ALABAMA DEPARTMENT OF TRANSPORTATION

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Robert Bentley
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June 11, 2012

Ms. Alfedo Acoff, Coordinator
Environmental Technical Section
ALDOT Design Bureau
1409 Coliseum Boulevard
Montgomery, AL 36130

RE: Clearance Letter, Project No. DPI-0030(005)
I-10 Mobile River Bridge Protective Purchase of 2 properties 257 South Royal Street and 265 South Water Street
Bender Properties
Mobile County

Dear Ms. Acoff:

Information received from your office on May 14, 2012 identified one *(1)* potentially hazardous material site on the above referenced project. Personnel from the Bureau of Materials and Tests Hazardous Materials Section visited the sites on May 21, 2012 and determined that this site would warrant further investigation. We met with our consultant Thompson Engineering onsite to conduct a preliminary investigation at this site on May 29, 2012 and May 30, 2012. The following are the results of the investigation:

Site #6a - Bender Shipbuilding

This site contains two parcels. One parcel is the former ship building and maintenance facility located on the Mobile River at 265 South Water Street, and the other parcel was an administrative building for the shipbuilding facility located at 257 South Royal Street. The preliminary hazardous materials investigation was conducted at the former ship building and maintenance facility as it warranted further investigation due to past use. There were no visual signs of USTs located at this site; however, the site formerly contained above ground storage tanks *(ASTs)* for gasoline and diesel for which the secondary containment still exists on site. The site also still contains an AST utilized to store used oil. The most recent right-of-way *(ROW)* maps received show that a complete acquisition will be required from this site. A total of fifteen *(15)* borings were advanced within the proposed ROW, with each being advanced to the groundwater table. Temporary monitoring wells were placed in three *(3)* of the borings in order to obtain groundwater samples. The boring and monitoring well locations can be seen in Figure 3 of Thompson Engineering's *Preliminary Investigation* report. Soil samples were taken from 0' to 3' below ground surface *(bgs)* and from 3' bgs to the groundwater table, which was typically at 5' to 6' bgs, for a total of thirty *(30)* samples. Each soil sample and groundwater sample was analyzed for volatile organic compound *(VOCs)*, semi-volatile organic compounds *(SVOCs)*, polychlorinated biphenyls *(PCBs)*, and metals. The results are discussed in Sections 3.2 (soil analytical results) and 3.3 (groundwater analytical results) and the analytical data can be seen in Table 1A through Table 2D of the report. The following is a summary of our findings:

Volatile Organic Compounds (VOCs)
The results show that several of the soil samples had detectable concentrations of several VOC constituents; however, all of the soil and water samples showed concentrations that were either below their respective Alabama Risk Based Corrective Action *(ARBCA)* preliminary screening values *(PSVs)* or were at non-detectable concentrations.

Semi-Volatile Organic Compounds (SVOCs)
The results show that several of the soil samples (B1, B2, B3, B5, B9, B10, B11, B12, B13, B15) had detectable concentrations of several SVOC constituents (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene) above their respective ARBCA PSVs and the remaining soil samples as well as all groundwater samples had concentrations of each constituent that were either below their respective PSVs or were at non-detectable concentrations.

Polychlorinated Biphenyls (PCBs)
The results show that several of the soil samples (B5, B11) had detectable concentrations of PCBs (PCB-1260) above their respective ARBCA PSVs and the remaining soil samples as well as all groundwater samples had concentrations of each constituent that were either below their respective PSVs or were at non-detectable concentrations.

Inorganics (Metals)
The results show that all of the soil samples (B1 - B15) had detectable concentrations of several inorganics (antimony, arsenic, chromium, copper, lead, mercury, thallium, zinc) and groundwater samples (TW-1, TW-2, TW3) had detectable concentrations of several inorganics (lead, mercury) that were above their respective ARBCA PSVs. The remaining soil samples and groundwater samples had concentrations of each constituent that were either below their respective PSVs or were at non-detectable concentrations.

Conclusions and Recommendations
The preliminary hazardous materials investigation at this site revealed that soil and groundwater contamination are present in some order of magnitude. An accurate estimate of how much potential contaminated media will be required to be managed (if at all) during construction is not yet obtainable due to the fact that the design of the proposed bridge has not be finalized (i.e. pier locations, usage under the bridge, etc.). It is this office's conclusion that this site does not pose a major risk of liability to the Department in terms of the scope of the project, however, once the final bridge design is set an accurate summary of contamination and worker health & safety will have to be reevaluated at this site.

If there is an alignment or design change, please contact this office for a re-evaluation of the project area. If you have any questions please contact David Gatlin at (334) 206-2275.

Yours very truly,

B.E. Cox, Jr., P.E.
Materials and Tests Engineer

By: _____
Adam S. Anderson, P.E.
Environmental Analysis & Compliance Engineer

BEC/ASA/dkg

cc: Mr. Vincent E. Calametti, P.E., 9th Division Engineer
File

thompson
ENGINEERING

PRELIMINARY INVESTIGATION
ALABAMA DEPARTMENT OF TRANSPORTATION
PROJECT NO.: DPI-0030(005)
I-10 MOBILE RIVER BRIDGE
MOBILE COUNTY, ALABAMA

JUNE 8, 2012

Prepared for:

Alabama Department of Transportation
Bureau of Materials and Tests
3700 Fairground Road
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PROJECT NO.: 12-2116-0039

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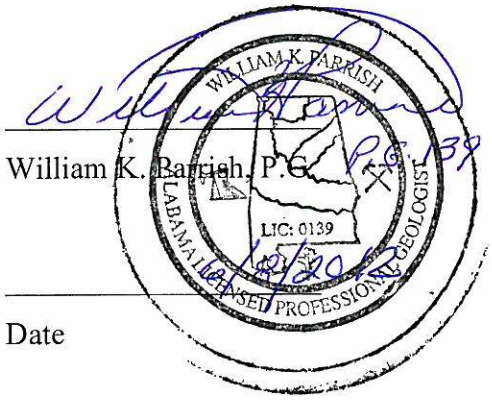
Report Certification

I certify under penalty of law that I am a Geologist experienced in hydrogeologic investigations. The investigation described in this report was performed by a Geologist experienced in hydrogeologic investigations. The information submitted herein, to the best of my knowledge and belief, is true, accurate, and complete. I am aware that there are significant penalties for submitting false information.



William K. Parrish, P.G.

Date

1.0 INTRODUCTION

The Alabama Department of Transportation (ALDOT) is investigating a potential property purchase for the proposed Interstate 10, (I-10) Mobile River Bridge in Mobile County, Alabama. Thompson Engineering, Inc. (Thompson Engineering) has completed the Preliminary Investigation at the Bender Ship Building and Repair Facility (Figure 1).

The site (Bender Ship Building and Repair Facility) is located at 265 Old Water Street. The site is bounded on the west by Old Water Street and the East by the Mobile River. The site is bordered on the North by Eslava Street and south by Buffalo Marine Services, Inc. (Figure 2). The facility is currently abandoned.

Site observations revealed the presence of several areas of concern that are identified below:

- A secondary containment structure reportedly held an Above Ground Storage Tank (AST). The AST is no longer present.
- A storage location was observed to contain a divided steel tank that is labeled as "Used Oil" and "Antifreeze."
- Another storage location was observed to contain six steel drums, three (3) 30-gallon drums and three (3) 40-gallon drums. The drums were noted to have labeling that identified the contents as a mixture of dichloromethane and tetrachloroethylene or 1,1,1-trichloroethane. The UN Code on the label was UN 2819. The drums were noted to be intact with no visible holes or staining on the concrete at the base of the drums.
- There is a bay area on the east side of the southernmost building that at one time had four hydraulic lifts determined from floor features. A sink was noted to be present in the bay area with drainage to the ground surface along the south side of the building.
- "Oil-like" stains were noted on the ground surface just west of the bulkhead.

- Transformers were noted to be present on the west sides of the property. Three (3) were located at the southwest corner and two (2) were located near the west central property boundary. On the initial site visit, all the transformers were noted to be intact and standing upright. During field investigative activities, two (2) of the transformers at the southwest corner were found to be overturned and the lids removed. An area around the overturned transformers was stained, with an odor present. The fluid contents of the transformers were identified, from labeling on the transformers, as dielectric oil and "certified to contain less than 50 parts per million (PPM) polychlorinated byphenols (PCBs) thus a non-PCB transformer."
- The remainder of the property was noted to have gravel, asphalt, or concrete surface. Wood debris was scattered at random. Old tires were stacked near the bulkhead and dumpsters were located on the premises that were observed to contain paper, cardboard, wood and metal scraps.
- A bulkhead was located along the east property boundary at the Mobile River.

2.0 GEOLOGIC SETTING

Geologic units that occur within the study area range from Tertiary to Quaternary age. Alluvial and terrace deposits of Quaternary Age overlie Tertiary age deposits adjacent to the flood plains of the larger streams and river and along the coastal areas, such as Mobile Bay.

Geologic units of Tertiary Age that are sources of potable groundwater are the Miocene Series Undifferentiated and the Citronelle Formation. The Miocene Series outcrops in central and northern Mobile and Baldwin Counties. The Miocene Series consists of sedimentary deposits of marine and estuarine origin. The sediments consist mainly of laminated to thinly-bedded clays, sands, and sandy clays. The sands range from fine- to coarse-grained and are locally cross bedded. In outcrops, the sands weather to a variety of colors, some distinctly mottled. At some exposures, beds of sand contain gravel and petrified plant fossils, and clays contain carbonized leaf remains.

The Citronelle Formation of Pliocene age overlies the Miocene Series and crops out in central and southern parts of the study area. The formation, which is relatively thin in northern parts of the study area, is about 200 feet thick in the subsurface in the southern part of the study area. The sediments consist of gravelly sands and sandy clays. In many areas, lenses of sandy clay and clayey sand, which range in thickness from 5 to 15 feet, are interbedded with gravelly sand. Sediments along the base of the Citronelle Formation have high clay content, indicating that they were deposited in an estuarine environment, whereas, overlying sediments were deposited by sediment-laden streams.

Pleistocene and Holocene Series of Quaternary age deposits overlie Miocene and Pliocene sediments. Alluvial, low terrace and coastal deposits represent complex beach, dune, lagoonal, estuarine, and deltaic depositional environments. The deposits consist of very fine- to coarse-grained sand that is gravelly in many exposures. Sandy clay is interbedded with the sand at some exposures. The thickness of the alluvial, low terrace

and coastal deposits are estimated to range from 0 to 200 feet, based on the first occurrence of coarse siliclastic sediments.

The Quaternary sand and gravel beds represent buried channel deposits. The width and depth are similar to that of the present river bed sediments. The length of individual sand and gravel beds probably ranges from a few hundred to a few thousand feet. These buried channel deposits are surrounded by silt and clay sediments similar to those being deposited on the present flood plain of the river.

Regional and Site Hydrogeology

The Pliocene-Miocene and the alluvial-coastal aquifer are the major aquifers in the study area. Although the aquifers are lithologically different, they are hydraulically connected and generally respond to stresses as a single aquifer.

Groundwater in the Pliocene-Miocene aquifer occurs in beds of sand and gravel which are lenticular in shape and of limited lateral extent. The sand and gravel beds in the Citronelle Formation and those at shallow depths in the Miocene Series Undifferentiated are hydraulically connected to land surface; therefore, the aquifer is unconfined. At depth, clayey sediments in the Miocene Series are semi-confining which reduces vertical infiltration of water. Thus, the aquifer in deeper portions of the Miocene Series responds to short-term pumpage as a confined aquifer. Wells properly constructed in the Pliocene-Miocene aquifer yield from 0.5 to 2.0 million gallons per day (Mgal/d).

The alluvial-coastal aquifer is hydraulically connected to the Pliocene-Miocene aquifer. Properly constructed wells in the alluvial-coastal aquifer have the potential to yield from 0.5 to 1.0 Mgal/d. Most high-yield wells are completed in beds of sand and gravel that originate from coastal deposits and buried river sediments. The buried channels are surrounded by silty and clayey sediments that do not yield significant amounts of water, but do allow slow infiltration of water to the sand and gravel beds. Individual buried channels may be directly connected to the present channels of the Mobile River.

The source of recharge to the aquifers is rainfall, which averages 62 inches per year (in/yr) in the study area. About 28 in/yr of rainfall runs off during and immediately after storms; a small amount of rainfall infiltrates the subsurface as recharge to the aquifers; and the remainder is returned to the atmosphere by evaporation and transpiration of trees and other plants.

Most recharge to the major aquifers in Mobile County occurs within the boundaries of the study area and a small amount is contributed from Miocene outcrop areas to the north.

Groundwater discharges are primarily to streams, water bodies, and wells. Some of the larger groundwater pumping centers in the study area are the cities of Grand Bay, Fairview, Dauphin Island, Theodore, Kushla, LeMoyne, Citronelle, Mt. Vernon, Bayou La Batre, Saraland, and St. Elmo in Mobile County.

In addition to public water supply, substantial quantities of groundwater are used for irrigation. Mobile County has several chemical and paper factories and other industries that use large quantities of groundwater.

Large withdrawals of water from an aquifer often cause a depression in the potentiometric surface of the aquifer. The extent of the depression depends on the amount of water withdrawn and the water-bearing characteristics of the sediments. A large depression exists around the Prichard-Mobile area in Mobile County. Most of the groundwater withdrawals in this area are for industrial purposes. Other smaller depressions occur in the vicinity of some industries along the Mobile River in northern Mobile County. The effects of the depressions are localized because of their proximity to the Mobile River, which is hydraulically connected to the aquifers in the area. The Mobile River has an average annual discharge of about 70,000 cubic feet per second (ft^3/s), which is more than adequate to recharge the aquifers as withdrawals occur.

However, in tidal reaches of the Mobile River, the recharge could introduce saltwater into the aquifer.

Recharge areas for the major aquifers, which include the entire study area, are susceptible to surface contamination. The topography in the study area is flat to low rolling hills. This type of terrain minimizes surface runoff, allowing more time for water to infiltrate into the soil.

Areas that are highly susceptible to contamination from the surface are relatively flat terrain with very permeable soils. Many of these areas are used for intensive row-crop farming where pesticides are used extensively. Along the Mobile River in the northern part of Mobile County, chemical industries are potential sources of contamination to the groundwater. The regions of the study area that are not considered to be highly susceptible to surface contamination are where topographic relief is greater; this promotes increase surface runoff and dispersion and dilution of surface contaminants.

Regions underlain by the alluvial and coastal sediments generally are areas of groundwater discharge; this decreases the likelihood of a contaminant migrating into the deep groundwater system.

Regional and Site Stratigraphy

The Site lies entirely within the East Gulf Coastal Plain physiographic section, Alluvial-Deltaic Plain District and Coastal Lowlands District.

The Alluvial-Deltaic Plain District, which consists of alluvial and terrace deposits from the rivers, are areas with very little relief, and the surface topography ranges in altitude from 100 feet to sea level.

Coastal Lowlands District areas are characterized by flat to gently undulating, locally swampy plains underlain by terrigenous deposits of Holocene and late Pleistocene age. They include the mainland plain indented by many tidal streams and fringed by tidal

marshes and barrier islands. The landward edge of the district is defined by the base of the Pamlico marine scarp at 25 to 30 feet of elevation. The barrier islands and tidal marshes in the area are undergoing continual modification by erosion and deposition.

3.0 PRELIMINARY INVESTIGATION

3.1 Summary of Field Activities

Prior to performing intrusive activities, a utility locate was performed. The utility locate was accomplished through Alabama One Call with confirmation numbers 121-440-140 and 121-440-144 on May 23, 2012. Additionally, a hand auger was used for the first three (3) feet below ground surface (bgs) as an additional precaution prior to advancement of a direct push probe discussed below.

In order to evaluate the observed conditions as well as random other areas on site, fifteen (15) exploratory borings were performed at the project site on May 29 and 30, 2012 (Figure 3). Additionally three (3) of the borings would be used to install temporary wells for the collection of groundwater samples, obtaining depth to groundwater measurements and determining groundwater flow direction. The boring locations were selected by ALDOT and Thompson Engineering personal in the areas of the former AST, used oil and antifreeze storage, solvent storage, former hydraulic lifts, sink drainage, stained soils, and additional locations at random to provide a general assessment of the facility.

For utility clearance, soil borings were initially advanced to a depth of three (3) feet bgs utilizing a stainless steel hand auger. Where concrete or asphalt was present, the direct-push drill rig, Geoprobe®, was used with a concrete bit to advance the boring until reaching soil then the hand auger was used as noted to three feet bgs. The Geoprobe® was then used to advance the probe to terminus of the boring.

Composite soil samples were collected from each boring between 0 to 3 feet bgs and from 3 feet to the top of the water table for a total of thirty (30) samples. Groundwater was encountered at approximately 5 to 6 feet bgs at each boring location.

The soil samples were composited using stainless steel equipment. The samples were then placed into pre-cleaned jars provided by the analytical laboratory (TestAmerica-

Mobile). Upon collection, the samples were placed within an insulated chest packed with ice for transport to the laboratory with attendant chain-of-custody documentation.

Groundwater samples were collected after first developing and purging the wells of three (3) to five (5) well volumes and collecting measurements for pH, temperature, specific conductivity, turbidity and dissolved oxygen. Field measurements are included in Appendix A. Groundwater samples were collected into pre-cleaned jars provided by the analytical laboratory (TestAmerica-Mobile). Upon collection, the samples were placed within an insulated chest packed with ice for transport to the laboratory with attendant chain-of-custody documentation.

The 30 soil and 3 groundwater samples were analyzed for volatile organic carbons (VOCs, EPA Method 8260), semivolatile organic carbons (SVOCs, EPA Method 8270D), polychlorinated biphenyls (PCBs, EPA Method 8081B/8082A), and RCRA metals (EPA Methods 6010C/7471).

In order to reduce the potential for cross-contamination during sampling procedures, all equipment was decontaminated prior to entering the site and between sampling areas utilizing a detergent wash, clean water rinse, distilled water rinse, and pesticide-grade isopropanol rinse followed by a drying period.

During soil sampling, boring location B-1 which is at the entrance to the used oil and antifreeze storage was noted to have a chemical odor. The odor existed from the soil surface to groundwater. This is also the location where a groundwater sample, TW-1, was collected. The groundwater was noted to have a chemical odor and sheen during development. Soil boring location B-9 was noted to have a petroleum-like odor from ground surface to a depth of approximately 6 feet bgs. Soil borings B-10 and B-11 were noted to have a chemical-like odor from ground surface to a depth of approximately 6 feet bgs. All other soil and groundwater samples did not reveal the presence of a chemical or petroleum odor.

An exploratory boring was performed at the location where the transformers had been overturned with a release of the dielectric fluids. The dielectric fluids were noted to be within the gravel to a depth of 3 to 4 inches bgs. No visible evidence or odor was present beyond 4 inches bgs. The area affected by the release of the transformer fluids measured approximately 28 feet by 20 feet or 560 square feet (sq. ft.). At a depth of 4 inches, the total cubic yards (cu. yds.) of material effected in-situ is approximately 7 cu. yds.

Groundwater elevation measurements identified a groundwater flow direction east across the site towards the Mobile River (Figure 4). Groundwater elevation data are provided in Appendix A.

3.2 Laboratory Soil Analytical Results

Soils encountered during the direct push borings consisted of fill soils comprised of mixtures of brown and black silty sands, gravel, metal and rubber fragments, coal, and wood chips. Soil boring logs are presented in Appendix A.

Table 1 is presented as a summary of the soil analytical results compared with the ADEM Preliminary Screening Values (PSVs). If a PSV did not exist, the analytical results were compared to an EPA Regional Screening Levels (RSLs).

Laboratory results for VOCs indicated detectable levels of acetone, carbon disulfide, chlorobenzene, and tetrachloroethene. None of the detections exceeded an ADEM PSV for the respective constituents.

Laboratory results indicated detectable SVOCs; however, reported below their respective ADEM PSVs are acenaphthene, acenaphthalene, anthracene, benzo(g,h,i)perylene, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenzofuran, d-n-butyl phthalate, fluoranthene, fluorene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene.

Laboratory results indicated the following detectable SVOCs above an ADEM PSV: Benzo(a)anthracene, benzo(b)fluoranthene, and benzo(k)fluoranthene were reported above their respective residential and commercial PSVs in soil samples B-2 (3'-4.5'), B-3 (0'-3'), B-5 (0'-3'), and B-5 (3'-6'). Benzo(b)fluoranthene was also detected above its residential and commercial PSVs in soil sample B-10 (3'-6'). Dibenz(a,h)anthracene was detected above its residential and commercial PSVs in soil samples B-3 (0'-3'), B-5 (3'-6'), B-9 (3'-6'), and B-10 (3'-6'). Indeno(1,2,3-cd)pyrene was detected above its residential and commercial PSVs in soil samples B-2 (3'-4.5'), B-3 (0'-3')and B-5 (both samples. Benzo(a)pyrene was detected above its residential and commercial PSVs in soil samples B-1 (both samples), B-2 (both samples), B-3 (both samples), B-5 (both samples), B-9 (3'-6'), B-10 (3'-6'), B-11 (both samples), B-12 (0'-3'), B-13 (0'-3'), and B-15 (3'-5.5'). Benzo(a)anthracene and benzo(b)fluoranthene were detected above their ADEM residential PSVs but below their commercial PSVs in soil samples B-1 (3'-11'), B-2 (0'-3'), B-3 (3'-5.5'), B-9 (3'-6'), B-11 (3'-6'), B-12 (0'-3'), B-13 (0'-3'), and B-15 (3'-5.5'). Benzo(a)anthracene was also reported above its residential PSV in soil sample B-10 (3'-6'). Benzo(b)fluoranthene was also reported above its residential PSV in soil samples B-1 (0'-3') and B-11 (0'-3'). Benzo(k)fluoranthene was reported above its residential PSV but below its commercial PSV in soil samples B-2 (0'-3'), B-3 (3'-5.5'), B-10 (3'-6'), and B-11 (3'-6'). Indeno(1,2,3-cd) pyrene concentrations at soil samples B-2 (0'-3'), B-3 (3'-5.5'), B-10 (3'-6'), and B-11 (3'-6') exceeded the residential PSV but were below the commercial PSV. The SVOCs that are prevalent in the soil column above a PSV, i.e., benzo(a)anthracene, benzo(a)pyrene, benzo(b)flouranthene, benzo(k)flouranthene, dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene, are in a subset identified as polynuclear aromatic hydrocarbons (PAHs) and recognized as carcinogenic and thus have a lower screening threshold. Figures 5 and 6 illustrate the detectable SVOCs that exceeded an ADEM PSV for the 0'-3' and >3' intervals, respectively.

The polychlorinated byphenol (PCB) 1260 was the only PCB detected. PCB 1260 exceeded the residential PSV, but not a commercial PSV, at sample locations B-5 (0'-3') and B-11 (0'-3'). Figure 7 illustrates the detectable PCB that exceeded the ADEM PSV.

Laboratory results for inorganics indicated detectable levels of antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, thallium, and zinc. Antimony, chromium, copper, thallium, and zinc exceeded a residential PSV but not a commercial PSV. Arsenic was reported above both the residential and commercial PSVs in all 30 soil sample locations. Mercury was reported above the residential PSV in soil samples B-1 (3'-11'), B-3 (0'-3'), B-11 (0'-3'), B-12 (0'-3'), and B-14 (3'-6'). Mercury was reported above both the residential and commercial PSVs in soil sample B-5 (3'-6'). Lead was reported above the residential PSV in soil samples B-3 (0'-3'), B-5 (3'-6'), B-11 (both samples), B-12 (0'-3'), B-13 (0'-3') and B-14 (3'-6'). Lead was reported above both the residential and commercial PSVs in soil sample B-4 (0'-3'). Figures 8 and 9 illustrate the detectable inorganics that exceeded an ADEM PSV for the 0'-3' and >3' intervals, respectively.

All laboratory analyses results were provided by TestAmerica, whose reports are provided in Appendix B (Log Nos.: 700-67982-1 and 700-68015-1).

3.3 Laboratory Groundwater Analytical Results

Groundwater analytical findings identified detectable levels of inorganics. VOCs, SVOCs, and PCBs were not detected in groundwater. The inorganics detected are copper, lead, mercury and zinc. Copper and zinc were detected at all three temporary well locations and did not exceed a PSV. Lead was detected at all three temporary well locations. TW-1 identified a concentration of 0.29 mg/L, TW-2 a concentration of 0.15 mg/L and TW-3 with a concentration of 0.22 mg/L. Lead exceeded the PSV of 0.015 mg/L at each location by one order of magnitude. Mercury was detected at TW-1 with a concentration of 0.79 mg/L and at TW-2 with a concentration of 0.35 mg/L each exceeding the PSV for mercury of 0.002 mg/L by two orders of magnitude.

All laboratory analyses results were provided by TestAmerica, whose reports are provided in Appendix B (Log Nos.: 700-67982-1). Table 2 is presented as a summary of

the groundwater analytical results compared with the ADEM PSVs. Figure 10 illustrates the detectable inorganics that exceed an ADEM PSV.

4.0 CONCLUSIONS

- Based on the visual identification of the soil during this investigation, the soil consisted of a fill consisting of a mixture of silty sands, gravel, oyster shells, metal and rubber fragments and wood.
- Locations B-1/TW-1, B-9, B-10 and B-11 exhibited the presence of chemical or petroleum odors.
- Groundwater flow is towards the east across the site towards the Mobile River.
- Detectable concentrations of the VOCs in soil: acetone, carbon disulfide, chlorobenzene, and tetrachloroethene; however, none of the detections exceeded a PSV for the respective constituents.
- Detectable concentrations of the SVOCs in soil: acenaphthene, acenaphthalene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)flouranthene, benzo(g,h,i)perylene, benzo(k)flouranthene, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene. Of these benzo(a)anthracene, benzo(a)pyrene, benzo(b)flouranthene, benzo(k)flouranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene exceeded a residential and commercial PSV.
- Detectable concentrations of PCB 1260 in soil exceed its residential PSV at two locations.
- Detectable concentrations of inorganics in soil: antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, thallium, and zinc. Antimony, arsenic, chromium, copper, lead, mercury, thallium, and zinc exceeded either a residential or commercial PSV.
- The amount of soil that is estimated as being effected by constituents, i.e., SVOCs, PCBs and inorganics, exceeding risk based PSVs is conservatively estimated as approximately 9,000 cubic yards.
- Detectable concentrations of inorganics in groundwater: copper, lead, mercury, and zinc. Lead is the only constituent exceeding its respective PSV at all three temporary

well locations and mercury exceeding its respective PSV at temporary well locations TW-1 and TW-2.

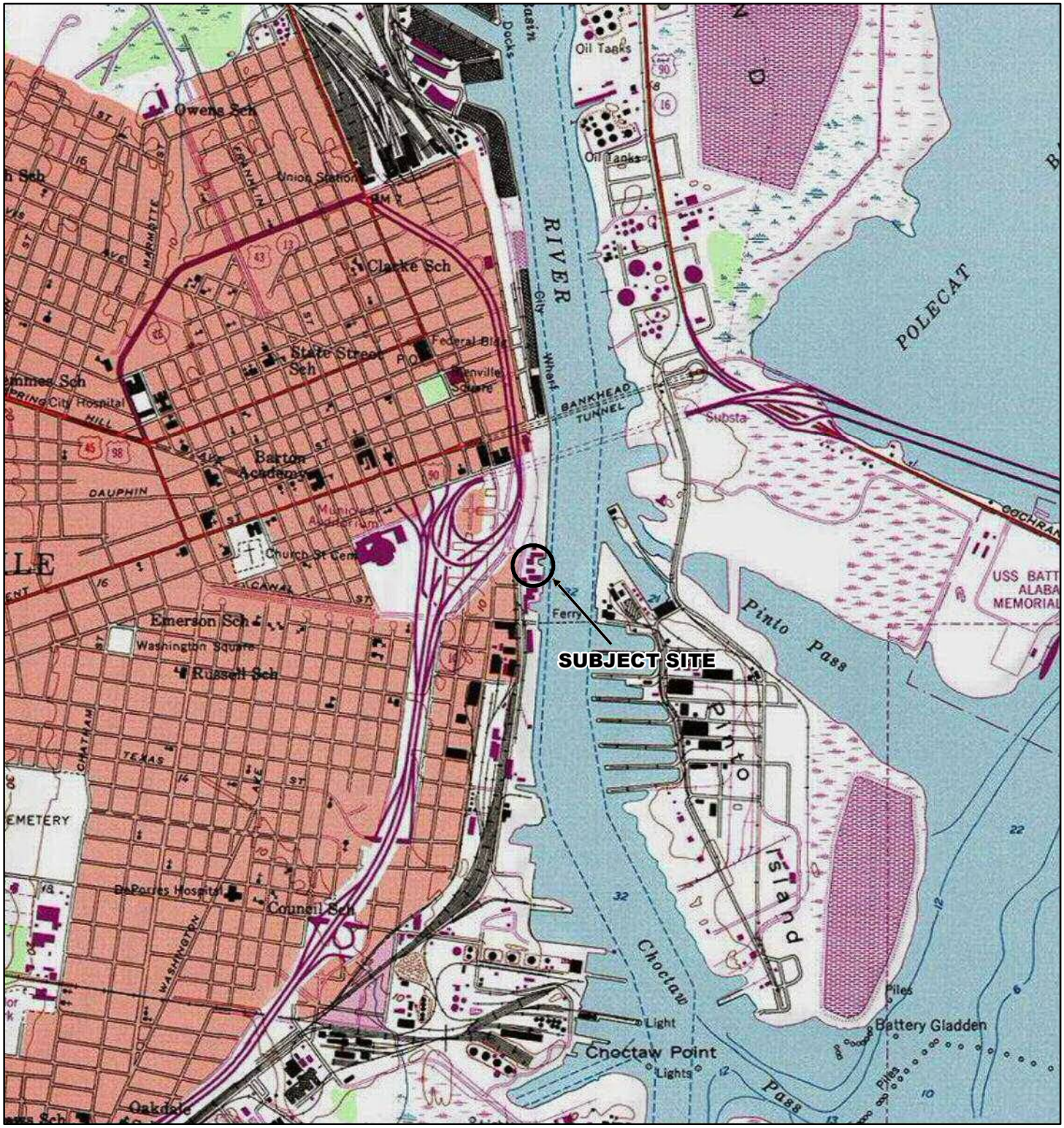
- No detectable concentrations of VOCs, SVOCs or PCBs in groundwater samples.
- The presence of SVOCs and PCBs in soil but not detectable in groundwater demonstrates that they are non-mobile with a high affinity to adhere to the soil particles and not easily transported to the groundwater.
- The area observed to have dielectric fluid on the soil surface from overturned transformer should be excavated and consist of an estimated in-situ volume of 7 cubic yards.

5.0 RECOMMENDATIONS

Based on review of the analytical results of the soil samples collected on May 29 and 30, 2012, it is Thompson Engineering's opinion that chemical constituents comprised primarily of SVOCs, some inorganics, and PCBs exist in the soil at concentrations that may pose a risk to human health. These risks can be minimized through the use of engineering controls such as placing a gravel, asphalt or concrete surface over contaminated areas of the site. This will remove exposure pathways (inhalation and/or dermal contact) and significantly reduce the ability of constituents to migrate to groundwater due to infiltration during rainfall events. Construction activities that involve subsurface or intrusive activities could result in an exposure pathway for construction workers.

Because the PAHs that are evident throughout the soil column i.e., ground surface to top of water table, are carcinogenic, the screening levels are lower and their comparison screening values as demonstrated on the analytical data tables show levels above a PSV. In the event that construction activities occur that involve exposures of subsurface soils to a construction worker, testing of soils should be performed for PAHs and inorganics to identify appropriate personal protective equipment (PPE). Additionally if soils require excavation and removal from the site, testing should also be performed to determine proper disposal at either a Subtitle D Solid Waste Facility or Subtitle C Hazardous Waste Facility under proper manifest.

FIGURES



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1 in = 2,000 ft

N

USGS Mobile, Alabama Quadrangle - Contour Interval 10 Feet, Published 1982

ALABAMA DEPARTMENT OF TRANSPORTATION ALDOT PROJECT NO.: DPI-0030(005) I-10 MOBILE RIVER BRIDGE MOBILE COUNTY, ALABAMA	thompson ENGINEERING	FIGURE 1 SITE VICINITY MAP	
		PROJECT NO.: 12-2116-0039	DATE: JUNE 2012

P:\2012\2116\12-2116-0039 ALDOT Mobile River Bridge\DRAWINGS\MXD\FIG1.mxd

1:1,200

0 0.025 0.05 0.075 Miles

0 100 200 300 Feet

1 in = 100 ft

N

Mobile, Alabama Aerial Photography, February 2010 - 0.5 Foot Resolution

ALABAMA DEPARTMENT OF TRANSPORTATION
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MOBILE COUNTY, ALABAMA

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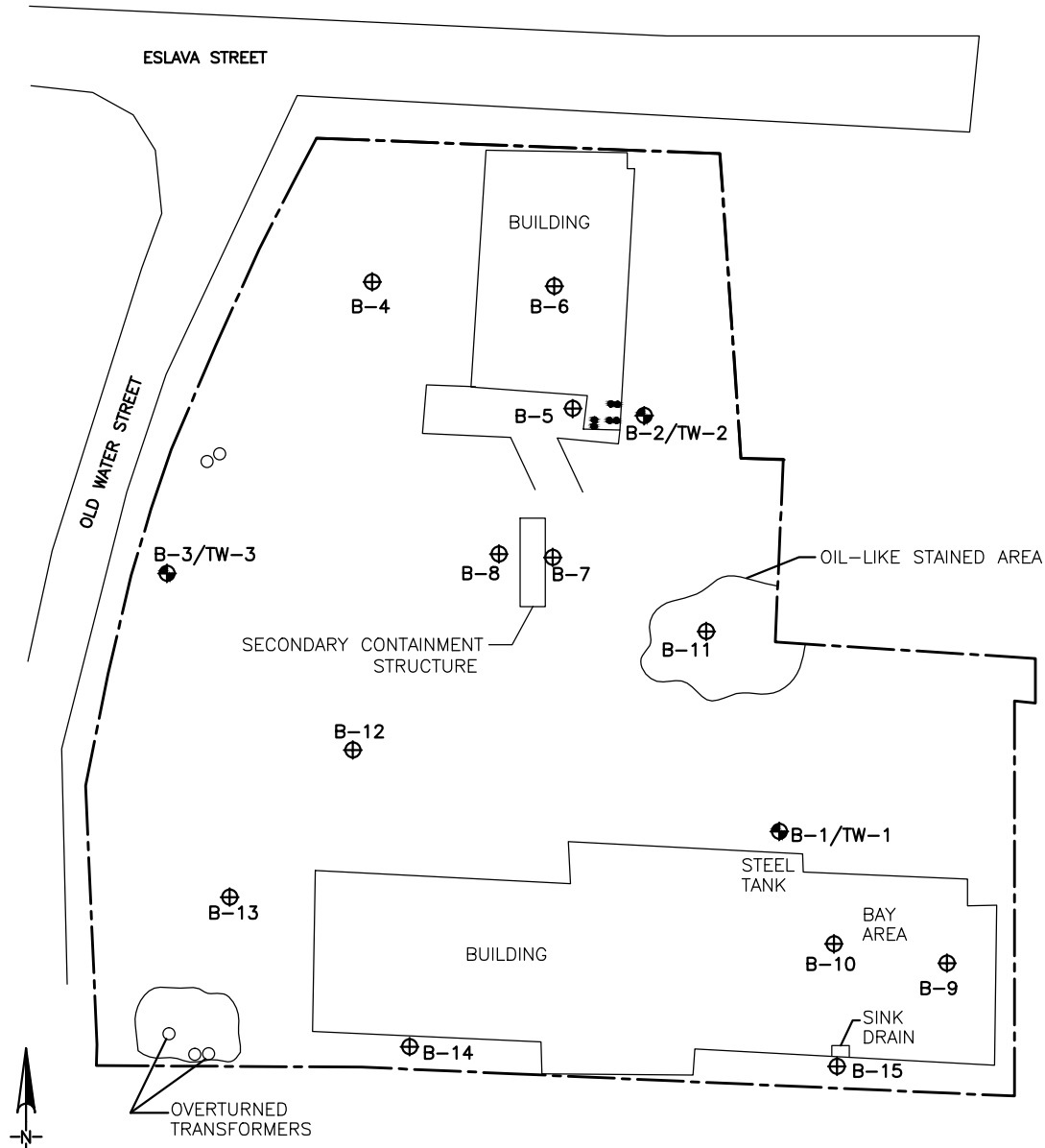
FIGURE 2
AERIAL PHOTOGRAPH

PROJECT NO.:	DATE:
12-2116-0039	JUNE 2012

P:\2012\2116\12-2116-0039 ALDOT Mobile River Bridge\DRAWINGS\MXD\FIG2.mxd



LEGEND:

- Boring Location
- Temporary Well Location
- Transformer
- Drums

APPROXIMATE SCALE

0 15 30 60 FT.

NOTES:
The information depicted is intended to provide visual aid within the context of this report and should not be used as a sole reference in precise dimensioning of features indicated.

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FIGURE 3
BORING LOCATION PLAN

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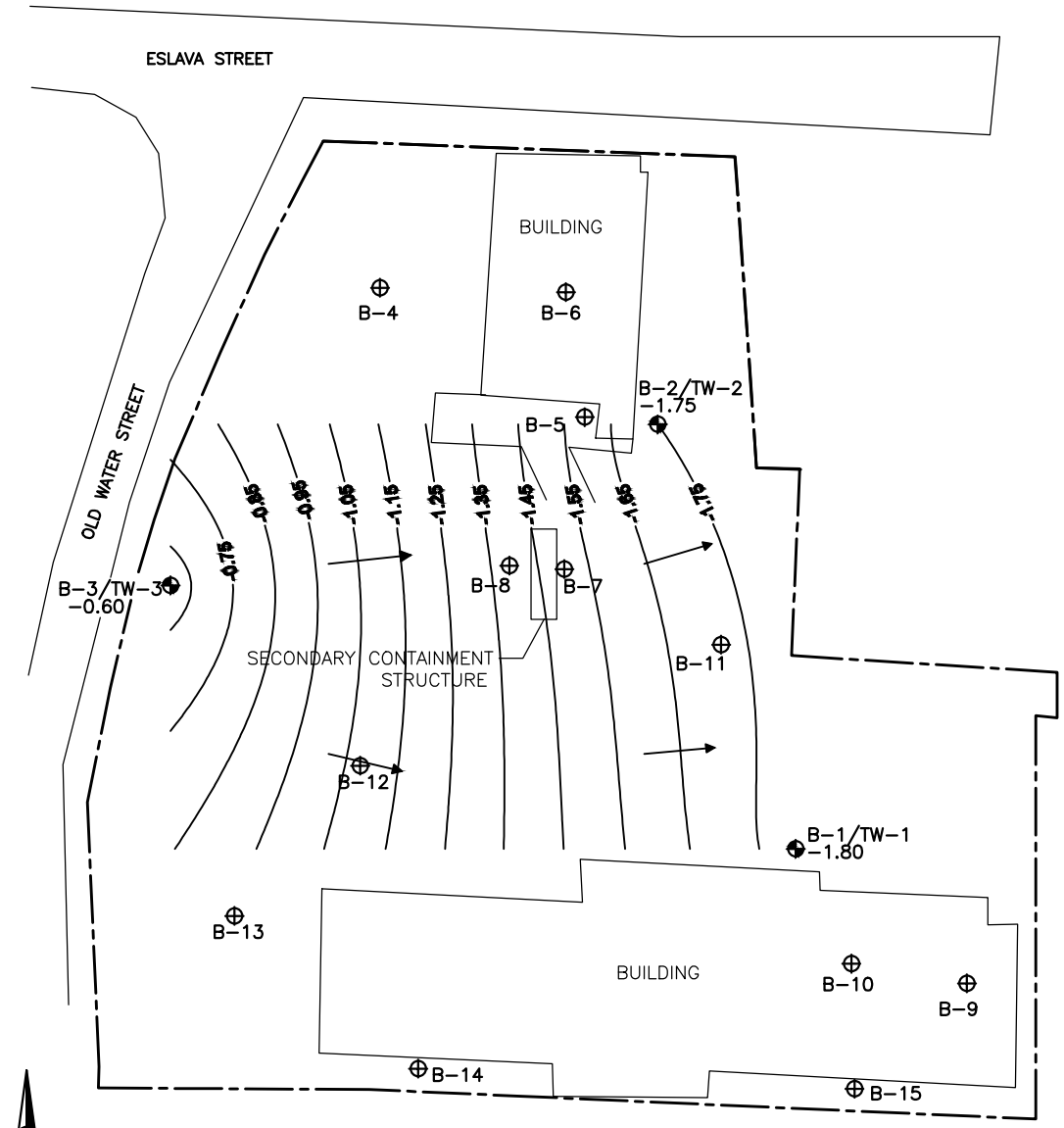

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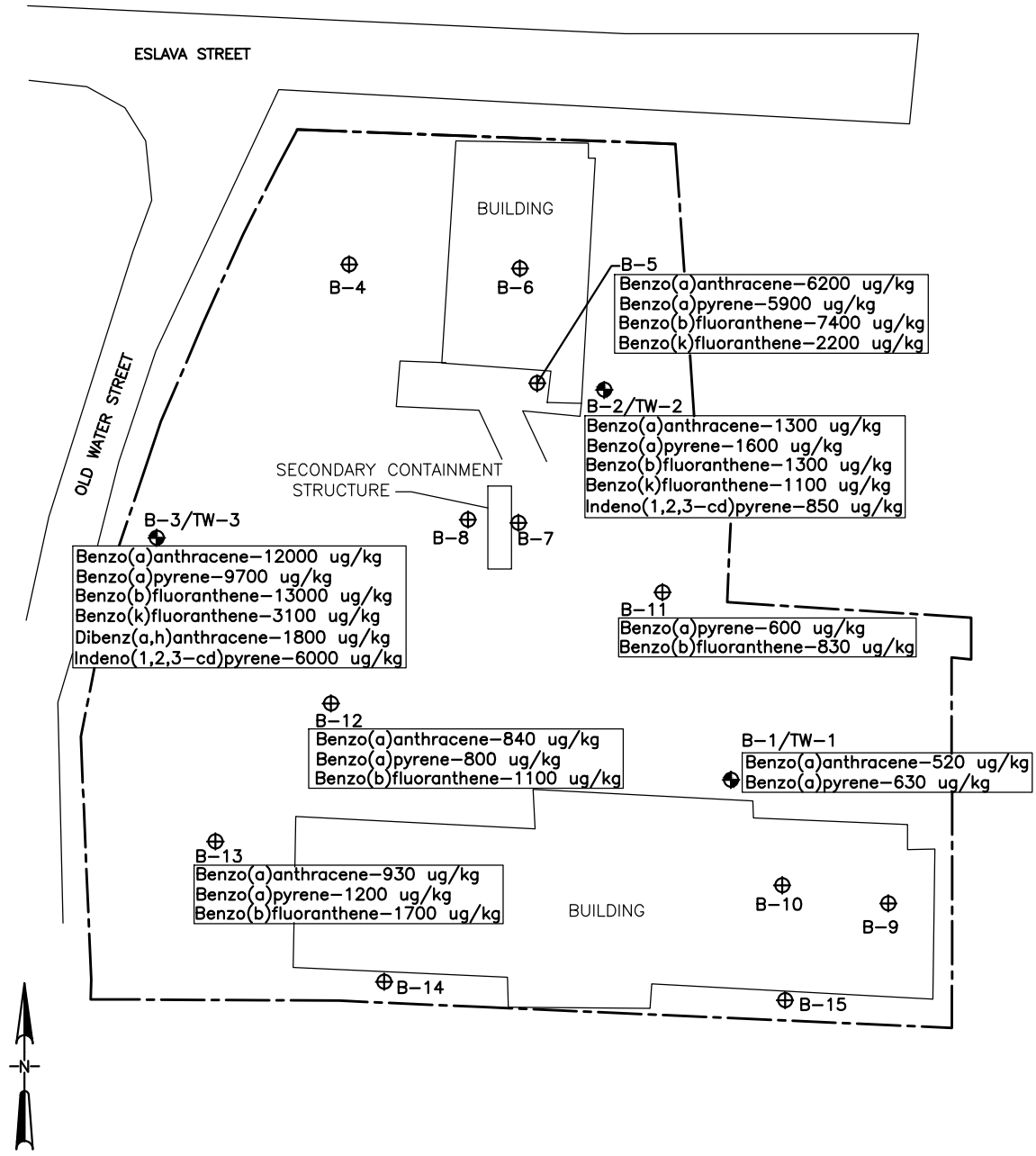
FIGURE 4
GROUNDWATER POTENTIOMETRIC SURFACE PLAN
MAY 30, 2012

PROJECT NO: 12-2116-0039

DATE: JUNE 2012



APPROXIMATE SCALE

0 15 30 60 FT.

LEGEND:

Boring Location

Temporary Well Location

NOTE:
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FIGURE 5
SVOC SOIL ANALYTICAL DATA
EXCEEDING AN ADEM PSV
0' to 3' bgs

PROJECT NO: 12-2116-0039

DATE: JUNE 2012

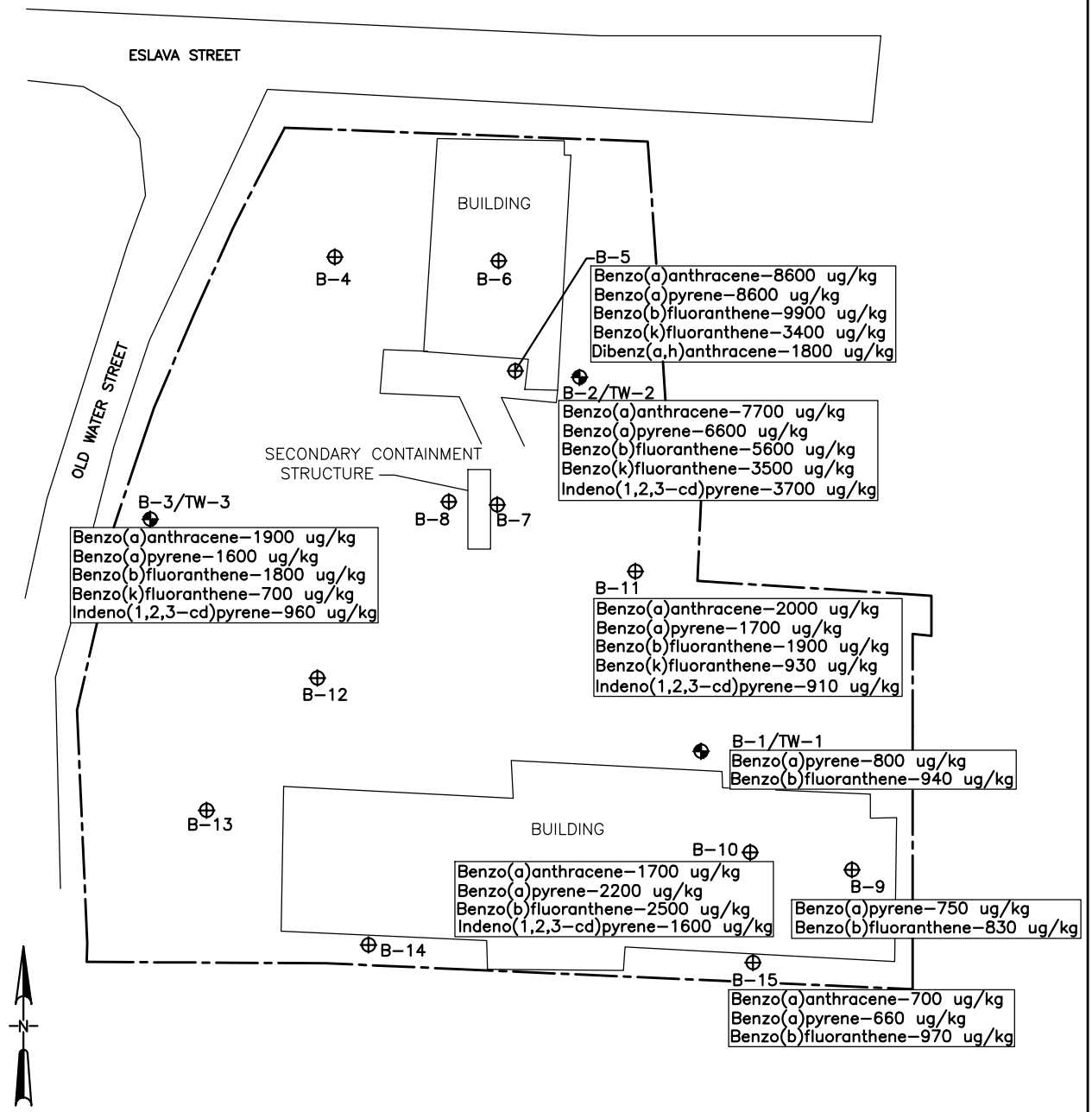

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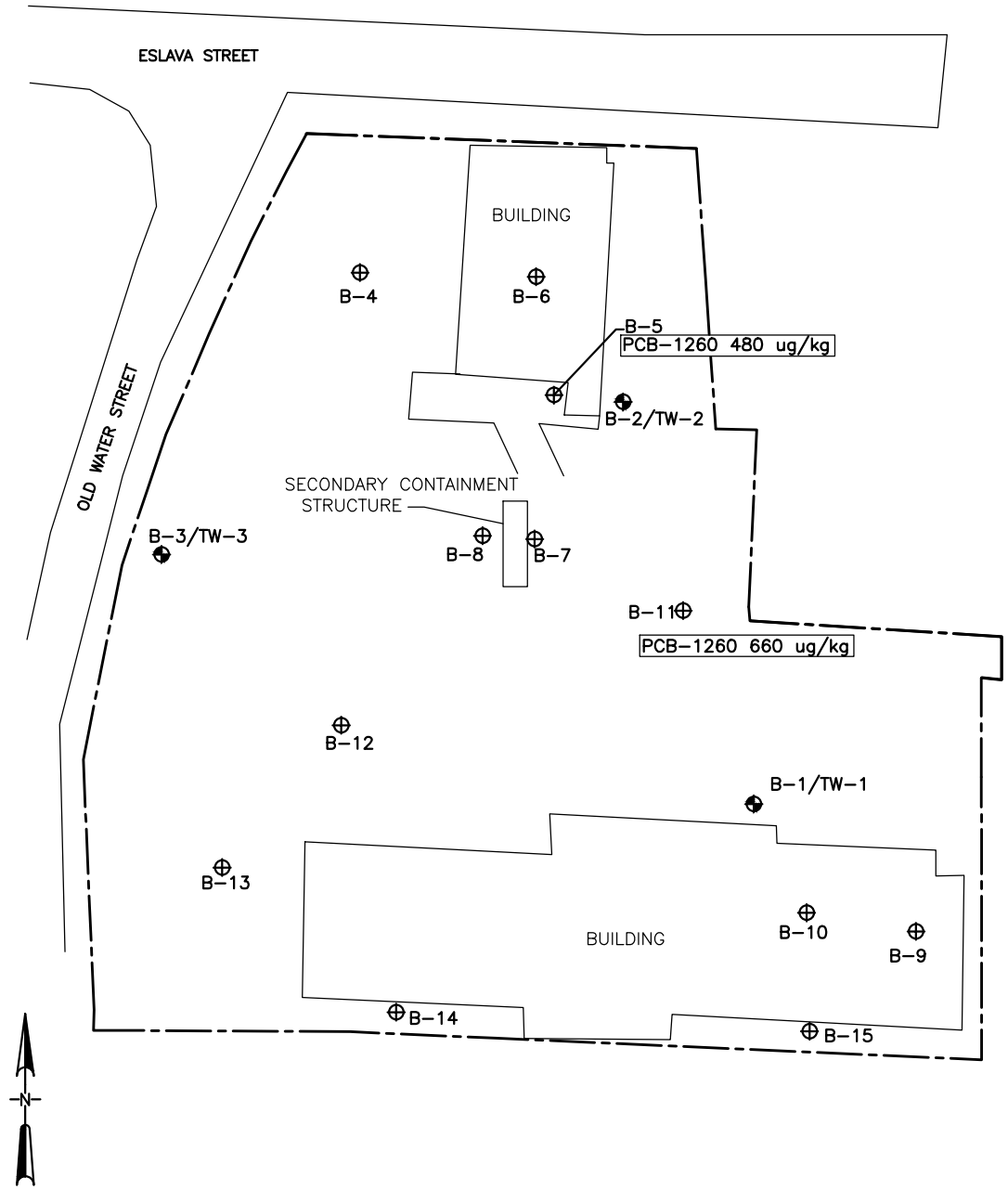
FIGURE 6
SVOC SOIL ANALYTICAL DATA
EXCEEDING AN ADEM PSV OR EPA RSL
>3' bgs

PROJECT NO: 12-2116-0039
DATE: JUNE 2012



APPROXIMATE SCALE

0 15 30 60 FT.

LEGEND:

⊕ Boring Location

◈ Temporary Well Location

NOTE:
The information depicted is intended to provide visual aid within the context of this report and should not be used as a sole reference in precise dimensioning of features indicated.

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FIGURE 7
PCB SOIL ANALYTICAL DATA
EXCEEDING AN ADEM PSV
0' to 3' bgs

PROJECT NO: 12-2116-0039

DATE: JUNE 2012

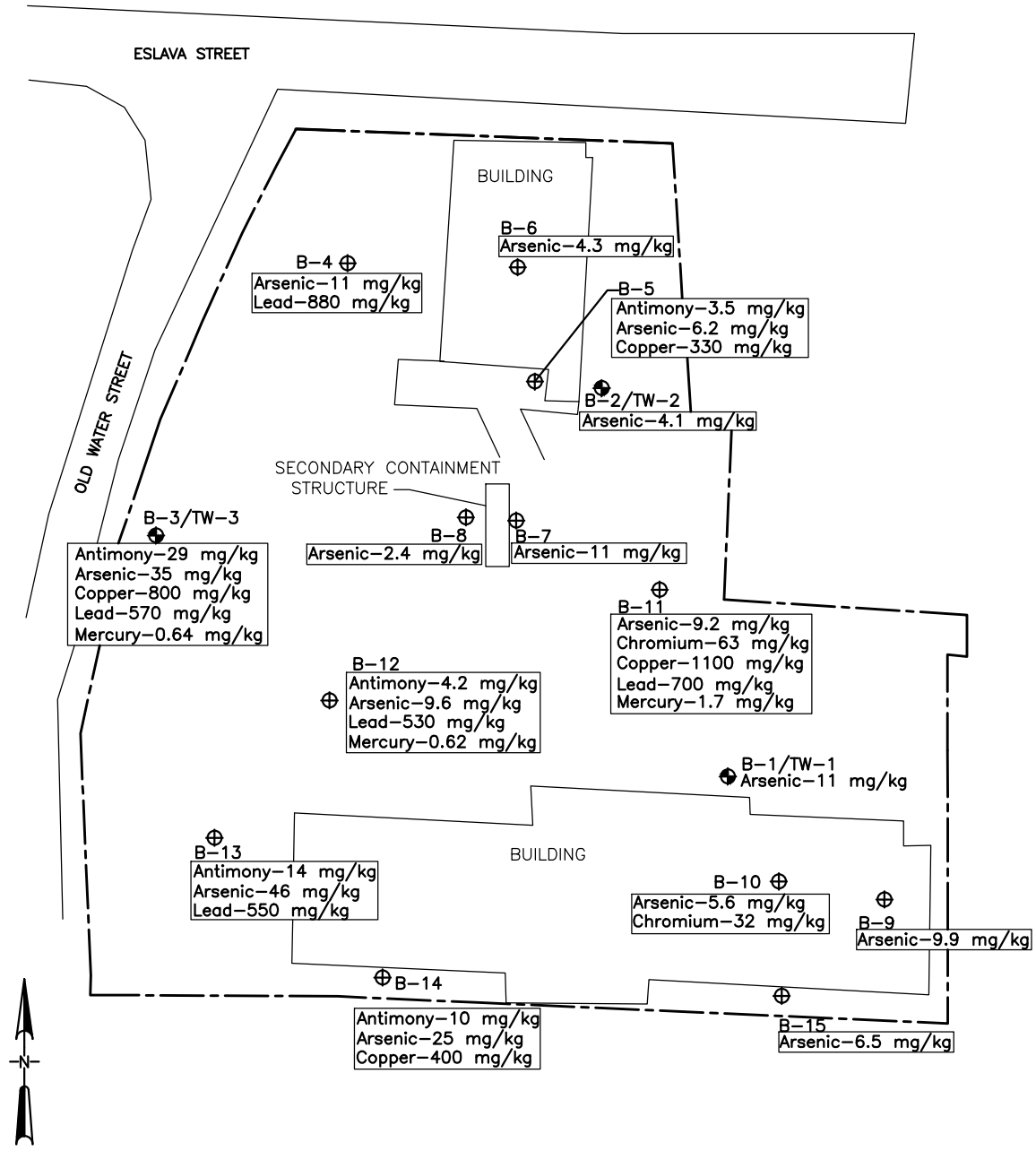

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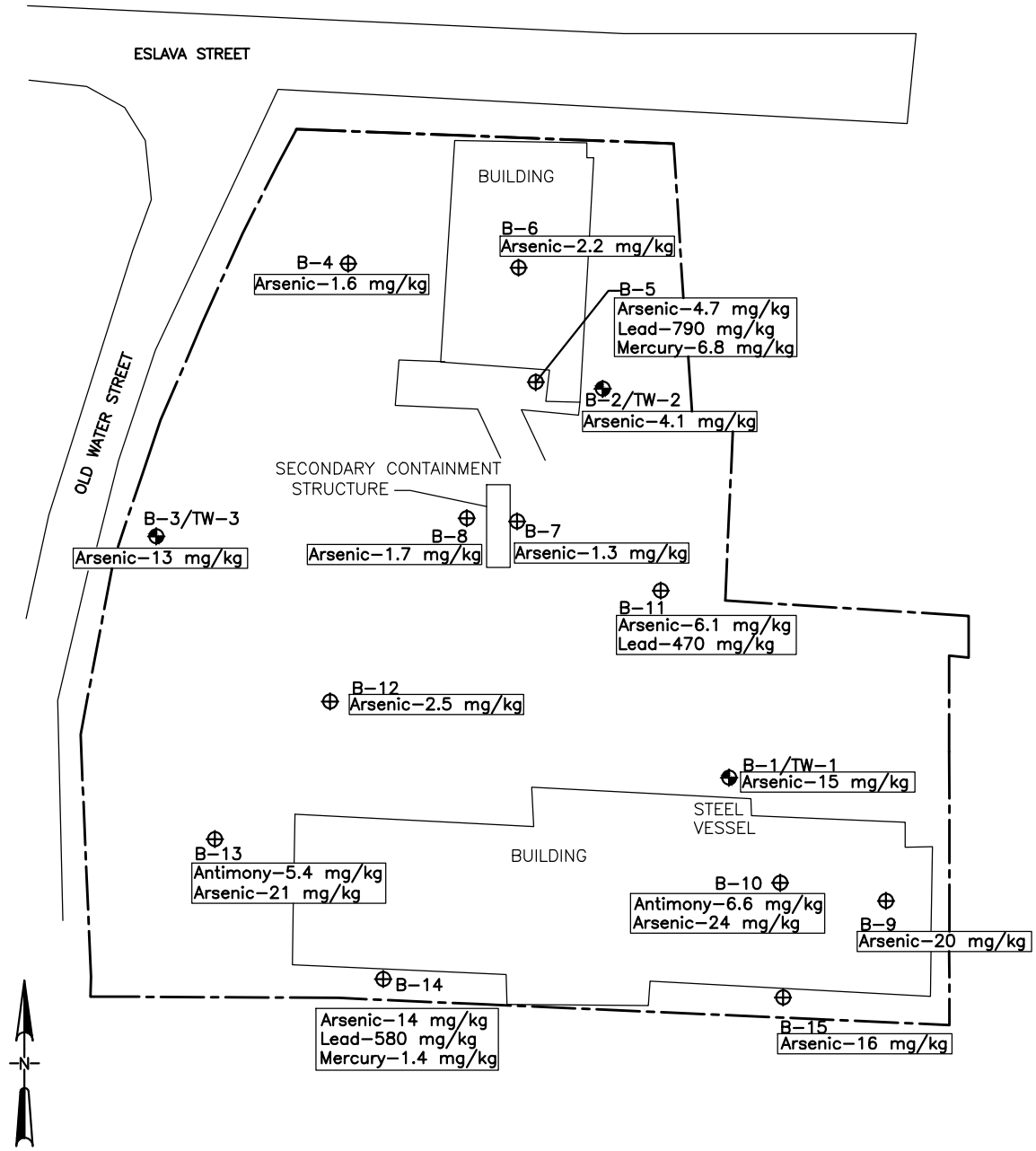
FIGURE 8
INORGANIC SOIL ANALYTICAL DATA
EXCEEDING AN ADEM PSV
0' to 3' bgs

PROJECT NO: 12-2116-0039
DATE: JUNE 2012



APPROXIMATE SCALE

0 15 30 60 FT.

LEGEND:

⊕ Boring Location

⊕ Temporary Well Location

NOTE:
The information depicted is intended to provide visual aid within the context of this report and should not be used as a sole reference in precise dimensioning of features indicated.

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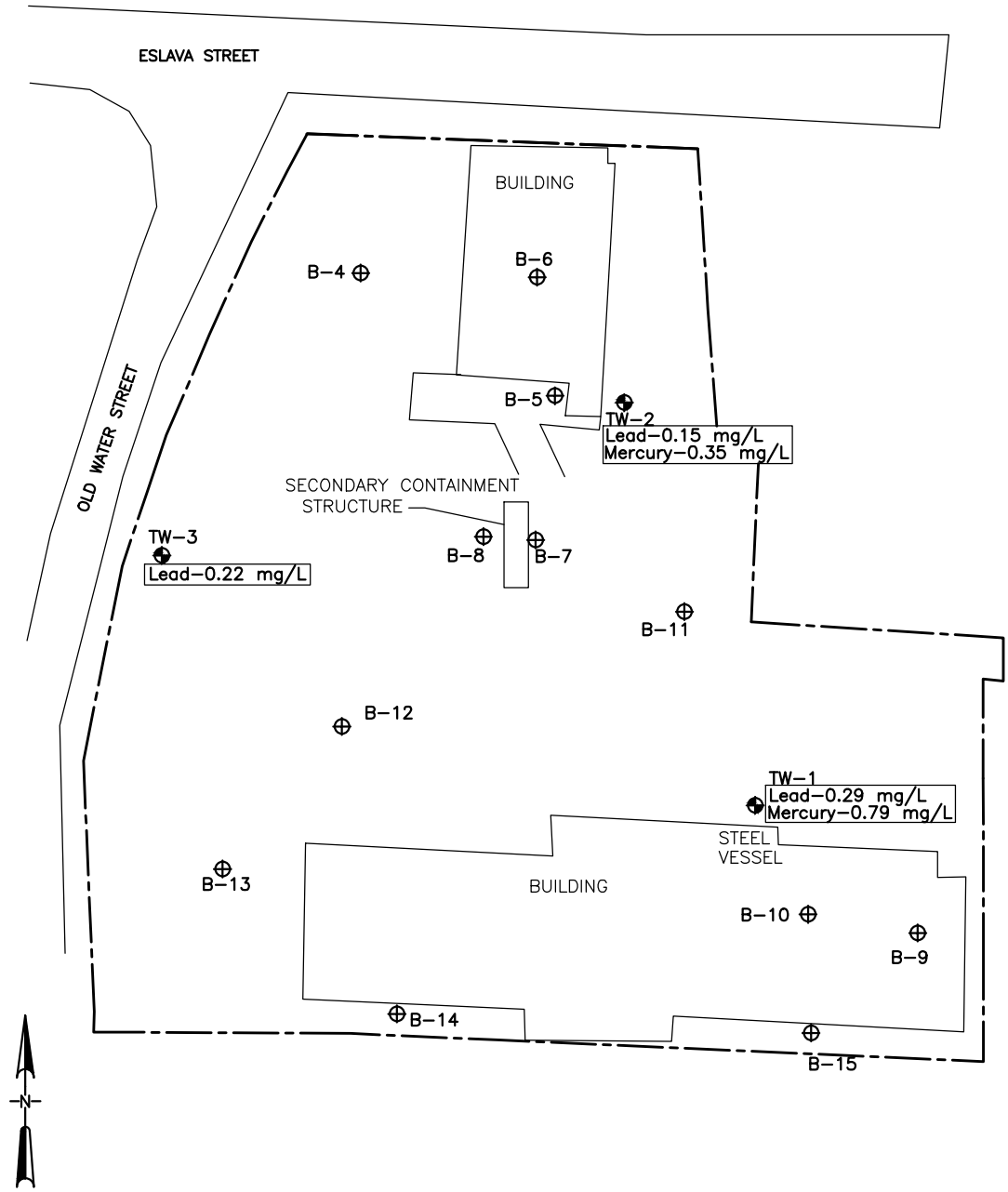
FIGURE 9
INORGANIC SOIL ANALYTICAL DATA
EXCEEDING AN ADEM PSV
>3' bgs

PROJECT NO: 12-2116-0039

DATE: JUNE 2012



APPROXIMATE SCALE

0 15 30 60 FT.

LEGEND:

Boring Location

Temporary Well Location

NOTE:
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ALABAMA DEPARTMENT OF TRANSPORTATION
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FIGURE 10
INORGANIC GROUNDWATER ANALYTICAL DATA EXCEEDING AN ADEM PSV

PROJECT NO: 12-2116-0039

DATE: JUNE 2012

TABLES

Table 1A
Soil Analytical Data - VOCs
Bender Shipbuilding and Repair Facility
Preliminary Investigation
12-2116-0039

Alabama Risk Based Corrective Action Preliminary Screening Values [1]					Sample Location ID																												
CONTAMINANT	**CAS Number**	**Units**	**Residential**	**Commercial**	**B-1 5.29.12 0'-3'**	**B-1 5.29.12 3'-11'**	**B-2 5.29.12 0'-3'**	**B-2 5.29.12 3'-4.5'**	**B-3 5.29.12 0'-3'**	**B-3 5.29.12 3'-5.5'**	**B-4 5.29.12 0'-3'**	**B-4 5.29.12 3'-6'**	**B-5 5.29.12 0'-3'**	**B-5 5.29.12 3'-6'**	**B-6 5.29.12 0'-3'**	**B-6 5.29.12 3'-6'**	**B-7 5.29.12 0'-3'**	**B-7 5.29.12 3'-6'**	**B-8 5.29.12 0'-3'**	**B-8 5.29.12 3'-6'**	**B-9 5.30.12 0'-3'**	**B-9 5.30.12 3'-6'**	**B-10 5.30.12 0'-3'**	**B-10 5.30.12 3'-6'**	**B-11 5.30.12 0'-3'**	**B-11 5.30.12 3'-6'**	**B-12 5.30.12 0'-3'**	**B-12 5.30.12 3'-6'**	**B-13 5.30.12 0'-3'**	**B-13 5.30.12 3'-6'**	**B-14 5.30.12 0'-3'**	**B-14 5.30.12 3'-6'**	**B-15 5.30.12 0'-3'**	**B-15 5.30.12 3'-5.5'**
Acetone	67-64-1	ug/kg	1400000	5400000	<60	210	<55	<66	<53	120	<58	<62	<60	<65	<60	<62	<54	<60	<53	<59	<2700	<3100	<55	<3600	<2700	86	<56	<64	<56	120	<60	160	<57	84
Benzene	71-43-2	ug/kg	640	1400	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<310	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Bromoform	75-25-2	ug/kg	62000	220000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<310	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Bromomethane	74-83-9	ug/kg	390	1300	<12	<19	<11	<13	<11	<13	<12	<12	<12	<13	<12	<12	<11	<12	<11	<12	<540	<630	<11	<710	<540	<14	<11	<13	<11	<13	<12	<16	<11	<13
2-Butanone (MEK)	78-93-3	ug/kg	2200000	11000000	<30	<46	<27	<33	<27	<33	<29	<31	<30	<33	<30	<31	<27	<30	<26	<29	<1300	<1600	<28	<1800	<1300	<35	<28	<32	<28	<33	<30	<39	<29	<32
Carbon disulfide	75-15-0	ug/kg	36000	720000	<6.0	24	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Carbon tetrachloride	56-23-5	ug/kg	250	550	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Chlorobenzene	108-90-7	ug/kg	15000	53000	14	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Chlorodibromomethane		ug/kg	None	None	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Chloroethane	75-00-3	ug/kg	3000	6500	<12	<19	<11	<13	<11	<13	<12	<12	<12	<13	<12	<12	<11	<12	<11	<12	<540	<630	<11	<710	<540	<14	<11	<13	<11	<13	<12	<16	<11	<13
Chloroform	67-66-3	ug/kg	220	470	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Chloromethane	74-87-3	ug/kg	47000	160000	<12	<19	<11	<13	<11	<13	<12	<12	<12	<13	<12	<12	<11	<12	<11	<12	<540	<630	<11	<710	<540	<14	<11	<13	<11	<13	<12	<16	<11	<13
(cis)-1,2-Dichloroethene	156-59-2	ug/kg	4300	15000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
(cis)-1,3-Dichloropropene	542-75-6	ug/kg	780	1800	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,2-Dichlorobenzene	95-50-1	ug/kg	600000	600000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,3-Dichlorobenzene	541-73-1	ug/kg	53000	600000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,4-Dichlorobenzene	106-46-7	ug/kg	3400	7900	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Dibromochloromethane	124-48-1	ug/kg	1100	2600	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,1-Dichloroethane	75-34-3	ug/kg	51000	170000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,2-Dichloroethane	107-06-2	ug/kg	51000	170000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,1-Dichloroethene	75-35-4	ug/kg	12000	41000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,2-Dichloropropane	78-87-5	ug/kg	340	740	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Ethylbenzene	100-41-4	ug/kg	400000	400000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
2-Hexanone	591-78-6	ug/kg	210000[2]	1400000[2]	<30	<46	<27	<33	<27	<33	<29	<31	<30	<33	<30	<31	<27	<30	<26	<29	<1300	<1600	<28	<1800	<1300	<35	<28	<32	<28	<33	<30	<39	<29	<32
Methylene chloride	75-09-2	ug/kg	9100	21000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
2-Methyl-2-pentanone (MIBK)	108-10-1	ug/kg	530000	4700000	<30	<46	<27	<33	<27	<33	<29	<31	<30	<33	<30	<31	<27	<30	<26	<29	<1300	<1600	<28	<1800	<1300	<35	<28	<32	<28	<33	<30	<39	<29	<32
m-Xylene & p-Xylene	106-42-3	ug/kg	590000[2]	2500000[2]	<12	<19	<11	<13	<11	<13	<12	<12	<12	<13	<12	<12	<11	<12	<11	<12	<540	<630	<11	<710	<540	<14	<11	<13	<11	<13	<12	<16	<11	<13
o-Xylene	95-47-6	ug/kg	690000[2]	3000000[2]	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Styrene	160-42-5	ug/kg	1700000	1700000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3200	7300	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Tetrachloroethene	127-18-4	ug/kg	480	1300	6.9	14	<5.5	9.6	<5.3	<6.6	<5.8	7.3	<6.0	<6.5	6.9	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	9.8	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Toluene	108-88-3	ug/kg	520000	520000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
(trans)-1,2-Dichloroethene	156-60-5	ug/kg	6900	23000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
(trans)-1,3-Dichloropropene	542-75-6	ug/kg	780	1800	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,1,1-Trichloroethane	71-55-6	ug/kg	1200000	1200000	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
1,1,2-Trichloroethane	79-00-5	ug/kg	730	1600	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Trichloroethene (TCE)	79-01-6	ug/kg	53	110	<6.0	<9.3	<5.5	<6.6	<5.3	<6.6	<5.8	<6.2	<6.0	<6.5	<6.0	<6.2	<5.4	<6.0	<5.3	<5.9	<270	<630	<5.5	<360	<270	<6.9	<5.6	<6.4	<5.6	<6.5	<6.0	<7.9	<5.7	<6.3
Vinyl chloride	75-01-4	ug/kg	79	750	<12	<19	<11	<13	<11	<13	<12	<12	<12	<13	<12	<12	<11	<12	<11	<12	<540	<630	<11	<710	<540	<14	<11	<13	<11	<13	<12	<16	<11	<13
Xylenes (Total)	1330-20-7	ug/kg	10000	27000	<18	<28	<16	<20	<16	<20	<17	<19	<18	<20	<18	<19	<16	<18	<16	<18	<810	<940	<17	<1100	<800	<21	<17	<19	<17	<20	<18	<24	<17	<19

1. Alabama Risk-Based Corrective Action Preliminary Screening Values (PSVs) for Residential and Commerical soil, April 2008.
2. U.S. EPA Region 9 Regional Screening Level (RSL) for Residential and Commerical soil, April 2012.
- ug/kg – micrograms per kilograms.

Table 1B
Soil Analytical Data-SVOCs
Bender Shipbuilding and Repair Facility
Preliminary Investigation
12-2116-0039

Alabama Risk Based Corrective Action Preliminary Screening Values [1]					Sample Location ID																															
CONTAMINANT	**CAS Number**	**Units**	**Residential**	**Commercial**	**B-1 5.29.12 0'-3'**	**B-1 5.29.12 3'-11'**	**B-2 5.29.12 0'-3'**	**B-2 5.29.12 3'-4.5'**	**B-3 5.29.12 0'-3'**	**B-3 5.29.12 3'-5.5'**	**B-4 5.29.12 0'-3'**	**B-4 5.29.12 3'-6'**	**B-5 5.29.12 0'-3'**	**B-5 5.29.12 3'-6'**	**B-6 5.29.12 0'-3'**	**B-6 5.29.12 3'-6'**	**B-7 5.29.12 0'-3'**	**B-7 5.29.12 3'-6'**	**B-8 5.29.12 0'-3'**	**B-8 5.29.12 3'-6'**	**B-9 5.30.12 0'-3'**	**B-9 5.30.12 3'-6'**	**B-10 5.30.12 0'-3'**	**B-10 5.30.12 3'-6'**	**B-11 5.30.12 0'-3'**	**B-11 5.30.12 3'-6'**	**B-12 5.30.12 0'-3'**	**B-12 5.30.12 3'-6'**	**B-13 5.30.12 0'-3'**	**B-13 5.30.12 3'-6'**	**B-14 5.30.12 0'-3'**	**B-14 5.30.12 3'-6'**	**B-15 5.30.12 0'-3'**	**B-15 5.30.12 3'-5.5'**
Acenaphthene	83-32-9	ug/kg	370000	2900000	<400	<620	<360	480	2400	520	<400	<410	610	1300	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Acenaphthylene	208-96-8	ug/kg	TBC	TBC	<400	<620	<360	770	<730	<440	<400	<410	530	860	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<3650	<460	<370	<430	<370	<440	<400	<520	<380	<420
Anthracene	120-12-7	ug/kg	2200000	100000000	<400	<620	420	2000	5000	1100	<400	<410	1900	3400	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	500	<370	<430	<370	<440	<400	<520	<380	<420
Benzidine	92-87-5	ug/kg	2.1	7.5	<3200	<5100	<2900	<3600	<6000	<3600	<3200	<3400	<3300	<3600	<3300	<3500	<2900	<3300	<2900	<3200	<2900	<3400	<3000	<3900	<2900	<3800	<3000	<3500	<3100	<3600	<3200	<4300	<3100	<3400
Benzo(a)anthracene	56-55-3	ug/kg	620	2100	<400	**690**	**1300**	**7700**	**12000**	**1900**	<400	<410	**6200**	**8600**	<400	<420	<360	<400	<350	<390	<360	540	<360	**1700**	600	**2000**	**840**	<430	**930**	<440	<400	<520	<380	**700**
Benzo(a)pyrene	50-32-8	ug/kg	62	210	**520**	**800**	**1600**	**6600**	**9700**	**1600**	<400	<410	**5900**	**8600**	<400	<420	<360	<400	<350	<390	<360	**750**	<360	**2200**	**600**	**1700**	**800**	<430	**1200**	<440	<400	<520	<380	**660**
Benzo(b)fluoranthene	205-99-2	ug/kg	620	2100	**630**	**940**	**1300**	**5600**	**13000**	**1800**	450	<410	**7400**	**9900**	<400	<420	<360	<400	<350	<390	<360	**830**	<360	**2500**	**830**	**1900**	**1100**	<430	**1700**	<440	<400	<520	570	**970**
Benzo(g,h,i)perylene	191-24-2	ug/kg	228000	4950000	440	<620	1100	4500	7300	1200	<400	<410	3800	5500	<400	<420	<360	<400	<350	<390	<360	610	<360	1700	420	930	600	<430	770	<440	<400	<520	<380	460
Benzo(k)fluoranthene	207-08-9	ug/kg	620	2100	<400	<620	**1100**	**3500**	**3100**	**700**	<400	<410	**2200**	**3400**	<400	<420	<360	<400	<350	<390	<360	<410	<360	**1000**	370	**930**	420	<430	380	<440	<400	<520	<380	<420
bis(2-chloroethoxy)methane	111-91-1	ug/kg	180000[2]	1800000[2]	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
bis(2-chloroethyl)ether	111-44-4	ug/kg	22	58	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Bis(2-ethylhexyl) phthalate	117-81-7	ug/kg	35000	120000	800	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	540	1100	<360	480	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
4-bromophenyl phenyl ether	101-55-3	ug/kg	None	None	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Butyl benzyl phthalate	85-68-7	ug/kg	1200000	100000000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Carbazole	86-74-8	ug/kg	24000	86000	<400	<620	410	1400	16000	1300	<400	<410	2300	5900	<400	<420	<360	<400	<350	<390	<360	<410	<360	490	<360	550	<370	<430	<370	<440	<400	<520	<380	<420
4-Chloroaniline	106-47-8	ug/kg	24000	250000	<790	<1200	<720	<890	<1500	<890	<790	<830	<790	<870	<800	<850	<710	<800	<700	<770	<720	<830	<730	<940	<720	<930	<740	<850	<750	<880	<790	<1000	<760	<840
4-Chloro-3-methylphenol	59-50-7	ug/kg	None	None	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
2-Chlorophenol	95-57-8	ug/kg	6300	240000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
4-chlorophenyl phenyl ether	7005-72-3	ug/kg	None	None	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Chrysene	218-01-9	ug/kg	62000	210000	500	940	1800	6600	11000	2100	420	<410	<400	9600	<400	<420	<360	<400	<350	<390	<360	630	<360	1800	830	2300	1000	<430	1200	<440	<400	<520	570	930
Dibenz(a,h)anthracene	53-70-3	ug/kg	62	210	<400	<620	<360	<440	**1800**	<440	<400	<410	<400	**1800**	<400	<420	<360	<400	<350	<390	<360	**510**	<360	**510**	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Dibenzofuran	132-64-9	ug/kg	15000	160000	<400	<620	<360	<440	1400	<440	<400	<410	<400	1600	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
3,3'-Dichlorobenzidine	91-94-1	ug/kg	1100	3800	<790	<1200	<720	<890	<1500	<890	<790	<830	<790	<870	<800	<850	<710	<800	<700	<770	<720	<830	<730	<940	<720	<930	<740	<850	<750	<880	<790	<1000	<760	<420
2,4-Dichlorophenol	120-83-2	ug/kg	18000	180000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Diethyl phthalate	84-66-2	ug/kg	4900000	100000000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
2,4-Dimethylphenol	105-67-9	ug/kg	120000	1200000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Dimthyl phthalate	131-11-3	ug/kg	100000000	100000000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Di-n-butyl phthalate	84-74-2	ug/kg	610000	6200000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	None	None	<2000	<3200	<1900	<2300	<3800	<2300	<2000	<2100	<2000	<2200	<2000	<2200	<1800	<2100	<1800	<2000	<1800	<2100	<1900	<2400	<1800	<2400	<1900	<2200	<1900	<2300	<2000	<2700	<1900	<2200
2,4-Dinitrophenol	51-28-5	ug/kg	12000	120000	<2000	<3200	<1900	<2300	<3800	<2300	<2000	<2100	<2000	<2200	<2000	<2200	<1800	<2100	<1800	<2000	<1800	<2100	<1900	<2400	<1800	<2400	<1900	<2200	<1900	<2300	<2000	<2700	<1900	<2200
2,4-Dinitrotoluene	121-14-2	ug/kg	12000	120000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
2,6-Dinitrotoluene	606-20-2	ug/kg	6100	62000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Di-n-octyl phthalate	117-84-0	ug/kg	240000	2500000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Dinoseb	88-85-7	ug/kg	61000[2]	620000[2]	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Fluoranthene	206-44-0	ug/kg	230000	2200000	670	1600	3100	15000	25000	5000	670	<410	1000	16000	<400	<420	<360	<400	<350	<390	<360	870	<360	2700	1200	5300	1500	<430	1800	<440	<400	<520	810	1400
Fluorene	86-73-7	ug/kg	270000	2600000	<400	<620	<360	480	2200	530	<400	<410	880	1900	<400	<420	<360	<400	<350	<390	850	750	<360	730	470	<460	<370	<430	<370	<440	<400	<520	<380	<420
Hexachlorobenzene	118-74-1	ug/kg	300	1100	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Hexachlorobutadiene	87-68-3	ug/kg	6200	22000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Hexachlorocyclopentadiene	77-47-4	ug/kg	37000	370000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Hexachloroethane	67-72-1	ug/kg	35000	120000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	620	2100	<400	<620	**850**	**3700**	**6000**	**960**	<400	<410	**3500**	**5100**	<400	<420	<360	<400	<350	<390	<360	460	<360	**1600**	400	**910**	540	<430	<370	<440	<400	<520	<380	<420
Isophorone	78-59-1	ug/kg	510000	510000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
1-Methylnaphthalene	90-12-0	ug/kg	16000[2]	53000[2]	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	690	2700	<360	<470	1100	<460	<370	<430	<370	<440	<400	<520	<380	670
2-Methylnaphthalene	91-57-6	ug/kg	230000[2]	2200000[2]	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	1200	4400	<360	<470	1300	<460	<370	<430	<370	<440	<400	<520	<380	760
2-Methylphenol	95-48-7	ug/kg	310000	3100000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
3 & 4-Methylphenol	106-44-5	ug/kg	31000	310000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Naphthalene	91-20-3	ug/kg	5600	19000	<400	<620	<360	<440	980	<440	<400	<410	850	1500	<400	<420	<360	<400	<350	<390	<360	840	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	420
2-Nitroaniline	88-74-4	ug/kg	18000	180000	<2000	<3200	<1900	<2300	<3800	<2300	<2000	<2100	<2000	<2200	<2000	<2200	<1800	<2100	<1800	<2000	<1800	<2100	<1900	<2400	<1800	<2400	<1900	<2200	<1900	<2300	<2000	<2700	<1900	<2200
4-Nitroaniline	100-01-6	ug/kg	24000[2]	86000[2]	<2000	<3200	<1900	<2300	<3800	<2300	<2000	<2100	<2000	<2200	<2000	<2200	<1800	<2100	<1800	<2000	<1800	<2100	<1900	<2400	<1800	<2400	<1900	<2200	<1900	<2300	<2000	<2700	<1900	<2200
Nitrobenzene	98-95-3	ug/kg	2000	10000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
2-Nitrophenol	88-75-5	ug/kg	None	None	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
4-Nitrophenol	100-02-7	ug/kg	TBC	TBC	<2000	<3200	<1900	<2300	<3800	<2300	<2000	<2100	<2000	<2200	<2000	<2200	<1800	<2100	<1800	<2000	<1800	<2100	<1900	<2400	<1800	<2400	<1900	<430	<370	<440	<400	<520	<380	<420
N-Nitrosodimethylamine	62-75-9	ug/kg	9.5	34	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	69	250	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
N-Nitrosodiphenylamine	86-30-6	ug/kg	99000	350000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Pentachlorophenol	87-86-5	ug/kg	3000	9000	<2000	<3200	<1900	<2300	<3800	<2300	<2000	<2100	<2000	<2200	<2000	<2200	<1800	<2100	<1800	<2000	<1800	<2100	<1900	<2400	<1800	<2400	<1900	<2200	<1900	<2300	<2000	<2700	<1900	<2200
Phenanthrene	85-01-8	ug/kg	202000	3060000	530	1000	1700	8700	22000	4500	<400	<410	8100	15000	<400	<420	<360	<400	<350	<390	<360	2000	<360	2900	1800	440	880	<430	900	<440	<400	<520	<380	1200
Phenol	109-95-2	ug/kg	1800000	100000000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	2300	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
Pyrene	129-00-0	ug/kg	230000	2900000	740	1500	2600	14000	22000	4600	700	<410	11000	16000	<400	<420	<360	<400	<350	<390	440	1100	<360	3000	1600	6200	1800	<430	1600	<440	<400	<520	780	1200
1,2,4-Trichlorobenzene	120-82-1	ug/kg	6200	22000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
1,2-Dichlorobenzene	95-50-1	ug/kg	600000	600000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
1,3-Dichlorobenzene	541-73-1	ug/kg	53000	600000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
1,4-Dichlorobenzene	106-46-7	ug/kg	3400	7900	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
2,4,5-Trichlorophenol	95-95-4	ug/kg	180000	1800000	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420
2,4,6-Trichlorophenol	88-06-2	ug/kg	610	6200	<400	<620	<360	<440	<730	<440	<400	<410	<400	<440	<400	<420	<360	<400	<350	<390	<360	<410	<360	<470	<360	<460	<370	<430	<370	<440	<400	<520	<380	<420

1. Alabama Risk-Based Corrective Action Preliminary Screening Values (PSVs) for Residential and Commerical soil, April 2008.
2. U.S. EPA Region 9 Regional Screening Level (RSL) for Residential and Commerical soil, April 2012.
- Bold and shaded values represent a value that exceeds the ADEM PSV or the EPA Region 9 RSL
- TBC- To be calculated
- ug/kg – micrograms per kilograms.

Table 1C
Soil Analytical Data - PCBs
Bender Shipbuilding and Repair Facility Site
Preliminary Investigation
12-2116-0039

Alabama Risk Based Corrective Action Preliminary Screening Values [1]					Sample Location ID																													
CONTAMINANT	CAS Number	Units	Residential	Commercial	B-1 5.29.12 0'-3'	B-1 5.29.12 3'-11'	B-2 5.29.12 0'-3'	B-2 5.29.12 3'-4.5'	B-3 5.29.12 0'-3'	B-3 5.29.12 3'-5.5'	B-4 5.29.12 0'-3'	B-4 5.29.12 3'-6'	B-5 5.29.12 0'-3'	B-5 5.29.12 3'-6'	B-6 5.29.12 0'-3'	B-6 5.29.12 3'-6'	B-7 5.29.12 0'-3'	B-7 5.29.12 3'-6'	B-8 5.29.12 0'-3'	B-8 5.29.12 3'-6'	B-9 5.30.12 0'-3'	B-9 5.30.12 3'-6'	B-10 5.30.12 0'-3'	B-10 5.30.12 3'-6'	B-11 5.30.12 0'-3'	B-11 5.30.12 3'-6'	B-12 5.30.12 0'-3'	B-12 5.30.12 3'-6'	B-13 5.30.12 0'-3'	B-13 5.30.12 3'-6'	B-14 5.30.12 0'-3'	B-14 5.30.12 3'-6'	B-15 5.30.12 0'-3'	B-15 5.30.12 3'-5.5'
PCB-1016	12674-11-2	ug/kg	390	21000	<40	<62	<36	<44	<73	<44	<79	<41	<200	<44	<40	<42	<36	<40	<35	<39	<36	<41	<36	<47	<36	<46	<37	<43	<37	<44	<40	<52	<38	<42
PCB-1221	11104-28-2	ug/kg	220	740	<80	<130	<73	<90	<150	<90	<160	<84	<400	<89	<81	<86	<72	<81	<71	<79	<73	<84	<74	<96	<73	<94	<76	<87	<76	<89	<80	<110	<77	<85
PCB-1232	11141-16-5	ug/kg	220	740	<40	<62	<36	<44	<73	<44	<79	<41	<200	<44	<40	<42	<36	<40	<35	<39	<36	<41	<36	<47	<36	<46	<37	<43	<37	<44	<40	<52	<38	<42
PCB-1242	53469-21-9	ug/kg	220	740	<40	<62	<36	<44	<73	<44	<79	<41	<200	<44	<40	<42	<36	<40	<35	<39	<36	<41	<36	<47	<36	<46	<37	<43	<37	<44	<40	<52	<38	<42
PCB-1248	12672-29-6	ug/kg	220	740	<40	<62	<36	<44	<73	<44	<79	<41	<200	<44	<40	<42	<36	<40	<35	<39	<36	<41	<36	<47	<36	<46	<37	<43	<37	<44	<40	<52	<38	<42
PCB-1254	11097-69-1	ug/kg	220	740	<40	<62	<36	<44	<73	<44	<79	<41	<200	<44	<40	<42	<36	<40	<35	<39	<36	<41	<36	<47	<36	<46	<37	<43	<37	<44	<40	<52	<38	<42
PCB-1260	11096-82-5	ug/kg	220	740	<40	<62	<36	<44	<73	<44	<79	<41	**480**	<44	<40	<42	<36	<40	<35	<39	<36	<41	<36	<47	**660**	<46	75	<43	<37	<44	<40	<52	62	<42

1. Alabama Risk-Based Corrective Action Preliminary Screening Values (PSVs) for Residential and Commerical soil, April 2008.
- Bold and shaded values represent a value that exceeds the ADEM PSV.
- ug/kg – micrograms per kilograms.

Table 1D
Soil Analytical Data - Inorganics
Bender Shipbuilding and Repair Facility PreliminaryInvestigation
12-2116-0039

Alabama Risk-Based Corrective Action Preliminary Screening Values[1]					Sample Location ID																													
CONTAMINANT	**CAS Number**	**Units**	**Residential**	**Commercial**	**B-1 5.29.12 0'-3'**	**B-1 5.29.12 3'-11'**	**B-2 5.29.12 0'-3'**	**B-2 5.29.12 3'-4.5'**	**B-3 5.29.12 0'-3'**	**B-3 5.29.12 3'-5.5'**	**B-4 5.29.12 0'-3'**	**B-4 5.29.12 3'-6'**	**B-5 5.29.12 0'-3'**	**B-5 5.29.12 3'-6'**	**B-6 5.29.12 0'-3'**	**B-6 5.29.12 3'-6'**	**B-7 5.29.12 0'-3'**	**B-7 5.29.12 3'-6'**	**B-8 5.29.12 0'-3'**	**B-8 5.29.12 3'-6'**	**B-9 5.30.12 0'-3'**	**B-9 5.30.12 3'-6'**	**B-10 5.30.12 0'-3'**	**B-10 5.30.12 3'-6'**	**B-11 5.30.12 0'-3'**	**B-11 5.30.12 3'-6'**	**B-12 5.30.12 0'-3'**	**B-12 5.30.12 3'-6'**	**B-13 5.30.12 0'-3'**	**B-13 5.30.12 3'-6'**	**B-14 5.30.12 0'-3'**	**B-14 5.30.12 3'-6'**	**B-15 5.30.12 0'-3'**	**B-15 5.30.12 3'-5.5'**
Antimony	7440-36-0	mg/kg	3.1	41	<1.9	<15	<8.8	<1.8	**29**	1.7	<2.0	<2.0	**3.5**	<2.2	<2.0	<2.0	2.5	<1.8	<7.7	<1.5	2.1	<12	<2.2	**6.6**	<10	<2.7	**4.2**	<2.3	**14**	**5.4**	**10**	<2.8	<2.0	<2.4
Arsenic	7440-38-2	mg/kg	0.4	1.6	**11**	**13**	**4.1**	**4.1**	**35**	**13**	**11**	**1.6**	**6.2**	**4.7**	**4.3**	**2.2**	**11**	**1.3**	**2.4**	**1.7**	**9.9**	**20**	**5.6**	**24**	**9.2**	**6.1**	**9.6**	**2.5**	**46**	**21**	**25**	**14**	**6.5**	**16**
Beryllium	7440-41-7	mg/kg	15	190	<0.39	<0.61	0.51	<0.35	0.53	<0.28	<0.39	<0.40	0.45	<0.43	<0.40	<0.41	<0.37	<0.35	<0.31	<0.30	<0.39	0.57	<0.43	<0.55	0.62	<0.53	<0.39	<0.45	1	<0.46	<0.42	<0.57	<0.41	<0.49
Cadmium	7440-43-9	mg/kg	3.7	45	1.5	<0.76	1.0	<0.44	3.1	0.4	<0.49	<0.51	7.1	0.8	<0.49	<0.51	<0.46	<0.44	<0.39	<0.37	<0.49	0.9	0.63	1.4	2.1	<0.66	6.8	<0.57	1.4	1.1	3.3	1.1	3.6	0.8
Chromium	7440-47-3	mg/kg	30	64	14	16	12	5.6	19	11	11	4.5	28	8.3	5.8	10	7.9	6.2	8.3	5.7	11	9.2	**32**	19	**63**	13	13	6.6	**63**	6.5	16	6.5	20	13
Copper	7440-50-8	mg/kg	310	4100	140	93	71	83	**800**	51	210	7.9	**330**	86	26	4.6	45	3.3	46	5.1	38	110	41	240	**1100**	62	110	27	250	65	**400**	150	96	150
Lead	7439-92-1	mg/kg	400	800	220	330	110	260	**570**	180	**880**	52	280	**790**	260	18	57	24	66	22	57	220	79	260	**700**	**470**	**530**	270	**550**	220	380	**580**	110	170
Mercury	7487-94-7	mg/kg	0.61	6.2	0.42	**0.91**	0.046	0.57	**0.64**	0.18	0.37	0.059	0.25	**6.8**	0.16	<0.015	<0.013	0.075	0.073	0.087	0.058	0.29	0.13	0.27	**1.7**	<5.3	**0.62**	0.094	0.51	0.51	0.33	**1.4**	0.27	0.22
Nickel	7440-02-0	mg/kg	160	2000	8.7	12	8.7	4.5	20	11	17	<4.0	21	6.1	<4.0	5.6	10	<3.5	3.6	<3.0	4.9	8.5	5.8	15	21	<2.0	9.5	<4.5	22	32	13	6.8	10	13
Selenium	7782-49-2	mg/kg	39	510	<1.4	<2.3	<1.3	<1.3	<1.4	<1.0	<1.5	<1.5	<1.5	<1.6	<1.5	<1.5	<1.4	<1.3	<1.2	<1.1	<1.5	<1.7	<1.6	<2.1	<1.5	<2.7	<1.5	<1.7	1.5	<1.7	<1.6	<2.1	<1.5	<1.8
Silver	7440-22-4	mg/kg	39	510	<0.97	<1.5	<0.88	<0.88	<0.94	<0.70	<0.98	<1.0	<1.0	<1.1	<0.99	<1.0	<0.92	<0.88	<0.77	<0.74	<0.99	<1.2	<1.1	<1.4	<1.0	<1.3	<0.97	<1.1	<1.0	<1.1	<1.1	<1.4	<1.0	<1.2
Thallium	7440-28-0	mg/kg	0.52	6.7	<1.4	<2.3	<1.3	<1.3	<1.4	<1.0	<1.5	<1.5	<1.5	<1.6	<1.5	<1.5	<1.4	<1.3	<1.2	<1.1	<1.5	<1.7	<1.6	<2.1	<1.5	<2.0	**1.5**	<1.7	<1.5	<1.7	<1.6	<2.1	<1.5	<1.8
Zinc	7440-66-6	mg/kg	2300	100000	850	180	250	96	1200	140	130	17	1200	170	46	42	110	15	110	15	70	190	160	620	840	230	**2700**	74	330	200	1000	240	690	420

1. Alabama Risk-Based Corrective Action Preliminary Screening Values (PSVs) for Residential and Commerical soil, April 2008.
- Bold and shaded values represent a value that exceeds the ADEM PSV.
- mg/kg – milligrams per kilograms.

Table 2A
Groundwater Analytical Data - VOCs
Bender Shipbuilding and Repair Facility Site
Preliminary Investigation
12-2116-0039

Alabama Risk Based Corrective Action Preliminary Screening Values [1]				Sample Location ID		
CONTAMINANT	**CAS Number**	**Units**	**Tap Water**	**TW-1 (6.0'-11.0') 5.29.12**	**TW-2 (5.0'-10.0') 5.29.12**	**TW-3 (5.0'-10.0') 5.29.12**
Acetone	67-64-1	ug/L	0.0042	<25	<25	<25
Benzene	71-43-2	ug/L	5	<1.0	<1.0	<1.0
Bromoform	75-25-2	ug/L	80	<1.0	<1.0	<1.0
Bromomethane	74-83-9	ug/L	0.87	<1.0	<1.0	<1.0
2-Butanone (MEK)	78-93-3	ug/L	700	<10	<10	<10
Carbon disulfide	75-15-0	ug/L	100	<1.0	<1.0	<1.0
Carbon tetrachloride	56-23-5	ug/L	5	<1.0	<1.0	<1.0
Chlorobenzene	108-90-7	ug/L	100	<1.0	<1.0	<1.0
Chloroethane	75-00-3	ug/L	4.6	<1.0	<1.0	<1.0
Chlorodibromomethane	124-48-1	ug/L	None	<1.0	<1.0	<1.0
Chloroform	67-66-3	ug/L	80	<1.0	<1.0	<1.0
Chloromethane	74-87-3	ug/L	1.6	<1.0	<1.0	<1.0
(cis)-1,2-Dichloroethene	156-59-2	ug/L	70	<1.0	<1.0	<1.0
(cis)-1,3-Dichloropropene	542-75-6	ug/L	0.4	<1.0	<1.0	<1.0
Dibromochloromethane	124-48-1	ug/L	80	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	95-50-1	ug/L	600	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	541-73-1	ug/L	18	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	106-46-7	ug/L	75	<1.0	<1.0	<1.0
Dichlorobromomethane	75-27-4	ug/L	None	<1.0	<1.0	<1.0
1,1-Dichloroethane	75-34-3	ug/L	81	<1.0	<1.0	<1.0
1,2-Dichloroethane	107-06-2	ug/L	5	<1.0	<1.0	<1.0
1,1-Dichloroethene	75-35-4	ug/L	7	<1.0	<1.0	<1.0
1,2-Dichloropropane	78-87-5	ug/L	5	<1.0	<1.0	<1.0
Ethylbenzene	100-41-4	ug/L	700	<1.0	<1.0	<1.0
2-Hexanone	591-78-6	ug/L	47[2]	<10	<10	<10
Methylene chloride	75-09-2	ug/L	5	<5.0	<5.0	<5.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	200	<10	<10	<10
m-Xylene & p-Xylene	106-42-3	ug/L	200[2]	<2.0	<2.0	<2.0
o-Xylene	95-47-6	ug/L	200[2]	<1.0	<1.0	<1.0
Styrene	160-42-5	ug/L	100	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	0.055	<1.0	<1.0	<1.0
Tetrachloroethene	127-18-4	ug/L	5	<1.0	<1.0	<1.0
Toluene	108-88-3	ug/L	1000	<1.0	<1.0	<1.0
(trans)-1,2-Dichloroethene	156-60-5	ug/L	100	<1.0	<1.0	<1.0
(trans)-1,3-Dichloropropene	542-75-6	ug/L	0.4	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	71-55-6	ug/L	200	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	79-00-5	ug/L	5	<1.0	<1.0	<1.0
Trichloroethene (TCE)	79-01-6	ug/L	5	<1.0	<1.0	<1.0
Vinyl chloride	75-01-4	ug/L	2	<1.0	<1.0	<1.0
Xylenes (Total)	1330-20-7	ug/L	10000	<3.0	<3.0	<3.0

1. Alabama Risk-Based Corrective Action Preliminary Screening Values (PSVs) for Tapwater/Groundwater, April 2
2. U.S. EPA Region 9 Regional Screening Level (RSL) for Tapwater, April 2012.
- ug/L – micrograms per kilograms.

Table 2B
Groundwater Analytical Data - SVOCs
Bender Shipbuilding and Repair Facility Site
Preliminary Investigation
12-2116-0039

Alabama Risk Based Corrective Action Preliminary Screening Values [1]				Sample Location ID		
CONTAMINANT	CAS Number	Units	Tap Water	TW-1 (6.0'-11.0') 5.29.12	TW-2 (5.0'-10.0') 5.29.12	TW-3 (5.5'-10.0') 5.29.12
Acenaphthene	83-32-9	ug/L	37	<9.3	<9.3	<9.3
Acenaphthylene	208-96-8	ug/L	93.9	<9.3	<9.3	<9.3
Anthracene	120-12-7	ug/L	180	<9.3	<9.3	<9.3
Benzidine	92-87-5	ug/L	0.00029	<75	<74	<74
Benzo(a)anthracene	56-55-3	ug/L	0.092	<9.3	<9.3	<9.3
Benzo(a)pyrene	50-32-8	ug/L	0.2	<9.3	<9.3	<9.3
Benzo(b)fluoranthene	205-99-2	ug/L	0.092	<9.3	<9.3	<9.3
Benzo(g,h,i)perylene	191-24-2	ug/L	46.9	<9.3	<9.3	<9.3
Benzo(k)fluoranthene	207-08-9	ug/L	0.92	<9.3	<9.3	<9.3
bis(2-chloroethoxy)methane	111-91-1	ug/L	None	<9.3	<9.3	<9.3
bis(2-chloroethyl)ether	111-44-4	ug/L	0.01	<9.3	<9.3	<9.3
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	6.0	<9.3	<9.3	<9.3
4-bromophenyl phenyl ether	101-55-3	ug/L	None	<9.3	<9.3	<9.3
Butyl benzyl phthalate	85-68-7	ug/L	730	<9.3	<9.3	<9.3
Carbazole	86-74-8	ug/L	3.4	<9.3	<9.3	<9.3
4-Chloroaniline	106-47-8	ug/L	15	<9.3	<9.3	<9.3
4-Chloro-3-methylphenol	59-50-7	ug/L	None	<9.3	<9.3	<9.3
2-Chlorophenol	95-57-8	ug/L	3	<9.3	<9.3	<9.3
4-chlorophenyl phenyl ether	7005-72-3	ug/L	None	<47	<46	<46
Chrysene	218-01-9	ug/L	9.2	<9.3	<9.3	<9.3
Dibenz(a,h)anthracene	53-70-3	ug/L	0.0092	<9.3	<9.3	<9.3
Dibenzofuran	132-64-9	ug/L	1.2	<9.3	<9.3	<9.3
3,3'-Dichlorobenzidine	91-94-1	ug/L	0.15	<19	<19	<19
2,4-Dichlorophenol	120-83-2	ug/L	11	<9.3	<9.3	<9.3
Diethyl phthalate	84-66-2	ug/L	2900	<9.3	<9.3	<9.3
2,4-Dimethylphenol	105-67-9	ug/L	73	<9.3	<9.3	<9.3
Dimthyl phthalate	131-11-3	ug/L	36000	<9.3	<9.3	<9.3
Di-n-butyl phthalate	84-74-2	ug/L	360	<9.3	<9.3	<9.3
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	None	<47	<46	<46
2,4-Dinitrophenol	51-28-5	ug/L	7.3	<47	<46	<46
2,4-Dinitrotoluene	121-14-2	ug/L	7.3	<9.3	<9.3	<9.3
2,6-Dinitrotoluene	606-20-2	ug/L	3.6	<9.3	<9.3	<9.3
Di-n-octyl phthalate	117-84-0	ug/L	150	<9.3	<9.3	<9.3
Dinoseb	88-85-7	ug/L	37[2]	<9.3	<9.3	<9.3
Fluoranthene	206-44-0	ug/L	150	<9.3	<9.3	<9.3
Fluorene	86-73-7	ug/L	24	<9.3	<9.3	<9.3
Hexachlorobenzene	118-74-1	ug/L	1	<9.3	<9.3	<9.3
Hexachlorobutadiene	87-68-3	ug/L	0.86[2]	<9.3	<9.3	<9.3
Hexachlorocyclopentadiene	77-47-4	ug/L	50	<9.3	<9.3	<9.3
Hexachloroethane	67-72-1	ug/L	4.8	<9.3	<9.3	<9.3
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.092	<9.3	<9.3	<9.3
Isophorone	78-59-1	ug/L	71	<9.3	<9.3	<9.3
1-Methylnaphthalene	90-12-0	ug/L	2.3[2]	<9.3	<9.3	<9.3
2-Methylnaphthalene	91-57-6	ug/L	6.26	<9.3	<9.3	<9.3
2-Methylphenol	95-48-7	ug/L	180	<9.3	<9.3	<9.3
3 & 4 Methylphenol	106-44-5	ug/L	18	<9.3	<9.3	<9.3
Naphthalene	91-20-3	ug/L	0.62	<9.3	<9.3	<9.3
2-Nitroaniline	88-74-4	ug/L	11	<47	<46	<46
4-Nitroaniline	100-01-6	ug/L	3.4[2]	<47	<46	<46
Nitrobenzene	98-95-3	ug/L	0.34	<9.3	<9.3	<9.3
2-Nitrophenol	88-75-5	ug/L	None	<9.3	<9.3	<9.3
4-Nitrophenol	100-02-7	ug/L	12.5	<47	<46	<46
N-Nitrosodimethylamine	62-75-9	ug/L	0.0013	<9.3	<9.3	<9.3
N-Nitrosodi-n-propylamine	621-64-7	ug/L	0.0096	<9.3	<9.3	<9.3
N-Nitrosodiphenylamine	86-30-6	ug/L	14	<9.3	<9.3	<9.3
Pentachlorophenol	87-86-5	ug/L	1	<47	<46	<46
Phenanthrene	85-01-8	ug/L	46.9	<9.3	<9.3	<9.3
Phenol	109-95-2	ug/L	1100	<9.3	<9.3	<9.3
Pyrene	129-00-0	ug/L	18	<9.3	<9.3	<9.3
1,2,4-Trichlorobenzene	120-82-1	ug/L	7.0[2]	<9.3	<9.3	<9.3
2,4,5-Trichlorophenol	95-95-4	ug/L	360	<9.3	<9.3	<9.3
2,4,6-Trichlorophenol	88-06-2	ug/L	0.36	<9.3	<9.3	<9.3

1. Alabama Risk-Based Corrective Action Preliminary Screening Values (PSVs) for Tapwater/Groundwater, April 2008.
2. U.S. EPA Region 9 Regional Screening Level (RSL) for Tapwater, June 2011.
- ug/L – micrograms per kilograms.

Table 2C
Groundwater Analytical Data - PCBs
Bender Shipbuilding and Repair Facility Site
Preliminary Investigation
12-2116-0039

Alabama Risk Based Corrective Action Preliminary Screening Values [1]				Sample Location ID		
CONTAMINANT	CAS Number	Units	Tap Water	TW-1 (6.0'-11.0') 5.29.12	TW-2 (5.0'-10.0') 5.29.12	TW-3 (5.0'-10.0') 5.29.12
PCB-1016	12674-11-2	ug/L	0.96	<0.95	<0.98	<0.95
PCB-1221	11104-28-2	ug/L	0.034	<1.9	<2.0	<1.9
PCB-1232	11141-16-5	ug/L	0.034	<0.95	<0.98	<0.95
PCB-1242	53469-21-9	ug/L	0.034	<0.95	<0.98	<0.95
PCB-1248	12672-29-6	ug/L	0.034	<0.95	<0.98	<0.95
PCB-1254	11097-69-1	ug/L	0.034	<0.95	<0.98	<0.95
PCB-1260	11096-82-5	ug/L	0.034	<0.95	<0.98	<0.95

1. Alabama Risk-Based Corrective Action Preliminary Screening Values (PSVs) for Tapwater/Groundwater, April 2008.
- ug/L – micrograms per kilograms.

Table 2D
Groundwater Analytical Data - Inorganics
Bender Shipbuilding and Repair Facility Site
Preliminary Investigation
12-2116-0039

Alabama Risk Based Corrective Action Preliminary Screening Values [1]				Sample Location ID		
CONTAMINANT	**CAS Number**	**Units**	**Tap Water**	**TW-1 (6.0'-11.0') 5.29.12**	**TW-2 (5.0'-10.0') 5.29.12**	**TW-3 (5.0'-10.0') 5.29.12**
Antimony	7440-36-0	mg/L	0.006	<0.020	<0.020	<0.020
Arsenic	7440-38-2	mg/L	0.01	<0.015	<0.015	<0.015
Beryllium	7440-41-7	mg/L	0.004	<0.0040	<0.0040	<0.0040
Cadmium	7440-43-9	mg/L	0.005	<0.0050	<0.0050	<0.0050
Chromium (Total)	7440-47-3	mg/L	0.10	<0.010	<0.010	<0.010
Copper	7440-50-8	mg/L	1.3	0.052	0.022	0.029
Lead	7439-92-1	mg/L	0.015	**0.29**	**0.15**	**0.22**
Mercury	7487-94-7	mg/L	0.002	**0.79**	**0.35**	<0.20
Nickel	7440-02-0	mg/L	0.1	<0.040	<0.040	<0.040
Selenium	7782-49-2	mg/L	0.05	<0.015	<0.015	<0.015
Silver	7440-22-4	mg/L	0.018	<0.010	<0.010	<0.010
Thallium	7440-28-0	mg/L	0.002	<0.015	<0.015	<0.015
Zinc	7440-66-6	mg/L	1.1	0.16	0.061	0.09

1. Alabama Risk-Based Corrective Action Preliminary Screening Values (PSVs) for Tapwater/Groundwater, April 2008.
- Bold and shaded values represent a value that exceeds the ADEM PSV
- mg/L – milligrams per kilograms.

APPENDIX A
GROUNDWATER SAMPLING FIELD PARAMETER MEASURMENTS AND GROUNDWATER ELEVATIONS

FIELD GROUNDWATER DATA
pH, TEMPERATURE, SPECIFIC CONDUCTANCE, AND TURBIDITY

BENDER SHIPBUILDING AND REPAIR FACILITY
I-10 MOBILE RIVER BRIDGE
MOBILE, MOBILE COUNTY, ALABAMA

Well I.D.	pH (S.U)	Temperature (^{o}C)	Specific Conductance (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
TW-1	5.2	23.1	1.35	2.45	90
TW-2	5.6	24.6	0.691	1.3	126
TW-3	5.5	24.7	0.802	1.63	47

Notes:
1. Reading presented are the final well volume. See Appendix B for the parameters per well volume purged.
2. S.U. - Standard Units
3. oC - Degrees Celcius
4. uS - micro Siemens per Centimeter
5. mg/L-milligrams per liter
6. Turbidity readings are measured in NTU (Nephelometric Turbidity Units)

GROUNDWATER ELEVATION DATA

BENDER SHIPBUILDING AND REPAIR FACILITY
I-10 MOBILE RIVER BRIDGE
MOBILE, MOBILE COUNTY, ALABAMA

WELL I.D.	CASING DIAMETER	T.O.C. ELEVATION	DEPTH TO WATER at 0800	GROUNDWATER ELEVATION at 0800
TW-1	1	2.00	3.8	-1.80
TW-2	1	2.05	3.8	-1.75
TW-3	1	6.37	6.97	-0.60

Notes:
1. Groundwater elevations based on gauging events of May 30, 2012.
2. T.O.C. denotes top of casing elevation above Mean Sea Level.
3. All measurements in feet above Mean Sea Level.
4. The benchmark used was arbitrarily chosen from a GIS spot elevation.

APPENDIX B
BORING LOGS

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MONITORING WELL CONSTRUCTION DETAILS

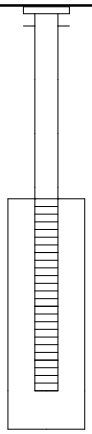
CLIENT: Alabama Department of Transportation **T.O.C ELEVATION:** 2.00 FEET MSL

PROJECT: I-10 Mobile River Bridge

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/29/2012 **GR. WATER DEPTH:** 4.5 FEET

BORING NO.: B/TW-1 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		CONCRETE	1-inch diameter schedule 40 PVC casing and screen (0.010 inch machine slotted intake); Flush-threaded joints with bottom cap		
		Black SILTY SAND and GRAVEL Chemical odor present			
		dark gray, trace odor			
		Black CLAYEY SILT, trace odor			
5		SILT and broken SHELL saturated			
		PEAT and WOOD			
		Black SILTY SAND			
10					
		B.T. @ 11 ft bgs			
15					
20					
25					
30					
35					



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MONITORING WELL CONSTRUCTION DETAILS

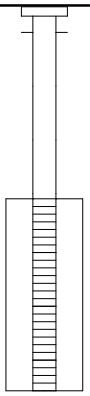
CLIENT: Alabama Department of Transportation **T.O.C ELEVATION:** 2.05 FEET MSL

PROJECT: I-10 Mobile River Bridge

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/29/2012 **GR. WATER DEPTH:** 4.5 FEET

BORING NO.: B/TW-2 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		FILL ROCK	1-inch diameter schedule 40 PVC casing and screen (0.010 inch machine slotted intake); Flush-threaded joints with bottom cap		
		Light brown SILTY SAND and GRAVEL			
		Gray and black SILTY SAND with metal fragments moist			
		Black SANDY SILT and GRAVEL			
5		saturated			
10		B.T. @ 10 ft bgs			
15					
20					
25					
30					
35					



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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 6.37 FEET MSL

PROJECT: I-10 Mobile River Bridge

JOB NO.: 12-2116-0039

DATE DRILLED: 5/29/2012

GR. WATER DEPTH: 6.5 FEET

BORING NO.: B/TW-3

LOCATION: BENDER SHIPBUILDING

TYPE BORING: HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Black SANDY SILT with trace SHELLS and GRAVEL	1-inch diameter schedule 40 PVC casing and screen (0.010 inch machine slotted intake): Flush-threaded joints with bottom cap		
		COAL present			
5		Black SANDY SILT with GRAVEL saturated			
10		B.T. @ 10 ft bgs			
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 6 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/29/2012 **GR. WATER DEPTH:** 6 FEET

BORING NO.: B-4 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Black SANDY SILT with trace SHELLS and GRAVEL			
		COAL present			
		Black SANDY SILT with GRAVEL			
5					
		saturated B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 6 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/29/2012 **GR. WATER DEPTH:** 6 FEET

BORING NO.: B-5 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Black SILTY SAND with GRAVEL and pieces of metal, rubber, and paint chips			
5		saturated B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5.5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/29/2012 **GR. WATER DEPTH:** 6 FEET

BORING NO.: B-6 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
		CONCRETE SLAB			
		VOID SPACE			
0		Black SILTY SAND with GRAVEL			
5		Gray SILTY SAND saturated			
		Light gray soft SILTY CLAY			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5.5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/29/2012 **GR. WATER DEPTH:** 6 FEET

BORING NO.: B-7 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Red SILTY SAND with GRAVEL			
		Black SILTY SAND, moist			
5		saturated			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5.5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/29/2012 **GR. WATER DEPTH:** 5.5 FEET

BORING NO.: B-8 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Black SILTY SAND with GRAVEL			
		Black SILTY SAND, moist			
		COAL			
5		WOOD chips			
		Black SILTY SAND, moist saturated			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/30/2012 **GR. WATER DEPTH:**

BORING NO.: B-9 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		CONCRETE			
		Black SILTY SAND with GRAVEL petroluem odor present moist			
		Gray and orange mottled fat CLAY			
		Gray SILTY SAND with GRAVEL			
5		COAL			
		Gray SILTY SAND WOOD chips and SHELL			
		Black SILTY SAND saturated			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/30/2012 **GR. WATER DEPTH:**

BORING NO.: B-10 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		CONCRETE			
		Black SILTY SAND with GRAVEL			
		Gray SILTY SAND, chemical odor present, moist			
		Dark gray SILTY SAND with GRAVELand COAL			
5		Light gray SILTY SAND, slight odor present, saturated			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5.5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/30/2012 **GR. WATER DEPTH:**

BORING NO.: B-11 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Brown SILTY SAND with GRAVEL, chemical odor and metal fragments present			
		Black SILTY SAND with SHELL fragments, odor present			
5		SHELL and metal fragments			
		Black SILTY SAND, moist			
		WOOD chips, saturated			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5.5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/30/2012 **GR. WATER DEPTH:**

BORING NO.: B-12 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Black SILTY SAND with GRAVEL and SHELL			
		CLAY present			
5		Gray SILTY SAND, moist			
		saturated			
		WOOD chips, slight odor present			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5.5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/30/2012 **GR. WATER DEPTH:**

BORING NO.: B-13 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Light gray to brown SILTY SAND with GRAVEL and SHELL			
		Black SILTY SAND and COAL, moist			
		Black SILTY SAND intermixed with COAL and SHELL			
5		Light gray SILTY SAND			
		Black SILTY SAND with COAL, saturated			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/30/2012 **GR. WATER DEPTH:**

BORING NO.: B-14 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER/GEOPROBE

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Black SILTY SAND with GRAVEL			
		moist			
		Black SILTY SAND with WOOD and PEAT, moist			
5		saturated			
		Gray SILTY SAND, saturated			
		B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

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AASHTO R18

MONITORING WELL CONSTRUCTION DETAILS

CLIENT: Alabama Department of Transportation

T.O.C ELEVATION: 5.5 FEET

PROJECT: I-10 Mobile River Bridge

SEE TOPOGRAPHIC MAP

JOB NO.: 12-2116-0039 **DATE DRILLED:** 5/30/2012 **GR. WATER DEPTH:**

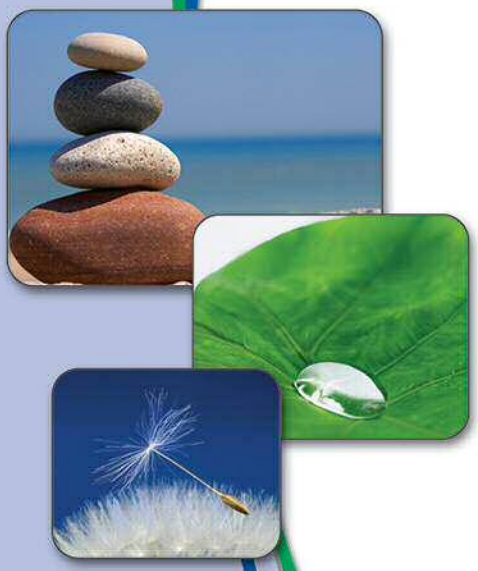
BORING NO.: B-15 **LOCATION:** BENDER SHIPBUILDING **TYPE BORING:** HAND AUGER

DEPTH IN FEET	SYMBOL	DESCRIPTION	WELL MATERIALS	ANNULAR MATERIALS	WELL DIAGRAM
0		Brown SILTY SAND with GRAVEL and SHELL moist			
5		Black SILTY SAND, saturated B.T. @ 6 ft bgs			
10					
15					
20					
25					
30					
35					

APPENDIX C
LABORATORY ANALYTICAL DATA WITH RELATED CHAIN-OF-CUSTODY

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Mobile
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Tel: (251)666-6633

TestAmerica Job ID: 700-67982-1
Client Project/Site: ALDOT- Bender Shipbuilding

For:
Thompson Engineering Inc
2970 Cottage Hill Rd.
Suite 190
Mobile, Alabama 36606

Attn: Mr. Bill Parrish

Authorized for release by:
6/1/2012 4:00:07 PM

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Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the 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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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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Laboratory: TestAmerica Mobile

Narrative

Job Narrative
700-67982-1

Comments
No additional comments.

Receipt
The samples were received on 5/29/2012 4:12 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.6º C and 4.2º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) for analytical batch 117500 exceeded control criteria for 3 of 43 compounds (93% passing). The method criteria requires a minimum of 80% passing for the analysis of samples. A reporting limit standard (MRL) was analyzed with the batch, and all the affected analytes were detected. The related samples were non-detect for the affected analytes. The data have been qualified and reported.

Method(s) 8260C: The laboratory control sample duplicate (LCSD) for batch 117500 exceeded control limits for several analytes. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) for analytical batch 117535 exceeded control criteria for 9 of 52 compounds (83% passing). The method criteria requires a minimum of 80% passing for the analysis of samples. A reporting limit standard (MRL) was analyzed with the batch, and all the affected analytes were detected. The related samples were non-detect for the affected analytes. The data have been qualified and reported.

Method(s) 8260C: The continuing calibration verification (CCV) for analytical batch 117614 exceeded control criteria for 2 of 43 compounds (95% passing). The method criteria requires a minimum of 80% passing for the analysis of samples. A reporting limit standard (MRL) was analyzed with the batch, and all the affected analytes were detected. The related samples were non-detect for the affected analytes. The data have been qualified and reported.

Method(s) 8260C: Internal standard responses were outside of acceptance limits for the following samples: B-3 (3'-5.5') (700-67982-6), B-6 (0'-3') (700-67982-11), B-7 (3'-6') (700-67982-14). The samples show evidence of matrix interference; verified by reanalysis with concurring results.

Method(s) 8260C: Internal standard responses were outside of acceptance limits for the following sample(s): 67982A3, 67982A4, 67982A9, 67982A10, 67982A16, 68015C7, and 68015C10.B-1 (0'-3') (700-67982-1), B-1 (3'-11') (700-67982-2), B-2 (0'-3') (700-67982-3), B-2 (3'-4.5') (700-67982-4), B-5 (0'-3') (700-67982-9), B-5 (3'-6') (700-67982-10), B-8 (3'-6') (700-67982-16). The sample(s) shows evidence of matrix interference.

Method(s) 8260C: The continuing calibration verification (CCV) for analytical batch 117645 exceeded control criteria for 16 of the 85 compounds (81% passing). The method criteria requires a minimum of 80% passing for the analysis of samples. A reporting limit standard (MRL) was analyzed with the batch, and all the affected analytes were detected. The related samples were non-detect for the affected analytes. The data have been qualified and reported.

Method(s) 8260C: Internal standard responses were outside of acceptance limits for the following sample: B-3 (0'-3') (700-67982-5). The sample shows evidence of matrix interference; verified by reanalysis with concurring results.

Method(s) 8260C: Internal standard responses were outside of acceptance limits for the following sample: B-8 (0'-3') (700-67982-15). The sample shows evidence of matrix interference. Sample not reanalyzed due to time constraints. Data has been flagged and reported on an as-is basis.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate

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Laboratory: TestAmerica Mobile (Continued)

compounds outside limits: B-6 (0'-3') (700-67982-11), B-6 (3'-6') (700-67982-12), B-7 (3'-6') (700-67982-14), B-8 (0'-3') (700-67982-15), B-8 (3'-6') (700-67982-16). These results have been reported and qualified.

Method(s) 8270D: Due to the matrix, the initial volume(s) used for the following sample(s) deviated from the standard procedure: B-3 (0'-3') (700-67982-5). The reporting limits (RLs) have been adjusted proportionately.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081B/8082A: 2 surrogates are used for this analysis. The laboratory's SOP allows 1 of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: (700-67982-19 MS), TW-1 (700-67982-17), TW-2 (700-67982-18), TW-3 (700-67982-19). These results have been reported and qualified.

Method(s) 8081B/8082A: Internal standard (ISTD) response for the following sample(s) was outside control limits: TW-1 (700-67982-17). The sample(s) was re-analyzed with concurring results. The original set of data has been reported.

Method(s) 8081B/8082A: Internal standard (ISTD) response for the following sample(s) was outside control limits: (700-67982-15 MS), (700-67982-15 MSD), B-1 (0'-3') (700-67982-1), B-1 (3'-11') (700-67982-2), B-2 (0'-3') (700-67982-3), B-2 (3'-4.5') (700-67982-4), B-3 (0'-3') (700-67982-5), B-3 (3'-5.5') (700-67982-6), B-4 (3'-6') (700-67982-8), B-5 (3'-6') (700-67982-10), B-6 (0'-3') (700-67982-11), B-6 (3'-6') (700-67982-12), B-7 (0'-3') (700-67982-13), B-7 (3'-6') (700-67982-14), B-8 (0'-3') (700-67982-15), B-8 (3'-6') (700-67982-16). The sample(s) was re-analyzed with concurring results. The original set of data has been reported.

No other analytical or quality issues were noted.

Metals

Method(s) 6010C: The following sample(s) was diluted due to the abundance of non-target analytes: B-1 (3'-11') (700-67982-2), B-2 (0'-3') (700-67982-3), B-8 (0'-3') (700-67982-15). Elevated reporting limits (RLs) are provided for antimony and lead.

Method(s) 7471B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 117483 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Data qualified and reported.

No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

Method(s) 3550C: Due to the matrix (dark and oily), the initial volume(s) used for the following sample(s) on batch 117503 deviated from the standard procedure.

Method(s) 3550C: Due to the matrix (dark and oily), the initial amount used for the following sample(s) on batch 117477 deviated from the standard procedure.

No other analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-1 (0'-3')
Date Collected: 05/29/12 10:10
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-1
Matrix: Solid
Percent Solids: 83.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,1,1-Trichloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,1,2-Trichloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,1-Dichloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,1-Dichloroethene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,2-Dichloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,2-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,3-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,4-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
cis-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
1,2-Dichloropropane	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Acetone	<60		60		ug/Kg	☼		06/01/12 00:56	1
Benzene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Bromoform	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Bromomethane	<12		12		ug/Kg	☼		06/01/12 00:56	1
Carbon disulfide	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Carbon tetrachloride	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Chlorobenzene	**14**		6.0		ug/Kg	☼		06/01/12 00:56	1
Chlorodibromomethane	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Chloroethane	<12		12		ug/Kg	☼		06/01/12 00:56	1
Chloromethane	<12		12		ug/Kg	☼		06/01/12 00:56	1
Chloroform	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Dichlorobromomethane	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Ethylbenzene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
2-Hexanone	<30		30		ug/Kg	☼		06/01/12 00:56	1
Methylene Chloride	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
4-Methyl-2-pentanone (MIBK)	<30		30		ug/Kg	☼		06/01/12 00:56	1
2-Butanone (MEK)	<30		30		ug/Kg	☼		06/01/12 00:56	1
o-Xylene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Xylenes, Total	<18		18		ug/Kg	☼		06/01/12 00:56	1
Styrene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Trichloroethene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Toluene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
Vinyl chloride	<12		12		ug/Kg	☼		06/01/12 00:56	1
trans-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
trans-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
cis-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		06/01/12 00:56	1
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		06/01/12 00:56	1
Tetrachloroethene	**6.9**		6.0		ug/Kg	☼		06/01/12 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*91*		*30 - 140*		*06/01/12 00:56*	*1*
4-Bromofluorobenzene	*84*		*30 - 126*		*06/01/12 00:56*	*1*
Toluene-d8 (Surr)	*90*		*42 - 130*		*06/01/12 00:56*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
1,2-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
1,3-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
1,4-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-1 (0'-3')
Date Collected: 05/29/12 10:10
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-1
Matrix: Solid
Percent Solids: 83.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2,4,5-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2,4,6-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2,4-Dichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2,4-Dimethylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2,4-Dinitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2,4-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2,6-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2-Chlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2-Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
2-Nitrophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
3 & 4 Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
3,3'-Dichlorobenzidine	<790		790		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
4,6-Dinitro-2-methylphenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
4-Bromophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
4-Chloro-3-methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
4-Chloroaniline	<790		790		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
4-Chlorophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
4-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
4-Nitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Acenaphthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Acenaphthylene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Benzidine	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Benzo[a]anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Benzo[a]pyrene	**520**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Benzo[b]fluoranthene	**630**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Benzo[g,h,i]perylene	**440**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Benzo[k]fluoranthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Bis(2-chloroethoxy)methane	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Bis(2-chloroethyl)ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Bis(2-ethylhexyl) phthalate	**800**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Butyl benzyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Chrysene	**500**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Di-n-butyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Di-n-octyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Dibenz(a,h)anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Dibenzofuran	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Diethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Dimethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Dinoseb	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Fluoranthene	**670**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Fluorene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Hexachlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Hexachlorobutadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Hexachlorocyclopentadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Hexachloroethane	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Indeno[1,2,3-cd]pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Isophorone	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-1 (0'-3')
Date Collected: 05/29/12 10:10
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-1
Matrix: Solid
Percent Solids: 83.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
N-Nitrosodiphenylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Naphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Nitrobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Pentachlorophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Phenanthrene	**530**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Phenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Pyrene	**740**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
Carbazole	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5
N-Nitrosodimethylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 19:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 19:47*	*5*
2-Fluorobiphenyl	*56*		*31 - 130*	*05/30/12 13:00*	*05/30/12 19:47*	*5*
2-Fluorophenol (Surr)	*44*		*10 - 128*	*05/30/12 13:00*	*05/30/12 19:47*	*5*
Nitrobenzene-d5 (Surr)	*41*		*35 - 130*	*05/30/12 13:00*	*05/30/12 19:47*	*5*
Phenol-d5 (Surr)	*50*		*29 - 130*	*05/30/12 13:00*	*05/30/12 19:47*	*5*
Terphenyl-d14 (Surr)	*62*		*37 - 149*	*05/30/12 13:00*	*05/30/12 19:47*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 16:38	5
PCB-1221	<80		80		ug/Kg	☼	05/30/12 09:00	05/30/12 16:38	5
PCB-1232	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 16:38	5
PCB-1242	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 16:38	5
PCB-1248	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 16:38	5
PCB-1254	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 16:38	5
PCB-1260	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 16:38	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*30 - 150*	*05/30/12 09:00*	*05/30/12 16:38*	*5*
Tetrachloro-m-xylene	*50*		*30 - 150*	*05/30/12 09:00*	*05/30/12 16:38*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.9		1.9		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Arsenic	**11**		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Beryllium	<0.39		0.39		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Cadmium	**1.5**		0.48		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Chromium	**14**		0.97		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Copper	**140**		1.9		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Lead	**220**		0.72		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Nickel	**8.7**		3.9		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Selenium	<1.4		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Silver	<0.97		0.97		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Thallium	<1.4		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1
Zinc	**850**		1.9		mg/Kg	☼	05/30/12 10:10	05/30/12 18:24	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.42**		0.015		mg/Kg	☼	05/30/12 10:35	05/30/12 23:05	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-1 (3'-11')
Date Collected: 05/29/12 10:18
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-2
Matrix: Solid
Percent Solids: 53.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,1,1-Trichloroethane	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,1,2-Trichloroethane	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,1-Dichloroethane	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,1-Dichloroethene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,2-Dichloroethane	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,2-Dichlorobenzene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,3-Dichlorobenzene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,4-Dichlorobenzene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
cis-1,2-Dichloroethene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
1,2-Dichloropropane	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Acetone	**210**		93		ug/Kg	☼		05/31/12 22:19	1
Benzene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Bromoform	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Bromomethane	<19		19		ug/Kg	☼		05/31/12 22:19	1
Carbon disulfide	**24**		9.3		ug/Kg	☼		05/31/12 22:19	1
Carbon tetrachloride	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Chlorobenzene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Chlorodibromomethane	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Chloroethane	<19		19		ug/Kg	☼		05/31/12 22:19	1
Chloromethane	<19		19		ug/Kg	☼		05/31/12 22:19	1
Chloroform	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Dichlorobromomethane	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Ethylbenzene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
2-Hexanone	<46		46		ug/Kg	☼		05/31/12 22:19	1
Methylene Chloride	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
4-Methyl-2-pentanone (MIBK)	<46		46		ug/Kg	☼		05/31/12 22:19	1
2-Butanone (MEK)	<46		46		ug/Kg	☼		05/31/12 22:19	1
o-Xylene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Xylenes, Total	<28		28		ug/Kg	☼		05/31/12 22:19	1
Styrene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Trichloroethene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Toluene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
Vinyl chloride	<19		19		ug/Kg	☼		05/31/12 22:19	1
trans-1,3-Dichloropropene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
trans-1,2-Dichloroethene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
cis-1,3-Dichloropropene	<9.3		9.3		ug/Kg	☼		05/31/12 22:19	1
m-Xylene & p-Xylene	<19		19		ug/Kg	☼		05/31/12 22:19	1
Tetrachloroethene	**14**		9.3		ug/Kg	☼		05/31/12 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*110*		*30 - 140*		*05/31/12 22:19*	*1*
4-Bromofluorobenzene	*76*		*30 - 126*		*05/31/12 22:19*	*1*
Toluene-d8 (Surr)	*92*		*42 - 130*		*05/31/12 22:19*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
1,2-Dichlorobenzene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
1,3-Dichlorobenzene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
1,4-Dichlorobenzene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-1 (3'-11')
Date Collected: 05/29/12 10:18
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-2
Matrix: Solid
Percent Solids: 53.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2,4,5-Trichlorophenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2,4,6-Trichlorophenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2,4-Dichlorophenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2,4-Dimethylphenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2,4-Dinitrophenol	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2,4-Dinitrotoluene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2,6-Dinitrotoluene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2-Chlorophenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2-Methylnaphthalene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2-Methylphenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2-Nitroaniline	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
2-Nitrophenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
3 & 4 Methylphenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
3,3'-Dichlorobenzidine	<1200		1200		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
4,6-Dinitro-2-methylphenol	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
4-Bromophenyl phenyl ether	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
4-Chloro-3-methylphenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
4-Chloroaniline	<1200		1200		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
4-Chlorophenyl phenyl ether	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
4-Nitroaniline	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
4-Nitrophenol	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Acenaphthene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Acenaphthylene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Anthracene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Benzidine	<5100		5100		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Benzo[a]anthracene	**690**		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Benzo[a]pyrene	**800**		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Benzo[b]fluoranthene	**940**		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Benzo[g,h,i]perylene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Benzo[k]fluoranthene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Bis(2-chloroethoxy)methane	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Bis(2-chloroethyl)ether	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Bis(2-ethylhexyl) phthalate	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Butyl benzyl phthalate	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Chrysene	**940**		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Di-n-butyl phthalate	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Di-n-octyl phthalate	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Dibenz(a,h)anthracene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Dibenzofuran	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Diethyl phthalate	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Dimethyl phthalate	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Dinoseb	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Fluoranthene	**1600**		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Fluorene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Hexachlorobenzene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Hexachlorobutadiene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Hexachlorocyclopentadiene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Hexachloroethane	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Indeno[1,2,3-cd]pyrene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Isophorone	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-1 (3'-11')
Date Collected: 05/29/12 10:18
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-2
Matrix: Solid
Percent Solids: 53.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
N-Nitrosodiphenylamine	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Naphthalene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Nitrobenzene	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Pentachlorophenol	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Phenanthrene	**1000**		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Phenol	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Pyrene	**1500**		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
Carbazole	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5
N-Nitrosodimethylamine	<620		620		ug/Kg	☼	05/30/12 13:00	05/30/12 20:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 20:18*	*5*
2-Fluorobiphenyl	*53*		*31 - 130*	*05/30/12 13:00*	*05/30/12 20:18*	*5*
2-Fluorophenol (Surr)	*44*		*10 - 128*	*05/30/12 13:00*	*05/30/12 20:18*	*5*
Nitrobenzene-d5 (Surr)	*42*		*35 - 130*	*05/30/12 13:00*	*05/30/12 20:18*	*5*
Phenol-d5 (Surr)	*46*		*29 - 130*	*05/30/12 13:00*	*05/30/12 20:18*	*5*
Terphenyl-d14 (Surr)	*59*		*37 - 149*	*05/30/12 13:00*	*05/30/12 20:18*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<62		62		ug/Kg	☼	05/30/12 09:00	05/30/12 17:09	5
PCB-1221	<130		130		ug/Kg	☼	05/30/12 09:00	05/30/12 17:09	5
PCB-1232	<62		62		ug/Kg	☼	05/30/12 09:00	05/30/12 17:09	5
PCB-1242	<62		62		ug/Kg	☼	05/30/12 09:00	05/30/12 17:09	5
PCB-1248	<62		62		ug/Kg	☼	05/30/12 09:00	05/30/12 17:09	5
PCB-1254	<62		62		ug/Kg	☼	05/30/12 09:00	05/30/12 17:09	5
PCB-1260	<62		62		ug/Kg	☼	05/30/12 09:00	05/30/12 17:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*30 - 150*	*05/30/12 09:00*	*05/30/12 17:09*	*5*
Tetrachloro-m-xylene	*74*		*30 - 150*	*05/30/12 09:00*	*05/30/12 17:09*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		2.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1
Cadmium	<0.76		0.76		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1
Chromium	**16**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1
Copper	**93**		3.0		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1
Nickel	**12**		6.1		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1
Selenium	<2.3		2.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1
Silver	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1
Thallium	<2.3		2.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1
Zinc	**180**		3.0		mg/Kg	☼	05/30/12 10:10	05/30/12 18:41	1

Method: 6010C - Metals (ICP) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.61		0.61		mg/Kg	☼	05/30/12 10:10	05/31/12 12:29	1

Method: 6010C - Metals (ICP) - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<15		15		mg/Kg	☼	05/30/12 10:10	05/31/12 12:32	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-1 (3'-11')

Lab Sample ID: 700-67982-2
Date Collected: 05/29/12 10:18
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 53.3

Method: 6010C - Metals (ICP) - RADL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	330		5.7		mg/Kg	☼	05/30/12 10:10	05/31/12 12:32	5

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.91		0.024		mg/Kg	☼	05/30/12 10:35	05/30/12 23:15	1

Client Sample ID: B-2 (0'-3')

Lab Sample ID: 700-67982-3
Date Collected: 05/29/12 10:53
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 91.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,1,1-Trichloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,1,2-Trichloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,1-Dichloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,1-Dichloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,2-Dichloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,2-Dichlorobenzene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,3-Dichlorobenzene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,4-Dichlorobenzene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
cis-1,2-Dichloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
1,2-Dichloropropane	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Acetone	<55		55		ug/Kg	☼		05/31/12 22:50	1
Benzene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Bromoform	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Bromomethane	<11		11		ug/Kg	☼		05/31/12 22:50	1
Carbon disulfide	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Carbon tetrachloride	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Chlorobenzene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Chlorodibromomethane	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Chloroethane	<11		11		ug/Kg	☼		05/31/12 22:50	1
Chloromethane	<11		11		ug/Kg	☼		05/31/12 22:50	1
Chloroform	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Dichlorobromomethane	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Ethylbenzene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
2-Hexanone	<27		27		ug/Kg	☼		05/31/12 22:50	1
Methylene Chloride	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
4-Methyl-2-pentanone (MIBK)	<27		27		ug/Kg	☼		05/31/12 22:50	1
2-Butanone (MEK)	<27		27		ug/Kg	☼		05/31/12 22:50	1
o-Xylene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Xylenes, Total	<16		16		ug/Kg	☼		05/31/12 22:50	1
Styrene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Trichloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Toluene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
Vinyl chloride	<11		11		ug/Kg	☼		05/31/12 22:50	1
trans-1,3-Dichloropropene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
trans-1,2-Dichloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
cis-1,3-Dichloropropene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1
m-Xylene & p-Xylene	<11		11		ug/Kg	☼		05/31/12 22:50	1
Tetrachloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 22:50	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-2 (0'-3')
Date Collected: 05/29/12 10:53
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-3
Matrix: Solid
Percent Solids: 91.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	*102*		*30 - 140*		*05/31/12 22:50*	*1*
4-Bromofluorobenzene	*80*		*30 - 126*		*05/31/12 22:50*	*1*
Toluene-d8 (Surr)	*94*		*42 - 130*		*05/31/12 22:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
1,2-Dichlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
1,3-Dichlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
1,4-Dichlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
1-Methylnaphthalene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2,4,5-Trichlorophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2,4,6-Trichlorophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2,4-Dichlorophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2,4-Dimethylphenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2,4-Dinitrophenol	<1900		1900		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2,4-Dinitrotoluene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2,6-Dinitrotoluene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2-Chlorophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2-Methylnaphthalene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2-Methylphenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2-Nitroaniline	<1900		1900		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
2-Nitrophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
3 & 4 Methylphenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
3,3'-Dichlorobenzidine	<720		720		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
4,6-Dinitro-2-methylphenol	<1900		1900		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
4-Bromophenyl phenyl ether	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
4-Chloro-3-methylphenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
4-Chloroaniline	<720		720		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
4-Chlorophenyl phenyl ether	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
4-Nitroaniline	<1900		1900		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
4-Nitrophenol	<1900		1900		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Acenaphthene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Acenaphthylene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Anthracene	**420**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Benzidine	<2900		2900		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Benzo[a]anthracene	**1300**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Benzo[a]pyrene	**1600**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Benzo[b]fluoranthene	**1300**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Benzo[g,h,i]perylene	**1100**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Benzo[k]fluoranthene	**1100**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Bis(2-chloroethoxy)methane	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Bis(2-chloroethyl)ether	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Bis(2-ethylhexyl) phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Butyl benzyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Chrysene	**1800**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Di-n-butyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Di-n-octyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Dibenz(a,h)anthracene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Dibenzofuran	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Diethyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Dimethyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-2 (0'-3')
Date Collected: 05/29/12 10:53
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-3
Matrix: Solid
Percent Solids: 91.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Fluoranthene	**3100**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Fluorene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Hexachlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Hexachlorobutadiene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Hexachlorocyclopentadiene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Hexachloroethane	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Indeno[1,2,3-cd]pyrene	**850**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Isophorone	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
N-Nitrosodi-n-propylamine	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
N-Nitrosodiphenylamine	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Naphthalene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Nitrobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Pentachlorophenol	<1900		1900		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Phenanthrene	**1700**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Phenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Pyrene	**2600**		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5
Carbazole	**410**		360		ug/Kg	☼	05/30/12 13:00	05/31/12 17:06	5
N-Nitrosodimethylamine	<360		360		ug/Kg	☼	05/30/12 13:00	05/30/12 20:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*16*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 20:49*	*5*
2-Fluorobiphenyl	*55*		*31 - 130*	*05/30/12 13:00*	*05/30/12 20:49*	*5*
2-Fluorophenol (Surr)	*36*		*10 - 128*	*05/30/12 13:00*	*05/30/12 20:49*	*5*
Nitrobenzene-d5 (Surr)	*46*		*35 - 130*	*05/30/12 13:00*	*05/30/12 20:49*	*5*
Phenol-d5 (Surr)	*33*		*29 - 130*	*05/30/12 13:00*	*05/30/12 20:49*	*5*
Terphenyl-d14 (Surr)	*55*		*37 - 149*	*05/30/12 13:00*	*05/30/12 20:49*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 17:40	5
PCB-1221	<73		73		ug/Kg	☼	05/30/12 09:00	05/30/12 17:40	5
PCB-1232	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 17:40	5
PCB-1242	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 17:40	5
PCB-1248	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 17:40	5
PCB-1254	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 17:40	5
PCB-1260	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 17:40	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*30 - 150*	*05/30/12 09:00*	*05/30/12 17:40*	*5*
Tetrachloro-m-xylene	*74*		*30 - 150*	*05/30/12 09:00*	*05/30/12 17:40*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.1**		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1
Cadmium	**1.0**		0.44		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1
Chromium	**12**		0.88		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1
Copper	**71**		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1
Nickel	**8.7**		3.5		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1
Selenium	<1.3		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1
Silver	<0.88		0.88		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1
Thallium	<1.3		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1

Client Sample ID: B-2 (0'-3')

Lab Sample ID: 700-67982-3

Date Collected: 05/29/12 10:53

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 91.7

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	250		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 18:44	1

Method: 6010C - Metals (ICP) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.51		0.35		mg/Kg	☼	05/30/12 10:10	05/31/12 12:36	1

Method: 6010C - Metals (ICP) - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<8.8		8.8		mg/Kg	☼	05/30/12 10:10	05/31/12 18:23	5
Lead	110		3.3		mg/Kg	☼	05/30/12 10:10	05/31/12 18:23	5

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046		0.013		mg/Kg	☼	05/30/12 10:35	05/30/12 23:17	1

Client Sample ID: B-2 (3'-4.5')

Lab Sample ID: 700-67982-4

Date Collected: 05/29/12 11:03

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 74.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,1,1-Trichloroethane	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,1,2-Trichloroethane	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,1-Dichloroethane	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,1-Dichloroethene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,2-Dichloroethane	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,2-Dichlorobenzene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,3-Dichlorobenzene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,4-Dichlorobenzene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
cis-1,2-Dichloroethene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
1,2-Dichloropropane	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Acetone	<66		66		ug/Kg	☼		05/31/12 23:22	1
Benzene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Bromoform	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Bromomethane	<13		13		ug/Kg	☼		05/31/12 23:22	1
Carbon disulfide	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Carbon tetrachloride	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Chlorobenzene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Chlorodibromomethane	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Chloroethane	<13		13		ug/Kg	☼		05/31/12 23:22	1
Chloromethane	<13		13		ug/Kg	☼		05/31/12 23:22	1
Chloroform	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Dichlorobromomethane	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Ethylbenzene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
2-Hexanone	<33		33		ug/Kg	☼		05/31/12 23:22	1
Methylene Chloride	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
4-Methyl-2-pentanone (MIBK)	<33		33		ug/Kg	☼		05/31/12 23:22	1
2-Butanone (MEK)	<33		33		ug/Kg	☼		05/31/12 23:22	1
o-Xylene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Xylenes, Total	<20		20		ug/Kg	☼		05/31/12 23:22	1
Styrene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-2 (3'-4.5')
Date Collected: 05/29/12 11:03
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-4
Matrix: Solid
Percent Solids: 74.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Toluene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
Vinyl chloride	<13		13		ug/Kg	☼		05/31/12 23:22	1
trans-1,3-Dichloropropene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
trans-1,2-Dichloroethene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
cis-1,3-Dichloropropene	<6.6		6.6		ug/Kg	☼		05/31/12 23:22	1
m-Xylene & p-Xylene	<13		13		ug/Kg	☼		05/31/12 23:22	1
Tetrachloroethene	**9.6**		6.6		ug/Kg	☼		05/31/12 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*108*		*30 - 140*		*05/31/12 23:22*	*1*
4-Bromofluorobenzene	*87*		*30 - 126*		*05/31/12 23:22*	*1*
Toluene-d8 (Surr)	*96*		*42 - 130*		*05/31/12 23:22*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
1,2-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
1,3-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
1,4-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
1-Methylnaphthalene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2,4,5-Trichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2,4,6-Trichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2,4-Dichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2,4-Dimethylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2,4-Dinitrophenol	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2,4-Dinitrotoluene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2,6-Dinitrotoluene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2-Chlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2-Methylnaphthalene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2-Methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2-Nitroaniline	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
2-Nitrophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
3 & 4 Methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
3,3'-Dichlorobenzidine	<890		890		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
4,6-Dinitro-2-methylphenol	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
4-Bromophenyl phenyl ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
4-Chloro-3-methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
4-Chloroaniline	<890		890		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
4-Chlorophenyl phenyl ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
4-Nitroaniline	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
4-Nitrophenol	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Acenaphthene	**480**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Acenaphthylene	**770**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Anthracene	**2000**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Benzidine	<3600		3600		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Benzo[a]anthracene	**7700**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Benzo[a]pyrene	**6600**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Benzo[b]fluoranthene	**5600**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Benzo[g,h,i]perylene	**4500**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Benzo[k]fluoranthene	**3500**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-2 (3'-4.5')
Date Collected: 05/29/12 11:03
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-4
Matrix: Solid
Percent Solids: 74.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Bis(2-chloroethyl)ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Bis(2-ethylhexyl) phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Butyl benzyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Chrysene	**6600**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Di-n-butyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Di-n-octyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Dibenz(a,h)anthracene	**1200**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Dibenzofuran	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Diethyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Dimethyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Dinoseb	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Fluoranthene	**15000**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Fluorene	**480**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Hexachlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Hexachlorobutadiene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Hexachlorocyclopentadiene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Hexachloroethane	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Indeno[1,2,3-cd]pyrene	**3700**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Isophorone	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
N-Nitrosodi-n-propylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
N-Nitrosodiphenylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Naphthalene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Nitrobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Pentachlorophenol	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Phenanthrene	**8700**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Phenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Pyrene	**14000**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5
Carbazole	**1400**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 17:34	5
N-Nitrosodimethylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 21:20	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 21:20*	*5*
2-Fluorobiphenyl	*57*		*31 - 130*	*05/30/12 13:00*	*05/30/12 21:20*	*5*
2-Fluorophenol (Surr)	*40*		*10 - 128*	*05/30/12 13:00*	*05/30/12 21:20*	*5*
Nitrobenzene-d5 (Surr)	*43*		*35 - 130*	*05/30/12 13:00*	*05/30/12 21:20*	*5*
Phenol-d5 (Surr)	*37*		*29 - 130*	*05/30/12 13:00*	*05/30/12 21:20*	*5*
Terphenyl-d14 (Surr)	*62*		*37 - 149*	*05/30/12 13:00*	*05/30/12 21:20*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 18:11	5
PCB-1221	<90		90		ug/Kg	☼	05/30/12 09:00	05/30/12 18:11	5
PCB-1232	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 18:11	5
PCB-1242	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 18:11	5
PCB-1248	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 18:11	5
PCB-1254	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 18:11	5
PCB-1260	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 18:11	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*30 - 150*	*05/30/12 09:00*	*05/30/12 18:11*	*5*
Tetrachloro-m-xylene	*64*		*30 - 150*	*05/30/12 09:00*	*05/30/12 18:11*	*5*

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-2 (3'-4.5')

Lab Sample ID: 700-67982-4
Date Collected: 05/29/12 11:03
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 74.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.8		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Arsenic	**4.1**		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Beryllium	<0.35		0.35		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Cadmium	<0.44		0.44		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Chromium	**5.6**		0.88		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Copper	**83**		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Lead	**260**		0.66		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Nickel	**4.5**		3.5		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Selenium	<1.3		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Silver	<0.88		0.88		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Thallium	<1.3		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1
Zinc	**96**		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 18:48	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.57**		0.017		mg/Kg	☼	05/30/12 10:35	05/30/12 23:19	1

Client Sample ID: B-3 (0'-3')

Lab Sample ID: 700-67982-5
Date Collected: 05/29/12 11:38
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 90.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
1,1,1-Trichloroethane	<5.3	*	5.3		ug/Kg	☼		05/29/12 22:01	1
1,1,2-Trichloroethane	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
1,1-Dichloroethane	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
1,1-Dichloroethene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
1,2-Dichloroethane	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
1,2-Dichlorobenzene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
1,3-Dichlorobenzene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
1,4-Dichlorobenzene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
cis-1,2-Dichloroethene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
1,2-Dichloropropane	<5.3	*	5.3		ug/Kg	☼		05/29/12 22:01	1
Acetone	<53		53		ug/Kg	☼		05/29/12 22:01	1
Benzene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
Bromoform	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
Bromomethane	<11		11		ug/Kg	☼		05/29/12 22:01	1
Carbon disulfide	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
Carbon tetrachloride	<5.3	*	5.3		ug/Kg	☼		05/29/12 22:01	1
Chlorobenzene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
Chlorodibromomethane	<5.3	*	5.3		ug/Kg	☼		05/29/12 22:01	1
Chloroethane	<11		11		ug/Kg	☼		05/29/12 22:01	1
Chloromethane	<11		11		ug/Kg	☼		05/29/12 22:01	1
Chloroform	<5.3	*	5.3		ug/Kg	☼		05/29/12 22:01	1
Dichlorobromomethane	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
Ethylbenzene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
2-Hexanone	<27		27		ug/Kg	☼		05/29/12 22:01	1
Methylene Chloride	<5.3	*	5.3		ug/Kg	☼		05/29/12 22:01	1
4-Methyl-2-pentanone (MIBK)	<27		27		ug/Kg	☼		05/29/12 22:01	1
2-Butanone (MEK)	<27		27		ug/Kg	☼		05/29/12 22:01	1

Client Sample ID: B-3 (0'-3')
Date Collected: 05/29/12 11:38
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-5
Matrix: Solid
Percent Solids: 90.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
Xylenes, Total	<16		16		ug/Kg	☼		05/29/12 22:01	1
Styrene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
Trichloroethene	<5.3	*	5.3		ug/Kg	☼		05/29/12 22:01	1
Toluene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
Vinyl chloride	<11		11		ug/Kg	☼		05/29/12 22:01	1
trans-1,3-Dichloropropene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
trans-1,2-Dichloroethene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
cis-1,3-Dichloropropene	<5.3		5.3		ug/Kg	☼		05/29/12 22:01	1
m-Xylene & p-Xylene	<11		11		ug/Kg	☼		05/29/12 22:01	1
Tetrachloroethene	<5.3	*	5.3		ug/Kg	☼		05/29/12 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*110*		*30 - 140*		*05/29/12 22:01*	*1*
4-Bromofluorobenzene	*64*		*30 - 126*		*05/29/12 22:01*	*1*
Toluene-d8 (Surr)	*85*		*42 - 130*		*05/29/12 22:01*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
1,2-Dichlorobenzene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
1,3-Dichlorobenzene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
1,4-Dichlorobenzene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
1-Methylnaphthalene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2,4,5-Trichlorophenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2,4,6-Trichlorophenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2,4-Dichlorophenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2,4-Dimethylphenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2,4-Dinitrophenol	<3800		3800		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2,4-Dinitrotoluene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2,6-Dinitrotoluene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2-Chlorophenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2-Methylnaphthalene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2-Methylphenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2-Nitroaniline	<3800		3800		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
2-Nitrophenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
3 & 4 Methylphenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
3,3'-Dichlorobenzidine	<1500		1500		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
4,6-Dinitro-2-methylphenol	<3800		3800		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
4-Bromophenyl phenyl ether	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
4-Chloro-3-methylphenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
4-Chloroaniline	<1500		1500		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
4-Chlorophenyl phenyl ether	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
4-Nitroaniline	<3800		3800		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
4-Nitrophenol	<3800		3800		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Acenaphthene	**2400**		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Acenaphthylene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Anthracene	**5000**		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Benzidine	<6000		6000		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Benzo[a]anthracene	**12000**		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Benzo[a]pyrene	**9700**		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-3 (0'-3')
Date Collected: 05/29/12 11:38
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-5
Matrix: Solid
Percent Solids: 90.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	13000		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Benzo[g,h,i]perylene	7300		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Benzo[k]fluoranthene	3100		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Bis(2-chloroethoxy)methane	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Bis(2-chloroethyl)ether	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Bis(2-ethylhexyl) phthalate	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Butyl benzyl phthalate	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Chrysene	11000		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Di-n-butyl phthalate	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Di-n-octyl phthalate	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Dibenz(a,h)anthracene	1800		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Dibenzofuran	1400		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Diethyl phthalate	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Dimethyl phthalate	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Dinoseb	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Fluoranthene	25000		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Fluorene	2200		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Hexachlorobenzene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Hexachlorobutadiene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Hexachlorocyclopentadiene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Hexachloroethane	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Indeno[1,2,3-cd]pyrene	6000		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Isophorone	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
N-Nitrosodi-n-propylamine	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
N-Nitrosodiphenylamine	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Naphthalene	980		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Nitrobenzene	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Pentachlorophenol	<3800		3800		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Phenanthrene	22000		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Phenol	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Pyrene	22000		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5
Carbazole	16000		730		ug/Kg	☼	05/30/12 13:00	05/31/12 18:02	5
N-Nitrosodimethylamine	<730		730		ug/Kg	☼	05/30/12 13:00	05/30/12 21:51	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 21:51*	*5*
2-Fluorobiphenyl	*55*		*31 - 130*	*05/30/12 13:00*	*05/30/12 21:51*	*5*
2-Fluorophenol (Surr)	*43*		*10 - 128*	*05/30/12 13:00*	*05/30/12 21:51*	*5*
Nitrobenzene-d5 (Surr)	*43*		*35 - 130*	*05/30/12 13:00*	*05/30/12 21:51*	*5*
Phenol-d5 (Surr)	*44*		*29 - 130*	*05/30/12 13:00*	*05/30/12 21:51*	*5*
Terphenyl-d14 (Surr)	*62*		*37 - 149*	*05/30/12 13:00*	*05/30/12 21:51*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<73		73		ug/Kg	☼	05/30/12 09:00	05/30/12 18:43	5
PCB-1221	<150		150		ug/Kg	☼	05/30/12 09:00	05/30/12 18:43	5
PCB-1232	<73		73		ug/Kg	☼	05/30/12 09:00	05/30/12 18:43	5
PCB-1242	<73		73		ug/Kg	☼	05/30/12 09:00	05/30/12 18:43	5
PCB-1248	<73		73		ug/Kg	☼	05/30/12 09:00	05/30/12 18:43	5
PCB-1254	<73		73		ug/Kg	☼	05/30/12 09:00	05/30/12 18:43	5
PCB-1260	<73		73		ug/Kg	☼	05/30/12 09:00	05/30/12 18:43	5

Client Sample ID: B-3 (0'-3')

Lab Sample ID: 700-67982-5

Date Collected: 05/29/12 11:38
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 90.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88		30 - 150	05/30/12 09:00	05/30/12 18:43	5
Tetrachloro-m-xylene	73		30 - 150	05/30/12 09:00	05/30/12 18:43	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	29		1.9		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1
Cadmium	3.1		0.47		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1
Chromium	19		0.94		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1
Copper	800		1.9		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1
Nickel	20		3.8		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1
Selenium	<1.4		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1
Silver	<0.94		0.94		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1
Thallium	<1.4		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1
Zinc	1200		1.9		mg/Kg	☼	05/30/12 10:10	05/30/12 18:51	1

Method: 6010C - Metals (ICP) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.53		0.38		mg/Kg	☼	05/30/12 10:10	05/31/12 12:39	1

Method: 6010C - Metals (ICP) - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	35		7.0		mg/Kg	☼	05/30/12 10:10	05/31/12 12:42	5
Lead	570		3.5		mg/Kg	☼	05/30/12 10:10	05/31/12 12:42	5

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.64		0.014		mg/Kg	☼	05/30/12 10:35	05/30/12 23:21	1

Client Sample ID: B-3 (3'-5.5')

Lab Sample ID: 700-67982-6

Date Collected: 05/29/12 11:55
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 74.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,1,1-Trichloroethane	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,1,2-Trichloroethane	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,1-Dichloroethane	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,1-Dichloroethene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,2-Dichloroethane	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,2-Dichlorobenzene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,3-Dichlorobenzene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,4-Dichlorobenzene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
cis-1,2-Dichloroethene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
1,2-Dichloropropane	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Acetone	120		66		ug/Kg	☼		05/30/12 20:49	1
Benzene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Bromoform	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Bromomethane	<13		13		ug/Kg	☼		05/30/12 20:49	1
Carbon disulfide	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Carbon tetrachloride	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Chlorobenzene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Chlorodibromomethane	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-3 (3'-5.5')
Date Collected: 05/29/12 11:55
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-6
Matrix: Solid
Percent Solids: 74.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<13		13		ug/Kg	☼		05/30/12 20:49	1
Chloromethane	<13		13		ug/Kg	☼		05/30/12 20:49	1
Chloroform	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Dichlorobromomethane	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Ethylbenzene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
2-Hexanone	<33		33		ug/Kg	☼		05/30/12 20:49	1
Methylene Chloride	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
4-Methyl-2-pentanone (MIBK)	<33		33		ug/Kg	☼		05/30/12 20:49	1
2-Butanone (MEK)	<33		33		ug/Kg	☼		05/30/12 20:49	1
o-Xylene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Xylenes, Total	<20		20		ug/Kg	☼		05/30/12 20:49	1
Styrene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Trichloroethene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Toluene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
Vinyl chloride	<13		13		ug/Kg	☼		05/30/12 20:49	1
trans-1,3-Dichloropropene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
trans-1,2-Dichloroethene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
cis-1,3-Dichloropropene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1
m-Xylene & p-Xylene	<13		13		ug/Kg	☼		05/30/12 20:49	1
Tetrachloroethene	<6.6		6.6		ug/Kg	☼		05/30/12 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*109*		*30 - 140*		*05/30/12 20:49*	*1*
4-Bromofluorobenzene	*69*		*30 - 126*		*05/30/12 20:49*	*1*
Toluene-d8 (Surr)	*92*		*42 - 130*		*05/30/12 20:49*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
1,2-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
1,3-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
1,4-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
1-Methylnaphthalene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2,4,5-Trichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2,4,6-Trichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2,4-Dichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2,4-Dimethylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2,4-Dinitrophenol	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2,4-Dinitrotoluene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2,6-Dinitrotoluene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2-Chlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2-Methylnaphthalene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2-Methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2-Nitroaniline	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
2-Nitrophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
3 & 4 Methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
3,3'-Dichlorobenzidine	<890		890		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
4,6-Dinitro-2-methylphenol	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
4-Bromophenyl phenyl ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
4-Chloro-3-methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
4-Chloroaniline	<890		890		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-3 (3'-5.5')
Date Collected: 05/29/12 11:55
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-6
Matrix: Solid
Percent Solids: 74.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
4-Nitroaniline	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
4-Nitrophenol	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Acenaphthene	**520**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Acenaphthylene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Anthracene	**1100**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Benzidine	<3600		3600		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Benzo[a]anthracene	**1900**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Benzo[a]pyrene	**1600**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Benzo[b]fluoranthene	**1800**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Benzo[g,h,i]perylene	**1200**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Benzo[k]fluoranthene	**700**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Bis(2-chloroethoxy)methane	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Bis(2-chloroethyl)ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Bis(2-ethylhexyl) phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Butyl benzyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Chrysene	**2100**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Di-n-butyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Di-n-octyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Dibenz(a,h)anthracene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Dibenzofuran	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Diethyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Dimethyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Dinoseb	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Fluoranthene	**5000**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Fluorene	**530**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Hexachlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Hexachlorobutadiene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Hexachlorocyclopentadiene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Hexachloroethane	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Indeno[1,2,3-cd]pyrene	**960**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Isophorone	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
N-Nitrosodi-n-propylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
N-Nitrosodiphenylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Naphthalene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Nitrobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Pentachlorophenol	<2300		2300		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Phenanthrene	**4500**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Phenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Pyrene	**4600**		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5
Carbazole	**1300**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 18:31	5
N-Nitrosodimethylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/30/12 22:23	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 22:23*	*5*
2-Fluorobiphenyl	*62*		*31 - 130*	*05/30/12 13:00*	*05/30/12 22:23*	*5*
2-Fluorophenol (Surr)	*44*		*10 - 128*	*05/30/12 13:00*	*05/30/12 22:23*	*5*
Nitrobenzene-d5 (Surr)	*46*		*35 - 130*	*05/30/12 13:00*	*05/30/12 22:23*	*5*
Phenol-d5 (Surr)	*45*		*29 - 130*	*05/30/12 13:00*	*05/30/12 22:23*	*5*
Terphenyl-d14 (Surr)	*72*		*37 - 149*	*05/30/12 13:00*	*05/30/12 22:23*	*5*

Client Sample ID: B-3 (3'-5.5')

Lab Sample ID: 700-67982-6

Date Collected: 05/29/12 11:55

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 74.4

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 19:14	5
PCB-1221	<90		90		ug/Kg	☼	05/30/12 09:00	05/30/12 19:14	5
PCB-1232	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 19:14	5
PCB-1242	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 19:14	5
PCB-1248	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 19:14	5
PCB-1254	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 19:14	5
PCB-1260	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 19:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*30 - 150*	*05/30/12 09:00*	*05/30/12 19:14*	*5*
Tetrachloro-m-xylene	*63*		*30 - 150*	*05/30/12 09:00*	*05/30/12 19:14*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.7**		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1
Cadmium	**0.40**		0.35		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1
Chromium	**11**		0.70		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1
Copper	**51**		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1
Nickel	**11**		2.8		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1
Selenium	<1.0		1.0		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1
Silver	<0.70		0.70		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1
Thallium	<1.0		1.0		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1
Zinc	**140**		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 18:54	1

Method: 6010C - Metals (ICP) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.28		0.28		mg/Kg	☼	05/30/12 10:10	05/31/12 12:45	1

Method: 6010C - Metals (ICP) - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		5.2		mg/Kg	☼	05/30/12 10:10	05/31/12 12:49	5
Lead	**180**		2.6		mg/Kg	☼	05/30/12 10:10	05/31/12 12:49	5

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.18**		0.0068		mg/Kg	☼	05/30/12 10:35	05/30/12 23:23	1

Client Sample ID: B-4 (0'-3')

Lab Sample ID: 700-67982-7

Date Collected: 05/29/12 13:37

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 83.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
1,1,1-Trichloroethane	<5.8	*	5.8		ug/Kg	☼		05/29/12 23:05	1
1,1,2-Trichloroethane	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
1,1-Dichloroethane	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
1,1-Dichloroethene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
1,2-Dichloroethane	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
1,2-Dichlorobenzene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
1,3-Dichlorobenzene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
1,4-Dichlorobenzene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-4 (0'-3')
Date Collected: 05/29/12 13:37
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-7
Matrix: Solid
Percent Solids: 83.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
1,2-Dichloropropane	<5.8	*	5.8		ug/Kg	☼		05/29/12 23:05	1
Acetone	<58		58		ug/Kg	☼		05/29/12 23:05	1
Benzene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
Bromoform	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
Bromomethane	<12		12		ug/Kg	☼		05/29/12 23:05	1
Carbon disulfide	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
Carbon tetrachloride	<5.8	*	5.8		ug/Kg	☼		05/29/12 23:05	1
Chlorobenzene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
Chlorodibromomethane	<5.8	*	5.8		ug/Kg	☼		05/29/12 23:05	1
Chloroethane	<12		12		ug/Kg	☼		05/29/12 23:05	1
Chloromethane	<12		12		ug/Kg	☼		05/29/12 23:05	1
Chloroform	<5.8	*	5.8		ug/Kg	☼		05/29/12 23:05	1
Dichlorobromomethane	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
Ethylbenzene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
2-Hexanone	<29		29		ug/Kg	☼		05/29/12 23:05	1
Methylene Chloride	<5.8	*	5.8		ug/Kg	☼		05/29/12 23:05	1
4-Methyl-2-pentanone (MIBK)	<29		29		ug/Kg	☼		05/29/12 23:05	1
2-Butanone (MEK)	<29		29		ug/Kg	☼		05/29/12 23:05	1
o-Xylene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
Xylenes, Total	<17		17		ug/Kg	☼		05/29/12 23:05	1
Styrene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
Trichloroethene	<5.8	*	5.8		ug/Kg	☼		05/29/12 23:05	1
Toluene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
Vinyl chloride	<12		12		ug/Kg	☼		05/29/12 23:05	1
trans-1,3-Dichloropropene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
trans-1,2-Dichloroethene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
cis-1,3-Dichloropropene	<5.8		5.8		ug/Kg	☼		05/29/12 23:05	1
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		05/29/12 23:05	1
Tetrachloroethene	<5.8	*	5.8		ug/Kg	☼		05/29/12 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*92*		*30 - 140*		*05/29/12 23:05*	*1*
4-Bromofluorobenzene	*94*		*30 - 126*		*05/29/12 23:05*	*1*
Toluene-d8 (Surr)	*96*		*42 - 130*		*05/29/12 23:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
1,2-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
1,3-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
1,4-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
1-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2,4,5-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2,4,6-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2,4-Dichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2,4-Dimethylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2,4-Dinitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2,4-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2,6-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2-Chlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-4 (0'-3')
Date Collected: 05/29/12 13:37
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-7
Matrix: Solid
Percent Solids: 83.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2-Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
2-Nitrophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
3 & 4 Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
3,3'-Dichlorobenzidine	<790		790		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
4,6-Dinitro-2-methylphenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
4-Bromophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
4-Chloro-3-methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
4-Chloroaniline	<790		790		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
4-Chlorophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
4-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
4-Nitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Acenaphthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Acenaphthylene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Benzidine	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Benzo[a]anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Benzo[a]pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Benzo[b]fluoranthene	**450**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Benzo[g,h,i]perylene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Benzo[k]fluoranthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Bis(2-chloroethoxy)methane	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Bis(2-chloroethyl)ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Bis(2-ethylhexyl) phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Butyl benzyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Chrysene	**420**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Di-n-butyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Di-n-octyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Dibenz(a,h)anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Dibenzofuran	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Diethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Dimethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Dinoseb	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Fluoranthene	**670**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Fluorene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Hexachlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Hexachlorobutadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Hexachlorocyclopentadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Hexachloroethane	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Indeno[1,2,3-cd]pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Isophorone	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
N-Nitrosodi-n-propylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
N-Nitrosodiphenylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Naphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Nitrobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Pentachlorophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Phenanthrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Phenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Pyrene	**700**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5
Carbazole	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-4 (0'-3')

Lab Sample ID: 700-67982-7
Date Collected: 05/29/12 13:37
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 83.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 22:54	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*33*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 22:54*	*5*
2-Fluorobiphenyl	*49*		*31 - 130*	*05/30/12 13:00*	*05/30/12 22:54*	*5*
2-Fluorophenol (Surr)	*38*		*10 - 128*	*05/30/12 13:00*	*05/30/12 22:54*	*5*
Nitrobenzene-d5 (Surr)	*39*		*35 - 130*	*05/30/12 13:00*	*05/30/12 22:54*	*5*
Phenol-d5 (Surr)	*38*		*29 - 130*	*05/30/12 13:00*	*05/30/12 22:54*	*5*
Terphenyl-d14 (Surr)	*72*		*37 - 149*	*05/30/12 13:00*	*05/30/12 22:54*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<79		79		ug/Kg	☼	05/30/12 09:00	06/01/12 02:14	10
PCB-1221	<160		160		ug/Kg	☼	05/30/12 09:00	06/01/12 02:14	10
PCB-1232	<79		79		ug/Kg	☼	05/30/12 09:00	06/01/12 02:14	10
PCB-1242	<79		79		ug/Kg	☼	05/30/12 09:00	06/01/12 02:14	10
PCB-1248	<79		79		ug/Kg	☼	05/30/12 09:00	06/01/12 02:14	10
PCB-1254	<79		79		ug/Kg	☼	05/30/12 09:00	06/01/12 02:14	10
PCB-1260	<79		79		ug/Kg	☼	05/30/12 09:00	06/01/12 02:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*		*30 - 150*	*05/30/12 09:00*	*06/01/12 02:14*	*10*
Tetrachloro-m-xylene	*65*		*30 - 150*	*05/30/12 09:00*	*06/01/12 02:14*	*10*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Arsenic	**11**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Beryllium	<0.39		0.39		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Cadmium	<0.49		0.49		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Chromium	**11**		0.98		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Copper	**210**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Lead	**880**		0.74		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Nickel	**17**		3.9		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Selenium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Silver	<0.98		0.98		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Thallium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1
Zinc	**130**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:07	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.37**		0.015		mg/Kg	☼	05/30/12 10:35	05/30/12 23:25	1

Client Sample ID: B-4 (3'-6')

Lab Sample ID: 700-67982-8
Date Collected: 05/29/12 13:43
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 79.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
1,1,1-Trichloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
1,1,2-Trichloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-4 (3'-6')
Date Collected: 05/29/12 13:43
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-8
Matrix: Solid
Percent Solids: 79.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
1,1-Dichloroethene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
1,2-Dichloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
1,2-Dichlorobenzene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
1,3-Dichlorobenzene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
1,4-Dichlorobenzene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
cis-1,2-Dichloroethene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
1,2-Dichloropropane	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Acetone	<62		62		ug/Kg	☼		05/30/12 21:21	1
Benzene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Bromoform	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Bromomethane	<12		12		ug/Kg	☼		05/30/12 21:21	1
Carbon disulfide	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Carbon tetrachloride	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Chlorobenzene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Chlorodibromomethane	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Chloroethane	<12		12		ug/Kg	☼		05/30/12 21:21	1
Chloromethane	<12		12		ug/Kg	☼		05/30/12 21:21	1
Chloroform	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Dichlorobromomethane	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Ethylbenzene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
2-Hexanone	<31		31		ug/Kg	☼		05/30/12 21:21	1
Methylene Chloride	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
4-Methyl-2-pentanone (MIBK)	<31		31		ug/Kg	☼		05/30/12 21:21	1
2-Butanone (MEK)	<31		31		ug/Kg	☼		05/30/12 21:21	1
o-Xylene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Xylenes, Total	<19		19		ug/Kg	☼		05/30/12 21:21	1
Styrene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Trichloroethene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Toluene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
Vinyl chloride	<12		12		ug/Kg	☼		05/30/12 21:21	1
trans-1,3-Dichloropropene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
trans-1,2-Dichloroethene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
cis-1,3-Dichloropropene	<6.2		6.2		ug/Kg	☼		05/30/12 21:21	1
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		05/30/12 21:21	1
Tetrachloroethene	**7.3**		6.2		ug/Kg	☼		05/30/12 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*96*		*30 - 140*		*05/30/12 21:21*	*1*
4-Bromofluorobenzene	*84*		*30 - 126*		*05/30/12 21:21*	*1*
Toluene-d8 (Surr)	*95*		*42 - 130*		*05/30/12 21:21*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
1,2-Dichlorobenzene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
1,3-Dichlorobenzene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
1,4-Dichlorobenzene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
1-Methylnaphthalene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2,4,5-Trichlorophenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2,4,6-Trichlorophenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-4 (3'-6')
Date Collected: 05/29/12 13:43
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-8
Matrix: Solid
Percent Solids: 79.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2,4-Dimethylphenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2,4-Dinitrophenol	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2,4-Dinitrotoluene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2,6-Dinitrotoluene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2-Chlorophenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2-Methylnaphthalene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2-Methylphenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2-Nitroaniline	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
2-Nitrophenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
3 & 4 Methylphenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
3,3'-Dichlorobenzidine	<830		830		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
4,6-Dinitro-2-methylphenol	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
4-Bromophenyl phenyl ether	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
4-Chloro-3-methylphenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
4-Chloroaniline	<830		830		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
4-Chlorophenyl phenyl ether	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
4-Nitroaniline	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
4-Nitrophenol	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Acenaphthene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Acenaphthylene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Anthracene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Benzidine	<3400		3400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Benzo[a]anthracene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Benzo[a]pyrene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Benzo[b]fluoranthene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Benzo[g,h,i]perylene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Benzo[k]fluoranthene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Bis(2-chloroethoxy)methane	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Bis(2-chloroethyl)ether	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Bis(2-ethylhexyl) phthalate	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Butyl benzyl phthalate	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Chrysene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Di-n-butyl phthalate	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Di-n-octyl phthalate	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Dibenz(a,h)anthracene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Dibenzofuran	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Diethyl phthalate	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Dimethyl phthalate	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Dinoseb	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Fluoranthene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Fluorene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Hexachlorobenzene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Hexachlorobutadiene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Hexachlorocyclopentadiene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Hexachloroethane	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Indeno[1,2,3-cd]pyrene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Isophorone	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
N-Nitrosodi-n-propylamine	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
N-Nitrosodiphenylamine	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Naphthalene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-4 (3'-6')
Date Collected: 05/29/12 13:43
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-8
Matrix: Solid
Percent Solids: 79.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Pentachlorophenol	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Phenanthrene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Phenol	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Pyrene	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
Carbazole	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5
N-Nitrosodimethylamine	<410		410		ug/Kg	☼	05/30/12 13:00	05/30/12 23:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 23:25*	*5*
2-Fluorobiphenyl	*57*		*31 - 130*	*05/30/12 13:00*	*05/30/12 23:25*	*5*
2-Fluorophenol (Surr)	*47*		*10 - 128*	*05/30/12 13:00*	*05/30/12 23:25*	*5*
Nitrobenzene-d5 (Surr)	*44*		*35 - 130*	*05/30/12 13:00*	*05/30/12 23:25*	*5*
Phenol-d5 (Surr)	*44*		*29 - 130*	*05/30/12 13:00*	*05/30/12 23:25*	*5*
Terphenyl-d14 (Surr)	*63*		*37 - 149*	*05/30/12 13:00*	*05/30/12 23:25*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<41		41		ug/Kg	☼	05/30/12 09:00	05/30/12 20:16	5
PCB-1221	<84		84		ug/Kg	☼	05/30/12 09:00	05/30/12 20:16	5
PCB-1232	<41		41		ug/Kg	☼	05/30/12 09:00	05/30/12 20:16	5
PCB-1242	<41		41		ug/Kg	☼	05/30/12 09:00	05/30/12 20:16	5
PCB-1248	<41		41		ug/Kg	☼	05/30/12 09:00	05/30/12 20:16	5
PCB-1254	<41		41		ug/Kg	☼	05/30/12 09:00	05/30/12 20:16	5
PCB-1260	<41		41		ug/Kg	☼	05/30/12 09:00	05/30/12 20:16	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*30 - 150*	*05/30/12 09:00*	*05/30/12 20:16*	*5*
Tetrachloro-m-xylene	*68*		*30 - 150*	*05/30/12 09:00*	*05/30/12 20:16*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Arsenic	**1.6**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Beryllium	<0.40		0.40		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Cadmium	<0.51		0.51		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Chromium	**4.5**		1.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Copper	**7.9**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Lead	**52**		0.76		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Nickel	<4.0		4.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Selenium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Silver	<1.0		1.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Thallium	<1.5	*	1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1
Zinc	**17**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:11	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.059**		0.015		mg/Kg	☼	05/30/12 10:35	05/30/12 23:27	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-5 (0'-3')
Date Collected: 05/29/12 13:58
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-9
Matrix: Solid
Percent Solids: 83.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,1,1-Trichloroethane	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,1,2-Trichloroethane	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,1-Dichloroethane	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,1-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,2-Dichloroethane	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,2-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,3-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,4-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
cis-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
1,2-Dichloropropane	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Acetone	<60		60		ug/Kg	☼		05/31/12 21:15	1
Benzene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Bromoform	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Bromomethane	<12		12		ug/Kg	☼		05/31/12 21:15	1
Carbon disulfide	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Carbon tetrachloride	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Chlorobenzene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Chlorodibromomethane	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Chloroethane	<12		12		ug/Kg	☼		05/31/12 21:15	1
Chloromethane	<12		12		ug/Kg	☼		05/31/12 21:15	1
Chloroform	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Dichlorobromomethane	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Ethylbenzene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
2-Hexanone	<30		30		ug/Kg	☼		05/31/12 21:15	1
Methylene Chloride	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
4-Methyl-2-pentanone (MIBK)	<30		30		ug/Kg	☼		05/31/12 21:15	1
2-Butanone (MEK)	<30		30		ug/Kg	☼		05/31/12 21:15	1
o-Xylene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Xylenes, Total	<18		18		ug/Kg	☼		05/31/12 21:15	1
Styrene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Trichloroethene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Toluene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
Vinyl chloride	<12		12		ug/Kg	☼		05/31/12 21:15	1
trans-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
trans-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
cis-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		05/31/12 21:15	1
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		05/31/12 21:15	1
Tetrachloroethene	**57**		6.0		ug/Kg	☼		05/31/12 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*111*		*30 - 140*		*05/31/12 21:15*	*1*
4-Bromofluorobenzene	*78*		*30 - 126*		*05/31/12 21:15*	*1*
Toluene-d8 (Surr)	*95*		*42 - 130*		*05/31/12 21:15*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
1,2-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
1,3-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
1,4-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-5 (0'-3')
Date Collected: 05/29/12 13:58
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-9
Matrix: Solid
Percent Solids: 83.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2,4,5-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2,4,6-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2,4-Dichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2,4-Dimethylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2,4-Dinitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2,4-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2,6-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2-Chlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2-Methylnaphthalene	**440**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2-Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
2-Nitrophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
3 & 4 Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
3,3'-Dichlorobenzidine	<790		790		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
4,6-Dinitro-2-methylphenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
4-Bromophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
4-Chloro-3-methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
4-Chloroaniline	<790		790		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
4-Chlorophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
4-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
4-Nitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Acenaphthene	**610**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Acenaphthylene	**530**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Anthracene	**1900**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Benzidine	<3300		3300		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Benzo[a]anthracene	**6200**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Benzo[a]pyrene	**5900**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Benzo[b]fluoranthene	**7400**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Benzo[g,h,i]perylene	**3800**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Benzo[k]fluoranthene	**2200**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Bis(2-chloroethoxy)methane	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Bis(2-chloroethyl)ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Bis(2-ethylhexyl) phthalate	**1100**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Butyl benzyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Chrysene	**6900**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Di-n-butyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Di-n-octyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Dibenz(a,h)anthracene	**1300**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Dibenzofuran	**750**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Diethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Dimethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Dinoseb	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Fluoranthene	**10000**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Fluorene	**880**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Hexachlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Hexachlorobutadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Hexachlorocyclopentadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Hexachloroethane	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Indeno[1,2,3-cd]pyrene	**3500**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Isophorone	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-5 (0'-3')
Date Collected: 05/29/12 13:58
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-9
Matrix: Solid
Percent Solids: 83.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
N-Nitrosodiphenylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Naphthalene	**850**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Nitrobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Pentachlorophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Phenanthrene	**8100**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Phenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Pyrene	**11000**		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5
Carbazole	**2300**		400		ug/Kg	☼	05/30/12 13:00	05/31/12 18:59	5
N-Nitrosodimethylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/30/12 23:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 23:56*	*5*
2-Fluorobiphenyl	*52*		*31 - 130*	*05/30/12 13:00*	*05/30/12 23:56*	*5*
2-Fluorophenol (Surr)	*39*		*10 - 128*	*05/30/12 13:00*	*05/30/12 23:56*	*5*
Nitrobenzene-d5 (Surr)	*45*		*35 - 130*	*05/30/12 13:00*	*05/30/12 23:56*	*5*
Phenol-d5 (Surr)	*35*		*29 - 130*	*05/30/12 13:00*	*05/30/12 23:56*	*5*
Terphenyl-d14 (Surr)	*61*		*37 - 149*	*05/30/12 13:00*	*05/30/12 23:56*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<200		200		ug/Kg	☼	05/30/12 09:00	05/31/12 11:08	25
PCB-1221	<400		400		ug/Kg	☼	05/30/12 09:00	05/31/12 11:08	25
PCB-1232	<200		200		ug/Kg	☼	05/30/12 09:00	05/31/12 11:08	25
PCB-1242	<200		200		ug/Kg	☼	05/30/12 09:00	05/31/12 11:08	25
PCB-1248	<200		200		ug/Kg	☼	05/30/12 09:00	05/31/12 11:08	25
PCB-1254	<200		200		ug/Kg	☼	05/30/12 09:00	05/31/12 11:08	25
PCB-1260	**480**		200		ug/Kg	☼	05/30/12 09:00	05/31/12 11:08	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*30 - 150*	*05/30/12 09:00*	*05/31/12 11:08*	*25*
Tetrachloro-m-xylene	*74*		*30 - 150*	*05/30/12 09:00*	*05/31/12 11:08*	*25*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**3.5**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Arsenic	**6.2**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Cadmium	**7.1**		0.50		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Chromium	**28**		1.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Copper	**330**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Lead	**280**		0.75		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Nickel	**21**		4.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Selenium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Silver	<1.0		1.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Thallium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1
Zinc	**1200**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:14	1

Method: 6010C - Metals (ICP) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.45**		0.40		mg/Kg	☼	05/30/12 10:10	05/31/12 13:02	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-5 (0'-3')

Lab Sample ID: 700-67982-9

Date Collected: 05/29/12 13:58
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 83.0

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.25**		0.013		mg/Kg	☼	05/30/12 10:35	05/30/12 23:29	1

Client Sample ID: B-5 (3'-6')

Lab Sample ID: 700-67982-10

Date Collected: 05/29/12 14:06
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 75.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,1,1-Trichloroethane	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,1,2-Trichloroethane	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,1-Dichloroethane	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,1-Dichloroethene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,2-Dichloroethane	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,2-Dichlorobenzene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,3-Dichlorobenzene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,4-Dichlorobenzene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
cis-1,2-Dichloroethene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
1,2-Dichloropropane	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Acetone	<65		65		ug/Kg	☼		05/31/12 21:47	1
Benzene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Bromoform	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Bromomethane	<13		13		ug/Kg	☼		05/31/12 21:47	1
Carbon disulfide	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Carbon tetrachloride	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Chlorobenzene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Chlorodibromomethane	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Chloroethane	<13		13		ug/Kg	☼		05/31/12 21:47	1
Chloromethane	<13		13		ug/Kg	☼		05/31/12 21:47	1
Chloroform	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Dichlorobromomethane	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Ethylbenzene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
2-Hexanone	<33		33		ug/Kg	☼		05/31/12 21:47	1
Methylene Chloride	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
4-Methyl-2-pentanone (MIBK)	<33		33		ug/Kg	☼		05/31/12 21:47	1
2-Butanone (MEK)	<33		33		ug/Kg	☼		05/31/12 21:47	1
o-Xylene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Xylenes, Total	<20		20		ug/Kg	☼		05/31/12 21:47	1
Styrene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Trichloroethene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Toluene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
Vinyl chloride	<13		13		ug/Kg	☼		05/31/12 21:47	1
trans-1,3-Dichloropropene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
trans-1,2-Dichloroethene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
cis-1,3-Dichloropropene	<6.5		6.5		ug/Kg	☼		05/31/12 21:47	1
m-Xylene & p-Xylene	<13		13		ug/Kg	☼		05/31/12 21:47	1
Tetrachloroethene	**31**		6.5		ug/Kg	☼		05/31/12 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*106*		*30 - 140*		*05/31/12 21:47*	*1*
4-Bromofluorobenzene	*85*		*30 - 126*		*05/31/12 21:47*	*1*

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-5 (3'-6')
Date Collected: 05/29/12 14:06
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-10
Matrix: Solid
Percent Solids: 75.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*42 - 130*		*05/31/12 21:47*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
1,2-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
1,3-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
1,4-Dichlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
1-Methylnaphthalene	**780**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2,4,5-Trichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2,4,6-Trichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2,4-Dichlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2,4-Dimethylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2,4-Dinitrophenol	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2,4-Dinitrotoluene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2,6-Dinitrotoluene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2-Chlorophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2-Methylnaphthalene	**910**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2-Methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2-Nitroaniline	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
2-Nitrophenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
3 & 4 Methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
3,3'-Dichlorobenzidine	<870		870		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
4,6-Dinitro-2-methylphenol	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
4-Bromophenyl phenyl ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
4-Chloro-3-methylphenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
4-Chloroaniline	<870		870		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
4-Chlorophenyl phenyl ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
4-Nitroaniline	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
4-Nitrophenol	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Acenaphthene	**1300**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Acenaphthylene	**860**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Anthracene	**3400**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Benzidine	<3600		3600		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Benzo[a]anthracene	**8600**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Benzo[a]pyrene	**8600**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Benzo[b]fluoranthene	**9900**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Benzo[g,h,i]perylene	**5500**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Benzo[k]fluoranthene	**3400**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Bis(2-chloroethoxy)methane	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Bis(2-chloroethyl)ether	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Bis(2-ethylhexyl) phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Butyl benzyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Chrysene	**9600**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Di-n-butyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Di-n-octyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Dibenz(a,h)anthracene	**1800**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Dibenzofuran	**1600**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Diethyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Dimethyl phthalate	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Dinoseb	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-5 (3'-6')
Date Collected: 05/29/12 14:06
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-10
Matrix: Solid
Percent Solids: 75.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**16000**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Fluorene	**1900**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Hexachlorobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Hexachlorobutadiene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Hexachlorocyclopentadiene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Hexachloroethane	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Indeno[1,2,3-cd]pyrene	**5100**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Isophorone	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
N-Nitrosodi-n-propylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
N-Nitrosodiphenylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Naphthalene	**1500**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Nitrobenzene	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Pentachlorophenol	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Phenanthrene	**15000**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Phenol	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Pyrene	**16000**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5
Carbazole	**5900**		440		ug/Kg	☼	05/30/12 13:00	05/31/12 19:27	5
N-Nitrosodimethylamine	<440		440		ug/Kg	☼	05/30/12 13:00	05/31/12 00:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*5.0 - 130*	*05/30/12 13:00*	*05/31/12 00:27*	*5*
2-Fluorobiphenyl	*56*		*31 - 130*	*05/30/12 13:00*	*05/31/12 00:27*	*5*
2-Fluorophenol (Surr)	*47*		*10 - 128*	*05/30/12 13:00*	*05/31/12 00:27*	*5*
Nitrobenzene-d5 (Surr)	*46*		*35 - 130*	*05/30/12 13:00*	*05/31/12 00:27*	*5*
Phenol-d5 (Surr)	*46*		*29 - 130*	*05/30/12 13:00*	*05/31/12 00:27*	*5*
Terphenyl-d14 (Surr)	*66*		*37 - 149*	*05/30/12 13:00*	*05/31/12 00:27*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 21:19	5
PCB-1221	<89		89		ug/Kg	☼	05/30/12 09:00	05/30/12 21:19	5
PCB-1232	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 21:19	5
PCB-1242	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 21:19	5
PCB-1248	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 21:19	5
PCB-1254	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 21:19	5
PCB-1260	<44		44		ug/Kg	☼	05/30/12 09:00	05/30/12 21:19	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*45*		*30 - 150*	*05/30/12 09:00*	*05/30/12 21:19*	*5*
Tetrachloro-m-xylene	*55*		*30 - 150*	*05/30/12 09:00*	*05/30/12 21:19*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Arsenic	**4.7**		1.6		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Beryllium	<0.43		0.43		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Cadmium	**0.80**		0.54		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Chromium	**8.3**		1.1		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Copper	**86**		2.2		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Lead	**790**		0.81		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Nickel	**6.1**		4.3		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Selenium	<1.6		1.6		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1

Client Sample ID: B-5 (3'-6') — **Lab Sample ID: 700-67982-10**
Date Collected: 05/29/12 14:06 — **Matrix: Solid**
Date Received: 05/29/12 16:12 — **Percent Solids: 75.6**

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.1		1.1		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Thallium	<1.6		1.6		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1
Zinc	170		2.2		mg/Kg	☼	05/30/12 10:10	05/30/12 19:17	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	6.8		0.27		mg/Kg	☼	05/30/12 10:35	05/31/12 13:50	20

Client Sample ID: B-6 (0'-3') — **Lab Sample ID: 700-67982-11**
Date Collected: 05/29/12 14:25 — **Matrix: Solid**
Date Received: 05/29/12 16:12 — **Percent Solids: 83.0**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,1,1-Trichloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,1,2-Trichloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,1-Dichloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,1-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,2-Dichloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,2-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,3-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,4-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
cis-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
1,2-Dichloropropane	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Acetone	<60		60		ug/Kg	☼		05/30/12 22:56	1
Benzene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Bromoform	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Bromomethane	<12		12		ug/Kg	☼		05/30/12 22:56	1
Carbon disulfide	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Carbon tetrachloride	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Chlorobenzene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Chlorodibromomethane	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Chloroethane	<12		12		ug/Kg	☼		05/30/12 22:56	1
Chloromethane	<12		12		ug/Kg	☼		05/30/12 22:56	1
Chloroform	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Dichlorobromomethane	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Ethylbenzene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
2-Hexanone	<30		30		ug/Kg	☼		05/30/12 22:56	1
Methylene Chloride	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
4-Methyl-2-pentanone (MIBK)	<30		30		ug/Kg	☼		05/30/12 22:56	1
2-Butanone (MEK)	<30		30		ug/Kg	☼		05/30/12 22:56	1
o-Xylene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Xylenes, Total	<18		18		ug/Kg	☼		05/30/12 22:56	1
Styrene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Trichloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Toluene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
Vinyl chloride	<12		12		ug/Kg	☼		05/30/12 22:56	1
trans-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
trans-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1
cis-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-6 (0'-3')
Date Collected: 05/29/12 14:25
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-11
Matrix: Solid
Percent Solids: 83.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		05/30/12 22:56	1
Tetrachloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*102*		*30 - 140*		*05/30/12 22:56*	*1*
4-Bromofluorobenzene	*79*		*30 - 126*		*05/30/12 22:56*	*1*
Toluene-d8 (Surr)	*97*		*42 - 130*		*05/30/12 22:56*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
1,2-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
1,3-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
1,4-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
1-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2,4,5-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2,4,6-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2,4-Dichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2,4-Dimethylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2,4-Dinitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2,4-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2,6-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2-Chlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2-Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
2-Nitrophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
3 & 4 Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
3,3'-Dichlorobenzidine	<800		800		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
4,6-Dinitro-2-methylphenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
4-Bromophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
4-Chloro-3-methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
4-Chloroaniline	<800		800		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
4-Chlorophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
4-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
4-Nitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Acenaphthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Acenaphthylene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Benzidine	<3300		3300		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Benzo[a]anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Benzo[a]pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Benzo[b]fluoranthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Benzo[g,h,i]perylene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Benzo[k]fluoranthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Bis(2-chloroethoxy)methane	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Bis(2-chloroethyl)ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Bis(2-ethylhexyl) phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Butyl benzyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Chrysene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Di-n-butyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-6 (0'-3')
Date Collected: 05/29/12 14:25
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-11
Matrix: Solid
Percent Solids: 83.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Dibenz(a,h)anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Dibenzofuran	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Diethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Dimethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Dinoseb	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Fluoranthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Fluorene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Hexachlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Hexachlorobutadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Hexachlorocyclopentadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Hexachloroethane	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Indeno[1,2,3-cd]pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Isophorone	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
N-Nitrosodi-n-propylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
N-Nitrosodiphenylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Naphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Nitrobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Pentachlorophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Phenanthrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Phenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
Carbazole	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5
N-Nitrosodimethylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 01:41	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*35*		*5.0 - 130*	*05/30/12 13:00*	*05/31/12 01:41*	*5*
2-Fluorobiphenyl	*39*		*31 - 130*	*05/30/12 13:00*	*05/31/12 01:41*	*5*
2-Fluorophenol (Surr)	*37*		*10 - 128*	*05/30/12 13:00*	*05/31/12 01:41*	*5*
Nitrobenzene-d5 (Surr)	*31*	*X*	*35 - 130*	*05/30/12 13:00*	*05/31/12 01:41*	*5*
Phenol-d5 (Surr)	*40*		*29 - 130*	*05/30/12 13:00*	*05/31/12 01:41*	*5*
Terphenyl-d14 (Surr)	*49*		*37 - 149*	*05/30/12 13:00*	*05/31/12 01:41*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 21:50	5
PCB-1221	<81		81		ug/Kg	☼	05/30/12 09:00	05/30/12 21:50	5
PCB-1232	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 21:50	5
PCB-1242	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 21:50	5
PCB-1248	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 21:50	5
PCB-1254	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 21:50	5
PCB-1260	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 21:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*57*		*30 - 150*	*05/30/12 09:00*	*05/30/12 21:50*	*5*
Tetrachloro-m-xylene	*73*		*30 - 150*	*05/30/12 09:00*	*05/30/12 21:50*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Arsenic	**4.3**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Beryllium	<0.40		0.40		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1

Client Sample ID: B-6 (0'-3') — **Lab Sample ID: 700-67982-11**
Date Collected: 05/29/12 14:25 — **Matrix: Solid**
Date Received: 05/29/12 16:12 — **Percent Solids: 83.0**

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.49		0.49		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Chromium	**5.8**		0.99		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Copper	**26**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Lead	**260**		0.74		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Nickel	<4.0		4.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Selenium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Silver	<0.99		0.99		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Thallium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1
Zinc	**46**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:21	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.16**		0.012		mg/Kg	☼	05/30/12 10:35	05/30/12 23:38	1

Client Sample ID: B-6 (3'-6') — **Lab Sample ID: 700-67982-12**
Date Collected: 05/29/12 14:32 — **Matrix: Solid**
Date Received: 05/29/12 16:12 — **Percent Solids: 77.9**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
1,1,1-Trichloroethane	<6.2	*	6.2		ug/Kg	☼		05/30/12 01:43	1
1,1,2-Trichloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
1,1-Dichloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
1,1-Dichloroethene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
1,2-Dichloroethane	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
1,2-Dichlorobenzene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
1,3-Dichlorobenzene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
1,4-Dichlorobenzene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
cis-1,2-Dichloroethene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
1,2-Dichloropropane	<6.2	*	6.2		ug/Kg	☼		05/30/12 01:43	1
Acetone	<62		62		ug/Kg	☼		05/30/12 01:43	1
Benzene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
Bromoform	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
Bromomethane	<12		12		ug/Kg	☼		05/30/12 01:43	1
Carbon disulfide	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
Carbon tetrachloride	<6.2	*	6.2		ug/Kg	☼		05/30/12 01:43	1
Chlorobenzene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
Chlorodibromomethane	<6.2	*	6.2		ug/Kg	☼		05/30/12 01:43	1
Chloroethane	<12		12		ug/Kg	☼		05/30/12 01:43	1
Chloromethane	<12		12		ug/Kg	☼		05/30/12 01:43	1
Chloroform	<6.2	*	6.2		ug/Kg	☼		05/30/12 01:43	1
Dichlorobromomethane	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
Ethylbenzene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
2-Hexanone	<31		31		ug/Kg	☼		05/30/12 01:43	1
Methylene Chloride	<6.2	*	6.2		ug/Kg	☼		05/30/12 01:43	1
4-Methyl-2-pentanone (MIBK)	<31		31		ug/Kg	☼		05/30/12 01:43	1
2-Butanone (MEK)	<31		31		ug/Kg	☼		05/30/12 01:43	1
o-Xylene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
Xylenes, Total	<19		19		ug/Kg	☼		05/30/12 01:43	1
Styrene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-6 (3'-6')
Date Collected: 05/29/12 14:32
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-12
Matrix: Solid
Percent Solids: 77.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<6.2	*	6.2		ug/Kg	☼		05/30/12 01:43	1
Toluene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
Vinyl chloride	<12		12		ug/Kg	☼		05/30/12 01:43	1
trans-1,3-Dichloropropene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
trans-1,2-Dichloroethene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
cis-1,3-Dichloropropene	<6.2		6.2		ug/Kg	☼		05/30/12 01:43	1
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		05/30/12 01:43	1
Tetrachloroethene	<6.2	*	6.2		ug/Kg	☼		05/30/12 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*97*		*30 - 140*		*05/30/12 01:43*	*1*
4-Bromofluorobenzene	*94*		*30 - 126*		*05/30/12 01:43*	*1*
Toluene-d8 (Surr)	*99*		*42 - 130*		*05/30/12 01:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
1,2-Dichlorobenzene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
1,3-Dichlorobenzene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
1,4-Dichlorobenzene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
1-Methylnaphthalene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2,4,5-Trichlorophenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2,4,6-Trichlorophenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2,4-Dichlorophenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2,4-Dimethylphenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2,4-Dinitrophenol	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2,4-Dinitrotoluene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2,6-Dinitrotoluene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2-Chlorophenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2-Methylnaphthalene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2-Methylphenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2-Nitroaniline	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
2-Nitrophenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
3 & 4 Methylphenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
3,3'-Dichlorobenzidine	<850		850		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
4,6-Dinitro-2-methylphenol	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
4-Bromophenyl phenyl ether	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
4-Chloro-3-methylphenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
4-Chloroaniline	<850		850		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
4-Chlorophenyl phenyl ether	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
4-Nitroaniline	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
4-Nitrophenol	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Acenaphthene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Acenaphthylene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Anthracene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Benzidine	<3500		3500		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Benzo[a]anthracene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Benzo[a]pyrene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Benzo[b]fluoranthene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Benzo[g,h,i]perylene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Benzo[k]fluoranthene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-6 (3'-6')
Date Collected: 05/29/12 14:32
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-12
Matrix: Solid
Percent Solids: 77.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Bis(2-chloroethyl)ether	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Bis(2-ethylhexyl) phthalate	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Butyl benzyl phthalate	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Chrysene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Di-n-butyl phthalate	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Di-n-octyl phthalate	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Dibenz(a,h)anthracene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Dibenzofuran	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Diethyl phthalate	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Dimethyl phthalate	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Dinoseb	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Fluoranthene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Fluorene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Hexachlorobenzene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Hexachlorobutadiene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Hexachlorocyclopentadiene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Hexachloroethane	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Indeno[1,2,3-cd]pyrene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Isophorone	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
N-Nitrosodi-n-propylamine	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
N-Nitrosodiphenylamine	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Naphthalene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Nitrobenzene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Pentachlorophenol	<2200		2200		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Phenanthrene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Phenol	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Pyrene	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
Carbazole	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5
N-Nitrosodimethylamine	<420		420		ug/Kg	☼	05/30/12 13:00	05/31/12 02:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*34*		*5.0 - 130*	*05/30/12 13:00*	*05/31/12 02:09*	*5*
2-Fluorobiphenyl	*40*		*31 - 130*	*05/30/12 13:00*	*05/31/12 02:09*	*5*
2-Fluorophenol (Surr)	*32*		*10 - 128*	*05/30/12 13:00*	*05/31/12 02:09*	*5*
Nitrobenzene-d5 (Surr)	*29*	*X*	*35 - 130*	*05/30/12 13:00*	*05/31/12 02:09*	*5*
Phenol-d5 (Surr)	*36*		*29 - 130*	*05/30/12 13:00*	*05/31/12 02:09*	*5*
Terphenyl-d14 (Surr)	*54*		*37 - 149*	*05/30/12 13:00*	*05/31/12 02:09*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<42		42		ug/Kg	☼	05/30/12 09:00	05/30/12 22:21	5
PCB-1221	<86		86		ug/Kg	☼	05/30/12 09:00	05/30/12 22:21	5
PCB-1232	<42		42		ug/Kg	☼	05/30/12 09:00	05/30/12 22:21	5
PCB-1242	<42		42		ug/Kg	☼	05/30/12 09:00	05/30/12 22:21	5
PCB-1248	<42		42		ug/Kg	☼	05/30/12 09:00	05/30/12 22:21	5
PCB-1254	<42		42		ug/Kg	☼	05/30/12 09:00	05/30/12 22:21	5
PCB-1260	<42		42		ug/Kg	☼	05/30/12 09:00	05/30/12 22:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*46*		*30 - 150*	*05/30/12 09:00*	*05/30/12 22:21*	*5*
Tetrachloro-m-xylene	*62*		*30 - 150*	*05/30/12 09:00*	*05/30/12 22:21*	*5*

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-6 (3'-6')

Lab Sample ID: 700-67982-12
Date Collected: 05/29/12 14:32
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 77.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Arsenic	**2.2**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Beryllium	<0.41		0.41		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Cadmium	<0.51		0.51		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Chromium	**10**		1.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Copper	**4.6**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Lead	**18**		0.76		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Nickel	**5.6**		4.1		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Selenium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Silver	<1.0		1.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Thallium	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1
Zinc	**42**		2.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:24	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.015		0.015		mg/Kg	☼	05/30/12 10:35	05/30/12 23:39	1

Client Sample ID: B-7 (0'-3')

Lab Sample ID: 700-67982-13
Date Collected: 05/29/12 14:53
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 92.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,1,1-Trichloroethane	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,1,2-Trichloroethane	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,1-Dichloroethane	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,1-Dichloroethene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,2-Dichloroethane	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,2-Dichlorobenzene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,3-Dichlorobenzene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,4-Dichlorobenzene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
cis-1,2-Dichloroethene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
1,2-Dichloropropane	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Acetone	<54		54		ug/Kg	☼		05/30/12 23:28	1
Benzene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Bromoform	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Bromomethane	<11		11		ug/Kg	☼		05/30/12 23:28	1
Carbon disulfide	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Carbon tetrachloride	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Chlorobenzene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Chlorodibromomethane	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Chloroethane	<11		11		ug/Kg	☼		05/30/12 23:28	1
Chloromethane	<11		11		ug/Kg	☼		05/30/12 23:28	1
Chloroform	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Dichlorobromomethane	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Ethylbenzene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
2-Hexanone	<27		27		ug/Kg	☼		05/30/12 23:28	1
Methylene Chloride	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
4-Methyl-2-pentanone (MIBK)	<27		27		ug/Kg	☼		05/30/12 23:28	1
2-Butanone (MEK)	<27		27		ug/Kg	☼		05/30/12 23:28	1

Client Sample ID: B-7 (0'-3')
Date Collected: 05/29/12 14:53
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-13
Matrix: Solid
Percent Solids: 92.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Xylenes, Total	<16		16		ug/Kg	☼		05/30/12 23:28	1
Styrene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Trichloroethene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Toluene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
Vinyl chloride	<11		11		ug/Kg	☼		05/30/12 23:28	1
trans-1,3-Dichloropropene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
trans-1,2-Dichloroethene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
cis-1,3-Dichloropropene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1
m-Xylene & p-Xylene	<11		11		ug/Kg	☼		05/30/12 23:28	1
Tetrachloroethene	<5.4		5.4		ug/Kg	☼		05/30/12 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*103*		*30 - 140*		*05/30/12 23:28*	*1*
4-Bromofluorobenzene	*90*		*30 - 126*		*05/30/12 23:28*	*1*
Toluene-d8 (Surr)	*99*		*42 - 130*		*05/30/12 23:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
1,2-Dichlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
1,3-Dichlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
1,4-Dichlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
1-Methylnaphthalene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2,4,5-Trichlorophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2,4,6-Trichlorophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2,4-Dichlorophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2,4-Dimethylphenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2,4-Dinitrophenol	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2,4-Dinitrotoluene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2,6-Dinitrotoluene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2-Chlorophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2-Methylnaphthalene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2-Methylphenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2-Nitroaniline	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
2-Nitrophenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
3 & 4 Methylphenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
3,3'-Dichlorobenzidine	<710		710		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
4,6-Dinitro-2-methylphenol	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
4-Bromophenyl phenyl ether	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
4-Chloro-3-methylphenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
4-Chloroaniline	<710		710		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
4-Chlorophenyl phenyl ether	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
4-Nitroaniline	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
4-Nitrophenol	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Acenaphthene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Acenaphthylene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Anthracene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Benzidine	<2900		2900		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Benzo[a]anthracene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Benzo[a]pyrene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-7 (0'-3')
Date Collected: 05/29/12 14:53
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-13
Matrix: Solid
Percent Solids: 92.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Benzo[g,h,i]perylene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Benzo[k]fluoranthene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Bis(2-chloroethoxy)methane	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Bis(2-chloroethyl)ether	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Bis(2-ethylhexyl) phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Butyl benzyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Chrysene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Di-n-butyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Di-n-octyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Dibenz(a,h)anthracene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Dibenzofuran	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Diethyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Dimethyl phthalate	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Dinoseb	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Fluoranthene	**530**		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Fluorene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Hexachlorobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Hexachlorobutadiene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Hexachlorocyclopentadiene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Hexachloroethane	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Indeno[1,2,3-cd]pyrene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Isophorone	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
N-Nitrosodi-n-propylamine	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
N-Nitrosodiphenylamine	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Naphthalene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Nitrobenzene	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Pentachlorophenol	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Phenanthrene	**410**		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Phenol	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Pyrene	**420**		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
Carbazole	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5
N-Nitrosodimethylamine	<360		360		ug/Kg	☼	05/30/12 13:00	05/31/12 02:38	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*39*		*5.0 - 130*	*05/30/12 13:00*	*05/31/12 02:38*	*5*
2-Fluorobiphenyl	*41*		*31 - 130*	*05/30/12 13:00*	*05/31/12 02:38*	*5*
2-Fluorophenol (Surr)	*41*		*10 - 128*	*05/30/12 13:00*	*05/31/12 02:38*	*5*
Nitrobenzene-d5 (Surr)	*35*		*35 - 130*	*05/30/12 13:00*	*05/31/12 02:38*	*5*
Phenol-d5 (Surr)	*40*		*29 - 130*	*05/30/12 13:00*	*05/31/12 02:38*	*5*
Terphenyl-d14 (Surr)	*51*		*37 - 149*	*05/30/12 13:00*	*05/31/12 02:38*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 22:53	5
PCB-1221	<72		72		ug/Kg	☼	05/30/12 09:00	05/30/12 22:53	5
PCB-1232	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 22:53	5
PCB-1242	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 22:53	5
PCB-1248	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 22:53	5
PCB-1254	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 22:53	5
PCB-1260	<36		36		ug/Kg	☼	05/30/12 09:00	05/30/12 22:53	5

Client Sample ID: B-7 (0'-3')

Lab Sample ID: 700-67982-13

Date Collected: 05/29/12 14:53
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 92.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		30 - 150	05/30/12 09:00	05/30/12 22:53	5
Tetrachloro-m-xylene	64		30 - 150	05/30/12 09:00	05/30/12 22:53	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**2.5**		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Beryllium	<0.37		0.37		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Cadmium	<0.46		0.46		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Chromium	**7.9**		0.92		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Copper	**45**		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Nickel	**10**		3.7		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Selenium	<1.4		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Silver	<0.92		0.92		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Thallium	<1.4		1.4		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1
Zinc	**110**		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 19:28	1

Method: 6010C - Metals (ICP) - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		6.9		mg/Kg	☼	05/30/12 10:10	05/31/12 13:05	5
Lead	**57**		3.4		mg/Kg	☼	05/30/12 10:10	05/31/12 13:05	5

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.013		0.013		mg/Kg	☼	05/30/12 10:35	05/30/12 23:41	1

Client Sample ID: B-7 (3'-6')

Lab Sample ID: 700-67982-14

Date Collected: 05/29/12 15:00
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 82.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,1,1-Trichloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,1,2-Trichloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,1-Dichloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,1-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,2-Dichloroethane	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,2-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,3-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,4-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
cis-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
1,2-Dichloropropane	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Acetone	<60		60		ug/Kg	☼		05/30/12 23:59	1
Benzene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Bromoform	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Bromomethane	<12		12		ug/Kg	☼		05/30/12 23:59	1
Carbon disulfide	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Carbon tetrachloride	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Chlorobenzene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Chlorodibromomethane	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Chloroethane	<12		12		ug/Kg	☼		05/30/12 23:59	1
Chloromethane	<12		12		ug/Kg	☼		05/30/12 23:59	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-7 (3'-6')
Date Collected: 05/29/12 15:00
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-14
Matrix: Solid
Percent Solids: 82.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Dichlorobromomethane	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Ethylbenzene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
2-Hexanone	<30		30		ug/Kg	☼		05/30/12 23:59	1
Methylene Chloride	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
4-Methyl-2-pentanone (MIBK)	<30		30		ug/Kg	☼		05/30/12 23:59	1
2-Butanone (MEK)	<30		30		ug/Kg	☼		05/30/12 23:59	1
o-Xylene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Xylenes, Total	<18		18		ug/Kg	☼		05/30/12 23:59	1
Styrene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Trichloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Toluene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
Vinyl chloride	<12		12		ug/Kg	☼		05/30/12 23:59	1
trans-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
trans-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
cis-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		05/30/12 23:59	1
Tetrachloroethene	<6.0		6.0		ug/Kg	☼		05/30/12 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*88*		*30 - 140*		*05/30/12 23:59*	*1*
4-Bromofluorobenzene	*81*		*30 - 126*		*05/30/12 23:59*	*1*
Toluene-d8 (Surr)	*97*		*42 - 130*		*05/30/12 23:59*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
1,2-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
1,3-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
1,4-Dichlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
1-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2,4,5-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2,4,6-Trichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2,4-Dichlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2,4-Dimethylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2,4-Dinitrophenol	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2,4-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2,6-Dinitrotoluene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2-Chlorophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2-Methylnaphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2-Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2-Nitroaniline	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
2-Nitrophenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
3 & 4 Methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
3,3'-Dichlorobenzidine	<800		800		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
4,6-Dinitro-2-methylphenol	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
4-Bromophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
4-Chloro-3-methylphenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
4-Chloroaniline	<800		800		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
4-Chlorophenyl phenyl ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
4-Nitroaniline	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-7 (3'-6')
Date Collected: 05/29/12 15:00
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-14
Matrix: Solid
Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Acenaphthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Acenaphthylene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Benzidine	<3300		3300		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Benzo[a]anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Benzo[a]pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Benzo[b]fluoranthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Benzo[g,h,i]perylene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Benzo[k]fluoranthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Bis(2-chloroethoxy)methane	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Bis(2-chloroethyl)ether	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Bis(2-ethylhexyl) phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Butyl benzyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Chrysene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Di-n-butyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Di-n-octyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Dibenz(a,h)anthracene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Dibenzofuran	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Diethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Dimethyl phthalate	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Dinoseb	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Fluoranthene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Fluorene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Hexachlorobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Hexachlorobutadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Hexachlorocyclopentadiene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Hexachloroethane	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Indeno[1,2,3-cd]pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Isophorone	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
N-Nitrosodi-n-propylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
N-Nitrosodiphenylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Naphthalene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Nitrobenzene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Pentachlorophenol	<2100		2100		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Phenanthrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Phenol	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Pyrene	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
Carbazole	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5
N-Nitrosodimethylamine	<400		400		ug/Kg	☼	05/30/12 13:00	05/31/12 03:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*5.0 - 130*	*05/30/12 13:00*	*05/31/12 03:07*	*5*
2-Fluorobiphenyl	*38*		*31 - 130*	*05/30/12 13:00*	*05/31/12 03:07*	*5*
2-Fluorophenol (Surr)	*37*		*10 - 128*	*05/30/12 13:00*	*05/31/12 03:07*	*5*
Nitrobenzene-d5 (Surr)	*31*	*X*	*35 - 130*	*05/30/12 13:00*	*05/31/12 03:07*	*5*
Phenol-d5 (Surr)	*42*		*29 - 130*	*05/30/12 13:00*	*05/31/12 03:07*	*5*
Terphenyl-d14 (Surr)	*55*		*37 - 149*	*05/30/12 13:00*	*05/31/12 03:07*	*5*

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-7 (3'-6')

Lab Sample ID: 700-67982-14
Date Collected: 05/29/12 15:00
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 82.6

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 23:24	5
PCB-1221	<81		81		ug/Kg	☼	05/30/12 09:00	05/30/12 23:24	5
PCB-1232	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 23:24	5
PCB-1242	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 23:24	5
PCB-1248	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 23:24	5
PCB-1254	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 23:24	5
PCB-1260	<40		40		ug/Kg	☼	05/30/12 09:00	05/30/12 23:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*30 - 150*	*05/30/12 09:00*	*05/30/12 23:24*	*5*
Tetrachloro-m-xylene	*68*		*30 - 150*	*05/30/12 09:00*	*05/30/12 23:24*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.8		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Arsenic	**1.3**		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Beryllium	<0.35		0.35		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Cadmium	<0.44		0.44		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Chromium	**6.2**		0.88		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Copper	**3.3**		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Lead	**24**		0.66		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Nickel	<3.5		3.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Selenium	<1.3		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Silver	<0.88		0.88		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Thallium	<1.3		1.3		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1
Zinc	**15**		1.8		mg/Kg	☼	05/30/12 10:10	05/30/12 19:31	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.075**		0.013		mg/Kg	☼	05/30/12 10:35	05/30/12 23:43	1

Client Sample ID: B-8 (0'-3')

Lab Sample ID: 700-67982-15
Date Collected: 05/29/12 15:20
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 94.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,1,1-Trichloroethane	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,1,2-Trichloroethane	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,1-Dichloroethane	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,1-Dichloroethene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,2-Dichloroethane	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,2-Dichlorobenzene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,3-Dichlorobenzene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,4-Dichlorobenzene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
cis-1,2-Dichloroethene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
1,2-Dichloropropane	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Acetone	<53		53		ug/Kg	☼		06/01/12 00:25	1
Benzene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Bromoform	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Bromomethane	<11		11		ug/Kg	☼		06/01/12 00:25	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-8 (0'-3')
Date Collected: 05/29/12 15:20
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-15
Matrix: Solid
Percent Solids: 94.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Carbon tetrachloride	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Chlorobenzene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Chlorodibromomethane	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Chloroethane	<11		11		ug/Kg	☼		06/01/12 00:25	1
Chloromethane	<11		11		ug/Kg	☼		06/01/12 00:25	1
Chloroform	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Dichlorobromomethane	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Ethylbenzene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
2-Hexanone	<26		26		ug/Kg	☼		06/01/12 00:25	1
Methylene Chloride	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
4-Methyl-2-pentanone (MIBK)	<26		26		ug/Kg	☼		06/01/12 00:25	1
2-Butanone (MEK)	<26		26		ug/Kg	☼		06/01/12 00:25	1
o-Xylene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Xylenes, Total	<16		16		ug/Kg	☼		06/01/12 00:25	1
Styrene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Trichloroethene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Toluene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
Vinyl chloride	<11		11		ug/Kg	☼		06/01/12 00:25	1
trans-1,3-Dichloropropene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
trans-1,2-Dichloroethene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
cis-1,3-Dichloropropene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1
m-Xylene & p-Xylene	<11		11		ug/Kg	☼		06/01/12 00:25	1
Tetrachloroethene	<5.3		5.3		ug/Kg	☼		06/01/12 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*97*		*30 - 140*		*06/01/12 00:25*	*1*
4-Bromofluorobenzene	*89*		*30 - 126*		*06/01/12 00:25*	*1*
Toluene-d8 (Surr)	*98*		*42 - 130*		*06/01/12 00:25*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
1,2-Dichlorobenzene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
1,3-Dichlorobenzene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
1,4-Dichlorobenzene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
1-Methylnaphthalene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2,4,5-Trichlorophenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2,4,6-Trichlorophenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2,4-Dichlorophenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2,4-Dimethylphenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2,4-Dinitrophenol	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2,4-Dinitrotoluene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2,6-Dinitrotoluene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2-Chlorophenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2-Methylnaphthalene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2-Methylphenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2-Nitroaniline	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
2-Nitrophenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
3 & 4 Methylphenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
3,3'-Dichlorobenzidine	<700		700		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-8 (0'-3')
Date Collected: 05/29/12 15:20
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-15
Matrix: Solid
Percent Solids: 94.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
4-Bromophenyl phenyl ether	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
4-Chloro-3-methylphenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
4-Chloroaniline	<700		700		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
4-Chlorophenyl phenyl ether	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
4-Nitroaniline	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
4-Nitrophenol	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Acenaphthene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Acenaphthylene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Anthracene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Benzidine	<2900		2900		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Benzo[a]anthracene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Benzo[a]pyrene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Benzo[b]fluoranthene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Benzo[g,h,i]perylene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Benzo[k]fluoranthene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Bis(2-chloroethoxy)methane	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Bis(2-chloroethyl)ether	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Bis(2-ethylhexyl) phthalate	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Butyl benzyl phthalate	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Chrysene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Di-n-butyl phthalate	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Di-n-octyl phthalate	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Dibenz(a,h)anthracene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Dibenzofuran	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Diethyl phthalate	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Dimethyl phthalate	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Dinoseb	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Fluoranthene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Fluorene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Hexachlorobenzene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Hexachlorobutadiene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Hexachlorocyclopentadiene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Hexachloroethane	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Indeno[1,2,3-cd]pyrene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Isophorone	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
N-Nitrosodi-n-propylamine	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
N-Nitrosodiphenylamine	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Naphthalene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Nitrobenzene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Pentachlorophenol	<1800		1800		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Phenanthrene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Phenol	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Pyrene	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
Carbazole	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5
N-Nitrosodimethylamine	<350		350		ug/Kg	☼	05/30/12 13:00	05/31/12 03:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*5.0 - 130*	*05/30/12 13:00*	*05/31/12 03:35*	*5*
2-Fluorobiphenyl	*42*		*31 - 130*	*05/30/12 13:00*	*05/31/12 03:35*	*5*
2-Fluorophenol (Surr)	*40*		*10 - 128*	*05/30/12 13:00*	*05/31/12 03:35*	*5*

Client Sample ID: B-8 (0'-3')

Lab Sample ID: 700-67982-15

Date Collected: 05/29/12 15:20
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 94.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	*30*	*X*	*35 - 130*	*05/30/12 13:00*	*05/31/12 03:35*	*5*
Phenol-d5 (Surr)	*35*		*29 - 130*	*05/30/12 13:00*	*05/31/12 03:35*	*5*
Terphenyl-d14 (Surr)	*59*		*37 - 149*	*05/30/12 13:00*	*05/31/12 03:35*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<35		35		ug/Kg	☼	05/30/12 09:00	05/30/12 23:55	5
PCB-1221	<71		71		ug/Kg	☼	05/30/12 09:00	05/30/12 23:55	5
PCB-1232	<35		35		ug/Kg	☼	05/30/12 09:00	05/30/12 23:55	5
PCB-1242	<35		35		ug/Kg	☼	05/30/12 09:00	05/30/12 23:55	5
PCB-1248	<35		35		ug/Kg	☼	05/30/12 09:00	05/30/12 23:55	5
PCB-1254	<35		35		ug/Kg	☼	05/30/12 09:00	05/30/12 23:55	5
PCB-1260	<35		35		ug/Kg	☼	05/30/12 09:00	05/30/12 23:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*59*		*30 - 150*	*05/30/12 09:00*	*05/30/12 23:55*	*5*
Tetrachloro-m-xylene	*80*		*30 - 150*	*05/30/12 09:00*	*05/30/12 23:55*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.4**		1.2		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Beryllium	<0.31		0.31		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Cadmium	<0.39		0.39		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Chromium	**8.3**		0.77		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Copper	**46**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Nickel	**3.6**		3.1		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Selenium	<1.2		1.2		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Silver	<0.77		0.77		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Thallium	<1.2		1.2		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1
Zinc	**110**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:34	1

Method: 6010C - Metals (ICP) - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<7.7		7.7		mg/Kg	☼	05/30/12 10:10	05/31/12 13:08	5
Lead	**66**		2.9		mg/Kg	☼	05/30/12 10:10	05/31/12 13:08	5

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.073**		0.011		mg/Kg	☼	05/30/12 10:35	05/30/12 23:45	1

Client Sample ID: B-8 (3'-6')

Lab Sample ID: 700-67982-16

Date Collected: 05/29/12 15:28
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 85.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
1,1,1-Trichloroethane	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
1,1,2-Trichloroethane	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
1,1-Dichloroethane	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
1,1-Dichloroethene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
1,2-Dichloroethane	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-8 (3'-6')
Date Collected: 05/29/12 15:28
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-16
Matrix: Solid
Percent Solids: 85.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
1,3-Dichlorobenzene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
1,4-Dichlorobenzene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
cis-1,2-Dichloroethene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
1,2-Dichloropropane	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Acetone	<59		59		ug/Kg	☼		05/31/12 23:53	1
Benzene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Bromoform	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Bromomethane	<12		12		ug/Kg	☼		05/31/12 23:53	1
Carbon disulfide	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Carbon tetrachloride	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Chlorobenzene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Chlorodibromomethane	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Chloroethane	<12		12		ug/Kg	☼		05/31/12 23:53	1
Chloromethane	<12		12		ug/Kg	☼		05/31/12 23:53	1
Chloroform	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Dichlorobromomethane	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Ethylbenzene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
2-Hexanone	<29		29		ug/Kg	☼		05/31/12 23:53	1
Methylene Chloride	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
4-Methyl-2-pentanone (MIBK)	<29		29		ug/Kg	☼		05/31/12 23:53	1
2-Butanone (MEK)	<29		29		ug/Kg	☼		05/31/12 23:53	1
o-Xylene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Xylenes, Total	<18		18		ug/Kg	☼		05/31/12 23:53	1
Styrene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Trichloroethene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Toluene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
Vinyl chloride	<12		12		ug/Kg	☼		05/31/12 23:53	1
trans-1,3-Dichloropropene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
trans-1,2-Dichloroethene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
cis-1,3-Dichloropropene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		05/31/12 23:53	1
Tetrachloroethene	<5.9		5.9		ug/Kg	☼		05/31/12 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*104*		*30 - 140*		*05/31/12 23:53*	*1*
4-Bromofluorobenzene	*81*		*30 - 126*		*05/31/12 23:53*	*1*
Toluene-d8 (Surr)	*102*		*42 - 130*		*05/31/12 23:53*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
1,2-Dichlorobenzene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
1,3-Dichlorobenzene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
1,4-Dichlorobenzene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
1-Methylnaphthalene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2,4,5-Trichlorophenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2,4,6-Trichlorophenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2,4-Dichlorophenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2,4-Dimethylphenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2,4-Dinitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-8 (3'-6')
Date Collected: 05/29/12 15:28
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-16
Matrix: Solid
Percent Solids: 85.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2,6-Dinitrotoluene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2-Chlorophenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2-Methylnaphthalene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2-Methylphenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
2-Nitrophenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
3 & 4 Methylphenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
3,3'-Dichlorobenzidine	<770		770		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
4,6-Dinitro-2-methylphenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
4-Bromophenyl phenyl ether	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
4-Chloro-3-methylphenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
4-Chloroaniline	<770		770		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
4-Chlorophenyl phenyl ether	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
4-Nitroaniline	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
4-Nitrophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Acenaphthene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Acenaphthylene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Anthracene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Benzidine	<3200		3200		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Benzo[a]anthracene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Benzo[a]pyrene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Benzo[b]fluoranthene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Benzo[g,h,i]perylene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Benzo[k]fluoranthene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Bis(2-chloroethoxy)methane	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Bis(2-chloroethyl)ether	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Bis(2-ethylhexyl) phthalate	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Butyl benzyl phthalate	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Chrysene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Di-n-butyl phthalate	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Di-n-octyl phthalate	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Dibenz(a,h)anthracene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Dibenzofuran	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Diethyl phthalate	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Dimethyl phthalate	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Dinoseb	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Fluoranthene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Fluorene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Hexachlorobenzene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Hexachlorobutadiene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Hexachlorocyclopentadiene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Hexachloroethane	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Indeno[1,2,3-cd]pyrene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Isophorone	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
N-Nitrosodi-n-propylamine	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
N-Nitrosodiphenylamine	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Naphthalene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Nitrobenzene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Pentachlorophenol	<2000		2000		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Phenanthrene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-8 (3'-6')
Date Collected: 05/29/12 15:28
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-16
Matrix: Solid
Percent Solids: 85.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Pyrene	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
Carbazole	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5
N-Nitrosodimethylamine	<390		390		ug/Kg	☼	05/30/12 13:00	05/31/12 04:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*5.0 - 130*	*05/30/12 13:00*	*05/31/12 04:04*	*5*
2-Fluorobiphenyl	*38*		*31 - 130*	*05/30/12 13:00*	*05/31/12 04:04*	*5*
2-Fluorophenol (Surr)	*34*		*10 - 128*	*05/30/12 13:00*	*05/31/12 04:04*	*5*
Nitrobenzene-d5 (Surr)	*28*	*X*	*35 - 130*	*05/30/12 13:00*	*05/31/12 04:04*	*5*
Phenol-d5 (Surr)	*37*		*29 - 130*	*05/30/12 13:00*	*05/31/12 04:04*	*5*
Terphenyl-d14 (Surr)	*53*		*37 - 149*	*05/30/12 13:00*	*05/31/12 04:04*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<39		39		ug/Kg	☼	05/30/12 09:00	05/31/12 00:26	5
PCB-1221	<79		79		ug/Kg	☼	05/30/12 09:00	05/31/12 00:26	5
PCB-1232	<39		39		ug/Kg	☼	05/30/12 09:00	05/31/12 00:26	5
PCB-1242	<39		39		ug/Kg	☼	05/30/12 09:00	05/31/12 00:26	5
PCB-1248	<39		39		ug/Kg	☼	05/30/12 09:00	05/31/12 00:26	5
PCB-1254	<39		39		ug/Kg	☼	05/30/12 09:00	05/31/12 00:26	5
PCB-1260	<39		39		ug/Kg	☼	05/30/12 09:00	05/31/12 00:26	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*30 - 150*	*05/30/12 09:00*	*05/31/12 00:26*	*5*
Tetrachloro-m-xylene	*59*		*30 - 150*	*05/30/12 09:00*	*05/31/12 00:26*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.5		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Arsenic	**1.7**		1.1		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Beryllium	<0.30		0.30		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Cadmium	<0.37		0.37		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Chromium	**5.7**		0.74		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Copper	**5.1**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Lead	**22**		0.56		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Nickel	<3.0		3.0		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Selenium	<1.1		1.1		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Silver	<0.74		0.74		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Thallium	<1.1		1.1		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1
Zinc	**15**		1.5		mg/Kg	☼	05/30/12 10:10	05/30/12 19:38	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.087**		0.012		mg/Kg	☼	05/30/12 10:35	05/30/12 23:47	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-1
Date Collected: 05/29/12 14:10
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-17
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			05/30/12 07:06	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			05/30/12 07:06	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			05/30/12 07:06	1
1,1-Dichloroethane	<1.0		1.0		ug/L			05/30/12 07:06	1
1,1-Dichloroethene	<1.0	*	1.0		ug/L			05/30/12 07:06	1
1,2-Dichloroethane	<1.0		1.0		ug/L			05/30/12 07:06	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 07:06	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 07:06	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 07:06	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			05/30/12 07:06	1
1,2-Dichloropropane	<1.0		1.0		ug/L			05/30/12 07:06	1
Acetone	<25		25		ug/L			05/30/12 07:06	1
Benzene	<1.0		1.0		ug/L			05/30/12 07:06	1
Bromoform	<1.0		1.0		ug/L			05/30/12 07:06	1
Bromomethane	<1.0		1.0		ug/L			05/30/12 07:06	1
Carbon disulfide	<1.0		1.0		ug/L			05/30/12 07:06	1
Carbon tetrachloride	<1.0		1.0		ug/L			05/30/12 07:06	1
Chlorobenzene	<1.0		1.0		ug/L			05/30/12 07:06	1
Chlorodibromomethane	<1.0		1.0		ug/L			05/30/12 07:06	1
Chloroethane	<1.0		1.0		ug/L			05/30/12 07:06	1
Chloromethane	<1.0		1.0		ug/L			05/30/12 07:06	1
Chloroform	<1.0	*	1.0		ug/L			05/30/12 07:06	1
Dichlorobromomethane	<1.0		1.0		ug/L			05/30/12 07:06	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/12 07:06	1
2-Hexanone	<10		10		ug/L			05/30/12 07:06	1
Methylene Chloride	<5.0		5.0		ug/L			05/30/12 07:06	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			05/30/12 07:06	1
2-Butanone (MEK)	<10		10		ug/L			05/30/12 07:06	1
o-Xylene	<1.0		1.0		ug/L			05/30/12 07:06	1
Xylenes, Total	<3.0		3.0		ug/L			05/30/12 07:06	1
Styrene	<1.0		1.0		ug/L			05/30/12 07:06	1
Trichloroethene	<1.0		1.0		ug/L			05/30/12 07:06	1
Toluene	<1.0		1.0		ug/L			05/30/12 07:06	1
Vinyl chloride	<1.0		1.0		ug/L			05/30/12 07:06	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			05/30/12 07:06	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			05/30/12 07:06	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			05/30/12 07:06	1
m-Xylene & p-Xylene	<2.0		2.0		ug/L			05/30/12 07:06	1
Tetrachloroethene	<1.0		1.0		ug/L			05/30/12 07:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*112*		*66 - 130*		*05/30/12 07:06*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*		*05/30/12 07:06*	*1*
Toluene-d8 (Surr)	*92*		*77 - 130*		*05/30/12 07:06*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
1,2-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
1,3-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
1,4-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-1
Date Collected: 05/29/12 14:10
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-17
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2,4,5-Trichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2,4,6-Trichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2,4-Dichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2,4-Dimethylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2,4-Dinitrophenol	<47		47		ug/L		05/30/12 07:05	05/30/12 14:37	5
2,4-Dinitrotoluene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2,6-Dinitrotoluene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2-Chlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2-Methylnaphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2-Methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
2-Nitroaniline	<47		47		ug/L		05/30/12 07:05	05/30/12 14:37	5
2-Nitrophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
3 & 4 Methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
3,3'-Dichlorobenzidine	<19		19		ug/L		05/30/12 07:05	05/30/12 14:37	5
4,6-Dinitro-2-methylphenol	<47		47		ug/L		05/30/12 07:05	05/30/12 14:37	5
4-Bromophenyl phenyl ether	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
4-Chloro-3-methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
4-Chloroaniline	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
4-Chlorophenyl phenyl ether	<47		47		ug/L		05/30/12 07:05	05/30/12 14:37	5
4-Nitroaniline	<47		47		ug/L		05/30/12 07:05	05/30/12 14:37	5
4-Nitrophenol	<47		47		ug/L		05/30/12 07:05	05/30/12 14:37	5
Acenaphthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Acenaphthylene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Benzidine	<75		75		ug/L		05/30/12 07:05	05/30/12 14:37	5
Benzo[a]anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Benzo[a]pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Benzo[b]fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Benzo[g,h,i]perylene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Benzo[k]fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Bis(2-chloroethoxy)methane	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Bis(2-chloroethyl)ether	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Bis(2-ethylhexyl) phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Butyl benzyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Chrysene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Di-n-butyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Di-n-octyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Dibenz(a,h)anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Dibenzofuran	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Diethyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Dimethyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Dinoseb	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Fluorene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Hexachlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Hexachlorobutadiene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Hexachlorocyclopentadiene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Hexachloroethane	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Indeno[1,2,3-cd]pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Isophorone	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-1
Date Collected: 05/29/12 14:10
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-17
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
N-Nitrosodiphenylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Naphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Nitrobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Pentachlorophenol	<47		47		ug/L		05/30/12 07:05	05/30/12 14:37	5
Phenanthrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Phenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
Carbazole	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5
N-Nitrosodimethylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 14:37	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*14 - 130*	*05/30/12 07:05*	*05/30/12 14:37*	*5*
2-Fluorobiphenyl	*54*		*34 - 130*	*05/30/12 07:05*	*05/30/12 14:37*	*5*
2-Fluorophenol (Surr)	*39*		*25 - 130*	*05/30/12 07:05*	*05/30/12 14:37*	*5*
Nitrobenzene-d5 (Surr)	*49*		*34 - 132*	*05/30/12 07:05*	*05/30/12 14:37*	*5*
Phenol-d5 (Surr)	*45*		*21 - 130*	*05/30/12 07:05*	*05/30/12 14:37*	*5*
Terphenyl-d14 (Surr)	*28*		*16 - 158*	*05/30/12 07:05*	*05/30/12 14:37*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 10:54	5
PCB-1221	<1.9		1.9		ug/L		05/29/12 19:30	05/30/12 10:54	5
PCB-1232	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 10:54	5
PCB-1242	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 10:54	5
PCB-1248	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 10:54	5
PCB-1254	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 10:54	5
PCB-1260	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 10:54	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*15*	*X*	*30 - 150*	*05/29/12 19:30*	*05/30/12 10:54*	*5*
Tetrachloro-m-xylene	*43*		*30 - 150*	*05/29/12 19:30*	*05/30/12 10:54*	*5*

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.020		0.020		mg/L		05/30/12 09:25	05/30/12 13:56	1
Arsenic	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:56	1
Beryllium	<0.0040		0.0040		mg/L		05/30/12 09:25	05/30/12 13:56	1
Cadmium	<0.0050		0.0050		mg/L		05/30/12 09:25	05/30/12 13:56	1
Chromium	<0.010		0.010		mg/L		05/30/12 09:25	05/30/12 13:56	1
Copper	**0.052**		0.020		mg/L		05/30/12 09:25	05/30/12 13:56	1
Lead	**0.29**		0.0075		mg/L		05/30/12 09:25	05/30/12 13:56	1
Nickel	<0.040		0.040		mg/L		05/30/12 09:25	05/30/12 13:56	1
Selenium	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:56	1
Silver	<0.010		0.010		mg/L		05/30/12 09:25	05/30/12 13:56	1
Thallium	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:56	1
Zinc	**0.16**		0.020		mg/L		05/30/12 09:25	05/30/12 13:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.79**		0.20		ug/L		05/30/12 13:00	05/31/12 12:21	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-2
Date Collected: 05/29/12 14:50
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-18
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			05/30/12 07:34	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			05/30/12 07:34	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			05/30/12 07:34	1
1,1-Dichloroethane	<1.0		1.0		ug/L			05/30/12 07:34	1
1,1-Dichloroethene	<1.0	*	1.0		ug/L			05/30/12 07:34	1
1,2-Dichloroethane	<1.0		1.0		ug/L			05/30/12 07:34	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 07:34	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 07:34	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 07:34	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			05/30/12 07:34	1
1,2-Dichloropropane	<1.0		1.0		ug/L			05/30/12 07:34	1
Acetone	<25		25		ug/L			05/30/12 07:34	1
Benzene	<1.0		1.0		ug/L			05/30/12 07:34	1
Bromoform	<1.0		1.0		ug/L			05/30/12 07:34	1
Bromomethane	<1.0		1.0		ug/L			05/30/12 07:34	1
Carbon disulfide	<1.0		1.0		ug/L			05/30/12 07:34	1
Carbon tetrachloride	<1.0		1.0		ug/L			05/30/12 07:34	1
Chlorobenzene	<1.0		1.0		ug/L			05/30/12 07:34	1
Chlorodibromomethane	<1.0		1.0		ug/L			05/30/12 07:34	1
Chloroethane	<1.0		1.0		ug/L			05/30/12 07:34	1
Chloromethane	<1.0		1.0		ug/L			05/30/12 07:34	1
Chloroform	<1.0	*	1.0		ug/L			05/30/12 07:34	1
Dichlorobromomethane	<1.0		1.0		ug/L			05/30/12 07:34	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/12 07:34	1
2-Hexanone	<10		10		ug/L			05/30/12 07:34	1
Methylene Chloride	<5.0		5.0		ug/L			05/30/12 07:34	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			05/30/12 07:34	1
2-Butanone (MEK)	<10		10		ug/L			05/30/12 07:34	1
o-Xylene	<1.0		1.0		ug/L			05/30/12 07:34	1
Xylenes, Total	<3.0		3.0		ug/L			05/30/12 07:34	1
Styrene	<1.0		1.0		ug/L			05/30/12 07:34	1
Trichloroethene	<1.0		1.0		ug/L			05/30/12 07:34	1
Toluene	<1.0		1.0		ug/L			05/30/12 07:34	1
Vinyl chloride	<1.0		1.0		ug/L			05/30/12 07:34	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			05/30/12 07:34	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			05/30/12 07:34	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			05/30/12 07:34	1
m-Xylene & p-Xylene	<2.0		2.0		ug/L			05/30/12 07:34	1
Tetrachloroethene	<1.0		1.0		ug/L			05/30/12 07:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*114*		*66 - 130*		*05/30/12 07:34*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*		*05/30/12 07:34*	*1*
Toluene-d8 (Surr)	*94*		*77 - 130*		*05/30/12 07:34*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
1,2-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
1,3-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
1,4-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-2
Date Collected: 05/29/12 14:50
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-18
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2,4,5-Trichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2,4,6-Trichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2,4-Dichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2,4-Dimethylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2,4-Dinitrophenol	<46		46		ug/L		05/30/12 07:05	05/30/12 15:08	5
2,4-Dinitrotoluene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2,6-Dinitrotoluene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2-Chlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2-Methylnaphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2-Methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
2-Nitroaniline	<46		46		ug/L		05/30/12 07:05	05/30/12 15:08	5
2-Nitrophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
3 & 4 Methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
3,3'-Dichlorobenzidine	<19		19		ug/L		05/30/12 07:05	05/30/12 15:08	5
4,6-Dinitro-2-methylphenol	<46		46		ug/L		05/30/12 07:05	05/30/12 15:08	5
4-Bromophenyl phenyl ether	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
4-Chloro-3-methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
4-Chloroaniline	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
4-Chlorophenyl phenyl ether	<46		46		ug/L		05/30/12 07:05	05/30/12 15:08	5
4-Nitroaniline	<46		46		ug/L		05/30/12 07:05	05/30/12 15:08	5
4-Nitrophenol	<46		46		ug/L		05/30/12 07:05	05/30/12 15:08	5
Acenaphthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Acenaphthylene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Benzidine	<74		74		ug/L		05/30/12 07:05	05/30/12 15:08	5
Benzo[a]anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Benzo[a]pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Benzo[b]fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Benzo[g,h,i]perylene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Benzo[k]fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Bis(2-chloroethoxy)methane	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Bis(2-chloroethyl)ether	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Bis(2-ethylhexyl) phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Butyl benzyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Chrysene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Di-n-butyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Di-n-octyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Dibenz(a,h)anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Dibenzofuran	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Diethyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Dimethyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Dinoseb	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Fluorene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Hexachlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Hexachlorobutadiene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Hexachlorocyclopentadiene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Hexachloroethane	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Indeno[1,2,3-cd]pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Isophorone	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-2
Date Collected: 05/29/12 14:50
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-18
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
N-Nitrosodiphenylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Naphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Nitrobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Pentachlorophenol	<46		46		ug/L		05/30/12 07:05	05/30/12 15:08	5
Phenanthrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Phenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
Carbazole	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5
N-Nitrosodimethylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*14 - 130*	*05/30/12 07:05*	*05/30/12 15:08*	*5*
2-Fluorobiphenyl	*56*		*34 - 130*	*05/30/12 07:05*	*05/30/12 15:08*	*5*
2-Fluorophenol (Surr)	*45*		*25 - 130*	*05/30/12 07:05*	*05/30/12 15:08*	*5*
Nitrobenzene-d5 (Surr)	*51*		*34 - 132*	*05/30/12 07:05*	*05/30/12 15:08*	*5*
Phenol-d5 (Surr)	*42*		*21 - 130*	*05/30/12 07:05*	*05/30/12 15:08*	*5*
Terphenyl-d14 (Surr)	*36*		*16 - 158*	*05/30/12 07:05*	*05/30/12 15:08*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.98		0.98		ug/L		05/29/12 19:30	05/30/12 11:25	5
PCB-1221	<2.0		2.0		ug/L		05/29/12 19:30	05/30/12 11:25	5
PCB-1232	<0.98		0.98		ug/L		05/29/12 19:30	05/30/12 11:25	5
PCB-1242	<0.98		0.98		ug/L		05/29/12 19:30	05/30/12 11:25	5
PCB-1248	<0.98		0.98		ug/L		05/29/12 19:30	05/30/12 11:25	5
PCB-1254	<0.98		0.98		ug/L		05/29/12 19:30	05/30/12 11:25	5
PCB-1260	<0.98		0.98		ug/L		05/29/12 19:30	05/30/12 11:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*24*	*X*	*30 - 150*	*05/29/12 19:30*	*05/30/12 11:25*	*5*
Tetrachloro-m-xylene	*92*		*30 - 150*	*05/29/12 19:30*	*05/30/12 11:25*	*5*

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.020		0.020		mg/L		05/30/12 09:25	05/30/12 13:59	1
Arsenic	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:59	1
Beryllium	<0.0040		0.0040		mg/L		05/30/12 09:25	05/30/12 13:59	1
Cadmium	<0.0050		0.0050		mg/L		05/30/12 09:25	05/30/12 13:59	1
Chromium	<0.010		0.010		mg/L		05/30/12 09:25	05/30/12 13:59	1
Copper	**0.022**		0.020		mg/L		05/30/12 09:25	05/30/12 13:59	1
Lead	**0.15**		0.0075		mg/L		05/30/12 09:25	05/30/12 13:59	1
Nickel	<0.040		0.040		mg/L		05/30/12 09:25	05/30/12 13:59	1
Selenium	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:59	1
Silver	<0.010		0.010		mg/L		05/30/12 09:25	05/30/12 13:59	1
Thallium	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:59	1
Zinc	**0.061**		0.020		mg/L		05/30/12 09:25	05/30/12 13:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.35**		0.20		ug/L		05/30/12 13:00	05/31/12 12:27	1

Client Sample ID: TW-3
Date Collected: 05/29/12 15:40
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-19
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			05/30/12 08:02	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			05/30/12 08:02	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			05/30/12 08:02	1
1,1-Dichloroethane	<1.0		1.0		ug/L			05/30/12 08:02	1
1,1-Dichloroethene	<1.0	*	1.0		ug/L			05/30/12 08:02	1
1,2-Dichloroethane	<1.0		1.0		ug/L			05/30/12 08:02	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 08:02	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 08:02	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			05/30/12 08:02	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			05/30/12 08:02	1
1,2-Dichloropropane	<1.0		1.0		ug/L			05/30/12 08:02	1
Acetone	<25		25		ug/L			05/30/12 08:02	1
Benzene	<1.0		1.0		ug/L			05/30/12 08:02	1
Bromoform	<1.0		1.0		ug/L			05/30/12 08:02	1
Bromomethane	<1.0		1.0		ug/L			05/30/12 08:02	1
Carbon disulfide	<1.0		1.0		ug/L			05/30/12 08:02	1
Carbon tetrachloride	<1.0		1.0		ug/L			05/30/12 08:02	1
Chlorobenzene	<1.0		1.0		ug/L			05/30/12 08:02	1
Chlorodibromomethane	<1.0		1.0		ug/L			05/30/12 08:02	1
Chloroethane	<1.0		1.0		ug/L			05/30/12 08:02	1
Chloromethane	<1.0		1.0		ug/L			05/30/12 08:02	1
Chloroform	<1.0	*	1.0		ug/L			05/30/12 08:02	1
Dichlorobromomethane	<1.0		1.0		ug/L			05/30/12 08:02	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/12 08:02	1
2-Hexanone	<10		10		ug/L			05/30/12 08:02	1
Methylene Chloride	<5.0		5.0		ug/L			05/30/12 08:02	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			05/30/12 08:02	1
2-Butanone (MEK)	<10		10		ug/L			05/30/12 08:02	1
o-Xylene	<1.0		1.0		ug/L			05/30/12 08:02	1
Xylenes, Total	<3.0		3.0		ug/L			05/30/12 08:02	1
Styrene	<1.0		1.0		ug/L			05/30/12 08:02	1
Trichloroethene	<1.0		1.0		ug/L			05/30/12 08:02	1
Toluene	<1.0		1.0		ug/L			05/30/12 08:02	1
Vinyl chloride	<1.0		1.0		ug/L			05/30/12 08:02	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			05/30/12 08:02	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			05/30/12 08:02	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			05/30/12 08:02	1
m-Xylene & p-Xylene	<2.0		2.0		ug/L			05/30/12 08:02	1
Tetrachloroethene	<1.0		1.0		ug/L			05/30/12 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*109*		*66 - 130*		*05/30/12 08:02*	*1*
4-Bromofluorobenzene	*102*		*70 - 130*		*05/30/12 08:02*	*1*
Toluene-d8 (Surr)	*93*		*77 - 130*		*05/30/12 08:02*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
1,2-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
1,3-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
1,4-Dichlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-3
Date Collected: 05/29/12 15:40
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-19
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2,4,5-Trichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2,4,6-Trichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2,4-Dichlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2,4-Dimethylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2,4-Dinitrophenol	<46		46		ug/L		05/30/12 07:05	05/30/12 15:39	5
2,4-Dinitrotoluene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2,6-Dinitrotoluene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2-Chlorophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2-Methylnaphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2-Methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
2-Nitroaniline	<46		46		ug/L		05/30/12 07:05	05/30/12 15:39	5
2-Nitrophenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
3 & 4 Methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
3,3'-Dichlorobenzidine	<19		19		ug/L		05/30/12 07:05	05/30/12 15:39	5
4,6-Dinitro-2-methylphenol	<46		46		ug/L		05/30/12 07:05	05/30/12 15:39	5
4-Bromophenyl phenyl ether	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
4-Chloro-3-methylphenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
4-Chloroaniline	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
4-Chlorophenyl phenyl ether	<46		46		ug/L		05/30/12 07:05	05/30/12 15:39	5
4-Nitroaniline	<46		46		ug/L		05/30/12 07:05	05/30/12 15:39	5
4-Nitrophenol	<46		46		ug/L		05/30/12 07:05	05/30/12 15:39	5
Acenaphthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Acenaphthylene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Benzidine	<74		74		ug/L		05/30/12 07:05	05/30/12 15:39	5
Benzo[a]anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Benzo[a]pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Benzo[b]fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Benzo[g,h,i]perylene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Benzo[k]fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Bis(2-chloroethoxy)methane	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Bis(2-chloroethyl)ether	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Bis(2-ethylhexyl) phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Butyl benzyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Chrysene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Di-n-butyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Di-n-octyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Dibenz(a,h)anthracene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Dibenzofuran	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Diethyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Dimethyl phthalate	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Dinoseb	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Fluoranthene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Fluorene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Hexachlorobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Hexachlorobutadiene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Hexachlorocyclopentadiene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Hexachloroethane	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Indeno[1,2,3-cd]pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Isophorone	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-3
Date Collected: 05/29/12 15:40
Date Received: 05/29/12 16:12

Lab Sample ID: 700-67982-19
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
N-Nitrosodiphenylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Naphthalene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Nitrobenzene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Pentachlorophenol	<46		46		ug/L		05/30/12 07:05	05/30/12 15:39	5
Phenanthrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Phenol	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Pyrene	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
Carbazole	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5
N-Nitrosodimethylamine	<9.3		9.3		ug/L		05/30/12 07:05	05/30/12 15:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*49*		*14 - 130*	*05/30/12 07:05*	*05/30/12 15:39*	*5*
2-Fluorobiphenyl	*53*		*34 - 130*	*05/30/12 07:05*	*05/30/12 15:39*	*5*
2-Fluorophenol (Surr)	*35*		*25 - 130*	*05/30/12 07:05*	*05/30/12 15:39*	*5*
Nitrobenzene-d5 (Surr)	*43*		*34 - 132*	*05/30/12 07:05*	*05/30/12 15:39*	*5*
Phenol-d5 (Surr)	*38*		*21 - 130*	*05/30/12 07:05*	*05/30/12 15:39*	*5*
Terphenyl-d14 (Surr)	*32*		*16 - 158*	*05/30/12 07:05*	*05/30/12 15:39*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 11:56	5
PCB-1221	<1.9		1.9		ug/L		05/29/12 19:30	05/30/12 11:56	5
PCB-1232	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 11:56	5
PCB-1242	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 11:56	5
PCB-1248	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 11:56	5
PCB-1254	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 11:56	5
PCB-1260	<0.95		0.95		ug/L		05/29/12 19:30	05/30/12 11:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*16*	*X*	*30 - 150*	*05/29/12 19:30*	*05/30/12 11:56*	*5*
Tetrachloro-m-xylene	*80*		*30 - 150*	*05/29/12 19:30*	*05/30/12 11:56*	*5*

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.020		0.020		mg/L		05/30/12 09:25	05/30/12 14:03	1
Arsenic	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 14:03	1
Beryllium	<0.0040		0.0040		mg/L		05/30/12 09:25	05/30/12 14:03	1
Cadmium	<0.0050		0.0050		mg/L		05/30/12 09:25	05/30/12 14:03	1
Chromium	<0.010		0.010		mg/L		05/30/12 09:25	05/30/12 14:03	1
Copper	**0.029**		0.020		mg/L		05/30/12 09:25	05/30/12 14:03	1
Lead	**0.22**		0.0075		mg/L		05/30/12 09:25	05/30/12 14:03	1
Nickel	<0.040		0.040		mg/L		05/30/12 09:25	05/30/12 14:03	1
Selenium	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 14:03	1
Silver	<0.010		0.010		mg/L		05/30/12 09:25	05/30/12 14:03	1
Thallium	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 14:03	1
Zinc	**0.090**		0.020		mg/L		05/30/12 09:25	05/30/12 14:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/30/12 13:00	05/31/12 12:30	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 700-117500/6
Matrix: Solid
Analysis Batch: 117500

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Acetone	<50		50		ug/Kg			05/29/12 19:54	1
Benzene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Bromoform	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Bromomethane	<10		10		ug/Kg			05/29/12 19:54	1
Carbon disulfide	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Chlorobenzene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Chloroethane	<10		10		ug/Kg			05/29/12 19:54	1
Chloromethane	<10		10		ug/Kg			05/29/12 19:54	1
Chloroform	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Dichlorobromomethane	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Ethylbenzene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
2-Hexanone	<25		25		ug/Kg			05/29/12 19:54	1
Methylene Chloride	<5.0		5.0		ug/Kg			05/29/12 19:54	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/Kg			05/29/12 19:54	1
2-Butanone (MEK)	<25		25		ug/Kg			05/29/12 19:54	1
o-Xylene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Xylenes, Total	<15		15		ug/Kg			05/29/12 19:54	1
Styrene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Trichloroethene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Toluene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
Vinyl chloride	<10		10		ug/Kg			05/29/12 19:54	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/29/12 19:54	1
m-Xylene & p-Xylene	<10		10		ug/Kg			05/29/12 19:54	1
Tetrachloroethene	<5.0		5.0		ug/Kg			05/29/12 19:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*95*		*30 - 140*		*05/29/12 19:54*	*1*
4-Bromofluorobenzene	*93*		*30 - 126*		*05/29/12 19:54*	*1*
Toluene-d8 (Surr)	*114*		*42 - 130*		*05/29/12 19:54*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 700-117500/4
Matrix: Solid
Analysis Batch: 117500

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	21.4		ug/Kg		86	38 - 154
1,1,1-Trichloroethane	25.0	29.4		ug/Kg		118	64 - 148
1,1,2-Trichloroethane	25.0	24.7		ug/Kg		99	50 - 143
1,1-Dichloroethane	25.0	25.3		ug/Kg		101	56 - 148
1,1-Dichloroethene	25.0	32.0		ug/Kg		128	48 - 154
1,2-Dichloroethane	25.0	24.8		ug/Kg		99	58 - 147
1,2-Dichlorobenzene	25.0	24.6		ug/Kg		98	64 - 146
1,3-Dichlorobenzene	25.0	25.3		ug/Kg		101	64 - 135
1,4-Dichlorobenzene	25.0	26.3		ug/Kg		105	49 - 139
cis-1,2-Dichloroethene	25.0	22.7		ug/Kg		91	50 - 150
1,2-Dichloropropane	25.0	23.3		ug/Kg		93	63 - 134
Benzene	25.0	24.3		ug/Kg		97	69 - 137
Bromoform	25.0	23.8		ug/Kg		95	42 - 144
Carbon tetrachloride	25.0	31.4		ug/Kg		125	50 - 150
Chlorobenzene	25.0	25.2		ug/Kg		101	70 - 138
Chlorodibromomethane	25.0	23.3		ug/Kg		93	50 - 137
Chloroform	25.0	26.2		ug/Kg		105	65 - 136
Dichlorobromomethane	25.0	24.3		ug/Kg		97	50 - 150
Ethylbenzene	25.0	24.0		ug/Kg		96	72 - 145
Methylene Chloride	25.0	22.7		ug/Kg		91	58 - 145
o-Xylene	25.0	23.0		ug/Kg		92	50 - 150
Trichloroethene	25.0	28.4		ug/Kg		114	68 - 138
Toluene	25.0	25.3		ug/Kg		101	66 - 141
trans-1,3-Dichloropropene	25.0	22.1		ug/Kg		88	56 - 140
trans-1,2-Dichloroethene	25.0	26.5		ug/Kg		106	61 - 149
cis-1,3-Dichloropropene	25.0	22.5		ug/Kg		90	50 - 150
m-Xylene & p-Xylene	50.0	43.2		ug/Kg		86	50 - 150
Tetrachloroethene	25.0	33.9		ug/Kg		136	61 - 141

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*97*		*30 - 140*
4-Bromofluorobenzene	*99*		*30 - 126*
Toluene-d8 (Surr)	*98*		*42 - 130*

Lab Sample ID: LCSD 700-117500/5
Matrix: Solid
Analysis Batch: 117500

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	25.0	27.5		ug/Kg		110	38 - 154	25	28
1,1,1-Trichloroethane	25.0	38.0	*	ug/Kg		152	64 - 148	25	54
1,1,2-Trichloroethane	25.0	32.4		ug/Kg		130	50 - 143	27	27
1,1-Dichloroethane	25.0	36.1		ug/Kg		144	56 - 148	35	38
1,1-Dichloroethene	25.0	36.8		ug/Kg		147	48 - 154	14	46
1,2-Dichloroethane	25.0	31.6		ug/Kg		126	58 - 147	24	25
1,2-Dichlorobenzene	25.0	30.3		ug/Kg		121	64 - 146	21	28
1,3-Dichlorobenzene	25.0	30.7		ug/Kg		123	64 - 135	20	34
1,4-Dichlorobenzene	25.0	31.2		ug/Kg		125	49 - 139	17	36
cis-1,2-Dichloroethene	25.0	29.4		ug/Kg		117	50 - 150	26	37

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 700-117500/5
Matrix: Solid
Analysis Batch: 117500

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane			25.0	32.3	*	ug/Kg		129	63 - 134	32	27
Benzene			25.0	33.7		ug/Kg		135	69 - 137	33	42
Bromoform			25.0	28.7		ug/Kg		115	42 - 144	19	24
Carbon tetrachloride			25.0	38.2	*	ug/Kg		153	50 - 150	20	59
Chlorobenzene			25.0	32.7		ug/Kg		131	70 - 138	26	34
Chlorodibromomethane			25.0	29.8	*	ug/Kg		119	50 - 137	24	22
Chloroform			25.0	35.4	*	ug/Kg		142	65 - 136	30	38
Dichlorobromomethane			25.0	30.9		ug/Kg		124	50 - 150	24	33
Ethylbenzene			25.0	30.7		ug/Kg		123	72 - 145	24	44
Methylene Chloride			25.0	35.6	*	ug/Kg		143	58 - 145	44	32
o-Xylene			25.0	28.5		ug/Kg		114	50 - 150	21	32
Trichloroethene			25.0	35.1	*	ug/Kg		141	68 - 138	21	34
Toluene			25.0	33.0		ug/Kg		132	66 - 141	27	32
trans-1,3-Dichloropropene			25.0	28.1		ug/Kg		112	56 - 140	24	50
trans-1,2-Dichloroethene			25.0	36.1		ug/Kg		145	61 - 149	31	56
cis-1,3-Dichloropropene			25.0	29.4		ug/Kg		118	50 - 150	27	30
m-Xylene & p-Xylene			50.0	54.2		ug/Kg		108	50 - 150	23	43
Tetrachloroethene			25.0	39.1	*	ug/Kg		157	61 - 141	14	44

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane	*101*		*30 - 140*
4-Bromofluorobenzene	*97*		*30 - 126*
Toluene-d8 (Surr)	*96*		*42 - 130*

Lab Sample ID: MB 700-117535/6
Matrix: Water
Analysis Batch: 117535

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			05/29/12 23:39	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			05/29/12 23:39	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			05/29/12 23:39	1
1,1-Dichloroethane	<1.0		1.0		ug/L			05/29/12 23:39	1
1,1-Dichloroethene	<1.0		1.0		ug/L			05/29/12 23:39	1
1,2-Dichloroethane	<1.0		1.0		ug/L			05/29/12 23:39	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			05/29/12 23:39	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			05/29/12 23:39	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			05/29/12 23:39	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			05/29/12 23:39	1
1,2-Dichloropropane	<1.0		1.0		ug/L			05/29/12 23:39	1
Acetone	<25		25		ug/L			05/29/12 23:39	1
Benzene	<1.0		1.0		ug/L			05/29/12 23:39	1
Bromoform	<1.0		1.0		ug/L			05/29/12 23:39	1
Bromomethane	<1.0		1.0		ug/L			05/29/12 23:39	1
Carbon disulfide	<1.0		1.0		ug/L			05/29/12 23:39	1
Carbon tetrachloride	<1.0		1.0		ug/L			05/29/12 23:39	1
Chlorobenzene	<1.0		1.0		ug/L			05/29/12 23:39	1
Chlorodibromomethane	<1.0		1.0		ug/L			05/29/12 23:39	1
Chloroethane	<1.0		1.0		ug/L			05/29/12 23:39	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 700-117535/6
Matrix: Water
Analysis Batch: 117535

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<1.0		1.0		ug/L			05/29/12 23:39	1
Chloroform	<1.0		1.0		ug/L			05/29/12 23:39	1
Dichlorobromomethane	<1.0		1.0		ug/L			05/29/12 23:39	1
Ethylbenzene	<1.0		1.0		ug/L			05/29/12 23:39	1
2-Hexanone	<10		10		ug/L			05/29/12 23:39	1
Methylene Chloride	<5.0		5.0		ug/L			05/29/12 23:39	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			05/29/12 23:39	1
2-Butanone (MEK)	<10		10		ug/L			05/29/12 23:39	1
o-Xylene	<1.0		1.0		ug/L			05/29/12 23:39	1
Xylenes, Total	<3.0		3.0		ug/L			05/29/12 23:39	1
Styrene	<1.0		1.0		ug/L			05/29/12 23:39	1
Trichloroethene	<1.0		1.0		ug/L			05/29/12 23:39	1
Toluene	<1.0		1.0		ug/L			05/29/12 23:39	1
Vinyl chloride	<1.0		1.0		ug/L			05/29/12 23:39	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			05/29/12 23:39	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			05/29/12 23:39	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			05/29/12 23:39	1
m-Xylene & p-Xylene	<2.0		2.0		ug/L			05/29/12 23:39	1
Tetrachloroethene	<1.0		1.0		ug/L			05/29/12 23:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*112*		*66 - 130*		*05/29/12 23:39*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*		*05/29/12 23:39*	*1*
Toluene-d8 (Surr)	*93*		*77 - 130*		*05/29/12 23:39*	*1*

Lab Sample ID: LCS 700-117535/3
Matrix: Water
Analysis Batch: 117535

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	63 - 135
1,1,1-Trichloroethane	25.0	27.1		ug/L		108	50 - 150
1,1,2-Trichloroethane	25.0	29.1		ug/L		116	50 - 150
1,1-Dichloroethane	25.0	27.8		ug/L		111	56 - 146
1,1-Dichloroethene	25.0	24.1		ug/L		97	56 - 146
1,2-Dichloroethane	25.0	27.0		ug/L		108	50 - 150
1,2-Dichlorobenzene	25.0	25.4		ug/L		102	54 - 142
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	56 - 142
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	62 - 131
cis-1,2-Dichloroethene	25.0	21.6		ug/L		86	60 - 145
1,2-Dichloropropane	25.0	29.2		ug/L		117	50 - 150
Benzene	25.0	26.4		ug/L		105	68 - 135
Bromoform	25.0	22.4		ug/L		90	54 - 139
Carbon tetrachloride	25.0	26.1		ug/L		104	50 - 150
Chlorobenzene	25.0	25.1		ug/L		100	70 - 132
Chlorodibromomethane	25.0	21.0		ug/L		84	60 - 132
Chloroform	25.0	30.9		ug/L		124	64 - 131
Dichlorobromomethane	25.0	25.7		ug/L		103	50 - 150
Ethylbenzene	25.0	24.7		ug/L		99	70 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 700-117535/3
Matrix: Water
Analysis Batch: 117535

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Methylene Chloride			25.0	26.8		ug/L		107	62 - 148		
o-Xylene			25.0	24.7		ug/L		99	50 - 150		
Trichloroethene			25.0	26.4		ug/L		106	67 - 145		
Toluene			25.0	25.3		ug/L		101	70 - 133		
trans-1,3-Dichloropropene			25.0	16.5		ug/L		66	50 - 150		
trans-1,2-Dichloroethene			25.0	26.0		ug/L		104	57 - 145		
cis-1,3-Dichloropropene			25.0	19.0		ug/L		76	50 - 150		
m-Xylene & p-Xylene			50.0	46.8		ug/L		94	50 - 150		
Tetrachloroethene			25.0	24.3		ug/L		97	51 - 154		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*110*		*66 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*
Toluene-d8 (Surr)	*96*		*77 - 130*

Lab Sample ID: LCSD 700-117535/4
Matrix: Water
Analysis Batch: 117535

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			25.0	26.6		ug/L		107	63 - 135	3	22
1,1,1-Trichloroethane			25.0	29.6		ug/L		119	50 - 150	9	27
1,1,2-Trichloroethane			25.0	28.5		ug/L		114	50 - 150	2	30
1,1-Dichloroethane			25.0	32.2		ug/L		129	56 - 146	15	47
1,1-Dichloroethene			25.0	36.0	*	ug/L		144	56 - 146	39	30
1,2-Dichloroethane			25.0	27.7		ug/L		111	50 - 150	2	23
1,2-Dichlorobenzene			25.0	24.7		ug/L		99	54 - 142	3	39
1,3-Dichlorobenzene			25.0	23.4		ug/L		94	56 - 142	1	29
1,4-Dichlorobenzene			25.0	24.7		ug/L		99	62 - 131	1	29
cis-1,2-Dichloroethene			25.0	25.2		ug/L		101	60 - 145	15	28
1,2-Dichloropropane			25.0	30.0		ug/L		120	50 - 150	3	24
Benzene			25.0	28.9		ug/L		116	68 - 135	9	37
Bromoform			25.0	21.6		ug/L		87	54 - 139	3	31
Carbon tetrachloride			25.0	29.0		ug/L		116	50 - 150	11	38
Chlorobenzene			25.0	24.9		ug/L		100	70 - 132	1	22
Chlorodibromomethane			25.0	21.0		ug/L		84	60 - 132	0	31
Chloroform			25.0	33.2	*	ug/L		133	64 - 131	7	20
Dichlorobromomethane			25.0	26.4		ug/L		106	50 - 150	3	28
Ethylbenzene			25.0	25.1		ug/L		100	70 - 123	2	25
Methylene Chloride			25.0	31.1		ug/L		124	62 - 148	15	50
o-Xylene			25.0	25.2		ug/L		101	50 - 150	2	23
Trichloroethene			25.0	28.1		ug/L		112	67 - 145	6	35
Toluene			25.0	26.2		ug/L		105	70 - 133	4	33
trans-1,3-Dichloropropene			25.0	16.4		ug/L		65	50 - 150	1	24
trans-1,2-Dichloroethene			25.0	32.4		ug/L		129	57 - 145	22	22
cis-1,3-Dichloropropene			25.0	18.8		ug/L		75	50 - 150	1	25
m-Xylene & p-Xylene			50.0	47.6		ug/L		95	50 - 150	2	26
Tetrachloroethene			25.0	25.0		ug/L		100	51 - 154	3	24

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 700-117535/4
Matrix: Water
Analysis Batch: 117535

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane	*112*		*66 - 130*
4-Bromofluorobenzene	*103*		*70 - 130*
Toluene-d8 (Surr)	*96*		*77 - 130*

Lab Sample ID: MB 700-117614/6
Matrix: Solid
Analysis Batch: 117614

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Acetone	<50		50		ug/Kg			05/30/12 19:46	1
Benzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Bromoform	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Bromomethane	<10		10		ug/Kg			05/30/12 19:46	1
Carbon disulfide	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Chlorobenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Chloroethane	<10		10		ug/Kg			05/30/12 19:46	1
Chloromethane	<10		10		ug/Kg			05/30/12 19:46	1
Chloroform	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Dichlorobromomethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Ethylbenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
2-Hexanone	<25		25		ug/Kg			05/30/12 19:46	1
Methylene Chloride	<5.0		5.0		ug/Kg			05/30/12 19:46	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/Kg			05/30/12 19:46	1
2-Butanone (MEK)	<25		25		ug/Kg			05/30/12 19:46	1
o-Xylene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Xylenes, Total	<15		15		ug/Kg			05/30/12 19:46	1
Styrene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Trichloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Toluene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Vinyl chloride	<10		10		ug/Kg			05/30/12 19:46	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
m-Xylene & p-Xylene	<10		10		ug/Kg			05/30/12 19:46	1
Tetrachloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 700-117614/6
Matrix: Solid
Analysis Batch: 117614

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	86		30 - 140		05/30/12 19:46	1
4-Bromofluorobenzene	95		30 - 126		05/30/12 19:46	1
Toluene-d8 (Surr)	101		42 - 130		05/30/12 19:46	1

Lab Sample ID: LCS 700-117614/4
Matrix: Solid
Analysis Batch: 117614

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	22.3		ug/Kg		89	38 - 154
1,1,1-Trichloroethane	25.0	30.7		ug/Kg		123	64 - 148
1,1,2-Trichloroethane	25.0	26.4		ug/Kg		105	50 - 143
1,1-Dichloroethane	25.0	30.3		ug/Kg		121	56 - 148
1,1-Dichloroethene	25.0	27.6		ug/Kg		110	48 - 154
1,2-Dichloroethane	25.0	25.8		ug/Kg		103	58 - 147
1,2-Dichlorobenzene	25.0	27.2		ug/Kg		109	64 - 146
1,3-Dichlorobenzene	25.0	28.1		ug/Kg		112	64 - 135
1,4-Dichlorobenzene	25.0	28.4		ug/Kg		114	49 - 139
cis-1,2-Dichloroethene	25.0	22.0		ug/Kg		88	50 - 150
1,2-Dichloropropane	25.0	26.3		ug/Kg		105	63 - 134
Benzene	25.0	27.5		ug/Kg		110	69 - 137
Bromoform	25.0	23.9		ug/Kg		96	42 - 144
Carbon tetrachloride	25.0	31.3		ug/Kg		125	50 - 150
Chlorobenzene	25.0	28.8		ug/Kg		115	70 - 138
Chlorodibromomethane	25.0	24.9		ug/Kg		100	50 - 137
Chloroform	25.0	29.8		ug/Kg		119	65 - 136
Dichlorobromomethane	25.0	26.3		ug/Kg		105	50 - 150
Ethylbenzene	25.0	28.3		ug/Kg		113	72 - 145
Methylene Chloride	25.0	23.6		ug/Kg		95	58 - 145
o-Xylene	25.0	26.0		ug/Kg		104	50 - 150
Trichloroethene	25.0	31.2		ug/Kg		125	68 - 138
Toluene	25.0	28.6		ug/Kg		115	66 - 141
trans-1,3-Dichloropropene	25.0	24.0		ug/Kg		96	56 - 140
trans-1,2-Dichloroethene	25.0	31.1		ug/Kg		124	61 - 149
cis-1,3-Dichloropropene	25.0	25.1		ug/Kg		100	50 - 150
m-Xylene & p-Xylene	50.0	49.0		ug/Kg		98	50 - 150
Tetrachloroethene	25.0	31.0		ug/Kg		124	61 - 141

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	102		30 - 140
4-Bromofluorobenzene	97		30 - 126
Toluene-d8 (Surr)	99		42 - 130

Lab Sample ID: LCSD 700-117614/5
Matrix: Solid
Analysis Batch: 117614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	25.0	21.3		ug/Kg		85	38 - 154	5	28

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 700-117614/5
Matrix: Solid
Analysis Batch: 117614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			25.0	30.0		ug/Kg		120	64 - 148	2	54
1,1,2-Trichloroethane			25.0	26.6		ug/Kg		106	50 - 143	1	27
1,1-Dichloroethane			25.0	29.4		ug/Kg		117	56 - 148	3	38
1,1-Dichloroethene			25.0	29.4		ug/Kg		118	48 - 154	6	46
1,2-Dichloroethane			25.0	25.1		ug/Kg		100	58 - 147	3	25
1,2-Dichlorobenzene			25.0	23.9		ug/Kg		95	64 - 146	13	28
1,3-Dichlorobenzene			25.0	24.9		ug/Kg		99	64 - 135	12	34
1,4-Dichlorobenzene			25.0	25.4		ug/Kg		102	49 - 139	11	36
cis-1,2-Dichloroethene			25.0	20.9		ug/Kg		83	50 - 150	5	37
1,2-Dichloropropane			25.0	25.4		ug/Kg		102	63 - 134	3	27
Benzene			25.0	26.5		ug/Kg		106	69 - 137	4	42
Bromoform			25.0	23.3		ug/Kg		93	42 - 144	2	24
Carbon tetrachloride			25.0	30.2		ug/Kg		121	50 - 150	4	59
Chlorobenzene			25.0	26.4		ug/Kg		106	70 - 138	9	34
Chlorodibromomethane			25.0	23.3		ug/Kg		93	50 - 137	7	22
Chloroform			25.0	28.8		ug/Kg		115	65 - 136	4	38
Dichlorobromomethane			25.0	24.9		ug/Kg		100	50 - 150	5	33
Ethylbenzene			25.0	24.6		ug/Kg		98	72 - 145	14	44
Methylene Chloride			25.0	28.3		ug/Kg		113	58 - 145	18	32
o-Xylene			25.0	23.2		ug/Kg		93	50 - 150	11	32
Trichloroethene			25.0	28.7		ug/Kg		115	68 - 138	8	34
Toluene			25.0	26.6		ug/Kg		107	66 - 141	7	32
trans-1,3-Dichloropropene			25.0	22.3		ug/Kg		89	56 - 140	7	50
trans-1,2-Dichloroethene			25.0	28.9		ug/Kg		115	61 - 149	7	56
cis-1,3-Dichloropropene			25.0	23.8		ug/Kg		95	50 - 150	5	30
m-Xylene & p-Xylene			50.0	42.8		ug/Kg		86	50 - 150	13	43
Tetrachloroethene			25.0	27.5		ug/Kg		110	61 - 141	12	44

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane	*101*		*30 - 140*
4-Bromofluorobenzene	*99*		*30 - 126*
Toluene-d8 (Surr)	*99*		*42 - 130*

Lab Sample ID: MB 700-117645/6
Matrix: Solid
Analysis Batch: 117645

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			05/31/12 20:44	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 700-117645/6
Matrix: Solid
Analysis Batch: 117645

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<50		50		ug/Kg			05/31/12 20:44	1
Benzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Bromoform	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Bromomethane	<10		10		ug/Kg			05/31/12 20:44	1
Carbon disulfide	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Chlorobenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Chloroethane	<10		10		ug/Kg			05/31/12 20:44	1
Chloromethane	<10		10		ug/Kg			05/31/12 20:44	1
Chloroform	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Dichlorobromomethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Ethylbenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
2-Hexanone	<25		25		ug/Kg			05/31/12 20:44	1
Methylene Chloride	<5.0		5.0		ug/Kg			05/31/12 20:44	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/Kg			05/31/12 20:44	1
2-Butanone (MEK)	<25		25		ug/Kg			05/31/12 20:44	1
o-Xylene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Xylenes, Total	<15		15		ug/Kg			05/31/12 20:44	1
Styrene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Trichloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Toluene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Vinyl chloride	<10		10		ug/Kg			05/31/12 20:44	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
m-Xylene & p-Xylene	<10		10		ug/Kg			05/31/12 20:44	1
Tetrachloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*110*		*30 - 140*		*05/31/12 20:44*	*1*
4-Bromofluorobenzene	*96*		*30 - 126*		*05/31/12 20:44*	*1*
Toluene-d8 (Surr)	*98*		*42 - 130*		*05/31/12 20:44*	*1*

Lab Sample ID: LCS 700-117645/4
Matrix: Solid
Analysis Batch: 117645

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	22.6		ug/Kg		91	38 - 154
1,1,1-Trichloroethane	25.0	25.4		ug/Kg		101	64 - 148
1,1,2-Trichloroethane	25.0	24.7		ug/Kg		99	50 - 143
1,1-Dichloroethane	25.0	32.3		ug/Kg		129	56 - 148
1,1-Dichloroethene	25.0	34.1		ug/Kg		136	48 - 154
1,2-Dichloroethane	25.0	19.3		ug/Kg		77	58 - 147
1,2-Dichlorobenzene	25.0	26.4		ug/Kg		105	64 - 146
1,3-Dichlorobenzene	25.0	25.9		ug/Kg		104	64 - 135
1,4-Dichlorobenzene	25.0	26.5		ug/Kg		106	49 - 139
cis-1,2-Dichloroethene	25.0	23.2		ug/Kg		93	50 - 150

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 700-117645/4
Matrix: Solid
Analysis Batch: 117645

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	24.5		ug/Kg		98	63 - 134
Benzene	25.0	25.8		ug/Kg		103	69 - 137
Bromoform	25.0	22.4		ug/Kg		89	42 - 144
Carbon tetrachloride	25.0	24.2		ug/Kg		97	50 - 150
Chlorobenzene	25.0	28.7		ug/Kg		115	70 - 138
Chlorodibromomethane	25.0	23.9		ug/Kg		96	50 - 137
Chloroform	25.0	32.7		ug/Kg		131	65 - 136
Dichlorobromomethane	25.0	22.4		ug/Kg		89	50 - 150
Ethylbenzene	25.0	26.8		ug/Kg		107	72 - 145
Methylene Chloride	25.0	28.8		ug/Kg		115	58 - 145
o-Xylene	25.0	25.7		ug/Kg		103	50 - 150
Trichloroethene	25.0	28.3		ug/Kg		113	68 - 138
Toluene	25.0	27.0		ug/Kg		108	66 - 141
trans-1,3-Dichloropropene	25.0	21.1		ug/Kg		85	56 - 140
trans-1,2-Dichloroethene	25.0	32.5		ug/Kg		130	61 - 149
cis-1,3-Dichloropropene	25.0	23.4		ug/Kg		93	50 - 150
m-Xylene & p-Xylene	50.0	45.5		ug/Kg		91	50 - 150
Tetrachloroethene	25.0	30.1		ug/Kg		120	61 - 141

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*119*		*30 - 140*
4-Bromofluorobenzene	*99*		*30 - 126*
Toluene-d8 (Surr)	*96*		*42 - 130*

Lab Sample ID: LCSD 700-117645/5
Matrix: Solid
Analysis Batch: 117645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	25.0	21.7		ug/Kg		87	38 - 154	4	28
1,1,1-Trichloroethane	25.0	25.6		ug/Kg		103	64 - 148	1	54
1,1,2-Trichloroethane	25.0	24.0		ug/Kg		96	50 - 143	3	27
1,1-Dichloroethane	25.0	30.7		ug/Kg		123	56 - 148	5	38
1,1-Dichloroethene	25.0	32.2		ug/Kg		129	48 - 154	6	46
1,2-Dichloroethane	25.0	20.4		ug/Kg		81	58 - 147	5	25
1,2-Dichlorobenzene	25.0	24.7		ug/Kg		99	64 - 146	7	28
1,3-Dichlorobenzene	25.0	24.2		ug/Kg		97	64 - 135	7	34
1,4-Dichlorobenzene	25.0	24.6		ug/Kg		98	49 - 139	7	36
cis-1,2-Dichloroethene	25.0	22.9		ug/Kg		91	50 - 150	2	37
1,2-Dichloropropane	25.0	23.9		ug/Kg		96	63 - 134	3	27
Benzene	25.0	25.8		ug/Kg		103	69 - 137	0	42
Bromoform	25.0	22.7		ug/Kg		91	42 - 144	1	24
Carbon tetrachloride	25.0	24.6		ug/Kg		99	50 - 150	2	59
Chlorobenzene	25.0	26.8		ug/Kg		107	70 - 138	7	34
Chlorodibromomethane	25.0	23.4		ug/Kg		94	50 - 137	2	22
Chloroform	25.0	31.4		ug/Kg		126	65 - 136	4	38
Dichlorobromomethane	25.0	22.1		ug/Kg		88	50 - 150	1	33
Ethylbenzene	25.0	24.7		ug/Kg		99	72 - 145	8	44
Methylene Chloride	25.0	23.9		ug/Kg		96	58 - 145	19	32

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 700-117645/5
Matrix: Solid
Analysis Batch: 117645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene			25.0	23.0		ug/Kg		92	50 - 150	11	32
Trichloroethene			25.0	27.3		ug/Kg		109	68 - 138	4	34
Toluene			25.0	25.8		ug/Kg		103	66 - 141	4	32
trans-1,3-Dichloropropene			25.0	21.0		ug/Kg		84	56 - 140	1	50
trans-1,2-Dichloroethene			25.0	30.2		ug/Kg		121	61 - 149	7	56
cis-1,3-Dichloropropene			25.0	22.7		ug/Kg		91	50 - 150	3	30
m-Xylene & p-Xylene			50.0	42.2		ug/Kg		84	50 - 150	8	43
Tetrachloroethene			25.0	28.6		ug/Kg		114	61 - 141	5	44

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane	*113*		*30 - 140*
4-Bromofluorobenzene	*96*		*30 - 126*
Toluene-d8 (Surr)	*97*		*42 - 130*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 700-117478/1-A
Matrix: Water
Analysis Batch: 117525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117478

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
1,2-Dichlorobenzene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
1,3-Dichlorobenzene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
1,4-Dichlorobenzene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
1-Methylnaphthalene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2,4,5-Trichlorophenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2,4,6-Trichlorophenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2,4-Dichlorophenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2,4-Dimethylphenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2,4-Dinitrophenol	<50		50		ug/L		05/30/12 07:05	05/30/12 16:10	5
2,4-Dinitrotoluene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2,6-Dinitrotoluene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2-Chlorophenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2-Methylnaphthalene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2-Methylphenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
2-Nitroaniline	<50		50		ug/L		05/30/12 07:05	05/30/12 16:10	5
2-Nitrophenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
3 & 4 Methylphenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
3,3'-Dichlorobenzidine	<20		20		ug/L		05/30/12 07:05	05/30/12 16:10	5
4,6-Dinitro-2-methylphenol	<50		50		ug/L		05/30/12 07:05	05/30/12 16:10	5
4-Bromophenyl phenyl ether	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
4-Chloro-3-methylphenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
4-Chloroaniline	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
4-Chlorophenyl phenyl ether	<50		50		ug/L		05/30/12 07:05	05/30/12 16:10	5
4-Nitroaniline	<50		50		ug/L		05/30/12 07:05	05/30/12 16:10	5
4-Nitrophenol	<50		50		ug/L		05/30/12 07:05	05/30/12 16:10	5
Acenaphthene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Acenaphthylene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 700-117478/1-A
Matrix: Water
Analysis Batch: 117525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117478

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Benzidine	<80		80		ug/L		05/30/12 07:05	05/30/12 16:10	5
Benzo[a]anthracene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Benzo[a]pyrene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Benzo[b]fluoranthene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Benzo[g,h,i]perylene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Benzo[k]fluoranthene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Bis(2-chloroethoxy)methane	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Bis(2-chloroethyl)ether	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Bis(2-ethylhexyl) phthalate	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Butyl benzyl phthalate	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Chrysene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Di-n-butyl phthalate	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Di-n-octyl phthalate	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Dibenz(a,h)anthracene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Dibenzofuran	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Diethyl phthalate	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Dimethyl phthalate	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Dinoseb	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Fluoranthene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Fluorene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Hexachlorobenzene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Hexachlorobutadiene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Hexachlorocyclopentadiene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Hexachloroethane	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Indeno[1,2,3-cd]pyrene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Isophorone	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
N-Nitrosodi-n-propylamine	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
N-Nitrosodiphenylamine	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Naphthalene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Nitrobenzene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Pentachlorophenol	<50		50		ug/L		05/30/12 07:05	05/30/12 16:10	5
Phenanthrene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Phenol	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Pyrene	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
Carbazole	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5
N-Nitrosodimethylamine	<10		10		ug/L		05/30/12 07:05	05/30/12 16:10	5

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*14 - 130*	*05/30/12 07:05*	*05/30/12 16:10*	*5*
2-Fluorobiphenyl	*76*		*34 - 130*	*05/30/12 07:05*	*05/30/12 16:10*	*5*
2-Fluorophenol (Surr)	*54*		*25 - 130*	*05/30/12 07:05*	*05/30/12 16:10*	*5*
Nitrobenzene-d5 (Surr)	*68*		*34 - 132*	*05/30/12 07:05*	*05/30/12 16:10*	*5*
Phenol-d5 (Surr)	*60*		*21 - 130*	*05/30/12 07:05*	*05/30/12 16:10*	*5*
Terphenyl-d14 (Surr)	*69*		*16 - 158*	*05/30/12 07:05*	*05/30/12 16:10*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 700-117478/2-A
Matrix: Water
Analysis Batch: 117525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117478

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,4-Trichlorobenzene			50.0	30.9		ug/L		62	34 - 130		
1,4-Dichlorobenzene			50.0	31.0		ug/L		62	30 - 130		
1-Methylnaphthalene			20.0	17.0		ug/L		85	30 - 140		
2,4-Dinitrotoluene			50.0	38.9		ug/L		78	36 - 129		
2-Chlorophenol			100	70.0		ug/L		70	45 - 130		
2-Nitrophenol			100	76.6		ug/L		77	38 - 130		
Acenaphthene			70.0	53.4		ug/L		76	34 - 134		
Acenaphthylene			20.0	18.5		ug/L		92	44 - 129		
Anthracene			20.0	18.8		ug/L		94	44 - 126		
Benzo[a]anthracene			20.0	17.1		ug/L		85	39 - 134		
Benzo[a]pyrene			20.0	17.4		ug/L		87	30 - 132		
Benzo[b]fluoranthene			20.0	16.5		ug/L		82	34 - 138		
Benzo[g,h,i]perylene			20.0	17.7		ug/L		89	32 - 133		
Benzo[k]fluoranthene			20.0	13.8		ug/L		69	30 - 147		
Bis(2-chloroethoxy)methane			100	77.1		ug/L		77	36 - 140		
Bis(2-chloroethyl)ether			100	60.2		ug/L		60	22 - 140		
Chrysene			20.0	18.6		ug/L		93	39 - 138		
Dibenz(a,h)anthracene			20.0	17.6		ug/L		88	32 - 134		
Fluoranthene			20.0	18.5		ug/L		93	39 - 139		
Fluorene			20.0	17.4		ug/L		87	41 - 130		
Indeno[1,2,3-cd]pyrene			20.0	18.0		ug/L		90	26 - 140		
N-Nitrosodi-n-propylamine			50.0	37.7		ug/L		75	38 - 130		
Naphthalene			20.0	16.4		ug/L		82	26 - 140		
Pentachlorophenol			100	75.8		ug/L		76	34 - 133		
Phenanthrene			20.0	18.0		ug/L		90	45 - 129		
Phenol			100	55.1		ug/L		55	32 - 130		
Pyrene			70.0	52.6		ug/L		75	32 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*14 - 130*
2-Fluorobiphenyl	*80*		*34 - 130*
2-Fluorophenol (Surr)	*66*		*25 - 130*
Nitrobenzene-d5 (Surr)	*74*		*34 - 132*
Phenol-d5 (Surr)	*65*		*21 - 130*
Terphenyl-d14 (Surr)	*70*		*16 - 158*

Lab Sample ID: LCSD 700-117478/3-A
Matrix: Water
Analysis Batch: 117525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117478

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			50.0	30.4		ug/L		61	34 - 130	2	28
1,4-Dichlorobenzene			50.0	30.7		ug/L		61	30 - 130	1	31
1-Methylnaphthalene			20.0	16.5		ug/L		83	30 - 140	3	50
2,4-Dinitrotoluene			50.0	41.2		ug/L		82	36 - 129	6	32
2-Chlorophenol			100	70.0		ug/L		70	45 - 130	0	34
2-Nitrophenol			100	75.0		ug/L		75	38 - 130	2	24
Acenaphthene			70.0	53.6		ug/L		77	34 - 134	0	35
Acenaphthylene			20.0	18.9		ug/L		95	44 - 129	2	28

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 700-117478/3-A
Matrix: Water
Analysis Batch: 117525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117478

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Anthracene			20.0	18.6		ug/L		93	44 - 126	1	21
Benzo[a]anthracene			20.0	17.3		ug/L		87	39 - 134	1	34
Benzo[a]pyrene			20.0	18.7		ug/L		94	30 - 132	8	24
Benzo[b]fluoranthene			20.0	17.4		ug/L		87	34 - 138	6	32
Benzo[g,h,i]perylene			20.0	21.1		ug/L		105	32 - 133	17	39
Benzo[k]fluoranthene			20.0	14.4		ug/L		72	30 - 147	5	34
Bis(2-chloroethoxy)methane			100	76.0		ug/L		76	36 - 140	1	20
Bis(2-chloroethyl)ether			100	61.2		ug/L		61	22 - 140	2	58
Chrysene			20.0	18.8		ug/L		94	39 - 138	1	31
Dibenz(a,h)anthracene			20.0	20.1		ug/L		101	32 - 134	14	35
Fluoranthene			20.0	18.4		ug/L		92	39 - 139	0	24
Fluorene			20.0	17.9		ug/L		90	41 - 130	3	23
Indeno[1,2,3-cd]pyrene			20.0	21.4		ug/L		107	26 - 140	17	38
N-Nitrosodi-n-propylamine			50.0	36.4		ug/L		73	38 - 130	3	30
Naphthalene			20.0	16.4		ug/L		82	26 - 140	0	33
Pentachlorophenol			100	73.5		ug/L		73	34 - 133	3	33
Phenanthrene			20.0	17.8		ug/L		89	45 - 129	1	20
Phenol			100	57.0		ug/L		57	32 - 130	3	36
Pyrene			70.0	50.6		ug/L		72	32 - 130	4	42

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*14 - 130*
2-Fluorobiphenyl	*80*		*34 - 130*
2-Fluorophenol (Surr)	*66*		*25 - 130*
Nitrobenzene-d5 (Surr)	*73*		*34 - 132*
Phenol-d5 (Surr)	*67*		*21 - 130*
Terphenyl-d14 (Surr)	*69*		*16 - 158*

Lab Sample ID: MB 700-117503/1-A
Matrix: Solid
Analysis Batch: 117525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
1,2-Dichlorobenzene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
1,3-Dichlorobenzene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
1,4-Dichlorobenzene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
1-Methylnaphthalene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2,4,5-Trichlorophenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2,4,6-Trichlorophenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2,4-Dichlorophenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2,4-Dimethylphenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2,4-Dinitrophenol	<1700		1700		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2,4-Dinitrotoluene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2,6-Dinitrotoluene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2-Chlorophenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2-Methylnaphthalene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2-Methylphenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
2-Nitroaniline	<1700		1700		ug/Kg		05/30/12 13:00	05/30/12 18:45	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 700-117503/1-A
Matrix: Solid
Analysis Batch: 117525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
3 & 4 Methylphenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
3,3'-Dichlorobenzidine	<660		660		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
4,6-Dinitro-2-methylphenol	<1700		1700		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
4-Bromophenyl phenyl ether	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
4-Chloro-3-methylphenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
4-Chloroaniline	<660		660		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
4-Chlorophenyl phenyl ether	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
4-Nitroaniline	<1700		1700		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
4-Nitrophenol	<1700		1700		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Acenaphthene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Acenaphthylene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Anthracene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Benzidine	<2700		2700		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Benzo[a]anthracene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Benzo[a]pyrene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Benzo[b]fluoranthene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Benzo[g,h,i]perylene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Benzo[k]fluoranthene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Bis(2-chloroethoxy)methane	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Bis(2-chloroethyl)ether	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Bis(2-ethylhexyl) phthalate	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Butyl benzyl phthalate	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Chrysene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Di-n-butyl phthalate	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Di-n-octyl phthalate	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Dibenz(a,h)anthracene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Dibenzofuran	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Diethyl phthalate	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Dimethyl phthalate	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Dinoseb	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Fluoranthene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Fluorene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Hexachlorobenzene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Hexachlorobutadiene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Hexachlorocyclopentadiene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Hexachloroethane	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Indeno[1,2,3-cd]pyrene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Isophorone	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
N-Nitrosodi-n-propylamine	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
N-Nitrosodiphenylamine	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Naphthalene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Nitrobenzene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Pentachlorophenol	<1700		1700		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Phenanthrene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Phenol	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Pyrene	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
Carbazole	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5
N-Nitrosodimethylamine	<330		330		ug/Kg		05/30/12 13:00	05/30/12 18:45	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 700-117503/1-A
Matrix: Solid
Analysis Batch: 117525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117503

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*51*		*5.0 - 130*	*05/30/12 13:00*	*05/30/12 18:45*	*5*
2-Fluorobiphenyl	*58*		*31 - 130*	*05/30/12 13:00*	*05/30/12 18:45*	*5*
2-Fluorophenol (Surr)	*47*		*10 - 128*	*05/30/12 13:00*	*05/30/12 18:45*	*5*
Nitrobenzene-d5 (Surr)	*45*		*35 - 130*	*05/30/12 13:00*	*05/30/12 18:45*	*5*
Phenol-d5 (Surr)	*52*		*29 - 130*	*05/30/12 13:00*	*05/30/12 18:45*	*5*
Terphenyl-d14 (Surr)	*67*		*37 - 149*	*05/30/12 13:00*	*05/30/12 18:45*	*5*

Lab Sample ID: LCS 700-117503/2-A
Matrix: Solid
Analysis Batch: 117525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1670	895		ug/Kg		54	34 - 130
1,4-Dichlorobenzene	1670	860		ug/Kg		52	30 - 130
1-Methylnaphthalene	667	464		ug/Kg		70	30 - 140
2,4-Dinitrotoluene	1670	1180		ug/Kg		71	26 - 130
2-Chlorophenol	3330	1840		ug/Kg		55	36 - 130
2-Nitrophenol	3340	1820		ug/Kg		55	38 - 130
Acenaphthene	2330	1540		ug/Kg		66	34 - 134
Acenaphthylene	667	526		ug/Kg		79	44 - 140
Anthracene	667	577		ug/Kg		87	44 - 126
Benzo[a]anthracene	667	532		ug/Kg		80	39 - 134
Benzo[a]pyrene	667	583		ug/Kg		87	30 - 132
Benzo[b]fluoranthene	667	538		ug/Kg		81	34 - 138
Benzo[g,h,i]perylene	667	648		ug/Kg		97	32 - 133
Benzo[k]fluoranthene	667	441		ug/Kg		66	30 - 147
Bis(2-chloroethoxy)methane	3340	1930		ug/Kg		58	43 - 130
Bis(2-chloroethyl)ether	3340	1480		ug/Kg		44	33 - 130
Chrysene	667	591		ug/Kg		89	39 - 138
Dibenz(a,h)anthracene	667	615		ug/Kg		92	32 - 134
Fluoranthene	667	582		ug/Kg		87	39 - 139
Fluorene	667	522		ug/Kg		78	41 - 130
Indeno[1,2,3-cd]pyrene	667	644		ug/Kg		97	26 - 140
N-Nitrosodi-n-propylamine	1670	924		ug/Kg		55	28 - 130
Naphthalene	667	422		ug/Kg		63	26 - 140
Pentachlorophenol	3330	2170		ug/Kg		65	34 - 133
Phenanthrene	667	553		ug/Kg		83	45 - 129
Phenol	3330	1730		ug/Kg		52	32 - 130
Pyrene	2330	1550		ug/Kg		66	32 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*77*		*5.0 - 130*
2-Fluorobiphenyl	*64*		*31 - 130*
2-Fluorophenol (Surr)	*55*		*10 - 128*
Nitrobenzene-d5 (Surr)	*53*		*35 - 130*
Phenol-d5 (Surr)	*61*		*29 - 130*
Terphenyl-d14 (Surr)	*65*		*37 - 149*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 700-117503/3-A
Matrix: Solid
Analysis Batch: 117525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117503

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	1670	850		ug/Kg		51	34 - 130	5	22
1,4-Dichlorobenzene	1670	814		ug/Kg		49	30 - 130	5	31
1-Methylnaphthalene	667	456		ug/Kg		68	30 - 140	2	50
2,4-Dinitrotoluene	1670	1190		ug/Kg		71	26 - 130	1	37
2-Chlorophenol	3330	1750		ug/Kg		52	36 - 130	5	38
2-Nitrophenol	3340	1810		ug/Kg		54	38 - 130	1	50
Acenaphthene	2330	1570		ug/Kg		67	34 - 134	2	49
Acenaphthylene	667	533		ug/Kg		80	44 - 140	1	48
Anthracene	667	607		ug/Kg		91	44 - 126	5	27
Benzo[a]anthracene	667	572		ug/Kg		86	39 - 134	7	43
Benzo[a]pyrene	667	591		ug/Kg		89	30 - 132	1	55
Benzo[b]fluoranthene	667	561		ug/Kg		84	34 - 138	4	51
Benzo[g,h,i]perylene	667	606		ug/Kg		91	32 - 133	7	50
Benzo[k]fluoranthene	667	466		ug/Kg		70	30 - 147	6	48
Bis(2-chloroethoxy)methane	3340	1920		ug/Kg		58	43 - 130	0	52
Bis(2-chloroethyl)ether	3340	1420		ug/Kg		43	33 - 130	4	50
Chrysene	667	629		ug/Kg		94	39 - 138	6	41
Dibenz(a,h)anthracene	667	572		ug/Kg		86	32 - 134	7	50
Fluoranthene	667	608		ug/Kg		91	39 - 139	4	50
Fluorene	667	545		ug/Kg		82	41 - 130	4	50
Indeno[1,2,3-cd]pyrene	667	620		ug/Kg		93	26 - 140	4	50
N-Nitrosodi-n-propylamine	1670	927		ug/Kg		56	28 - 130	0	37
Naphthalene	667	415		ug/Kg		62	26 - 140	2	34
Pentachlorophenol	3330	2180		ug/Kg		65	34 - 133	0	55
Phenanthrene	667	571		ug/Kg		86	45 - 129	3	30
Phenol	3330	1690		ug/Kg		51	32 - 130	3	39
Pyrene	2330	1640		ug/Kg		70	32 - 130	6	42

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*5.0 - 130*
2-Fluorobiphenyl	*62*		*31 - 130*
2-Fluorophenol (Surr)	*53*		*10 - 128*
Nitrobenzene-d5 (Surr)	*52*		*35 - 130*
Phenol-d5 (Surr)	*61*		*29 - 130*
Terphenyl-d14 (Surr)	*69*		*37 - 149*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 700-117476/1-A
Matrix: Water
Analysis Batch: 117560

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.0		1.0		ug/L		05/29/12 19:30	05/30/12 09:20	5
PCB-1221	<2.0		2.0		ug/L		05/29/12 19:30	05/30/12 09:20	5
PCB-1232	<1.0		1.0		ug/L		05/29/12 19:30	05/30/12 09:20	5
PCB-1242	<1.0		1.0		ug/L		05/29/12 19:30	05/30/12 09:20	5
PCB-1248	<1.0		1.0		ug/L		05/29/12 19:30	05/30/12 09:20	5

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 700-117476/1-A
Matrix: Water
Analysis Batch: 117560

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	<1.0		1.0		ug/L		05/29/12 19:30	05/30/12 09:20	5
PCB-1260	<1.0		1.0		ug/L		05/29/12 19:30	05/30/12 09:20	5

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*38*		*30 - 150*	*05/29/12 19:30*	*05/30/12 09:20*	*5*
Tetrachloro-m-xylene	*89*		*30 - 150*	*05/29/12 19:30*	*05/30/12 09:20*	*5*

Lab Sample ID: LCS 700-117476/2-A
Matrix: Water
Analysis Batch: 117560

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117476

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			10.0	9.95		ug/L		100	45 - 134		
PCB-1260			10.0	8.79		ug/L		88	41 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*50*		*30 - 150*
Tetrachloro-m-xylene	*91*		*30 - 150*

Lab Sample ID: LCSD 700-117476/3-A
Matrix: Water
Analysis Batch: 117560

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117476

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			10.0	10.1		ug/L		101	45 - 134	1	34
PCB-1260			10.0	9.18		ug/L		92	41 - 144	4	34

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*52*		*30 - 150*
Tetrachloro-m-xylene	*92*		*30 - 150*

Lab Sample ID: 700-67982-19 MS
Matrix: Water
Analysis Batch: 117560

Client Sample ID: TW-3
Prep Type: Total/NA
Prep Batch: 117476

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	<0.95		20.0	21.0		ug/L		105	45 - 134		
PCB-1260	<0.95		20.0	16.1		ug/L		80	41 - 144		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*29*	*X*	*30 - 150*
Tetrachloro-m-xylene	*99*		*30 - 150*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 700-67982-19 MSD
Matrix: Water
Analysis Batch: 117560

Client Sample ID: TW-3
Prep Type: Total/NA
Prep Batch: 117476

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	<0.95		20.0	21.1		ug/L		105	45 - 134	1	34
PCB-1260	<0.95		20.0	16.3		ug/L		81	41 - 144	1	34

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*32*		*30 - 150*
Tetrachloro-m-xylene	*102*		*30 - 150*

Lab Sample ID: MB 700-117477/1-A
Matrix: Solid
Analysis Batch: 117623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<33		33		ug/Kg		05/30/12 09:00	05/30/12 15:04	5
PCB-1221	<67		67		ug/Kg		05/30/12 09:00	05/30/12 15:04	5
PCB-1232	<33		33		ug/Kg		05/30/12 09:00	05/30/12 15:04	5
PCB-1242	<33		33		ug/Kg		05/30/12 09:00	05/30/12 15:04	5
PCB-1248	<33		33		ug/Kg		05/30/12 09:00	05/30/12 15:04	5
PCB-1254	<33		33		ug/Kg		05/30/12 09:00	05/30/12 15:04	5
PCB-1260	<33		33		ug/Kg		05/30/12 09:00	05/30/12 15:04	5

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*30 - 150*	*05/30/12 09:00*	*05/30/12 15:04*	*5*
Tetrachloro-m-xylene	*59*		*30 - 150*	*05/30/12 09:00*	*05/30/12 15:04*	*5*

Lab Sample ID: LCS 700-117477/2-A
Matrix: Solid
Analysis Batch: 117623

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117477

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			333	255		ug/Kg		77	33 - 130		
PCB-1260			333	273		ug/Kg		82	39 - 134		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*30 - 150*
Tetrachloro-m-xylene	*64*		*30 - 150*

Lab Sample ID: LCSD 700-117477/3-A
Matrix: Solid
Analysis Batch: 117623

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117477

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			333	221		ug/Kg		66	33 - 130	14	44
PCB-1260			333	259		ug/Kg		78	39 - 134	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*68*		*30 - 150*
Tetrachloro-m-xylene	*51*		*30 - 150*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 700-67982-15 MS
Matrix: Solid
Analysis Batch: 117623

Client Sample ID: B-8 (0'-3')
Prep Type: Total/NA
Prep Batch: 117477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	<35		354	312		ug/Kg	☼	88	33 - 130
PCB-1260	<35		354	257		ug/Kg	☼	73	39 - 134

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*30 - 150*
Tetrachloro-m-xylene	*63*		*30 - 150*

Lab Sample ID: 700-67982-15 MSD
Matrix: Solid
Analysis Batch: 117623

Client Sample ID: B-8 (0'-3')
Prep Type: Total/NA
Prep Batch: 117477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	<35		354	267		ug/Kg	☼	75	33 - 130	16	44
PCB-1260	<35		354	228		ug/Kg	☼	64	39 - 134	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*52*		*30 - 150*
Tetrachloro-m-xylene	*58*		*30 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 700-117489/1-A
Matrix: Solid
Analysis Batch: 117518

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Arsenic	<1.5		1.5		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Beryllium	<0.40		0.40		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Cadmium	<0.50		0.50		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Chromium	<1.0		1.0		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Copper	<2.0		2.0		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Lead	<0.75		0.75		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Nickel	<4.0		4.0		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Selenium	<1.5		1.5		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Silver	<1.0		1.0		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Thallium	<1.5		1.5		mg/Kg		05/30/12 10:10	05/30/12 18:06	1
Zinc	<2.0		2.0		mg/Kg		05/30/12 10:10	05/30/12 18:06	1

Lab Sample ID: LCS 700-117489/2-A
Matrix: Solid
Analysis Batch: 117518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	96.7		mg/Kg		97	80 - 120
Arsenic	100	100		mg/Kg		100	80 - 120
Beryllium	100	108		mg/Kg		108	80 - 120
Cadmium	100	107		mg/Kg		107	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 700-117489/2-A
Matrix: Solid
Analysis Batch: 117518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	100	111		mg/Kg		111	80 - 120
Copper	100	110		mg/Kg		110	80 - 120
Lead	100	102		mg/Kg		102	80 - 120
Nickel	100	103		mg/Kg		103	80 - 120
Selenium	100	96.4		mg/Kg		96	80 - 120
Silver	100	94.1		mg/Kg		94	80 - 120
Thallium	100	95.9		mg/Kg		96	80 - 120
Zinc	100	105		mg/Kg		105	80 - 120

Lab Sample ID: LCSD 700-117489/3-A
Matrix: Solid
Analysis Batch: 117518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117489

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	100	89.6		mg/Kg		90	80 - 120	8	20
Arsenic	100	98.9		mg/Kg		99	80 - 120	1	20
Beryllium	100	107		mg/Kg		107	80 - 120	1	20
Cadmium	100	106		mg/Kg		106	80 - 120	2	20
Chromium	100	110		mg/Kg		110	80 - 120	1	20
Copper	100	109		mg/Kg		109	80 - 120	1	20
Lead	100	100		mg/Kg		100	80 - 120	1	20
Nickel	100	102		mg/Kg		102	80 - 120	1	20
Selenium	100	95.4		mg/Kg		95	80 - 120	1	20
Silver	100	92.7		mg/Kg		93	80 - 120	1	20
Zinc	100	104		mg/Kg		104	80 - 120	1	20

Lab Sample ID: 700-67982-1 MS
Matrix: Solid
Analysis Batch: 117518

Client Sample ID: B-1 (0'-3')
Prep Type: Total/NA
Prep Batch: 117489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	11		75.8	83.5		mg/Kg	☼	95	75 - 125
Beryllium	<0.39		75.8	80.7		mg/Kg	☼	106	75 - 125
Cadmium	1.5		75.8	81.1		mg/Kg	☼	105	75 - 125
Chromium	14		75.8	92.5		mg/Kg	☼	104	75 - 125
Lead	220		75.8	281		mg/Kg	☼	79	75 - 125
Nickel	8.7		75.8	81.7		mg/Kg	☼	96	75 - 125
Selenium	<1.4		75.8	71.0		mg/Kg	☼	94	75 - 125
Silver	<0.97		75.8	69.1		mg/Kg	☼	91	75 - 125
Zinc	850		75.8	601	4	mg/Kg	☼	-326	75 - 125

Lab Sample ID: 700-67982-1 MSD
Matrix: Solid
Analysis Batch: 117518

Client Sample ID: B-1 (0'-3')
Prep Type: Total/NA
Prep Batch: 117489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	11		76.8	86.3		mg/Kg	☼	98	75 - 125	3	20
Beryllium	<0.39		76.8	80.8		mg/Kg	☼	105	75 - 125	0	20
Cadmium	1.5		76.8	81.5		mg/Kg	☼	104	75 - 125	0	20
Chromium	14		76.8	95.7		mg/Kg	☼	107	75 - 125	3	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 700-67982-1 MSD
Matrix: Solid
Analysis Batch: 117518

Client Sample ID: B-1 (0'-3')
Prep Type: Total/NA
Prep Batch: 117489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	220		76.8	470	F	mg/Kg	☼	325	75 - 125	50	20
Nickel	8.7		76.8	84.5		mg/Kg	☼	99	75 - 125	3	20
Selenium	<1.4		76.8	71.0		mg/Kg	☼	92	75 - 125	0	20
Silver	<0.97		76.8	69.2		mg/Kg	☼	90	75 - 125	0	20
Zinc	850		76.8	937	4	mg/Kg	☼	116	75 - 125	44	20

Lab Sample ID: MB 700-117455/1-A
Matrix: Water
Analysis Batch: 117518

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 117455

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.020		0.020		mg/L		05/30/12 09:25	05/30/12 13:47	1
Arsenic	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:47	1
Beryllium	<0.0040		0.0040		mg/L		05/30/12 09:25	05/30/12 13:47	1
Cadmium	<0.0050		0.0050		mg/L		05/30/12 09:25	05/30/12 13:47	1
Chromium	<0.010		0.010		mg/L		05/30/12 09:25	05/30/12 13:47	1
Copper	<0.020		0.020		mg/L		05/30/12 09:25	05/30/12 13:47	1
Lead	<0.0075		0.0075		mg/L		05/30/12 09:25	05/30/12 13:47	1
Nickel	<0.040		0.040		mg/L		05/30/12 09:25	05/30/12 13:47	1
Selenium	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:47	1
Silver	<0.010		0.010		mg/L		05/30/12 09:25	05/30/12 13:47	1
Thallium	<0.015		0.015		mg/L		05/30/12 09:25	05/30/12 13:47	1
Zinc	<0.020		0.020		mg/L		05/30/12 09:25	05/30/12 13:47	1

Lab Sample ID: LCS 700-117455/2-A
Matrix: Water
Analysis Batch: 117518

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 117455

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	1.02		mg/L		102	80 - 120
Arsenic	1.00	1.03		mg/L		103	80 - 120
Beryllium	1.00	1.08		mg/L		108	80 - 120
Cadmium	1.00	1.08		mg/L		108	80 - 120
Chromium	1.00	1.08		mg/L		108	80 - 120
Copper	1.00	1.08		mg/L		108	80 - 120
Lead	1.00	1.03		mg/L		103	80 - 120
Nickel	1.00	1.04		mg/L		104	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	1.00	0.977		mg/L		98	80 - 120
Thallium	1.00	0.991		mg/L		99	80 - 120
Zinc	1.00	1.07		mg/L		107	80 - 120

Lab Sample ID: LCSD 700-117455/3-A
Matrix: Water
Analysis Batch: 117518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 117455

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	1.00	1.01		mg/L		101	80 - 120	0	20
Arsenic	1.00	1.03		mg/L		103	80 - 120	1	20
Beryllium	1.00	1.08		mg/L		108	80 - 120	0	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSD 700-117455/3-A
Matrix: Water
Analysis Batch: 117518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 117455

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium			1.00	1.08		mg/L		108	80 - 120	0	20
Chromium			1.00	1.08		mg/L		108	80 - 120	0	20
Copper			1.00	1.08		mg/L		108	80 - 120	0	20
Lead			1.00	1.03		mg/L		103	80 - 120	0	20
Nickel			1.00	1.03		mg/L		103	80 - 120	0	20
Selenium			1.00	1.03		mg/L		103	80 - 120	0	20
Silver			1.00	0.979		mg/L		98	80 - 120	0	20
Thallium			1.00	0.994		mg/L		99	80 - 120	0	20
Zinc			1.00	1.07		mg/L		107	80 - 120	0	20

Method: 6010C - Metals (ICP) - RA

Lab Sample ID: MB 700-117489/1-A
Matrix: Solid
Analysis Batch: 117585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony - RA	<2.0		2.0		mg/Kg		05/30/12 10:10	05/31/12 12:20	1
Arsenic - RA	<1.5		1.5		mg/Kg		05/30/12 10:10	05/31/12 12:20	1
Beryllium - RA	<0.40		0.40		mg/Kg		05/30/12 10:10	05/31/12 12:20	1
Lead - RA	<0.75		0.75		mg/Kg		05/30/12 10:10	05/31/12 12:20	1
Thallium - RA	<1.5		1.5		mg/Kg		05/30/12 10:10	05/31/12 12:20	1

Lab Sample ID: LCS 700-117489/2-A
Matrix: Solid
Analysis Batch: 117585

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117489

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony - RA			100	98.0		mg/Kg		98	80 - 120
Arsenic - RA			100	101		mg/Kg		101	80 - 120
Beryllium - RA			100	99.0		mg/Kg		99	80 - 120
Lead - RA			100	101		mg/Kg		101	80 - 120
Thallium - RA			100	102		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 700-117489/3-A
Matrix: Solid
Analysis Batch: 117585

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117489

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony - RA			100	98.1		mg/Kg		98	80 - 120	0	20
Arsenic - RA			100	101		mg/Kg		101	80 - 120	0	20
Beryllium - RA			100	98.8		mg/Kg		99	80 - 120	0	20
Lead - RA			100	101		mg/Kg		101	80 - 120	0	20
Thallium - RA			100	102		mg/Kg		102	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 700-117491/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117561 — **Prep Batch: 117491**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/30/12 13:00	05/31/12 12:15	1

Lab Sample ID: LCS 700-117491/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117561 — **Prep Batch: 117491**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	4.00	3.89		ug/L		97	80 - 120

Lab Sample ID: LCSD 700-117491/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117561 — **Prep Batch: 117491**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	4.00	3.88		ug/L		97	80 - 120	0	20

Lab Sample ID: 700-67982-17 MS — **Client Sample ID: TW-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117561 — **Prep Batch: 117491**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.79		4.00	4.97		ug/L		105	80 - 120

Lab Sample ID: 700-67982-17 MSD — **Client Sample ID: TW-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117561 — **Prep Batch: 117491**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.79		4.00	4.72		ug/L		98	80 - 120	5	20

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Lab Sample ID: MB 700-117483/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117561 — **Prep Batch: 117483**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.014		0.014		mg/Kg		05/30/12 10:35	05/30/12 22:59	1

Lab Sample ID: LCS 700-117483/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117561 — **Prep Batch: 117483**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.267	0.235		mg/Kg		88	80 - 120

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique) (Continued)

Lab Sample ID: LCSD 700-117483/3-A
Matrix: Solid
Analysis Batch: 117561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.267	0.220		mg/Kg		82	80 - 120	7	20

Lab Sample ID: 700-67982-1 MS
Matrix: Solid
Analysis Batch: 117561

Client Sample ID: B-1 (0'-3')
Prep Type: Total/NA
Prep Batch: 117483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.42		0.300	0.833	F	mg/Kg	☼	138	80 - 120		

Lab Sample ID: 700-67982-1 MSD
Matrix: Solid
Analysis Batch: 117561

Client Sample ID: B-1 (0'-3')
Prep Type: Total/NA
Prep Batch: 117483

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.42		0.295	0.862	F	mg/Kg	☼	150	80 - 120	3	20

Client Sample ID: B-1 (0'-3')

Lab Sample ID: 700-67982-1

Date Collected: 05/29/12 10:10

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	06/01/12 00:56	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 19:47	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 16:38	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 18:24	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:05	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-1 (3'-11')

Lab Sample ID: 700-67982-2

Date Collected: 05/29/12 10:18

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 53.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	05/31/12 22:19	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 20:18	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 17:09	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 18:41	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:15	CL	TAL MOB
Total/NA	Prep	3050B	RA		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RA	1	117585	05/31/12 12:29	ZST	TAL MOB
Total/NA	Prep	3050B	RADL		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RADL	5	117585	05/31/12 12:32	ZST	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-2 (0'-3')

Lab Sample ID: 700-67982-3

Date Collected: 05/29/12 10:53

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	05/31/12 22:50	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 20:49	ES	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 17:06	LNP	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 17:40	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 18:44	ZST	TAL MOB

Client Sample ID: B-2 (0'-3')

Lab Sample ID: 700-67982-3

Date Collected: 05/29/12 10:53

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:17	CL	TAL MOB
Total/NA	Prep	3050B	RA		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RA	1	117585	05/31/12 12:36	ZST	TAL MOB
Total/NA	Prep	3050B	RADL		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RADL	5	117602	05/31/12 18:23	JAW	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-2 (3'-4.5')

Lab Sample ID: 700-67982-4

Date Collected: 05/29/12 11:03

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 74.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	05/31/12 23:22	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 21:20	ES	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 17:34	LNP	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 18:11	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 18:48	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:19	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-3 (0'-3')

Lab Sample ID: 700-67982-5

Date Collected: 05/29/12 11:38

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117500	05/29/12 22:01	KBV	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 21:51	ES	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 18:02	LNP	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 18:43	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 18:51	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:21	CL	TAL MOB
Total/NA	Prep	3050B	RA		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RA	1	117585	05/31/12 12:39	ZST	TAL MOB
Total/NA	Prep	3050B	RADL		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RADL	5	117585	05/31/12 12:42	ZST	TAL MOB

Lab Chronicle

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-3 (0'-3')

Lab Sample ID: 700-67982-5

Date Collected: 05/29/12 11:38
Matrix: Solid
Date Received: 05/29/12 16:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-3 (3'-5.5')

Lab Sample ID: 700-67982-6

Date Collected: 05/29/12 11:55
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 74.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117614	05/30/12 20:49	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 22:23	ES	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 18:31	LNP	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 19:14	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 18:54	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:23	CL	TAL MOB
Total/NA	Prep	3050B	RA		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RA	1	117585	05/31/12 12:45	ZST	TAL MOB
Total/NA	Prep	3050B	RADL		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RADL	5	117585	05/31/12 12:49	ZST	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-4 (0'-3')

Lab Sample ID: 700-67982-7

Date Collected: 05/29/12 13:37
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117500	05/29/12 23:05	KBV	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 22:54	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		10	117632	06/01/12 02:14	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:07	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:25	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-4 (3'-6')

Lab Sample ID: 700-67982-8

Date Collected: 05/29/12 13:43
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117614	05/30/12 21:21	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 23:25	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 20:16	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:11	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:27	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-5 (0'-3')

Lab Sample ID: 700-67982-9

Date Collected: 05/29/12 13:58
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	05/31/12 21:15	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 23:56	ES	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 18:59	LNP	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		25	117631	05/31/12 11:08	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:14	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:29	CL	TAL MOB
Total/NA	Prep	3050B	RA		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RA	1	117585	05/31/12 13:02	ZST	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-5 (3'-6')

Lab Sample ID: 700-67982-10

Date Collected: 05/29/12 14:06
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	05/31/12 21:47	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/31/12 00:27	ES	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 19:27	LNP	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 21:19	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:17	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB

Client Sample ID: B-5 (3'-6')

Lab Sample ID: 700-67982-10

Date Collected: 05/29/12 14:06
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		20	117561	05/31/12 13:50	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-6 (0'-3')

Lab Sample ID: 700-67982-11

Date Collected: 05/29/12 14:25
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117614	05/30/12 22:56	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117552	05/31/12 01:41	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 21:50	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:21	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:38	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-6 (3'-6')

Lab Sample ID: 700-67982-12

Date Collected: 05/29/12 14:32
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117500	05/30/12 01:43	KBV	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117552	05/31/12 02:09	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 22:21	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:24	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:39	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-7 (0'-3')

Lab Sample ID: 700-67982-13

Date Collected: 05/29/12 14:53
Matrix: Solid
Date Received: 05/29/12 16:12
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117614	05/30/12 23:28	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117552	05/31/12 02:38	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB

Client Sample ID: B-7 (0'-3')

Lab Sample ID: 700-67982-13

Date Collected: 05/29/12 14:53

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 22:53	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:28	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:41	CL	TAL MOB
Total/NA	Prep	3050B	RADL		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RADL	5	117585	05/31/12 13:05	ZST	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-7 (3'-6')

Lab Sample ID: 700-67982-14

Date Collected: 05/29/12 15:00

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117614	05/30/12 23:59	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117552	05/31/12 03:07	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 23:24	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:31	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:43	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: B-8 (0'-3')

Lab Sample ID: 700-67982-15

Date Collected: 05/29/12 15:20

Matrix: Solid

Date Received: 05/29/12 16:12

Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	06/01/12 00:25	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117552	05/31/12 03:35	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/30/12 23:55	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:34	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:45	CL	TAL MOB
Total/NA	Prep	3050B	RADL		117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C	RADL	5	117585	05/31/12 13:08	ZST	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Lab Chronicle

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: B-8 (3'-6')

Lab Sample ID: 700-67982-16

Date Collected: 05/29/12 15:28
Date Received: 05/29/12 16:12

Matrix: Solid
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	05/31/12 23:53	JH	TAL MOB
Total/NA	Prep	3550C			117503	05/30/12 13:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117552	05/31/12 04:04	ES	TAL MOB
Total/NA	Prep	3550C			117477	05/30/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117623	05/31/12 00:26	LT	TAL MOB
Total/NA	Prep	3050B			117489	05/30/12 10:10	MC	TAL MOB
Total/NA	Analysis	6010C		1	117518	05/30/12 19:38	ZST	TAL MOB
Total/NA	Prep	7471B			117483	05/30/12 10:35	CL	TAL MOB
Total/NA	Analysis	7471B		1	117561	05/30/12 23:47	CL	TAL MOB
Total/NA	Analysis	Moisture		1	117498	05/30/12 11:02	TKN	TAL MOB

Client Sample ID: TW-1

Lab Sample ID: 700-67982-17

Date Collected: 05/29/12 14:10
Date Received: 05/29/12 16:12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117535	05/30/12 07:06	KBV	TAL MOB
Total/NA	Prep	3520C			117478	05/30/12 07:05	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 14:37	ES	TAL MOB
Total/NA	Prep	3520C			117476	05/29/12 19:30	TV	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117560	05/30/12 10:54	LT	TAL MOB
Total Recoverable	Prep	3005A			117455	05/30/12 09:25	MC	TAL MOB
Total Recoverable	Analysis	6010C		1	117518	05/30/12 13:56	ZST	TAL MOB
Total/NA	Prep	7470A			117491	05/30/12 13:00	DS	TAL MOB
Total/NA	Analysis	7470A		1	117561	05/31/12 12:21	CL	TAL MOB

Client Sample ID: TW-2

Lab Sample ID: 700-67982-18

Date Collected: 05/29/12 14:50
Date Received: 05/29/12 16:12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117535	05/30/12 07:34	KBV	TAL MOB
Total/NA	Prep	3520C			117478	05/30/12 07:05	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 15:08	ES	TAL MOB
Total/NA	Prep	3520C			117476	05/29/12 19:30	TV	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117560	05/30/12 11:25	LT	TAL MOB
Total Recoverable	Prep	3005A			117455	05/30/12 09:25	MC	TAL MOB
Total Recoverable	Analysis	6010C		1	117518	05/30/12 13:59	ZST	TAL MOB
Total/NA	Prep	7470A			117491	05/30/12 13:00	DS	TAL MOB
Total/NA	Analysis	7470A		1	117561	05/31/12 12:27	CL	TAL MOB

Lab Chronicle

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Client Sample ID: TW-3

Lab Sample ID: 700-67982-19

Date Collected: 05/29/12 15:40

Matrix: Water

Date Received: 05/29/12 16:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117535	05/30/12 08:02	KBV	TAL MOB
Total/NA	Prep	3520C			117478	05/30/12 07:05	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117525	05/30/12 15:39	ES	TAL MOB
Total/NA	Prep	3520C			117476	05/29/12 19:30	TV	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117560	05/30/12 11:56	LT	TAL MOB
Total Recoverable	Prep	3005A			117455	05/30/12 09:25	MC	TAL MOB
Total Recoverable	Analysis	6010C		1	117518	05/30/12 14:03	ZST	TAL MOB
Total/NA	Prep	7470A			117491	05/30/12 13:00	DS	TAL MOB
Total/NA	Analysis	7470A		1	117561	05/31/12 12:30	CL	TAL MOB

Laboratory References:

TAL MOB = TestAmerica Mobile, 900 Lakeside Drive, Mobile, AL 36693, TEL (251)666-6633

Method Summary

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL MOB
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL MOB
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL MOB
6010C	Metals (ICP)	SW846	TAL MOB
7470A	Mercury (CVAA)	SW846	TAL MOB
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL MOB
Moisture	Percent Moisture	EPA	TAL MOB

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL MOB = TestAmerica Mobile, 900 Lakeside Drive, Mobile, AL 36693, TEL (251)666-6633

Sample Summary

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-67982-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
700-67982-1	B-1 (0'-3')	Solid	05/29/12 10:10	05/29/12 16:12
700-67982-2	B-1 (3'-11')	Solid	05/29/12 10:18	05/29/12 16:12
700-67982-3	B-2 (0'-3')	Solid	05/29/12 10:53	05/29/12 16:12
700-67982-4	B-2 (3'-4.5')	Solid	05/29/12 11:03	05/29/12 16:12
700-67982-5	B-3 (0'-3')	Solid	05/29/12 11:38	05/29/12 16:12
700-67982-6	B-3 (3'-5.5')	Solid	05/29/12 11:55	05/29/12 16:12
700-67982-7	B-4 (0'-3')	Solid	05/29/12 13:37	05/29/12 16:12
700-67982-8	B-4 (3'-6')	Solid	05/29/12 13:43	05/29/12 16:12
700-67982-9	B-5 (0'-3')	Solid	05/29/12 13:58	05/29/12 16:12
700-67982-10	B-5 (3'-6')	Solid	05/29/12 14:06	05/29/12 16:12
700-67982-11	B-6 (0'-3')	Solid	05/29/12 14:25	05/29/12 16:12
700-67982-12	B-6 (3'-6')	Solid	05/29/12 14:32	05/29/12 16:12
700-67982-13	B-7 (0'-3')	Solid	05/29/12 14:53	05/29/12 16:12
700-67982-14	B-7 (3'-6')	Solid	05/29/12 15:00	05/29/12 16:12
700-67982-15	B-8 (0'-3')	Solid	05/29/12 15:20	05/29/12 16:12
700-67982-16	B-8 (3'-6')	Solid	05/29/12 15:28	05/29/12 16:12
700-67982-17	TW-1	Water	05/29/12 14:10	05/29/12 16:12
700-67982-18	TW-2	Water	05/29/12 14:50	05/29/12 16:12
700-67982-19	TW-3	Water	05/29/12 15:40	05/29/12 16:12

TestAmerica Mobile
900 Lakeside Drive
Mobile, AL 36693
Phone (251) 666-6633 Fax (251) 666-6696

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6/1/2012

Client Information
Client Contact: Mr. Bill Parrish
Company: Thompson Engineering Inc
Address: 2970 Cottage Hill Rd. Suite 190
City: Mobile
State, Zip: AL, 36606
Phone: 251-706-6510(Tel)
Email: bparrish@thompsonengineering.com
Project Name: ALDOT
Site: Bender Shipbuilding

Sampler: Bill Parrish
Phone: (251) 372-7967
Lab PM: Nance, Mike
E-Mail: mike.nance@testamericainc.com
Carrier Tracking No(s):
COC No: 700-27192-5215.1
Page: Page 1 of 3
Job #: 12-2116-0039

Due Date Requested: 72 hours
TAT Requested (days): 3 days
PO #: Purchase Order not required
WO #: 10-4025-0003
Project #: 70005757
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - Priority Pollutant Metals by 6010C (ICP)	7471B - Hg	8260C - Target Compound List	8270D - Target Compound List	8081B_8082A - PCBs only	8260C - Target Compound List	6010C - Priority Pollutant Metals by 6010C (ICP)	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	A	D	D		
B-1 0'-3'	5/29/12	10:10	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-1 3'-11'	5/29/12	10:18	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-2 0'-3'	5/29/12	1053	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-2 3'-4.5'	5/29/12	1103	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-3 0'-3'	5/29/12	1138	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-3 3'-5.5'	5/29/12	1155	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-4 0'-3'	5/29/12	1337	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-4 3'-6'	5/29/12	1343	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-5 0'-3'	5/29/12	1358	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-5 3'-6'	5/29/12	1406	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-6 0'-3'	5/29/12	1425	C	Solid	N	N	✓	✓	✓	✓	✓				3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)
Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	5/29/12 4:12		Received by:	5/29/12 1612	
Relinquished by:	5/29/12 1612		Received by:	5/29/12 16 12	
Relinquished by:			Received by:		

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.: 700-67582
Cooler Temperature(s) °C and Other Remarks: 3.6°C 4.2°C #5509

TestAmerica Mobile
900 Lakeside Drive
Mobile, AL 36693
Phone (251) 666-6633 Fax (251) 666-6696

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6/1/2012

Client Information
Client Contact: Mr. Bill Parrish
Company: Thompson Engineering Inc
Address: 2970 Cottage Hill Rd. Suite 190
City: Mobile
State, Zip: AL, 36606
Phone: 251-706-6510(Tel)
Email: bparrish@thompsonengineering.com
Project Name: ALDOT
Site: Bender Shipbuilding

Sampler: Bill Parrish
Phone: (251) 372-7967
Lab PM: Nance, Mike
E-Mail: mike.nance@testamericainc.com
Carrier Tracking No(s):
COC No: 700-27192-5215.3
Page: Page 2 of 2
Job #: 12-2116-0039

Due Date Requested: 72 hours
TAT Requested (days): 3days
PO #: Purchase Order not required
WO #: 10-4025-0003
Project #: 70005757
SSOW#:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - Priority Pollutant Metals by 6010C (ICP)	7471B - Hg	8260C - Target Compound List	8270D - Target Compound List	8081B_8082A - PCBs only	8260C - Target Compound List	6010C - Priority Pollutant Metals by 6010C (ICP)	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	A	D	D		
B-6 3'-6'	5/29/12	1432	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-7 0'-3'	5/29/12	1453	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-7 3'-6'	5/29/12	1500	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-8 0'-3'	5/29/12	1520	C	Solid	N	N	✓	✓	✓	✓	✓				3	
B-8 3'-6'	5/29/12	1528	C	Solid	N	N	✓	✓	✓	✓	✓				3	
				Solid												
				Solid												
				Solid												
TW-1	5/29/12	1410	G	Water	N	N				✓	✓	✓	✓	✓	7	
TW-2	5/29/12	1450	G	Water	N	N				✓	✓	✓	✓	✓	7	
TW-3	5/29/12	~~1530~~ 1540	G	Water	N	N				✓	✓	✓	✓	✓	7	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

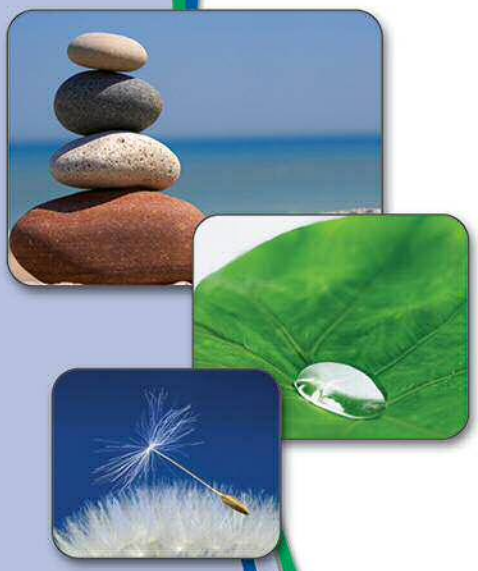
	Date/Time	Company		Date/Time	Company
Relinquished by:	5/29/12 4:12		Received by:	5/29/12 1612	
Relinquished by:	5/29/12 1612		Received by:		
Relinquished by:			Received by:		

Custody Seals Intact: △ Yes △ No | Custody Seal No.: 700-67982

Cooler Temperature(s) °C and Other Remarks: 4.2°C 3.6°C # 3509

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Mobile
900 Lakeside Drive
Mobile, AL 36693
Tel: (251)666-6633

TestAmerica Job ID: 700-68015-1
Client Project/Site: ALDOT- Bender Shipbuilding

For:
Thompson Engineering Inc
2970 Cottage Hill Rd.
Suite 190
Mobile, Alabama 36606

Attn: Mr. Bill Parrish

Authorized for release by:
6/4/2012 2:47:55 PM

Mike Nance
Project Manager II
mike.nance@testamericainc.com

Table of Contents

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
F	RPD of the MS and MSD exceeds the control limits

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the 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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 700-68015-1

Laboratory: TestAmerica Mobile

Narrative

Job Narrative
700-68015-1

Receipt
The samples were received on 5/30/2012 11:56 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) for analytical batch 117614 exceeded control criteria for 2 of 43 compounds (95% passing). The method criteria requires a minimum of 80% passing for the analysis of samples. A reporting limit standard (MRL) was analyzed with the batch, and all the affected analytes were detected. The related samples were non-detect for the affected analytes. The data have been qualified and reported.

Method(s) 8260C: Internal standard responses were outside of acceptance limits for the following sample(s): 67982A3, 67982A4, 67982A9, 67982A10, 67982A16, 68015C7, and 68015C10.B-12 0'-3' (700-68015-7), B-13 3'-6' (700-68015-10). The sample(s) shows evidence of matrix interference.

Method(s) 8260C: The continuing calibration verification (CCV) for analytical batch 117645 exceeded control criteria for 16 of the 85 compounds (81% passing). The method criteria requires a minimum of 80% passing for the analysis of samples. A reporting limit standard (MRL) was analyzed with the batch, and all the affected analytes were detected. The related samples were non-detect for the affected analytes. The data have been qualified and reported.

Method(s) 8260C: The continuing calibration verification (CCV) for analytical batch 117663 exceeded control criteria for 17 of the 91 compounds (81% passing). The method criteria requires a minimum of 80% passing for the analysis of samples. A reporting limit standard (MRL) was analyzed with the batch, and all the affected analytes were detected. The related samples were non-detect for the affected analytes. The data have been qualified and reported.

Method(s) 8260C: The following samples 68015C1, 68015C2, 68015C4, and 68015C5 was diluted due to the abundance of non-target analytes: B-10 3'-6' (700-68015-4), B-11 0'-3' (700-68015-5), B-9 0'-3' (700-68015-1), B-9 3'-6' (700-68015-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: Internal standard responses were outside of acceptance limits for the following samples: (700-68015-11 MS), B-14 0'-3' (700-68015-11), B-14 3'- (700-68015-12), B-15 3'-5.5' (700-68015-14). The samples show evidence of matrix interference; verified by reanalysis with concurring results.

No other analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081B/8082A: Internal standard (ISTD) response for the following sample(s) was outside control limits: (700-68015-13 MS), (700-68015-13 MSD), B-10 0'-3' (700-68015-3), B-10 3'-6' (700-68015-4), B-11 0'-3' (700-68015-5), B-11 3'-6' (700-68015-6), B-12 0'-3' (700-68015-7), B-12 3'-6' (700-68015-8), B-13 0'-3' (700-68015-9), B-13 3'-6' (700-68015-10), B-14 0'-3' (700-68015-11), B-14 3'- (700-68015-12), B-15 3'-5.5' (700-68015-14), B-9 0'-3' (700-68015-1), B-9 3'-6' (700-68015-2). The sample(s) was re-analyzed with concurring results. The original set of data has been reported.

No other analytical or quality issues were noted.

Metals
Method(s) 6010C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 700-117526 were outside control limits for antimony. The associated laboratory control sample (LCS/LCSD) recovery met acceptance criteria.

Method(s) 6010C: The following sample(s) was diluted due to the abundance of non-target analytes: B-11 0'-3' (700-68015-5), B-9 3'-6' (700-68015-2). Elevated reporting limits (RLs) are provided for antimony and lead.

Job ID: 700-68015-1 (Continued)

Laboratory: TestAmerica Mobile (Continued)

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-9 0'-3'
Date Collected: 05/30/12 08:01
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-1
Matrix: Solid
Percent Solids: 92.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,1,1-Trichloroethane	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,1,2-Trichloroethane	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,1-Dichloroethane	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,1-Dichloroethene	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,2-Dichloroethane	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,2-Dichlorobenzene	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,3-Dichlorobenzene	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,4-Dichlorobenzene	<270		270		ug/Kg	☼		05/31/12 14:55	50
cis-1,2-Dichloroethene	<270		270		ug/Kg	☼		05/31/12 14:55	50
1,2-Dichloropropane	<270		270		ug/Kg	☼		05/31/12 14:55	50
Acetone	<2700		2700		ug/Kg	☼		05/31/12 14:55	50
Benzene	<270		270		ug/Kg	☼		05/31/12 14:55	50
Bromoform	<270		270		ug/Kg	☼		05/31/12 14:55	50
Bromomethane	<540		540		ug/Kg	☼		05/31/12 14:55	50
Carbon disulfide	<270		270		ug/Kg	☼		05/31/12 14:55	50
Carbon tetrachloride	<270		270		ug/Kg	☼		05/31/12 14:55	50
Chlorobenzene	<270		270		ug/Kg	☼		05/31/12 14:55	50
Chlorodibromomethane	<270		270		ug/Kg	☼		05/31/12 14:55	50
Chloroethane	<540		540		ug/Kg	☼		05/31/12 14:55	50
Chloromethane	<540		540		ug/Kg	☼		05/31/12 14:55	50
Chloroform	<270		270		ug/Kg	☼		05/31/12 14:55	50
Dichlorobromomethane	<270		270		ug/Kg	☼		05/31/12 14:55	50
Ethylbenzene	<270		270		ug/Kg	☼		05/31/12 14:55	50
2-Hexanone	<1300		1300		ug/Kg	☼		05/31/12 14:55	50
Methylene Chloride	<270		270		ug/Kg	☼		05/31/12 14:55	50
4-Methyl-2-pentanone (MIBK)	<1300		1300		ug/Kg	☼		05/31/12 14:55	50
2-Butanone (MEK)	<1300		1300		ug/Kg	☼		05/31/12 14:55	50
o-Xylene	<270		270		ug/Kg	☼		05/31/12 14:55	50
Xylenes, Total	<810		810		ug/Kg	☼		05/31/12 14:55	50
Styrene	<270		270		ug/Kg	☼		05/31/12 14:55	50
Trichloroethene	<270		270		ug/Kg	☼		05/31/12 14:55	50
Toluene	<270		270		ug/Kg	☼		05/31/12 14:55	50
Vinyl chloride	<540		540		ug/Kg	☼		05/31/12 14:55	50
trans-1,3-Dichloropropene	<270		270		ug/Kg	☼		05/31/12 14:55	50
trans-1,2-Dichloroethene	<270		270		ug/Kg	☼		05/31/12 14:55	50
cis-1,3-Dichloropropene	<270		270		ug/Kg	☼		05/31/12 14:55	50
m-Xylene & p-Xylene	<540		540		ug/Kg	☼		05/31/12 14:55	50
Tetrachloroethene	<270		270		ug/Kg	☼		05/31/12 14:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*114*		*30 - 140*		*05/31/12 14:55*	*50*
4-Bromofluorobenzene	*109*		*30 - 126*		*05/31/12 14:55*	*50*
Toluene-d8 (Surr)	*99*		*42 - 130*		*05/31/12 14:55*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
1,2-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
1,3-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
1,4-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-9 0'-3'
Date Collected: 05/30/12 08:01
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-1
Matrix: Solid
Percent Solids: 92.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**690**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2,4,5-Trichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2,4,6-Trichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2,4-Dichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2,4-Dimethylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2,4-Dinitrophenol	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2,4-Dinitrotoluene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2,6-Dinitrotoluene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2-Chlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2-Methylnaphthalene	**1200**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2-Methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2-Nitroaniline	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
2-Nitrophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
3 & 4 Methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
3,3'-Dichlorobenzidine	<720		720		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
4,6-Dinitro-2-methylphenol	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
4-Bromophenyl phenyl ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
4-Chloro-3-methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
4-Chloroaniline	<720		720		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
4-Chlorophenyl phenyl ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
4-Nitroaniline	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
4-Nitrophenol	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Acenaphthene	**500**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Acenaphthylene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Anthracene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Benzidine	<2900		2900		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Benzo[a]anthracene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Benzo[a]pyrene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Benzo[b]fluoranthene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Benzo[g,h,i]perylene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Benzo[k]fluoranthene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Bis(2-chloroethoxy)methane	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Bis(2-chloroethyl)ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Bis(2-ethylhexyl) phthalate	**540**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Butyl benzyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Chrysene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Di-n-butyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Di-n-octyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Dibenz(a,h)anthracene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Dibenzofuran	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Diethyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Dimethyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Dinoseb	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Fluoranthene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Fluorene	**850**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Hexachlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Hexachlorobutadiene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Hexachlorocyclopentadiene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Hexachloroethane	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Indeno[1,2,3-cd]pyrene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Isophorone	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-9 0'-3'
Date Collected: 05/30/12 08:01
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-1
Matrix: Solid
Percent Solids: 92.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
N-Nitrosodiphenylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Naphthalene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Nitrobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Pentachlorophenol	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Phenanthrene	**2300**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Phenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Pyrene	**440**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
Carbazole	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5
N-Nitrosodimethylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 19:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*15*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 19:56*	*5*
2-Fluorobiphenyl	*63*		*31 - 130*	*05/31/12 12:00*	*05/31/12 19:56*	*5*
2-Fluorophenol (Surr)	*60*		*10 - 128*	*05/31/12 12:00*	*05/31/12 19:56*	*5*
Nitrobenzene-d5 (Surr)	*64*		*35 - 130*	*05/31/12 12:00*	*05/31/12 19:56*	*5*
Phenol-d5 (Surr)	*66*		*29 - 130*	*05/31/12 12:00*	*05/31/12 19:56*	*5*
Terphenyl-d14 (Surr)	*80*		*37 - 149*	*05/31/12 12:00*	*05/31/12 19:56*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 13:13	5
PCB-1221	<73		73		ug/Kg	☼	05/31/12 09:00	05/31/12 13:13	5
PCB-1232	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 13:13	5
PCB-1242	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 13:13	5
PCB-1248	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 13:13	5
PCB-1254	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 13:13	5
PCB-1260	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 13:13	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*30 - 150*	*05/31/12 09:00*	*05/31/12 13:13*	*5*
Tetrachloro-m-xylene	*44*		*30 - 150*	*05/31/12 09:00*	*05/31/12 13:13*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.99		0.99		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Arsenic	**9.9**		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Beryllium	<0.39		0.39		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Cadmium	<0.49		0.49		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Chromium	**11**		0.99		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Copper	**38**		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Lead	**57**		0.74		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Nickel	**4.9**		3.9		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Selenium	<1.5		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Antimony	**2.1**		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Thallium	<1.5		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1
Zinc	**70**		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 18:48	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.058**		0.013		mg/Kg	☼	05/31/12 10:25	06/01/12 12:34	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-9 3'-6'
Date Collected: 05/30/12 08:09
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-2
Matrix: Solid
Percent Solids: 79.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,1,1-Trichloroethane	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,1,2-Trichloroethane	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,1-Dichloroethane	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,1-Dichloroethene	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,2-Dichloroethane	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,2-Dichlorobenzene	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,3-Dichlorobenzene	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,4-Dichlorobenzene	<310		310		ug/Kg	☼		05/31/12 15:27	50
cis-1,2-Dichloroethene	<310		310		ug/Kg	☼		05/31/12 15:27	50
1,2-Dichloropropane	<310		310		ug/Kg	☼		05/31/12 15:27	50
Acetone	<3100		3100		ug/Kg	☼		05/31/12 15:27	50
Benzene	<310		310		ug/Kg	☼		05/31/12 15:27	50
Bromoform	<310		310		ug/Kg	☼		05/31/12 15:27	50
Bromomethane	<630		630		ug/Kg	☼		05/31/12 15:27	50
Carbon disulfide	<310		310		ug/Kg	☼		05/31/12 15:27	50
Carbon tetrachloride	<310		310		ug/Kg	☼		05/31/12 15:27	50
Chlorobenzene	<310		310		ug/Kg	☼		05/31/12 15:27	50
Chlorodibromomethane	<310		310		ug/Kg	☼		05/31/12 15:27	50
Chloroethane	<630		630		ug/Kg	☼		05/31/12 15:27	50
Chloromethane	<630		630		ug/Kg	☼		05/31/12 15:27	50
Chloroform	<310		310		ug/Kg	☼		05/31/12 15:27	50
Dichlorobromomethane	<310		310		ug/Kg	☼		05/31/12 15:27	50
Ethylbenzene	<310		310		ug/Kg	☼		05/31/12 15:27	50
2-Hexanone	<1600		1600		ug/Kg	☼		05/31/12 15:27	50
Methylene Chloride	<310		310		ug/Kg	☼		05/31/12 15:27	50
4-Methyl-2-pentanone (MIBK)	<1600		1600		ug/Kg	☼		05/31/12 15:27	50
2-Butanone (MEK)	<1600		1600		ug/Kg	☼		05/31/12 15:27	50
o-Xylene	<310		310		ug/Kg	☼		05/31/12 15:27	50
Xylenes, Total	<940		940		ug/Kg	☼		05/31/12 15:27	50
Styrene	<310		310		ug/Kg	☼		05/31/12 15:27	50
Trichloroethene	<310		310		ug/Kg	☼		05/31/12 15:27	50
Toluene	<310		310		ug/Kg	☼		05/31/12 15:27	50
Vinyl chloride	<630		630		ug/Kg	☼		05/31/12 15:27	50
trans-1,3-Dichloropropene	<310		310		ug/Kg	☼		05/31/12 15:27	50
trans-1,2-Dichloroethene	<310		310		ug/Kg	☼		05/31/12 15:27	50
cis-1,3-Dichloropropene	<310		310		ug/Kg	☼		05/31/12 15:27	50
m-Xylene & p-Xylene	<630		630		ug/Kg	☼		05/31/12 15:27	50
Tetrachloroethene	<310		310		ug/Kg	☼		05/31/12 15:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*119*		*30 - 140*		*05/31/12 15:27*	*50*
4-Bromofluorobenzene	*106*		*30 - 126*		*05/31/12 15:27*	*50*
Toluene-d8 (Surr)	*101*		*42 - 130*		*05/31/12 15:27*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
1,2-Dichlorobenzene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
1,3-Dichlorobenzene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
1,4-Dichlorobenzene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-9 3'-6'
Date Collected: 05/30/12 08:09
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-2
Matrix: Solid
Percent Solids: 79.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**2700**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2,4,5-Trichlorophenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2,4,6-Trichlorophenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2,4-Dichlorophenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2,4-Dimethylphenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2,4-Dinitrophenol	<2100		2100		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2,4-Dinitrotoluene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2,6-Dinitrotoluene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2-Chlorophenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2-Methylnaphthalene	**4400**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2-Methylphenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2-Nitroaniline	<2100		2100		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
2-Nitrophenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
3 & 4 Methylphenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
3,3'-Dichlorobenzidine	<830		830		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
4,6-Dinitro-2-methylphenol	<2100		2100		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
4-Bromophenyl phenyl ether	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
4-Chloro-3-methylphenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
4-Chloroaniline	<830		830		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
4-Chlorophenyl phenyl ether	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
4-Nitroaniline	<2100		2100		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
4-Nitrophenol	<2100		2100		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Acenaphthene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Acenaphthylene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Anthracene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Benzidine	<3400		3400		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Benzo[a]anthracene	**540**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Benzo[a]pyrene	**750**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Benzo[b]fluoranthene	**830**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Benzo[g,h,i]perylene	**610**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Benzo[k]fluoranthene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Bis(2-chloroethoxy)methane	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Bis(2-chloroethyl)ether	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Bis(2-ethylhexyl) phthalate	**1100**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Butyl benzyl phthalate	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Chrysene	**630**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Di-n-butyl phthalate	**510**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Di-n-octyl phthalate	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Dibenz(a,h)anthracene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Dibenzofuran	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Diethyl phthalate	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Dimethyl phthalate	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Dinoseb	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Fluoranthene	**870**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Fluorene	**750**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Hexachlorobenzene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Hexachlorobutadiene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Hexachlorocyclopentadiene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Hexachloroethane	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Indeno[1,2,3-cd]pyrene	**460**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Isophorone	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-9 3'-6'
Date Collected: 05/30/12 08:09
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-2
Matrix: Solid
Percent Solids: 79.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
N-Nitrosodiphenylamine	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Naphthalene	**840**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Nitrobenzene	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Pentachlorophenol	<2100		2100		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Phenanthrene	**2000**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Phenol	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Pyrene	**1100**		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
Carbazole	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5
N-Nitrosodimethylamine	<410		410		ug/Kg	☼	05/31/12 12:00	05/31/12 20:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 20:24*	*5*
2-Fluorobiphenyl	*69*		*31 - 130*	*05/31/12 12:00*	*05/31/12 20:24*	*5*
2-Fluorophenol (Surr)	*66*		*10 - 128*	*05/31/12 12:00*	*05/31/12 20:24*	*5*
Nitrobenzene-d5 (Surr)	*63*		*35 - 130*	*05/31/12 12:00*	*05/31/12 20:24*	*5*
Phenol-d5 (Surr)	*71*		*29 - 130*	*05/31/12 12:00*	*05/31/12 20:24*	*5*
Terphenyl-d14 (Surr)	*84*		*37 - 149*	*05/31/12 12:00*	*05/31/12 20:24*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<41		41		ug/Kg	☼	05/31/12 09:00	05/31/12 13:44	5
PCB-1221	<84		84		ug/Kg	☼	05/31/12 09:00	05/31/12 13:44	5
PCB-1232	<41		41		ug/Kg	☼	05/31/12 09:00	05/31/12 13:44	5
PCB-1242	<41		41		ug/Kg	☼	05/31/12 09:00	05/31/12 13:44	5
PCB-1248	<41		41		ug/Kg	☼	05/31/12 09:00	05/31/12 13:44	5
PCB-1254	<41		41		ug/Kg	☼	05/31/12 09:00	05/31/12 13:44	5
PCB-1260	<41		41		ug/Kg	☼	05/31/12 09:00	05/31/12 13:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*30 - 150*	*05/31/12 09:00*	*05/31/12 13:44*	*5*
Tetrachloro-m-xylene	*36*		*30 - 150*	*05/31/12 09:00*	*05/31/12 13:44*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.2		1.2		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Arsenic	**20**		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Beryllium	**0.57**		0.47		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Cadmium	**0.90**		0.58		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Chromium	**9.2**		1.2		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Copper	**110**		2.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Nickel	**8.5**		4.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Selenium	<1.7		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Thallium	<1.7		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1
Zinc	**190**		2.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:05	1

Method: 6010C - Metals (ICP) - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**220**		4.4		mg/Kg	☼	05/31/12 09:00	06/01/12 10:56	5
Antimony	<12		12		mg/Kg	☼	05/31/12 09:00	06/01/12 10:56	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-9 3'-6'
Date Collected: 05/30/12 08:09
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-2
Matrix: Solid
Percent Solids: 79.6

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.29		0.018		mg/Kg	☼	05/31/12 10:25	06/01/12 12:36	1

Client Sample ID: B-10 0'-3'
Date Collected: 05/30/12 08:21
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-3
Matrix: Solid
Percent Solids: 90.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,1,1-Trichloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,1,2-Trichloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,1-Dichloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,1-Dichloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,2-Dichloroethane	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,2-Dichlorobenzene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,3-Dichlorobenzene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,4-Dichlorobenzene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
cis-1,2-Dichloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
1,2-Dichloropropane	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Acetone	<55		55		ug/Kg	☼		05/31/12 01:03	1
Benzene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Bromoform	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Bromomethane	<11		11		ug/Kg	☼		05/31/12 01:03	1
Carbon disulfide	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Carbon tetrachloride	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Chlorobenzene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Chlorodibromomethane	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Chloroethane	<11		11		ug/Kg	☼		05/31/12 01:03	1
Chloromethane	<11		11		ug/Kg	☼		05/31/12 01:03	1
Chloroform	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Dichlorobromomethane	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Ethylbenzene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
2-Hexanone	<28		28		ug/Kg	☼		05/31/12 01:03	1
Methylene Chloride	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
4-Methyl-2-pentanone (MIBK)	<28		28		ug/Kg	☼		05/31/12 01:03	1
2-Butanone (MEK)	<28		28		ug/Kg	☼		05/31/12 01:03	1
o-Xylene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Xylenes, Total	<17		17		ug/Kg	☼		05/31/12 01:03	1
Styrene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Trichloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Toluene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
Vinyl chloride	<11		11		ug/Kg	☼		05/31/12 01:03	1
trans-1,3-Dichloropropene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
trans-1,2-Dichloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
cis-1,3-Dichloropropene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1
m-Xylene & p-Xylene	<11		11		ug/Kg	☼		05/31/12 01:03	1
Tetrachloroethene	<5.5		5.5		ug/Kg	☼		05/31/12 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*53*		*30 - 140*		*05/31/12 01:03*	*1*
4-Bromofluorobenzene	*98*		*30 - 126*		*05/31/12 01:03*	*1*

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-10 0'-3'
Date Collected: 05/30/12 08:21
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-3
Matrix: Solid
Percent Solids: 90.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*115*		*42 - 130*		*05/31/12 01:03*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
1,2-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
1,3-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
1,4-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
1-Methylnaphthalene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2,4,5-Trichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2,4,6-Trichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2,4-Dichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2,4-Dimethylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2,4-Dinitrophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2,4-Dinitrotoluene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2,6-Dinitrotoluene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2-Chlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2-Methylnaphthalene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2-Methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2-Nitroaniline	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
2-Nitrophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
3 & 4 Methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
3,3'-Dichlorobenzidine	<730		730		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
4,6-Dinitro-2-methylphenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
4-Bromophenyl phenyl ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
4-Chloro-3-methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
4-Chloroaniline	<730		730		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
4-Chlorophenyl phenyl ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
4-Nitroaniline	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
4-Nitrophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Acenaphthene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Acenaphthylene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Anthracene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Benzidine	<3000		3000		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Benzo[a]anthracene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Benzo[a]pyrene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Benzo[b]fluoranthene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Benzo[g,h,i]perylene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Benzo[k]fluoranthene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Bis(2-chloroethoxy)methane	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Bis(2-chloroethyl)ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Bis(2-ethylhexyl) phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Butyl benzyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Chrysene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Di-n-butyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Di-n-octyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Dibenz(a,h)anthracene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Dibenzofuran	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Diethyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Dimethyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Dinoseb	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-10 0'-3'
Date Collected: 05/30/12 08:21
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-3
Matrix: Solid
Percent Solids: 90.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Fluorene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Hexachlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Hexachlorobutadiene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Hexachlorocyclopentadiene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Hexachloroethane	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Indeno[1,2,3-cd]pyrene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Isophorone	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
N-Nitrosodi-n-propylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
N-Nitrosodiphenylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Naphthalene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Nitrobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Pentachlorophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Phenanthrene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Phenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Pyrene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
Carbazole	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5
N-Nitrosodimethylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 20:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*9*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 20:53*	*5*
2-Fluorobiphenyl	*61*		*31 - 130*	*05/31/12 12:00*	*05/31/12 20:53*	*5*
2-Fluorophenol (Surr)	*49*		*10 - 128*	*05/31/12 12:00*	*05/31/12 20:53*	*5*
Nitrobenzene-d5 (Surr)	*51*		*35 - 130*	*05/31/12 12:00*	*05/31/12 20:53*	*5*
Phenol-d5 (Surr)	*59*		*29 - 130*	*05/31/12 12:00*	*05/31/12 20:53*	*5*
Terphenyl-d14 (Surr)	*75*		*37 - 149*	*05/31/12 12:00*	*05/31/12 20:53*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 14:15	5
PCB-1221	<74		74		ug/Kg	☼	05/31/12 09:00	05/31/12 14:15	5
PCB-1232	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 14:15	5
PCB-1242	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 14:15	5
PCB-1248	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 14:15	5
PCB-1254	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 14:15	5
PCB-1260	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 14:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*30 - 150*	*05/31/12 09:00*	*05/31/12 14:15*	*5*
Tetrachloro-m-xylene	*67*		*30 - 150*	*05/31/12 09:00*	*05/31/12 14:15*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.1		1.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Arsenic	**5.6**		1.6		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Beryllium	<0.43		0.43		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Cadmium	**0.63**		0.54		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Chromium	**32**		1.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Copper	**41**		2.2		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Lead	**79**		0.81		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Nickel	**5.8**		4.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Selenium	<1.6		1.6		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-10 0'-3'

Lab Sample ID: 700-68015-3

Date Collected: 05/30/12 08:21
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 90.5

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Thallium	<1.6		1.6		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1
Zinc	**160**		2.2		mg/Kg	☼	05/31/12 09:00	05/31/12 19:08	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.013		mg/Kg	☼	05/31/12 10:25	06/01/12 12:38	1

Client Sample ID: B-10 3'-6'

Lab Sample ID: 700-68015-4

Date Collected: 05/30/12 08:26
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 70.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,1,1-Trichloroethane	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,1,2-Trichloroethane	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,1-Dichloroethane	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,1-Dichloroethene	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,2-Dichloroethane	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,2-Dichlorobenzene	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,3-Dichlorobenzene	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,4-Dichlorobenzene	<360		360		ug/Kg	☼		05/31/12 13:51	50
cis-1,2-Dichloroethene	<360		360		ug/Kg	☼		05/31/12 13:51	50
1,2-Dichloropropane	<360		360		ug/Kg	☼		05/31/12 13:51	50
Acetone	<3600		3600		ug/Kg	☼		05/31/12 13:51	50
Benzene	<360		360		ug/Kg	☼		05/31/12 13:51	50
Bromoform	<360		360		ug/Kg	☼		05/31/12 13:51	50
Bromomethane	<710		710		ug/Kg	☼		05/31/12 13:51	50
Carbon disulfide	<360		360		ug/Kg	☼		05/31/12 13:51	50
Carbon tetrachloride	<360		360		ug/Kg	☼		05/31/12 13:51	50
Chlorobenzene	<360		360		ug/Kg	☼		05/31/12 13:51	50
Chlorodibromomethane	<360		360		ug/Kg	☼		05/31/12 13:51	50
Chloroethane	<710		710		ug/Kg	☼		05/31/12 13:51	50
Chloromethane	<710		710		ug/Kg	☼		05/31/12 13:51	50
Chloroform	<360		360		ug/Kg	☼		05/31/12 13:51	50
Dichlorobromomethane	<360		360		ug/Kg	☼		05/31/12 13:51	50
Ethylbenzene	<360		360		ug/Kg	☼		05/31/12 13:51	50
2-Hexanone	<1800		1800		ug/Kg	☼		05/31/12 13:51	50
Methylene Chloride	<360		360		ug/Kg	☼		05/31/12 13:51	50
4-Methyl-2-pentanone (MIBK)	<1800		1800		ug/Kg	☼		05/31/12 13:51	50
2-Butanone (MEK)	<1800		1800		ug/Kg	☼		05/31/12 13:51	50
o-Xylene	<360		360		ug/Kg	☼		05/31/12 13:51	50
Xylenes, Total	<1100		1100		ug/Kg	☼		05/31/12 13:51	50
Styrene	<360		360		ug/Kg	☼		05/31/12 13:51	50
Trichloroethene	<360		360		ug/Kg	☼		05/31/12 13:51	50
Toluene	<360		360		ug/Kg	☼		05/31/12 13:51	50
Vinyl chloride	<710		710		ug/Kg	☼		05/31/12 13:51	50
trans-1,3-Dichloropropene	<360		360		ug/Kg	☼		05/31/12 13:51	50
trans-1,2-Dichloroethene	<360		360		ug/Kg	☼		05/31/12 13:51	50
cis-1,3-Dichloropropene	<360		360		ug/Kg	☼		05/31/12 13:51	50

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-10 3'-6'
Date Collected: 05/30/12 08:26
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-4
Matrix: Solid
Percent Solids: 70.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<710		710		ug/Kg	☼		05/31/12 13:51	50
Tetrachloroethene	<360		360		ug/Kg	☼		05/31/12 13:51	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*106*		*30 - 140*		*05/31/12 13:51*	*50*
4-Bromofluorobenzene	*97*		*30 - 126*		*05/31/12 13:51*	*50*
Toluene-d8 (Surr)	*97*		*42 - 130*		*05/31/12 13:51*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
1,2-Dichlorobenzene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
1,3-Dichlorobenzene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
1,4-Dichlorobenzene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
1-Methylnaphthalene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2,4,5-Trichlorophenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2,4,6-Trichlorophenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2,4-Dichlorophenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2,4-Dimethylphenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2,4-Dinitrophenol	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2,4-Dinitrotoluene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2,6-Dinitrotoluene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2-Chlorophenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2-Methylnaphthalene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2-Methylphenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2-Nitroaniline	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
2-Nitrophenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
3 & 4 Methylphenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
3,3'-Dichlorobenzidine	<940		940		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
4,6-Dinitro-2-methylphenol	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
4-Bromophenyl phenyl ether	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
4-Chloro-3-methylphenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
4-Chloroaniline	<940		940		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
4-Chlorophenyl phenyl ether	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
4-Nitroaniline	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
4-Nitrophenol	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Acenaphthene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Acenaphthylene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Anthracene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Benzidine	<3900		3900		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Benzo[a]anthracene	**1700**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Benzo[a]pyrene	**2200**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Benzo[b]fluoranthene	**2500**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Benzo[g,h,i]perylene	**1700**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Benzo[k]fluoranthene	**1000**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Bis(2-chloroethoxy)methane	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Bis(2-chloroethyl)ether	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Bis(2-ethylhexyl) phthalate	**480**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Butyl benzyl phthalate	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Chrysene	**1800**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Di-n-butyl phthalate	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-10 3'-6'
Date Collected: 05/30/12 08:26
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-4
Matrix: Solid
Percent Solids: 70.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Dibenz(a,h)anthracene	**510**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Dibenzofuran	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Diethyl phthalate	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Dimethyl phthalate	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Dinoseb	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Fluoranthene	**2700**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Fluorene	**730**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Hexachlorobenzene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Hexachlorobutadiene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Hexachlorocyclopentadiene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Hexachloroethane	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Indeno[1,2,3-cd]pyrene	**1600**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Isophorone	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
N-Nitrosodi-n-propylamine	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
N-Nitrosodiphenylamine	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Naphthalene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Nitrobenzene	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Pentachlorophenol	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Phenanthrene	**2900**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Phenol	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Pyrene	**3000**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
Carbazole	**490**		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5
N-Nitrosodimethylamine	<470		470		ug/Kg	☼	05/31/12 12:00	05/31/12 21:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 21:21*	*5*
2-Fluorobiphenyl	*66*		*31 - 130*	*05/31/12 12:00*	*05/31/12 21:21*	*5*
2-Fluorophenol (Surr)	*66*		*10 - 128*	*05/31/12 12:00*	*05/31/12 21:21*	*5*
Nitrobenzene-d5 (Surr)	*54*		*35 - 130*	*05/31/12 12:00*	*05/31/12 21:21*	*5*
Phenol-d5 (Surr)	*69*		*29 - 130*	*05/31/12 12:00*	*05/31/12 21:21*	*5*
Terphenyl-d14 (Surr)	*85*		*37 - 149*	*05/31/12 12:00*	*05/31/12 21:21*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<47		47		ug/Kg	☼	05/31/12 09:00	05/31/12 14:46	5
PCB-1221	<96		96		ug/Kg	☼	05/31/12 09:00	05/31/12 14:46	5
PCB-1232	<47		47		ug/Kg	☼	05/31/12 09:00	05/31/12 14:46	5
PCB-1242	<47		47		ug/Kg	☼	05/31/12 09:00	05/31/12 14:46	5
PCB-1248	<47		47		ug/Kg	☼	05/31/12 09:00	05/31/12 14:46	5
PCB-1254	<47		47		ug/Kg	☼	05/31/12 09:00	05/31/12 14:46	5
PCB-1260	<47		47		ug/Kg	☼	05/31/12 09:00	05/31/12 14:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*30 - 150*	*05/31/12 09:00*	*05/31/12 14:46*	*5*
Tetrachloro-m-xylene	*70*		*30 - 150*	*05/31/12 09:00*	*05/31/12 14:46*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.4		1.4		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Arsenic	**24**		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Beryllium	<0.55		0.55		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-10 3'-6'

Lab Sample ID: 700-68015-4
Date Collected: 05/30/12 08:26
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 70.0

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.4		0.69		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Chromium	19		1.4		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Copper	240		2.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Lead	260		1.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Nickel	15		5.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Selenium	<2.1		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Antimony	6.6		2.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Thallium	<2.1		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1
Zinc	620		2.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:21	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.27		0.018		mg/Kg	☼	05/31/12 10:25	06/01/12 12:40	1

Client Sample ID: B-11 0'-3'

Lab Sample ID: 700-68015-5
Date Collected: 05/30/12 08:43
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 92.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,1,1-Trichloroethane	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,1,2-Trichloroethane	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,1-Dichloroethane	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,1-Dichloroethene	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,2-Dichloroethane	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,2-Dichlorobenzene	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,3-Dichlorobenzene	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,4-Dichlorobenzene	<270		270		ug/Kg	☼		05/31/12 14:23	50
cis-1,2-Dichloroethene	<270		270		ug/Kg	☼		05/31/12 14:23	50
1,2-Dichloropropane	<270		270		ug/Kg	☼		05/31/12 14:23	50
Acetone	<2700		2700		ug/Kg	☼		05/31/12 14:23	50
Benzene	<270		270		ug/Kg	☼		05/31/12 14:23	50
Bromoform	<270		270		ug/Kg	☼		05/31/12 14:23	50
Bromomethane	<540		540		ug/Kg	☼		05/31/12 14:23	50
Carbon disulfide	<270		270		ug/Kg	☼		05/31/12 14:23	50
Carbon tetrachloride	<270		270		ug/Kg	☼		05/31/12 14:23	50
Chlorobenzene	<270		270		ug/Kg	☼		05/31/12 14:23	50
Chlorodibromomethane	<270		270		ug/Kg	☼		05/31/12 14:23	50
Chloroethane	<540		540		ug/Kg	☼		05/31/12 14:23	50
Chloromethane	<540		540		ug/Kg	☼		05/31/12 14:23	50
Chloroform	<270		270		ug/Kg	☼		05/31/12 14:23	50
Dichlorobromomethane	<270		270		ug/Kg	☼		05/31/12 14:23	50
Ethylbenzene	<270		270		ug/Kg	☼		05/31/12 14:23	50
2-Hexanone	<1300		1300		ug/Kg	☼		05/31/12 14:23	50
Methylene Chloride	<270		270		ug/Kg	☼		05/31/12 14:23	50
4-Methyl-2-pentanone (MIBK)	<1300		1300		ug/Kg	☼		05/31/12 14:23	50
2-Butanone (MEK)	<1300		1300		ug/Kg	☼		05/31/12 14:23	50
o-Xylene	<270		270		ug/Kg	☼		05/31/12 14:23	50
Xylenes, Total	<800		800		ug/Kg	☼		05/31/12 14:23	50
Styrene	<270		270		ug/Kg	☼		05/31/12 14:23	50

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-11 0'-3'
Date Collected: 05/30/12 08:43
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-5
Matrix: Solid
Percent Solids: 92.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<270		270		ug/Kg	☼		05/31/12 14:23	50
Toluene	<270		270		ug/Kg	☼		05/31/12 14:23	50
Vinyl chloride	<540		540		ug/Kg	☼		05/31/12 14:23	50
trans-1,3-Dichloropropene	<270		270		ug/Kg	☼		05/31/12 14:23	50
trans-1,2-Dichloroethene	<270		270		ug/Kg	☼		05/31/12 14:23	50
cis-1,3-Dichloropropene	<270		270		ug/Kg	☼		05/31/12 14:23	50
m-Xylene & p-Xylene	<540		540		ug/Kg	☼		05/31/12 14:23	50
Tetrachloroethene	<270		270		ug/Kg	☼		05/31/12 14:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*111*		*30 - 140*		*05/31/12 14:23*	*50*
4-Bromofluorobenzene	*107*		*30 - 126*		*05/31/12 14:23*	*50*
Toluene-d8 (Surr)	*101*		*42 - 130*		*05/31/12 14:23*	*50*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
1,2-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
1,3-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
1,4-Dichlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
1-Methylnaphthalene	**1100**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2,4,5-Trichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2,4,6-Trichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2,4-Dichlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2,4-Dimethylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2,4-Dinitrophenol	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2,4-Dinitrotoluene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2,6-Dinitrotoluene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2-Chlorophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2-Methylnaphthalene	**1300**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2-Methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2-Nitroaniline	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
2-Nitrophenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
3 & 4 Methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
3,3'-Dichlorobenzidine	<720		720		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
4,6-Dinitro-2-methylphenol	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
4-Bromophenyl phenyl ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
4-Chloro-3-methylphenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
4-Chloroaniline	<720		720		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
4-Chlorophenyl phenyl ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
4-Nitroaniline	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
4-Nitrophenol	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Acenaphthene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Acenaphthylene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Anthracene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Benzidine	<2900		2900		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Benzo[a]anthracene	**600**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Benzo[a]pyrene	**600**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Benzo[b]fluoranthene	**830**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Benzo[g,h,i]perylene	**420**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Benzo[k]fluoranthene	**370**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-11 0'-3'
Date Collected: 05/30/12 08:43
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-5
Matrix: Solid
Percent Solids: 92.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Bis(2-chloroethyl)ether	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Bis(2-ethylhexyl) phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Butyl benzyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Chrysene	**830**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Di-n-butyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Di-n-octyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Dibenz(a,h)anthracene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Dibenzofuran	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Diethyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Dimethyl phthalate	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Dinoseb	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Fluoranthene	**1200**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Fluorene	**470**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Hexachlorobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Hexachlorobutadiene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Hexachlorocyclopentadiene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Hexachloroethane	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Indeno[1,2,3-cd]pyrene	**400**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Isophorone	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
N-Nitrosodi-n-propylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
N-Nitrosodiphenylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Naphthalene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Nitrobenzene	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Pentachlorophenol	<1800		1800		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Phenanthrene	**1800**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Phenol	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Pyrene	**1600**		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
Carbazole	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5
N-Nitrosodimethylamine	<360		360		ug/Kg	☼	05/31/12 12:00	05/31/12 21:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 21:50*	*5*
2-Fluorobiphenyl	*60*		*31 - 130*	*05/31/12 12:00*	*05/31/12 21:50*	*5*
2-Fluorophenol (Surr)	*68*		*10 - 128*	*05/31/12 12:00*	*05/31/12 21:50*	*5*
Nitrobenzene-d5 (Surr)	*52*		*35 - 130*	*05/31/12 12:00*	*05/31/12 21:50*	*5*
Phenol-d5 (Surr)	*70*		*29 - 130*	*05/31/12 12:00*	*05/31/12 21:50*	*5*
Terphenyl-d14 (Surr)	*79*		*37 - 149*	*05/31/12 12:00*	*05/31/12 21:50*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 15:18	5
PCB-1221	<73		73		ug/Kg	☼	05/31/12 09:00	05/31/12 15:18	5
PCB-1232	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 15:18	5
PCB-1242	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 15:18	5
PCB-1248	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 15:18	5
PCB-1254	<36		36		ug/Kg	☼	05/31/12 09:00	05/31/12 15:18	5
PCB-1260	**660**		36		ug/Kg	☼	05/31/12 09:00	05/31/12 15:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*30 - 150*	*05/31/12 09:00*	*05/31/12 15:18*	*5*
Tetrachloro-m-xylene	*50*		*30 - 150*	*05/31/12 09:00*	*05/31/12 15:18*	*5*

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-11 0'-3'

Lab Sample ID: 700-68015-5

Date Collected: 05/30/12 08:43
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 92.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.0		1.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Arsenic	**9.2**		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Beryllium	**0.62**		0.41		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Cadmium	**2.1**		0.51		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Chromium	**63**		1.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Copper	**1100**		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Nickel	**21**		4.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Selenium	<1.5		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Thallium	<1.5		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1
Zinc	**840**		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:24	1

Method: 6010C - Metals (ICP) - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**700**		3.8		mg/Kg	☼	05/31/12 09:00	06/01/12 10:59	5
Antimony	<10		10		mg/Kg	☼	05/31/12 09:00	06/01/12 10:59	5

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.7**		0.070		mg/Kg	☼	05/31/12 10:25	06/01/12 13:11	5

Client Sample ID: B-11 3'-6'

Lab Sample ID: 700-68015-6

Date Collected: 05/30/12 08:50
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 71.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,1,1-Trichloroethane	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,1,2-Trichloroethane	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,1-Dichloroethane	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,1-Dichloroethene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,2-Dichloroethane	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,2-Dichlorobenzene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,3-Dichlorobenzene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,4-Dichlorobenzene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
cis-1,2-Dichloroethene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
1,2-Dichloropropane	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Acetone	**86**		69		ug/Kg	☼		05/31/12 02:37	1
Benzene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Bromoform	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Bromomethane	<14		14		ug/Kg	☼		05/31/12 02:37	1
Carbon disulfide	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Carbon tetrachloride	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Chlorobenzene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Chlorodibromomethane	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Chloroethane	<14		14		ug/Kg	☼		05/31/12 02:37	1
Chloromethane	<14		14		ug/Kg	☼		05/31/12 02:37	1
Chloroform	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Dichlorobromomethane	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Ethylbenzene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
2-Hexanone	<35		35		ug/Kg	☼		05/31/12 02:37	1
Methylene Chloride	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-11 3'-6'
Date Collected: 05/30/12 08:50
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-6
Matrix: Solid
Percent Solids: 71.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	<35		35		ug/Kg	☼		05/31/12 02:37	1
2-Butanone (MEK)	<35		35		ug/Kg	☼		05/31/12 02:37	1
o-Xylene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Xylenes, Total	<21		21		ug/Kg	☼		05/31/12 02:37	1
Styrene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Trichloroethene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Toluene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
Vinyl chloride	<14		14		ug/Kg	☼		05/31/12 02:37	1
trans-1,3-Dichloropropene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
trans-1,2-Dichloroethene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
cis-1,3-Dichloropropene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1
m-Xylene & p-Xylene	<14		14		ug/Kg	☼		05/31/12 02:37	1
Tetrachloroethene	<6.9		6.9		ug/Kg	☼		05/31/12 02:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*100*		*30 - 140*		*05/31/12 02:37*	*1*
4-Bromofluorobenzene	*82*		*30 - 126*		*05/31/12 02:37*	*1*
Toluene-d8 (Surr)	*112*		*42 - 130*		*05/31/12 02:37*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
1,2-Dichlorobenzene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
1,3-Dichlorobenzene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
1,4-Dichlorobenzene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
1-Methylnaphthalene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2,4,5-Trichlorophenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2,4,6-Trichlorophenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2,4-Dichlorophenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2,4-Dimethylphenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2,4-Dinitrophenol	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2,4-Dinitrotoluene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2,6-Dinitrotoluene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2-Chlorophenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2-Methylnaphthalene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2-Methylphenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2-Nitroaniline	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
2-Nitrophenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
3 & 4 Methylphenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
3,3'-Dichlorobenzidine	<930		930		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
4,6-Dinitro-2-methylphenol	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
4-Bromophenyl phenyl ether	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
4-Chloro-3-methylphenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
4-Chloroaniline	<930		930		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
4-Chlorophenyl phenyl ether	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
4-Nitroaniline	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
4-Nitrophenol	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Acenaphthene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Acenaphthylene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Anthracene	**500**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Benzidine	<3800		3800		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-11 3'-6'
Date Collected: 05/30/12 08:50
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-6
Matrix: Solid
Percent Solids: 71.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**2000**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Benzo[a]pyrene	**1700**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Benzo[b]fluoranthene	**1900**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Benzo[g,h,i]perylene	**930**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Benzo[k]fluoranthene	**930**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Bis(2-chloroethoxy)methane	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Bis(2-chloroethyl)ether	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Bis(2-ethylhexyl) phthalate	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Butyl benzyl phthalate	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Chrysene	**2300**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Di-n-butyl phthalate	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Di-n-octyl phthalate	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Dibenz(a,h)anthracene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Dibenzofuran	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Diethyl phthalate	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Dimethyl phthalate	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Dinoseb	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Fluoranthene	**5300**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Fluorene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Hexachlorobenzene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Hexachlorobutadiene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Hexachlorocyclopentadiene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Hexachloroethane	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Indeno[1,2,3-cd]pyrene	**910**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Isophorone	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
N-Nitrosodi-n-propylamine	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
N-Nitrosodiphenylamine	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Naphthalene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Nitrobenzene	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Pentachlorophenol	<2400		2400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Phenanthrene	**4400**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Phenol	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Pyrene	**6200**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
Carbazole	**550**		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5
N-Nitrosodimethylamine	<460		460		ug/Kg	☼	05/31/12 12:00	05/31/12 22:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 22:18*	*5*
2-Fluorobiphenyl	*62*		*31 - 130*	*05/31/12 12:00*	*05/31/12 22:18*	*5*
2-Fluorophenol (Surr)	*67*		*10 - 128*	*05/31/12 12:00*	*05/31/12 22:18*	*5*
Nitrobenzene-d5 (Surr)	*53*		*35 - 130*	*05/31/12 12:00*	*05/31/12 22:18*	*5*
Phenol-d5 (Surr)	*64*		*29 - 130*	*05/31/12 12:00*	*05/31/12 22:18*	*5*
Terphenyl-d14 (Surr)	*97*		*37 - 149*	*05/31/12 12:00*	*05/31/12 22:18*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<46		46		ug/Kg	☼	05/31/12 09:00	05/31/12 15:49	5
PCB-1221	<94		94		ug/Kg	☼	05/31/12 09:00	05/31/12 15:49	5
PCB-1232	<46		46		ug/Kg	☼	05/31/12 09:00	05/31/12 15:49	5
PCB-1242	<46		46		ug/Kg	☼	05/31/12 09:00	05/31/12 15:49	5
PCB-1248	<46		46		ug/Kg	☼	05/31/12 09:00	05/31/12 15:49	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-11 3'-6'

Lab Sample ID: 700-68015-6
Date Collected: 05/30/12 08:50
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 71.1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	<46		46		ug/Kg	☼	05/31/12 09:00	05/31/12 15:49	5
PCB-1260	<46		46		ug/Kg	☼	05/31/12 09:00	05/31/12 15:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*		*30 - 150*	*05/31/12 09:00*	*05/31/12 15:49*	*5*
Tetrachloro-m-xylene	*54*		*30 - 150*	*05/31/12 09:00*	*05/31/12 15:49*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.3		1.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Arsenic	**6.1**		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Beryllium	<0.53		0.53		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Cadmium	<0.66		0.66		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Chromium	**13**		1.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Copper	**62**		2.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Lead	**470**		0.99		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Nickel	<5.3		5.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Selenium	<2.0		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Antimony	<2.7		2.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Thallium	<2.0		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1
Zinc	**230**		2.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:28	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.94**		0.039		mg/Kg	☼	05/31/12 10:25	06/01/12 13:12	2

Client Sample ID: B-12 0'-3'

Lab Sample ID: 700-68015-7
Date Collected: 05/30/12 09:04
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 88.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,1,1-Trichloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,1,2-Trichloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,1-Dichloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,1-Dichloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,2-Dichloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,2-Dichlorobenzene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,3-Dichlorobenzene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,4-Dichlorobenzene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
cis-1,2-Dichloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
1,2-Dichloropropane	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Acetone	<56		56		ug/Kg	☼		06/01/12 01:59	1
Benzene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Bromoform	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Bromomethane	<11		11		ug/Kg	☼		06/01/12 01:59	1
Carbon disulfide	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Carbon tetrachloride	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Chlorobenzene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Chlorodibromomethane	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Chloroethane	<11		11		ug/Kg	☼		06/01/12 01:59	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-12 0'-3'
Date Collected: 05/30/12 09:04
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-7
Matrix: Solid
Percent Solids: 88.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<11		11		ug/Kg	☼		06/01/12 01:59	1
Chloroform	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Dichlorobromomethane	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Ethylbenzene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
2-Hexanone	<28		28		ug/Kg	☼		06/01/12 01:59	1
Methylene Chloride	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
4-Methyl-2-pentanone (MIBK)	<28		28		ug/Kg	☼		06/01/12 01:59	1
2-Butanone (MEK)	<28		28		ug/Kg	☼		06/01/12 01:59	1
o-Xylene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Xylenes, Total	<17		17		ug/Kg	☼		06/01/12 01:59	1
Styrene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Trichloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Toluene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
Vinyl chloride	<11		11		ug/Kg	☼		06/01/12 01:59	1
trans-1,3-Dichloropropene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
trans-1,2-Dichloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
cis-1,3-Dichloropropene	<5.6		5.6		ug/Kg	☼		06/01/12 01:59	1
m-Xylene & p-Xylene	<11		11		ug/Kg	☼		06/01/12 01:59	1
Tetrachloroethene	**9.8**		5.6		ug/Kg	☼		06/01/12 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*103*		*30 - 140*		*06/01/12 01:59*	*1*
4-Bromofluorobenzene	*55*		*30 - 126*		*06/01/12 01:59*	*1*
Toluene-d8 (Surr)	*87*		*42 - 130*		*06/01/12 01:59*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
1,2-Dichlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
1,3-Dichlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
1,4-Dichlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
1-Methylnaphthalene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2,4,5-Trichlorophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2,4,6-Trichlorophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2,4-Dichlorophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2,4-Dimethylphenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2,4-Dinitrophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2,4-Dinitrotoluene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2,6-Dinitrotoluene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2-Chlorophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2-Methylnaphthalene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2-Methylphenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2-Nitroaniline	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
2-Nitrophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
3 & 4 Methylphenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
3,3'-Dichlorobenzidine	<740		740		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
4,6-Dinitro-2-methylphenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
4-Bromophenyl phenyl ether	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
4-Chloro-3-methylphenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
4-Chloroaniline	<740		740		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
4-Chlorophenyl phenyl ether	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-12 0'-3'
Date Collected: 05/30/12 09:04
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-7
Matrix: Solid
Percent Solids: 88.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
4-Nitrophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Acenaphthene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Acenaphthylene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Anthracene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Benzidine	<3000		3000		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Benzo[a]anthracene	**840**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Benzo[a]pyrene	**800**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Benzo[b]fluoranthene	**1100**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Benzo[g,h,i]perylene	**600**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Benzo[k]fluoranthene	**420**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Bis(2-chloroethoxy)methane	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Bis(2-chloroethyl)ether	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Bis(2-ethylhexyl) phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Butyl benzyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Chrysene	**1000**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Di-n-butyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Di-n-octyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Dibenz(a,h)anthracene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Dibenzofuran	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Diethyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Dimethyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Dinoseb	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Fluoranthene	**1500**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Fluorene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Hexachlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Hexachlorobutadiene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Hexachlorocyclopentadiene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Hexachloroethane	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Indeno[1,2,3-cd]pyrene	**540**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Isophorone	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
N-Nitrosodi-n-propylamine	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
N-Nitrosodiphenylamine	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Naphthalene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Nitrobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Pentachlorophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Phenanthrene	**880**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Phenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Pyrene	**1800**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
Carbazole	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5
N-Nitrosodimethylamine	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 22:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 22:47*	*5*
2-Fluorobiphenyl	*55*		*31 - 130*	*05/31/12 12:00*	*05/31/12 22:47*	*5*
2-Fluorophenol (Surr)	*50*		*10 - 128*	*05/31/12 12:00*	*05/31/12 22:47*	*5*
Nitrobenzene-d5 (Surr)	*48*		*35 - 130*	*05/31/12 12:00*	*05/31/12 22:47*	*5*
Phenol-d5 (Surr)	*59*		*29 - 130*	*05/31/12 12:00*	*05/31/12 22:47*	*5*
Terphenyl-d14 (Surr)	*90*		*37 - 149*	*05/31/12 12:00*	*05/31/12 22:47*	*5*

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-12 0'-3'

Lab Sample ID: 700-68015-7

Date Collected: 05/30/12 09:04
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 88.7

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 16:20	5
PCB-1221	<76		76		ug/Kg	☼	05/31/12 09:00	05/31/12 16:20	5
PCB-1232	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 16:20	5
PCB-1242	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 16:20	5
PCB-1248	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 16:20	5
PCB-1254	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 16:20	5
PCB-1260	**75**		37		ug/Kg	☼	05/31/12 09:00	05/31/12 16:20	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*30 - 150*	*05/31/12 09:00*	*05/31/12 16:20*	*5*
Tetrachloro-m-xylene	*69*		*30 - 150*	*05/31/12 09:00*	*05/31/12 16:20*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.97		0.97		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Arsenic	**9.6**		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Beryllium	<0.39		0.39		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Cadmium	**6.8**		0.49		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Chromium	**13**		0.97		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Copper	**110**		1.9		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Lead	**530**		0.73		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Nickel	**9.5**		3.9		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Selenium	<1.5		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Antimony	**4.2**		1.9		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Thallium	**1.5**		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1
Zinc	**2700**		1.9		mg/Kg	☼	05/31/12 09:00	05/31/12 19:31	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.62**		0.016		mg/Kg	☼	05/31/12 10:25	06/01/12 12:50	1

Client Sample ID: B-12 3'-6'

Lab Sample ID: 700-68015-8

Date Collected: 05/30/12 09:11
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 77.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,1,1-Trichloroethane	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,1,2-Trichloroethane	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,1-Dichloroethane	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,1-Dichloroethene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,2-Dichloroethane	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,2-Dichlorobenzene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,3-Dichlorobenzene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,4-Dichlorobenzene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
cis-1,2-Dichloroethene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
1,2-Dichloropropane	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Acetone	<64		64		ug/Kg	☼		05/31/12 03:09	1
Benzene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Bromoform	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Bromomethane	<13		13		ug/Kg	☼		05/31/12 03:09	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-12 3'-6'
Date Collected: 05/30/12 09:11
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-8
Matrix: Solid
Percent Solids: 77.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Carbon tetrachloride	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Chlorobenzene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Chlorodibromomethane	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Chloroethane	<13		13		ug/Kg	☼		05/31/12 03:09	1
Chloromethane	<13		13		ug/Kg	☼		05/31/12 03:09	1
Chloroform	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Dichlorobromomethane	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Ethylbenzene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
2-Hexanone	<32		32		ug/Kg	☼		05/31/12 03:09	1
Methylene Chloride	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
4-Methyl-2-pentanone (MIBK)	<32		32		ug/Kg	☼		05/31/12 03:09	1
2-Butanone (MEK)	<32		32		ug/Kg	☼		05/31/12 03:09	1
o-Xylene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Xylenes, Total	<19		19		ug/Kg	☼		05/31/12 03:09	1
Styrene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Trichloroethene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Toluene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
Vinyl chloride	<13		13		ug/Kg	☼		05/31/12 03:09	1
trans-1,3-Dichloropropene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
trans-1,2-Dichloroethene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
cis-1,3-Dichloropropene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1
m-Xylene & p-Xylene	<13		13		ug/Kg	☼		05/31/12 03:09	1
Tetrachloroethene	<6.4		6.4		ug/Kg	☼		05/31/12 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*102*		*30 - 140*		*05/31/12 03:09*	*1*
4-Bromofluorobenzene	*100*		*30 - 126*		*05/31/12 03:09*	*1*
Toluene-d8 (Surr)	*100*		*42 - 130*		*05/31/12 03:09*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
1,2-Dichlorobenzene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
1,3-Dichlorobenzene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
1,4-Dichlorobenzene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
1-Methylnaphthalene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2,4,5-Trichlorophenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2,4,6-Trichlorophenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2,4-Dichlorophenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2,4-Dimethylphenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2,4-Dinitrophenol	<2200		2200		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2,4-Dinitrotoluene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2,6-Dinitrotoluene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2-Chlorophenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2-Methylnaphthalene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2-Methylphenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2-Nitroaniline	<2200		2200		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
2-Nitrophenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
3 & 4 Methylphenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
3,3'-Dichlorobenzidine	<850		850		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-12 3'-6'
Date Collected: 05/30/12 09:11
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-8
Matrix: Solid
Percent Solids: 77.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	<2200		2200		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
4-Bromophenyl phenyl ether	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
4-Chloro-3-methylphenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
4-Chloroaniline	<850		850		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
4-Chlorophenyl phenyl ether	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
4-Nitroaniline	<2200		2200		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
4-Nitrophenol	<2200		2200		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Acenaphthene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Acenaphthylene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Anthracene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Benzidine	<3500		3500		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Benzo[a]anthracene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Benzo[a]pyrene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Benzo[b]fluoranthene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Benzo[g,h,i]perylene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Benzo[k]fluoranthene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Bis(2-chloroethoxy)methane	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Bis(2-chloroethyl)ether	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Bis(2-ethylhexyl) phthalate	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Butyl benzyl phthalate	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Chrysene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Di-n-butyl phthalate	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Di-n-octyl phthalate	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Dibenz(a,h)anthracene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Dibenzofuran	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Diethyl phthalate	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Dimethyl phthalate	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Dinoseb	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Fluoranthene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Fluorene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Hexachlorobenzene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Hexachlorobutadiene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Hexachlorocyclopentadiene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Hexachloroethane	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Indeno[1,2,3-cd]pyrene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Isophorone	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
N-Nitrosodi-n-propylamine	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
N-Nitrosodiphenylamine	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Naphthalene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Nitrobenzene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Pentachlorophenol	<2200		2200		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Phenanthrene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Phenol	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Pyrene	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
Carbazole	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5
N-Nitrosodimethylamine	<430		430		ug/Kg	☼	05/31/12 12:00	05/31/12 23:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 23:15*	*5*
2-Fluorobiphenyl	*71*		*31 - 130*	*05/31/12 12:00*	*05/31/12 23:15*	*5*
2-Fluorophenol (Surr)	*76*		*10 - 128*	*05/31/12 12:00*	*05/31/12 23:15*	*5*

Client Sample ID: B-12 3'-6'

Lab Sample ID: 700-68015-8
Date Collected: 05/30/12 09:11
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 77.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*69*		*35 - 130*	*05/31/12 12:00*	*05/31/12 23:15*	*5*
Phenol-d5 (Surr)	*75*		*29 - 130*	*05/31/12 12:00*	*05/31/12 23:15*	*5*
Terphenyl-d14 (Surr)	*106*		*37 - 149*	*05/31/12 12:00*	*05/31/12 23:15*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<43		43		ug/Kg	☼	05/31/12 09:00	05/31/12 16:51	5
PCB-1221	<87		87		ug/Kg	☼	05/31/12 09:00	05/31/12 16:51	5
PCB-1232	<43		43		ug/Kg	☼	05/31/12 09:00	05/31/12 16:51	5
PCB-1242	<43		43		ug/Kg	☼	05/31/12 09:00	05/31/12 16:51	5
PCB-1248	<43		43		ug/Kg	☼	05/31/12 09:00	05/31/12 16:51	5
PCB-1254	<43		43		ug/Kg	☼	05/31/12 09:00	05/31/12 16:51	5
PCB-1260	<43		43		ug/Kg	☼	05/31/12 09:00	05/31/12 16:51	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*30 - 150*	*05/31/12 09:00*	*05/31/12 16:51*	*5*
Tetrachloro-m-xylene	*61*		*30 - 150*	*05/31/12 09:00*	*05/31/12 16:51*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.1		1.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Arsenic	**2.5**		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Beryllium	<0.45		0.45		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Cadmium	<0.57		0.57		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Chromium	**6.6**		1.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Copper	**27**		2.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Lead	**270**		0.85		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Nickel	<4.5		4.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Selenium	<1.7		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Antimony	<2.3		2.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Thallium	<1.7		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1
Zinc	**74**		2.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:35	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.094**		0.016		mg/Kg	☼	05/31/12 10:25	06/01/12 12:52	1

Client Sample ID: B-13 0'-3'

Lab Sample ID: 700-68015-9
Date Collected: 05/30/12 09:30
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 88.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,1,1-Trichloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,1,2-Trichloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,1-Dichloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,1-Dichloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,2-Dichloroethane	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,2-Dichlorobenzene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,3-Dichlorobenzene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,4-Dichlorobenzene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-13 0'-3'
Date Collected: 05/30/12 09:30
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-9
Matrix: Solid
Percent Solids: 88.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
1,2-Dichloropropane	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Acetone	<56		56		ug/Kg	☼		06/01/12 02:31	1
Benzene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Bromoform	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Bromomethane	<11		11		ug/Kg	☼		06/01/12 02:31	1
Carbon disulfide	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Carbon tetrachloride	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Chlorobenzene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Chlorodibromomethane	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Chloroethane	<11		11		ug/Kg	☼		06/01/12 02:31	1
Chloromethane	<11		11		ug/Kg	☼		06/01/12 02:31	1
Chloroform	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Dichlorobromomethane	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Ethylbenzene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
2-Hexanone	<28		28		ug/Kg	☼		06/01/12 02:31	1
Methylene Chloride	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
4-Methyl-2-pentanone (MIBK)	<28		28		ug/Kg	☼		06/01/12 02:31	1
2-Butanone (MEK)	<28		28		ug/Kg	☼		06/01/12 02:31	1
o-Xylene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Xylenes, Total	<17		17		ug/Kg	☼		06/01/12 02:31	1
Styrene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Trichloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Toluene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
Vinyl chloride	<11		11		ug/Kg	☼		06/01/12 02:31	1
trans-1,3-Dichloropropene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
trans-1,2-Dichloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
cis-1,3-Dichloropropene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1
m-Xylene & p-Xylene	<11		11		ug/Kg	☼		06/01/12 02:31	1
Tetrachloroethene	<5.6		5.6		ug/Kg	☼		06/01/12 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*97*		*30 - 140*		*06/01/12 02:31*	*1*
4-Bromofluorobenzene	*95*		*30 - 126*		*06/01/12 02:31*	*1*
Toluene-d8 (Surr)	*98*		*42 - 130*		*06/01/12 02:31*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
1,2-Dichlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
1,3-Dichlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
1,4-Dichlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
1-Methylnaphthalene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2,4,5-Trichlorophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2,4,6-Trichlorophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2,4-Dichlorophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2,4-Dimethylphenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2,4-Dinitrophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2,4-Dinitrotoluene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2,6-Dinitrotoluene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2-Chlorophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-13 0'-3'
Date Collected: 05/30/12 09:30
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-9
Matrix: Solid
Percent Solids: 88.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2-Methylphenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2-Nitroaniline	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
2-Nitrophenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
3 & 4 Methylphenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
3,3'-Dichlorobenzidine	<750		750		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
4,6-Dinitro-2-methylphenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
4-Bromophenyl phenyl ether	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
4-Chloro-3-methylphenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
4-Chloroaniline	<750		750		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
4-Chlorophenyl phenyl ether	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
4-Nitroaniline	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
4-Nitrophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Acenaphthene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Acenaphthylene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Anthracene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Benzidine	<3100		3100		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Benzo[a]anthracene	**930**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Benzo[a]pyrene	**1200**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Benzo[b]fluoranthene	**1700**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Benzo[g,h,i]perylene	**770**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Benzo[k]fluoranthene	**380**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Bis(2-chloroethoxy)methane	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Bis(2-chloroethyl)ether	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Bis(2-ethylhexyl) phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Butyl benzyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Chrysene	**1200**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Di-n-butyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Di-n-octyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Dibenz(a,h)anthracene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Dibenzofuran	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Diethyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Dimethyl phthalate	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Dinoseb	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Fluoranthene	**1800**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Fluorene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Hexachlorobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Hexachlorobutadiene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Hexachlorocyclopentadiene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Hexachloroethane	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Indeno[1,2,3-cd]pyrene	**700**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Isophorone	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
N-Nitrosodi-n-propylamine	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
N-Nitrosodiphenylamine	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Naphthalene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Nitrobenzene	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Pentachlorophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Phenanthrene	**900**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Phenol	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Pyrene	**1600**		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5
Carbazole	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-13 0'-3'

Lab Sample ID: 700-68015-9
Date Collected: 05/30/12 09:30
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 88.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	<370		370		ug/Kg	☼	05/31/12 12:00	05/31/12 21:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 21:46*	*5*
2-Fluorobiphenyl	*67*		*31 - 130*	*05/31/12 12:00*	*05/31/12 21:46*	*5*
2-Fluorophenol (Surr)	*35*		*10 - 128*	*05/31/12 12:00*	*05/31/12 21:46*	*5*
Nitrobenzene-d5 (Surr)	*48*		*35 - 130*	*05/31/12 12:00*	*05/31/12 21:46*	*5*
Phenol-d5 (Surr)	*43*		*29 - 130*	*05/31/12 12:00*	*05/31/12 21:46*	*5*
Terphenyl-d14 (Surr)	*66*		*37 - 149*	*05/31/12 12:00*	*05/31/12 21:46*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 17:23	5
PCB-1221	<76		76		ug/Kg	☼	05/31/12 09:00	05/31/12 17:23	5
PCB-1232	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 17:23	5
PCB-1242	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 17:23	5
PCB-1248	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 17:23	5
PCB-1254	<37		37		ug/Kg	☼	05/31/12 09:00	05/31/12 17:23	5
PCB-1260	**51**		37		ug/Kg	☼	05/31/12 09:00	05/31/12 17:23	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*30 - 150*	*05/31/12 09:00*	*05/31/12 17:23*	*5*
Tetrachloro-m-xylene	*68*		*30 - 150*	*05/31/12 09:00*	*05/31/12 17:23*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.0		1.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Arsenic	**46**		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Beryllium	**1.0**		0.41		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Cadmium	**1.4**		0.51		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Chromium	**63**		1.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Copper	**250**		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Lead	**550**		0.77		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Nickel	**22**		4.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Selenium	**1.5**		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Antimony	**14**		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Thallium	<1.5		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1
Zinc	**330**		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:38	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.51**		0.013		mg/Kg	☼	05/31/12 10:25	06/01/12 12:54	1

Client Sample ID: B-13 3'-6'

Lab Sample ID: 700-68015-10
Date Collected: 05/30/12 09:37
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 75.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
1,1,1-Trichloroethane	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
1,1,2-Trichloroethane	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-13 3'-6'
Date Collected: 05/30/12 09:37
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-10
Matrix: Solid
Percent Solids: 75.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
1,1-Dichloroethene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
1,2-Dichloroethane	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
1,2-Dichlorobenzene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
1,3-Dichlorobenzene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
1,4-Dichlorobenzene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
cis-1,2-Dichloroethene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
1,2-Dichloropropane	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Acetone	**120**		65		ug/Kg	☼		06/01/12 01:28	1
Benzene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Bromoform	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Bromomethane	<13		13		ug/Kg	☼		06/01/12 01:28	1
Carbon disulfide	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Carbon tetrachloride	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Chlorobenzene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Chlorodibromomethane	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Chloroethane	<13		13		ug/Kg	☼		06/01/12 01:28	1
Chloromethane	<13		13		ug/Kg	☼		06/01/12 01:28	1
Chloroform	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Dichlorobromomethane	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Ethylbenzene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
2-Hexanone	<33		33		ug/Kg	☼		06/01/12 01:28	1
Methylene Chloride	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
4-Methyl-2-pentanone (MIBK)	<33		33		ug/Kg	☼		06/01/12 01:28	1
2-Butanone (MEK)	<33		33		ug/Kg	☼		06/01/12 01:28	1
o-Xylene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Xylenes, Total	<20		20		ug/Kg	☼		06/01/12 01:28	1
Styrene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Trichloroethene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Toluene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
Vinyl chloride	<13		13		ug/Kg	☼		06/01/12 01:28	1
trans-1,3-Dichloropropene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
trans-1,2-Dichloroethene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
cis-1,3-Dichloropropene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1
m-Xylene & p-Xylene	<13		13		ug/Kg	☼		06/01/12 01:28	1
Tetrachloroethene	<6.5		6.5		ug/Kg	☼		06/01/12 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*30 - 140*		*06/01/12 01:28*	*1*
4-Bromofluorobenzene	*84*		*30 - 126*		*06/01/12 01:28*	*1*
Toluene-d8 (Surr)	*95*		*42 - 130*		*06/01/12 01:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
1,2-Dichlorobenzene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
1,3-Dichlorobenzene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
1,4-Dichlorobenzene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
1-Methylnaphthalene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2,4,5-Trichlorophenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2,4,6-Trichlorophenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-13 3'-6'
Date Collected: 05/30/12 09:37
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-10
Matrix: Solid
Percent Solids: 75.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2,4-Dimethylphenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2,4-Dinitrophenol	<2300		2300		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2,4-Dinitrotoluene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2,6-Dinitrotoluene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2-Chlorophenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2-Methylnaphthalene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2-Methylphenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2-Nitroaniline	<2300		2300		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
2-Nitrophenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
3 & 4 Methylphenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
3,3'-Dichlorobenzidine	<880		880		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
4,6-Dinitro-2-methylphenol	<2300		2300		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
4-Bromophenyl phenyl ether	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
4-Chloro-3-methylphenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
4-Chloroaniline	<880		880		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
4-Chlorophenyl phenyl ether	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
4-Nitroaniline	<2300		2300		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
4-Nitrophenol	<2300		2300		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Acenaphthene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Acenaphthylene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Anthracene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Benzidine	<3600		3600		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Benzo[a]anthracene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Benzo[a]pyrene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Benzo[b]fluoranthene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Benzo[g,h,i]perylene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Benzo[k]fluoranthene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Bis(2-chloroethoxy)methane	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Bis(2-chloroethyl)ether	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Bis(2-ethylhexyl) phthalate	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Butyl benzyl phthalate	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Chrysene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Di-n-butyl phthalate	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Di-n-octyl phthalate	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Dibenz(a,h)anthracene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Dibenzofuran	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Diethyl phthalate	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Dimethyl phthalate	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Dinoseb	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Fluoranthene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Fluorene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Hexachlorobenzene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Hexachlorobutadiene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Hexachlorocyclopentadiene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Hexachloroethane	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Indeno[1,2,3-cd]pyrene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Isophorone	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
N-Nitrosodi-n-propylamine	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
N-Nitrosodiphenylamine	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Naphthalene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-13 3'-6'
Date Collected: 05/30/12 09:37
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-10
Matrix: Solid
Percent Solids: 75.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Pentachlorophenol	<2300		2300		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Phenanthrene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Phenol	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Pyrene	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
Carbazole	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5
N-Nitrosodimethylamine	<440		440		ug/Kg	☼	05/31/12 12:00	05/31/12 22:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 22:17*	*5*
2-Fluorobiphenyl	*81*		*31 - 130*	*05/31/12 12:00*	*05/31/12 22:17*	*5*
2-Fluorophenol (Surr)	*50*		*10 - 128*	*05/31/12 12:00*	*05/31/12 22:17*	*5*
Nitrobenzene-d5 (Surr)	*55*		*35 - 130*	*05/31/12 12:00*	*05/31/12 22:17*	*5*
Phenol-d5 (Surr)	*56*		*29 - 130*	*05/31/12 12:00*	*05/31/12 22:17*	*5*
Terphenyl-d14 (Surr)	*76*		*37 - 149*	*05/31/12 12:00*	*05/31/12 22:17*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<44		44		ug/Kg	☼	05/31/12 09:00	05/31/12 17:54	5
PCB-1221	<89		89		ug/Kg	☼	05/31/12 09:00	05/31/12 17:54	5
PCB-1232	<44		44		ug/Kg	☼	05/31/12 09:00	05/31/12 17:54	5
PCB-1242	<44		44		ug/Kg	☼	05/31/12 09:00	05/31/12 17:54	5
PCB-1248	<44		44		ug/Kg	☼	05/31/12 09:00	05/31/12 17:54	5
PCB-1254	<44		44		ug/Kg	☼	05/31/12 09:00	05/31/12 17:54	5
PCB-1260	<44		44		ug/Kg	☼	05/31/12 09:00	05/31/12 17:54	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*30 - 150*	*05/31/12 09:00*	*05/31/12 17:54*	*5*
Tetrachloro-m-xylene	*58*		*30 - 150*	*05/31/12 09:00*	*05/31/12 17:54*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.1		1.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Arsenic	**21**		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Beryllium	<0.46		0.46		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Cadmium	**1.1**		0.57		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Chromium	**6.5**		1.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Copper	**65**		2.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Lead	**220**		0.86		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Nickel	**32**		4.6		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Selenium	<1.7		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Antimony	**5.4**		2.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Thallium	<1.7		1.7		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1
Zinc	**200**		2.3		mg/Kg	☼	05/31/12 09:00	05/31/12 19:41	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.51**		0.014		mg/Kg	☼	05/31/12 10:25	06/01/12 12:56	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-14 0'-3'
Date Collected: 05/30/12 10:05
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-11
Matrix: Solid
Percent Solids: 83.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,1,1-Trichloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,1,2-Trichloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,1-Dichloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,1-Dichloroethene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,2-Dichloroethane	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,2-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,3-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,4-Dichlorobenzene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
cis-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
1,2-Dichloropropane	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Acetone	<60		60		ug/Kg	☼		06/01/12 20:20	1
Benzene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Bromoform	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Bromomethane	<12		12		ug/Kg	☼		06/01/12 20:20	1
Carbon disulfide	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Carbon tetrachloride	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Chlorobenzene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Chlorodibromomethane	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Chloroethane	<12		12		ug/Kg	☼		06/01/12 20:20	1
Chloromethane	<12		12		ug/Kg	☼		06/01/12 20:20	1
Chloroform	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Dichlorobromomethane	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Ethylbenzene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
2-Hexanone	<30		30		ug/Kg	☼		06/01/12 20:20	1
Methylene Chloride	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
4-Methyl-2-pentanone (MIBK)	<30		30		ug/Kg	☼		06/01/12 20:20	1
2-Butanone (MEK)	<30		30		ug/Kg	☼		06/01/12 20:20	1
o-Xylene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Xylenes, Total	<18		18		ug/Kg	☼		06/01/12 20:20	1
Styrene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Trichloroethene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Toluene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
Vinyl chloride	<12		12		ug/Kg	☼		06/01/12 20:20	1
trans-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
trans-1,2-Dichloroethene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
cis-1,3-Dichloropropene	<6.0		6.0		ug/Kg	☼		06/01/12 20:20	1
m-Xylene & p-Xylene	<12		12		ug/Kg	☼		06/01/12 20:20	1
Tetrachloroethene	**7.7**		6.0		ug/Kg	☼		06/01/12 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*101*		*30 - 140*		*06/01/12 20:20*	*1*
4-Bromofluorobenzene	*68*		*30 - 126*		*06/01/12 20:20*	*1*
Toluene-d8 (Surr)	*95*		*42 - 130*		*06/01/12 20:20*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
1,2-Dichlorobenzene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
1,3-Dichlorobenzene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
1,4-Dichlorobenzene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-14 0'-3'
Date Collected: 05/30/12 10:05
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-11
Matrix: Solid
Percent Solids: 83.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2,4,5-Trichlorophenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2,4,6-Trichlorophenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2,4-Dichlorophenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2,4-Dimethylphenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2,4-Dinitrophenol	<2000		2000		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2,4-Dinitrotoluene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2,6-Dinitrotoluene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2-Chlorophenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2-Methylnaphthalene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2-Methylphenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2-Nitroaniline	<2000		2000		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
2-Nitrophenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
3 & 4 Methylphenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
3,3'-Dichlorobenzidine	<790		790		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
4,6-Dinitro-2-methylphenol	<2000		2000		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
4-Bromophenyl phenyl ether	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
4-Chloro-3-methylphenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
4-Chloroaniline	<790		790		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
4-Chlorophenyl phenyl ether	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
4-Nitroaniline	<2000		2000		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
4-Nitrophenol	<2000		2000		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Acenaphthene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Acenaphthylene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Anthracene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Benzidine	<3200		3200		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Benzo[a]anthracene	**1300**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Benzo[a]pyrene	**1500**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Benzo[b]fluoranthene	**2100**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Benzo[g,h,i]perylene	**1100**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Benzo[k]fluoranthene	**600**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Bis(2-chloroethoxy)methane	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Bis(2-chloroethyl)ether	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Bis(2-ethylhexyl) phthalate	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Butyl benzyl phthalate	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Chrysene	**1600**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Di-n-butyl phthalate	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Di-n-octyl phthalate	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Dibenz(a,h)anthracene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Dibenzofuran	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Diethyl phthalate	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Dimethyl phthalate	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Dinoseb	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Fluoranthene	**2500**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Fluorene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Hexachlorobenzene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Hexachlorobutadiene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Hexachlorocyclopentadiene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Hexachloroethane	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Indeno[1,2,3-cd]pyrene	**910**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Isophorone	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-14 0'-3'
Date Collected: 05/30/12 10:05
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-11
Matrix: Solid
Percent Solids: 83.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
N-Nitrosodiphenylamine	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Naphthalene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Nitrobenzene	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Pentachlorophenol	<2000		2000		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Phenanthrene	**950**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Phenol	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Pyrene	**2100**		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
Carbazole	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5
N-Nitrosodimethylamine	<400		400		ug/Kg	☼	05/31/12 12:00	05/31/12 22:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 22:48*	*5*
2-Fluorobiphenyl	*64*		*31 - 130*	*05/31/12 12:00*	*05/31/12 22:48*	*5*
2-Fluorophenol (Surr)	*48*		*10 - 128*	*05/31/12 12:00*	*05/31/12 22:48*	*5*
Nitrobenzene-d5 (Surr)	*45*		*35 - 130*	*05/31/12 12:00*	*05/31/12 22:48*	*5*
Phenol-d5 (Surr)	*40*		*29 - 130*	*05/31/12 12:00*	*05/31/12 22:48*	*5*
Terphenyl-d14 (Surr)	*65*		*37 - 149*	*05/31/12 12:00*	*05/31/12 22:48*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<40		40		ug/Kg	☼	05/31/12 09:00	05/31/12 18:25	5
PCB-1221	<80		80		ug/Kg	☼	05/31/12 09:00	05/31/12 18:25	5
PCB-1232	<40		40		ug/Kg	☼	05/31/12 09:00	05/31/12 18:25	5
PCB-1242	<40		40		ug/Kg	☼	05/31/12 09:00	05/31/12 18:25	5
PCB-1248	<40		40		ug/Kg	☼	05/31/12 09:00	05/31/12 18:25	5
PCB-1254	<40		40		ug/Kg	☼	05/31/12 09:00	05/31/12 18:25	5
PCB-1260	<40		40		ug/Kg	☼	05/31/12 09:00	05/31/12 18:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*30 - 150*	*05/31/12 09:00*	*05/31/12 18:25*	*5*
Tetrachloro-m-xylene	*59*		*30 - 150*	*05/31/12 09:00*	*05/31/12 18:25*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.1		1.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Arsenic	**25**		1.6		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Beryllium	<0.42		0.42		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Cadmium	**3.3**		0.53		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Chromium	**16**		1.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Copper	**400**		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Lead	**380**		0.79		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Nickel	**13**		4.2		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Selenium	<1.6		1.6		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Antimony	**10**		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Thallium	<1.6		1.6		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1
Zinc	**1000**		2.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:45	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.33**		0.014		mg/Kg	☼	05/31/12 10:25	06/01/12 12:58	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-14 3'- 6'
Date Collected: 05/30/12 10:11
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-12
Matrix: Solid
Percent Solids: 62.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,1,1-Trichloroethane	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,1,2-Trichloroethane	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,1-Dichloroethane	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,1-Dichloroethene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,2-Dichloroethane	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,2-Dichlorobenzene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,3-Dichlorobenzene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,4-Dichlorobenzene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
cis-1,2-Dichloroethene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
1,2-Dichloropropane	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Acetone	160		79		ug/Kg	☼		06/01/12 20:52	1
Benzene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Bromoform	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Bromomethane	<16		16		ug/Kg	☼		06/01/12 20:52	1
Carbon disulfide	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Carbon tetrachloride	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Chlorobenzene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Chlorodibromomethane	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Chloroethane	<16		16		ug/Kg	☼		06/01/12 20:52	1
Chloromethane	<16		16		ug/Kg	☼		06/01/12 20:52	1
Chloroform	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Dichlorobromomethane	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Ethylbenzene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
2-Hexanone	<39		39		ug/Kg	☼		06/01/12 20:52	1
Methylene Chloride	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
4-Methyl-2-pentanone (MIBK)	<39		39		ug/Kg	☼		06/01/12 20:52	1
2-Butanone (MEK)	<39		39		ug/Kg	☼		06/01/12 20:52	1
o-Xylene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Xylenes, Total	<24		24		ug/Kg	☼		06/01/12 20:52	1
Styrene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Trichloroethene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Toluene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
Vinyl chloride	<16		16		ug/Kg	☼		06/01/12 20:52	1
trans-1,3-Dichloropropene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
trans-1,2-Dichloroethene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
cis-1,3-Dichloropropene	<7.9		7.9		ug/Kg	☼		06/01/12 20:52	1
m-Xylene & p-Xylene	<16		16		ug/Kg	☼		06/01/12 20:52	1
Tetrachloroethene	10		7.9		ug/Kg	☼		06/01/12 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*102*		*30 - 140*		*06/01/12 20:52*	*1*
4-Bromofluorobenzene	*80*		*30 - 126*		*06/01/12 20:52*	*1*
Toluene-d8 (Surr)	*96*		*42 - 130*		*06/01/12 20:52*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
1,2-Dichlorobenzene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
1,3-Dichlorobenzene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
1,4-Dichlorobenzene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-14 3'-6'
Date Collected: 05/30/12 10:11
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-12
Matrix: Solid
Percent Solids: 62.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2,4,5-Trichlorophenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2,4,6-Trichlorophenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2,4-Dichlorophenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2,4-Dimethylphenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2,4-Dinitrophenol	<2700		2700		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2,4-Dinitrotoluene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2,6-Dinitrotoluene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2-Chlorophenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2-Methylnaphthalene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2-Methylphenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2-Nitroaniline	<2700		2700		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
2-Nitrophenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
3 & 4 Methylphenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
3,3'-Dichlorobenzidine	<1000		1000		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
4,6-Dinitro-2-methylphenol	<2700		2700		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
4-Bromophenyl phenyl ether	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
4-Chloro-3-methylphenol	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
4-Chloroaniline	<1000		1000		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
4-Chlorophenyl phenyl ether	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
4-Nitroaniline	<2700		2700		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
4-Nitrophenol	<2700		2700		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Acenaphthene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Acenaphthylene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Anthracene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Benzidine	<4300		4300		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Benzo[a]anthracene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Benzo[a]pyrene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Benzo[b]fluoranthene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Benzo[g,h,i]perylene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Benzo[k]fluoranthene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Bis(2-chloroethoxy)methane	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Bis(2-chloroethyl)ether	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Bis(2-ethylhexyl) phthalate	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Butyl benzyl phthalate	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Chrysene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Di-n-butyl phthalate	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Di-n-octyl phthalate	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Dibenz(a,h)anthracene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Dibenzofuran	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Diethyl phthalate	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Dimethyl phthalate	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Dinoseb	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Fluoranthene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Fluorene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Hexachlorobenzene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Hexachlorobutadiene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Hexachlorocyclopentadiene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Hexachloroethane	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Indeno[1,2,3-cd]pyrene	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5
Isophorone	<520		520		ug/Kg	☼	05/31/12 12:00	05/31/12 23:19	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-14 3'-6'
Date Collected: 05/30/12 10:11
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-12
Matrix: Solid
Percent Solids: 62.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
N-Nitrosodiphenylamine	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
Naphthalene	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
Nitrobenzene	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
Pentachlorophenol	<2700		2700		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
Phenanthrene	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
Phenol	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
Pyrene	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
Carbazole	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5
N-Nitrosodimethylamine	<520		520		ug/Kg		05/31/12 12:00	05/31/12 23:19	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 23:19*	*5*
2-Fluorobiphenyl	*76*		*31 - 130*	*05/31/12 12:00*	*05/31/12 23:19*	*5*
2-Fluorophenol (Surr)	*37*		*10 - 128*	*05/31/12 12:00*	*05/31/12 23:19*	*5*
Nitrobenzene-d5 (Surr)	*52*		*35 - 130*	*05/31/12 12:00*	*05/31/12 23:19*	*5*
Phenol-d5 (Surr)	*62*		*29 - 130*	*05/31/12 12:00*	*05/31/12 23:19*	*5*
Terphenyl-d14 (Surr)	*73*		*37 - 149*	*05/31/12 12:00*	*05/31/12 23:19*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<52		52		ug/Kg		05/31/12 09:00	05/31/12 18:56	5
PCB-1221	<110		110		ug/Kg		05/31/12 09:00	05/31/12 18:56	5
PCB-1232	<52		52		ug/Kg		05/31/12 09:00	05/31/12 18:56	5
PCB-1242	<52		52		ug/Kg		05/31/12 09:00	05/31/12 18:56	5
PCB-1248	<52		52		ug/Kg		05/31/12 09:00	05/31/12 18:56	5
PCB-1254	<52		52		ug/Kg		05/31/12 09:00	05/31/12 18:56	5
PCB-1260	<52		52		ug/Kg		05/31/12 09:00	05/31/12 18:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*30 - 150*	*05/31/12 09:00*	*05/31/12 18:56*	*5*
Tetrachloro-m-xylene	*60*		*30 - 150*	*05/31/12 09:00*	*05/31/12 18:56*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.4		1.4		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Arsenic	**14**		2.1		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Beryllium	<0.57		0.57		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Cadmium	**1.1**		0.71		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Chromium	**6.5**		1.4		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Copper	**150**		2.8		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Lead	**680**		1.1		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Nickel	**6.8**		5.7		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Selenium	<2.1		2.1		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Antimony	<2.8		2.8		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Thallium	<2.1		2.1		mg/Kg		05/31/12 09:00	05/31/12 19:48	1
Zinc	**240**		2.8		mg/Kg		05/31/12 09:00	05/31/12 19:48	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.4**		0.097		mg/Kg		05/31/12 10:25	06/01/12 13:14	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-15 0'-3'
Date Collected: 05/30/12 10:30
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-13
Matrix: Solid
Percent Solids: 87.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,1,1-Trichloroethane	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,1,2-Trichloroethane	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,1-Dichloroethane	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,1-Dichloroethene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,2-Dichloroethane	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,2-Dichlorobenzene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,3-Dichlorobenzene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,4-Dichlorobenzene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
cis-1,2-Dichloroethene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
1,2-Dichloropropane	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Acetone	<57		57		ug/Kg	☼		06/01/12 21:23	1
Benzene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Bromoform	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Bromomethane	<11		11		ug/Kg	☼		06/01/12 21:23	1
Carbon disulfide	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Carbon tetrachloride	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Chlorobenzene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Chlorodibromomethane	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Chloroethane	<11		11		ug/Kg	☼		06/01/12 21:23	1
Chloromethane	<11		11		ug/Kg	☼		06/01/12 21:23	1
Chloroform	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Dichlorobromomethane	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Ethylbenzene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
2-Hexanone	<29		29		ug/Kg	☼		06/01/12 21:23	1
Methylene Chloride	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
4-Methyl-2-pentanone (MIBK)	<29		29		ug/Kg	☼		06/01/12 21:23	1
2-Butanone (MEK)	<29		29		ug/Kg	☼		06/01/12 21:23	1
o-Xylene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Xylenes, Total	<17		17		ug/Kg	☼		06/01/12 21:23	1
Styrene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Trichloroethene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Toluene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
Vinyl chloride	<11		11		ug/Kg	☼		06/01/12 21:23	1
trans-1,3-Dichloropropene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
trans-1,2-Dichloroethene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
cis-1,3-Dichloropropene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1
m-Xylene & p-Xylene	<11		11		ug/Kg	☼		06/01/12 21:23	1
Tetrachloroethene	<5.7		5.7		ug/Kg	☼		06/01/12 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*95*		*30 - 140*		*06/01/12 21:23*	*1*
4-Bromofluorobenzene	*91*		*30 - 126*		*06/01/12 21:23*	*1*
Toluene-d8 (Surr)	*97*		*42 - 130*		*06/01/12 21:23*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
1,2-Dichlorobenzene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
1,3-Dichlorobenzene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
1,4-Dichlorobenzene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-15 0'-3'
Date Collected: 05/30/12 10:30
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-13
Matrix: Solid
Percent Solids: 87.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2,4,5-Trichlorophenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2,4,6-Trichlorophenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2,4-Dichlorophenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2,4-Dimethylphenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2,4-Dinitrophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2,4-Dinitrotoluene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2,6-Dinitrotoluene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2-Chlorophenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2-Methylnaphthalene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2-Methylphenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2-Nitroaniline	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
2-Nitrophenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
3 & 4 Methylphenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
3,3'-Dichlorobenzidine	<760		760		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
4,6-Dinitro-2-methylphenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
4-Bromophenyl phenyl ether	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
4-Chloro-3-methylphenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
4-Chloroaniline	<760		760		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
4-Chlorophenyl phenyl ether	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
4-Nitroaniline	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
4-Nitrophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Acenaphthene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Acenaphthylene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Anthracene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Benzidine	<3100		3100		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Benzo[a]anthracene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Benzo[a]pyrene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Benzo[b]fluoranthene	**570**		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Benzo[g,h,i]perylene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Benzo[k]fluoranthene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Bis(2-chloroethoxy)methane	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Bis(2-chloroethyl)ether	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Bis(2-ethylhexyl) phthalate	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Butyl benzyl phthalate	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Chrysene	**570**		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Di-n-butyl phthalate	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Di-n-octyl phthalate	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Dibenz(a,h)anthracene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Dibenzofuran	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Diethyl phthalate	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Dimethyl phthalate	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Dinoseb	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Fluoranthene	**810**		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Fluorene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Hexachlorobenzene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Hexachlorobutadiene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Hexachlorocyclopentadiene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Hexachloroethane	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Indeno[1,2,3-cd]pyrene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Isophorone	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-15 0'-3'
Date Collected: 05/30/12 10:30
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-13
Matrix: Solid
Percent Solids: 87.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
N-Nitrosodiphenylamine	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Naphthalene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Nitrobenzene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Pentachlorophenol	<1900		1900		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Phenanthrene	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Phenol	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Pyrene	**780**		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
Carbazole	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5
N-Nitrosodimethylamine	<380		380		ug/Kg	☼	05/31/12 12:00	05/31/12 23:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 23:50*	*5*
2-Fluorobiphenyl	*63*		*31 - 130*	*05/31/12 12:00*	*05/31/12 23:50*	*5*
2-Fluorophenol (Surr)	*39*		*10 - 128*	*05/31/12 12:00*	*05/31/12 23:50*	*5*
Nitrobenzene-d5 (Surr)	*48*		*35 - 130*	*05/31/12 12:00*	*05/31/12 23:50*	*5*
Phenol-d5 (Surr)	*57*		*29 - 130*	*05/31/12 12:00*	*05/31/12 23:50*	*5*
Terphenyl-d14 (Surr)	*71*		*37 - 149*	*05/31/12 12:00*	*05/31/12 23:50*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<38		38		ug/Kg	☼	05/31/12 09:00	05/31/12 19:28	5
PCB-1221	<77		77		ug/Kg	☼	05/31/12 09:00	05/31/12 19:28	5
PCB-1232	<38		38		ug/Kg	☼	05/31/12 09:00	05/31/12 19:28	5
PCB-1242	<38		38		ug/Kg	☼	05/31/12 09:00	05/31/12 19:28	5
PCB-1248	<38		38		ug/Kg	☼	05/31/12 09:00	05/31/12 19:28	5
PCB-1254	<38		38		ug/Kg	☼	05/31/12 09:00	05/31/12 19:28	5
PCB-1260	**62**		38		ug/Kg	☼	05/31/12 09:00	05/31/12 19:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*46*		*30 - 150*	*05/31/12 09:00*	*05/31/12 19:28*	*5*
Tetrachloro-m-xylene	*45*		*30 - 150*	*05/31/12 09:00*	*05/31/12 19:28*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.0		1.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Arsenic	**6.5**		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Beryllium	<0.41		0.41		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Cadmium	**3.6**		0.51		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Chromium	**20**		1.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Copper	**96**		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Lead	**110**		0.77		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Nickel	**10**		4.1		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Selenium	<1.5		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Antimony	<2.0		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Thallium	<1.5		1.5		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1
Zinc	**690**		2.0		mg/Kg	☼	05/31/12 09:00	05/31/12 19:51	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.27**		0.015		mg/Kg	☼	05/31/12 10:25	06/01/12 13:03	1

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-15 3'-5.5'
Date Collected: 05/30/12 10:33
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-14
Matrix: Solid
Percent Solids: 78.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,1,1-Trichloroethane	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,1,2-Trichloroethane	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,1-Dichloroethane	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,1-Dichloroethene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,2-Dichloroethane	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,2-Dichlorobenzene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,3-Dichlorobenzene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,4-Dichlorobenzene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
cis-1,2-Dichloroethene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
1,2-Dichloropropane	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Acetone	**84**		63		ug/Kg	☼		06/01/12 21:55	1
Benzene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Bromoform	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Bromomethane	<13		13		ug/Kg	☼		06/01/12 21:55	1
Carbon disulfide	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Carbon tetrachloride	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Chlorobenzene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Chlorodibromomethane	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Chloroethane	<13		13		ug/Kg	☼		06/01/12 21:55	1
Chloromethane	<13		13		ug/Kg	☼		06/01/12 21:55	1
Chloroform	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Dichlorobromomethane	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Ethylbenzene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
2-Hexanone	<32		32		ug/Kg	☼		06/01/12 21:55	1
Methylene Chloride	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
4-Methyl-2-pentanone (MIBK)	<32		32		ug/Kg	☼		06/01/12 21:55	1
2-Butanone (MEK)	<32		32		ug/Kg	☼		06/01/12 21:55	1
o-Xylene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Xylenes, Total	<19		19		ug/Kg	☼		06/01/12 21:55	1
Styrene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Trichloroethene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Toluene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
Vinyl chloride	<13		13		ug/Kg	☼		06/01/12 21:55	1
trans-1,3-Dichloropropene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
trans-1,2-Dichloroethene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
cis-1,3-Dichloropropene	<6.3		6.3		ug/Kg	☼		06/01/12 21:55	1
m-Xylene & p-Xylene	<13		13		ug/Kg	☼		06/01/12 21:55	1
Tetrachloroethene	**7.3**		6.3		ug/Kg	☼		06/01/12 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*100*		*30 - 140*		*06/01/12 21:55*	*1*
4-Bromofluorobenzene	*68*		*30 - 126*		*06/01/12 21:55*	*1*
Toluene-d8 (Surr)	*91*		*42 - 130*		*06/01/12 21:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
1,2-Dichlorobenzene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
1,3-Dichlorobenzene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
1,4-Dichlorobenzene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-15 3'-5.5'
Date Collected: 05/30/12 10:33
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-14
Matrix: Solid
Percent Solids: 78.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**670**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2,4,5-Trichlorophenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2,4,6-Trichlorophenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2,4-Dichlorophenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2,4-Dimethylphenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2,4-Dinitrophenol	<2200		2200		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2,4-Dinitrotoluene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2,6-Dinitrotoluene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2-Chlorophenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2-Methylnaphthalene	**760**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2-Methylphenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2-Nitroaniline	<2200		2200		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
2-Nitrophenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
3 & 4 Methylphenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
3,3'-Dichlorobenzidine	<840		840		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
4,6-Dinitro-2-methylphenol	<2200		2200		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
4-Bromophenyl phenyl ether	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
4-Chloro-3-methylphenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
4-Chloroaniline	<840		840		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
4-Chlorophenyl phenyl ether	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
4-Nitroaniline	<2200		2200		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
4-Nitrophenol	<2200		2200		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Acenaphthene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Acenaphthylene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Anthracene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Benzidine	<3400		3400		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Benzo[a]anthracene	**700**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Benzo[a]pyrene	**660**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Benzo[b]fluoranthene	**970**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Benzo[g,h,i]perylene	**460**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Benzo[k]fluoranthene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Bis(2-chloroethoxy)methane	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Bis(2-chloroethyl)ether	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Bis(2-ethylhexyl) phthalate	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Butyl benzyl phthalate	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Chrysene	**930**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Di-n-butyl phthalate	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Di-n-octyl phthalate	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Dibenz(a,h)anthracene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Dibenzofuran	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Diethyl phthalate	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Dimethyl phthalate	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Dinoseb	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Fluoranthene	**1400**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Fluorene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Hexachlorobenzene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Hexachlorobutadiene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Hexachlorocyclopentadiene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Hexachloroethane	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Indeno[1,2,3-cd]pyrene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Isophorone	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-15 3'-5.5'
Date Collected: 05/30/12 10:33
Date Received: 05/30/12 11:56

Lab Sample ID: 700-68015-14
Matrix: Solid
Percent Solids: 78.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
N-Nitrosodiphenylamine	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Naphthalene	**420**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Nitrobenzene	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Pentachlorophenol	<2200		2200		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Phenanthrene	**1200**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Phenol	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Pyrene	**1200**		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
Carbazole	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5
N-Nitrosodimethylamine	<420		420		ug/Kg	☼	05/31/12 12:00	06/01/12 00:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*5.0 - 130*	*05/31/12 12:00*	*06/01/12 00:22*	*5*
2-Fluorobiphenyl	*55*		*31 - 130*	*05/31/12 12:00*	*06/01/12 00:22*	*5*
2-Fluorophenol (Surr)	*40*		*10 - 128*	*05/31/12 12:00*	*06/01/12 00:22*	*5*
Nitrobenzene-d5 (Surr)	*45*		*35 - 130*	*05/31/12 12:00*	*06/01/12 00:22*	*5*
Phenol-d5 (Surr)	*56*		*29 - 130*	*05/31/12 12:00*	*06/01/12 00:22*	*5*
Terphenyl-d14 (Surr)	*63*		*37 - 149*	*05/31/12 12:00*	*06/01/12 00:22*	*5*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<42		42		ug/Kg	☼	05/31/12 09:00	05/31/12 19:59	5
PCB-1221	<85		85		ug/Kg	☼	05/31/12 09:00	05/31/12 19:59	5
PCB-1232	<42		42		ug/Kg	☼	05/31/12 09:00	05/31/12 19:59	5
PCB-1242	<42		42		ug/Kg	☼	05/31/12 09:00	05/31/12 19:59	5
PCB-1248	<42		42		ug/Kg	☼	05/31/12 09:00	05/31/12 19:59	5
PCB-1254	<42		42		ug/Kg	☼	05/31/12 09:00	05/31/12 19:59	5
PCB-1260	<42		42		ug/Kg	☼	05/31/12 09:00	05/31/12 19:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*		*30 - 150*	*05/31/12 09:00*	*05/31/12 19:59*	*5*
Tetrachloro-m-xylene	*43*		*30 - 150*	*05/31/12 09:00*	*05/31/12 19:59*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.2		1.2		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Arsenic	**16**		1.8		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Beryllium	<0.49		0.49		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Cadmium	**0.80**		0.61		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Chromium	**13**		1.2		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Copper	**150**		2.4		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Lead	**170**		0.92		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Nickel	**13**		4.9		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Selenium	<1.8		1.8		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Antimony	<2.4		2.4		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Thallium	<1.8		1.8		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1
Zinc	**420**		2.4		mg/Kg	☼	05/31/12 09:00	05/31/12 20:04	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.016		mg/Kg	☼	05/31/12 10:25	06/01/12 13:05	1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 700-117614/6
Matrix: Solid
Analysis Batch: 117614

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Acetone	<50		50		ug/Kg			05/30/12 19:46	1
Benzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Bromoform	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Bromomethane	<10		10		ug/Kg			05/30/12 19:46	1
Carbon disulfide	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Chlorobenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Chloroethane	<10		10		ug/Kg			05/30/12 19:46	1
Chloromethane	<10		10		ug/Kg			05/30/12 19:46	1
Chloroform	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Dichlorobromomethane	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Ethylbenzene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
2-Hexanone	<25		25		ug/Kg			05/30/12 19:46	1
Methylene Chloride	<5.0		5.0		ug/Kg			05/30/12 19:46	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/Kg			05/30/12 19:46	1
2-Butanone (MEK)	<25		25		ug/Kg			05/30/12 19:46	1
o-Xylene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Xylenes, Total	<15		15		ug/Kg			05/30/12 19:46	1
Styrene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Trichloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Toluene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
Vinyl chloride	<10		10		ug/Kg			05/30/12 19:46	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/30/12 19:46	1
m-Xylene & p-Xylene	<10		10		ug/Kg			05/30/12 19:46	1
Tetrachloroethene	<5.0		5.0		ug/Kg			05/30/12 19:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*86*		*30 - 140*		*05/30/12 19:46*	*1*
4-Bromofluorobenzene	*95*		*30 - 126*		*05/30/12 19:46*	*1*
Toluene-d8 (Surr)	*101*		*42 - 130*		*05/30/12 19:46*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 700-117614/4
Matrix: Solid
Analysis Batch: 117614

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	22.3		ug/Kg		89	38 - 154
1,1,1-Trichloroethane	25.0	30.7		ug/Kg		123	64 - 148
1,1,2-Trichloroethane	25.0	26.4		ug/Kg		105	50 - 143
1,1-Dichloroethane	25.0	30.3		ug/Kg		121	56 - 148
1,1-Dichloroethene	25.0	27.6		ug/Kg		110	48 - 154
1,2-Dichloroethane	25.0	25.8		ug/Kg		103	58 - 147
1,2-Dichlorobenzene	25.0	27.2		ug/Kg		109	64 - 146
1,3-Dichlorobenzene	25.0	28.1		ug/Kg		112	64 - 135
1,4-Dichlorobenzene	25.0	28.4		ug/Kg		114	49 - 139
cis-1,2-Dichloroethene	25.0	22.0		ug/Kg		88	50 - 150
1,2-Dichloropropane	25.0	26.3		ug/Kg		105	63 - 134
Benzene	25.0	27.5		ug/Kg		110	69 - 137
Bromoform	25.0	23.9		ug/Kg		96	42 - 144
Carbon tetrachloride	25.0	31.3		ug/Kg		125	50 - 150
Chlorobenzene	25.0	28.8		ug/Kg		115	70 - 138
Chlorodibromomethane	25.0	24.9		ug/Kg		100	50 - 137
Chloroform	25.0	29.8		ug/Kg		119	65 - 136
Dichlorobromomethane	25.0	26.3		ug/Kg		105	50 - 150
Ethylbenzene	25.0	28.3		ug/Kg		113	72 - 145
Methylene Chloride	25.0	23.6		ug/Kg		95	58 - 145
o-Xylene	25.0	26.0		ug/Kg		104	50 - 150
Trichloroethene	25.0	31.2		ug/Kg		125	68 - 138
Toluene	25.0	28.6		ug/Kg		115	66 - 141
trans-1,3-Dichloropropene	25.0	24.0		ug/Kg		96	56 - 140
trans-1,2-Dichloroethene	25.0	31.1		ug/Kg		124	61 - 149
cis-1,3-Dichloropropene	25.0	25.1		ug/Kg		100	50 - 150
m-Xylene & p-Xylene	50.0	49.0		ug/Kg		98	50 - 150
Tetrachloroethene	25.0	31.0		ug/Kg		124	61 - 141

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*102*		*30 - 140*
4-Bromofluorobenzene	*97*		*30 - 126*
Toluene-d8 (Surr)	*99*		*42 - 130*

Lab Sample ID: LCSD 700-117614/5
Matrix: Solid
Analysis Batch: 117614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	25.0	21.3		ug/Kg		85	38 - 154	5	28
1,1,1-Trichloroethane	25.0	30.0		ug/Kg		120	64 - 148	2	54
1,1,2-Trichloroethane	25.0	26.6		ug/Kg		106	50 - 143	1	27
1,1-Dichloroethane	25.0	29.4		ug/Kg		117	56 - 148	3	38
1,1-Dichloroethene	25.0	29.4		ug/Kg		118	48 - 154	6	46
1,2-Dichloroethane	25.0	25.1		ug/Kg		100	58 - 147	3	25
1,2-Dichlorobenzene	25.0	23.9		ug/Kg		95	64 - 146	13	28
1,3-Dichlorobenzene	25.0	24.9		ug/Kg		99	64 - 135	12	34
1,4-Dichlorobenzene	25.0	25.4		ug/Kg		102	49 - 139	11	36
cis-1,2-Dichloroethene	25.0	20.9		ug/Kg		83	50 - 150	5	37

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 700-117614/5
Matrix: Solid
Analysis Batch: 117614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane			25.0	25.4		ug/Kg		102	63 - 134	3	27
Benzene			25.0	26.5		ug/Kg		106	69 - 137	4	42
Bromoform			25.0	23.3		ug/Kg		93	42 - 144	2	24
Carbon tetrachloride			25.0	30.2		ug/Kg		121	50 - 150	4	59
Chlorobenzene			25.0	26.4		ug/Kg		106	70 - 138	9	34
Chlorodibromomethane			25.0	23.3		ug/Kg		93	50 - 137	7	22
Chloroform			25.0	28.8		ug/Kg		115	65 - 136	4	38
Dichlorobromomethane			25.0	24.9		ug/Kg		100	50 - 150	5	33
Ethylbenzene			25.0	24.6		ug/Kg		98	72 - 145	14	44
Methylene Chloride			25.0	28.3		ug/Kg		113	58 - 145	18	32
o-Xylene			25.0	23.2		ug/Kg		93	50 - 150	11	32
Trichloroethene			25.0	28.7		ug/Kg		115	68 - 138	8	34
Toluene			25.0	26.6		ug/Kg		107	66 - 141	7	32
trans-1,3-Dichloropropene			25.0	22.3		ug/Kg		89	56 - 140	7	50
trans-1,2-Dichloroethene			25.0	28.9		ug/Kg		115	61 - 149	7	56
cis-1,3-Dichloropropene			25.0	23.8		ug/Kg		95	50 - 150	5	30
m-Xylene & p-Xylene			50.0	42.8		ug/Kg		86	50 - 150	13	43
Tetrachloroethene			25.0	27.5		ug/Kg		110	61 - 141	12	44

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane	*101*		*30 - 140*
4-Bromofluorobenzene	*99*		*30 - 126*
Toluene-d8 (Surr)	*99*		*42 - 130*

Lab Sample ID: MB 700-117645/6
Matrix: Solid
Analysis Batch: 117645

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Acetone	<50		50		ug/Kg			05/31/12 20:44	1
Benzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Bromoform	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Bromomethane	<10		10		ug/Kg			05/31/12 20:44	1
Carbon disulfide	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Chlorobenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Chloroethane	<10		10		ug/Kg			05/31/12 20:44	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 700-117645/6
Matrix: Solid
Analysis Batch: 117645

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<10		10		ug/Kg			05/31/12 20:44	1
Chloroform	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Dichlorobromomethane	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Ethylbenzene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
2-Hexanone	<25		25		ug/Kg			05/31/12 20:44	1
Methylene Chloride	<5.0		5.0		ug/Kg			05/31/12 20:44	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/Kg			05/31/12 20:44	1
2-Butanone (MEK)	<25		25		ug/Kg			05/31/12 20:44	1
o-Xylene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Xylenes, Total	<15		15		ug/Kg			05/31/12 20:44	1
Styrene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Trichloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Toluene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
Vinyl chloride	<10		10		ug/Kg			05/31/12 20:44	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/31/12 20:44	1
m-Xylene & p-Xylene	<10		10		ug/Kg			05/31/12 20:44	1
Tetrachloroethene	<5.0		5.0		ug/Kg			05/31/12 20:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*110*		*30 - 140*		*05/31/12 20:44*	*1*
4-Bromofluorobenzene	*96*		*30 - 126*		*05/31/12 20:44*	*1*
Toluene-d8 (Surr)	*98*		*42 - 130*		*05/31/12 20:44*	*1*

Lab Sample ID: LCS 700-117645/4
Matrix: Solid
Analysis Batch: 117645

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	22.6		ug/Kg		91	38 - 154
1,1,1-Trichloroethane	25.0	25.4		ug/Kg		101	64 - 148
1,1,2-Trichloroethane	25.0	24.7		ug/Kg		99	50 - 143
1,1-Dichloroethane	25.0	32.3		ug/Kg		129	56 - 148
1,1-Dichloroethene	25.0	34.1		ug/Kg		136	48 - 154
1,2-Dichloroethane	25.0	19.3		ug/Kg		77	58 - 147
1,2-Dichlorobenzene	25.0	26.4		ug/Kg		105	64 - 146
1,3-Dichlorobenzene	25.0	25.9		ug/Kg		104	64 - 135
1,4-Dichlorobenzene	25.0	26.5		ug/Kg		106	49 - 139
cis-1,2-Dichloroethene	25.0	23.2		ug/Kg		93	50 - 150
1,2-Dichloropropane	25.0	24.5		ug/Kg		98	63 - 134
Benzene	25.0	25.8		ug/Kg		103	69 - 137
Bromoform	25.0	22.4		ug/Kg		89	42 - 144
Carbon tetrachloride	25.0	24.2		ug/Kg		97	50 - 150
Chlorobenzene	25.0	28.7		ug/Kg		115	70 - 138
Chlorodibromomethane	25.0	23.9		ug/Kg		96	50 - 137
Chloroform	25.0	32.7		ug/Kg		131	65 - 136
Dichlorobromomethane	25.0	22.4		ug/Kg		89	50 - 150
Ethylbenzene	25.0	26.8		ug/Kg		107	72 - 145

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 700-117645/4
Matrix: Solid
Analysis Batch: 117645

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Methylene Chloride			25.0	28.8		ug/Kg		115	58 - 145		
o-Xylene			25.0	25.7		ug/Kg		103	50 - 150		
Trichloroethene			25.0	28.3		ug/Kg		113	68 - 138		
Toluene			25.0	27.0		ug/Kg		108	66 - 141		
trans-1,3-Dichloropropene			25.0	21.1		ug/Kg		85	56 - 140		
trans-1,2-Dichloroethene			25.0	32.5		ug/Kg		130	61 - 149		
cis-1,3-Dichloropropene			25.0	23.4		ug/Kg		93	50 - 150		
m-Xylene & p-Xylene			50.0	45.5		ug/Kg		91	50 - 150		
Tetrachloroethene			25.0	30.1		ug/Kg		120	61 - 141		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*119*		*30 - 140*
4-Bromofluorobenzene	*99*		*30 - 126*
Toluene-d8 (Surr)	*96*		*42 - 130*

Lab Sample ID: LCSD 700-117645/5
Matrix: Solid
Analysis Batch: 117645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			25.0	21.7		ug/Kg		87	38 - 154	4	28
1,1,1-Trichloroethane			25.0	25.6		ug/Kg		103	64 - 148	1	54
1,1,2-Trichloroethane			25.0	24.0		ug/Kg		96	50 - 143	3	27
1,1-Dichloroethane			25.0	30.7		ug/Kg		123	56 - 148	5	38
1,1-Dichloroethene			25.0	32.2		ug/Kg		129	48 - 154	6	46
1,2-Dichloroethane			25.0	20.4		ug/Kg		81	58 - 147	5	25
1,2-Dichlorobenzene			25.0	24.7		ug/Kg		99	64 - 146	7	28
1,3-Dichlorobenzene			25.0	24.2		ug/Kg		97	64 - 135	7	34
1,4-Dichlorobenzene			25.0	24.6		ug/Kg		98	49 - 139	7	36
cis-1,2-Dichloroethene			25.0	22.9		ug/Kg		91	50 - 150	2	37
1,2-Dichloropropane			25.0	23.9		ug/Kg		96	63 - 134	3	27
Benzene			25.0	25.8		ug/Kg		103	69 - 137	0	42
Bromoform			25.0	22.7		ug/Kg		91	42 - 144	1	24
Carbon tetrachloride			25.0	24.6		ug/Kg		99	50 - 150	2	59
Chlorobenzene			25.0	26.8		ug/Kg		107	70 - 138	7	34
Chlorodibromomethane			25.0	23.4		ug/Kg		94	50 - 137	2	22
Chloroform			25.0	31.4		ug/Kg		126	65 - 136	4	38
Dichlorobromomethane			25.0	22.1		ug/Kg		88	50 - 150	1	33
Ethylbenzene			25.0	24.7		ug/Kg		99	72 - 145	8	44
Methylene Chloride			25.0	23.9		ug/Kg		96	58 - 145	19	32
o-Xylene			25.0	23.0		ug/Kg		92	50 - 150	11	32
Trichloroethene			25.0	27.3		ug/Kg		109	68 - 138	4	34
Toluene			25.0	25.8		ug/Kg		103	66 - 141	4	32
trans-1,3-Dichloropropene			25.0	21.0		ug/Kg		84	56 - 140	1	50
trans-1,2-Dichloroethene			25.0	30.2		ug/Kg		121	61 - 149	7	56
cis-1,3-Dichloropropene			25.0	22.7		ug/Kg		91	50 - 150	3	30
m-Xylene & p-Xylene			50.0	42.2		ug/Kg		84	50 - 150	8	43
Tetrachloroethene			25.0	28.6		ug/Kg		114	61 - 141	5	44

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 700-117645/5
Matrix: Solid
Analysis Batch: 117645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane	*113*		*30 - 140*
4-Bromofluorobenzene	*96*		*30 - 126*
Toluene-d8 (Surr)	*97*		*42 - 130*

Lab Sample ID: MB 700-117663/6
Matrix: Solid
Analysis Batch: 117663

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Acetone	<50		50		ug/Kg			05/31/12 10:40	1
Benzene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Bromoform	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Bromomethane	<10		10		ug/Kg			05/31/12 10:40	1
Carbon disulfide	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Chlorobenzene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Chloroethane	<10		10		ug/Kg			05/31/12 10:40	1
Chloromethane	<10		10		ug/Kg			05/31/12 10:40	1
Chloroform	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Dichlorobromomethane	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Ethylbenzene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
2-Hexanone	<25		25		ug/Kg			05/31/12 10:40	1
Methylene Chloride	<5.0		5.0		ug/Kg			05/31/12 10:40	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/Kg			05/31/12 10:40	1
2-Butanone (MEK)	<25		25		ug/Kg			05/31/12 10:40	1
o-Xylene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Xylenes, Total	<15		15		ug/Kg			05/31/12 10:40	1
Styrene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Trichloroethene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Toluene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
Vinyl chloride	<10		10		ug/Kg			05/31/12 10:40	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/Kg			05/31/12 10:40	1
m-Xylene & p-Xylene	<10		10		ug/Kg			05/31/12 10:40	1
Tetrachloroethene	<5.0		5.0		ug/Kg			05/31/12 10:40	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 700-117663/6
Matrix: Solid
Analysis Batch: 117663

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		30 - 140		05/31/12 10:40	1
4-Bromofluorobenzene	94		30 - 126		05/31/12 10:40	1
Toluene-d8 (Surr)	98		42 - 130		05/31/12 10:40	1

Lab Sample ID: LCS 700-117663/4
Matrix: Solid
Analysis Batch: 117663

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	22.1		ug/Kg		88	38 - 154
1,1,1-Trichloroethane	25.0	28.3		ug/Kg		113	64 - 148
1,1,2-Trichloroethane	25.0	23.8		ug/Kg		95	50 - 143
1,1-Dichloroethane	25.0	25.8		ug/Kg		103	56 - 148
1,1-Dichloroethene	25.0	29.4		ug/Kg		118	48 - 154
1,2-Dichloroethane	25.0	22.3		ug/Kg		89	58 - 147
1,2-Dichlorobenzene	25.0	23.6		ug/Kg		95	64 - 146
1,3-Dichlorobenzene	25.0	25.4		ug/Kg		102	64 - 135
1,4-Dichlorobenzene	25.0	25.7		ug/Kg		103	49 - 139
cis-1,2-Dichloroethene	25.0	19.7		ug/Kg		79	50 - 150
1,2-Dichloropropane	25.0	22.6		ug/Kg		90	63 - 134
Benzene	25.0	24.2		ug/Kg		97	69 - 137
Bromoform	25.0	22.3		ug/Kg		89	42 - 144
Carbon tetrachloride	25.0	29.6		ug/Kg		119	50 - 150
Chlorobenzene	25.0	26.2		ug/Kg		105	70 - 138
Chlorodibromomethane	25.0	22.6		ug/Kg		90	50 - 137
Chloroform	25.0	27.3		ug/Kg		109	65 - 136
Dichlorobromomethane	25.0	23.7		ug/Kg		95	50 - 150
Ethylbenzene	25.0	24.8		ug/Kg		99	72 - 145
Methylene Chloride	25.0	22.5		ug/Kg		90	58 - 145
o-Xylene	25.0	24.4		ug/Kg		98	50 - 150
Trichloroethene	25.0	27.3		ug/Kg		109	68 - 138
Toluene	25.0	24.9		ug/Kg		100	66 - 141
trans-1,3-Dichloropropene	25.0	21.0		ug/Kg		84	56 - 140
trans-1,2-Dichloroethene	25.0	25.8		ug/Kg		103	61 - 149
cis-1,3-Dichloropropene	25.0	21.7		ug/Kg		87	50 - 150
m-Xylene & p-Xylene	50.0	44.6		ug/Kg		89	50 - 150
Tetrachloroethene	25.0	27.1		ug/Kg		108	61 - 141

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	104		30 - 140
4-Bromofluorobenzene	100		30 - 126
Toluene-d8 (Surr)	97		42 - 130

Lab Sample ID: LCSD 700-117663/5
Matrix: Solid
Analysis Batch: 117663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/Kg		90	38 - 154	1	28

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 700-117663/5
Matrix: Solid
Analysis Batch: 117663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			25.0	29.9		ug/Kg		120	64 - 148	5	54
1,1,2-Trichloroethane			25.0	27.3		ug/Kg		109	50 - 143	14	27
1,1-Dichloroethane			25.0	30.0		ug/Kg		120	56 - 148	15	38
1,1-Dichloroethene			25.0	29.6		ug/Kg		119	48 - 154	1	46
1,2-Dichloroethane			25.0	24.3		ug/Kg		97	58 - 147	8	25
1,2-Dichlorobenzene			25.0	27.4		ug/Kg		110	64 - 146	15	28
1,3-Dichlorobenzene			25.0	28.1		ug/Kg		113	64 - 135	10	34
1,4-Dichlorobenzene			25.0	28.9		ug/Kg		115	49 - 139	11	36
cis-1,2-Dichloroethene			25.0	21.9		ug/Kg		88	50 - 150	11	37
1,2-Dichloropropane			25.0	26.0		ug/Kg		104	63 - 134	14	27
Benzene			25.0	26.9		ug/Kg		108	69 - 137	11	42
Bromoform			25.0	23.8		ug/Kg		95	42 - 144	7	24
Carbon tetrachloride			25.0	30.3		ug/Kg		121	50 - 150	2	59
Chlorobenzene			25.0	28.3		ug/Kg		113	70 - 138	8	34
Chlorodibromomethane			25.0	24.8		ug/Kg		99	50 - 137	9	22
Chloroform			25.0	29.6		ug/Kg		118	65 - 136	8	38
Dichlorobromomethane			25.0	25.9		ug/Kg		104	50 - 150	9	33
Ethylbenzene			25.0	26.7		ug/Kg		107	72 - 145	7	44
Methylene Chloride			25.0	25.5		ug/Kg		102	58 - 145	12	32
o-Xylene			25.0	25.3		ug/Kg		101	50 - 150	4	32
Trichloroethene			25.0	29.6		ug/Kg		119	68 - 138	8	34
Toluene			25.0	26.9		ug/Kg		108	66 - 141	8	32
trans-1,3-Dichloropropene			25.0	22.9		ug/Kg		92	56 - 140	9	50
trans-1,2-Dichloroethene			25.0	28.9		ug/Kg		116	61 - 149	12	56
cis-1,3-Dichloropropene			25.0	24.0		ug/Kg		96	50 - 150	10	30
m-Xylene & p-Xylene			50.0	47.3		ug/Kg		95	50 - 150	6	43
Tetrachloroethene			25.0	30.3		ug/Kg		121	61 - 141	11	44

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane	*102*		*30 - 140*
4-Bromofluorobenzene	*100*		*30 - 126*
Toluene-d8 (Surr)	*100*		*42 - 130*

Lab Sample ID: MB 700-117685/13
Matrix: Solid
Analysis Batch: 117685

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			06/01/12 19:48	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 700-117685/13
Matrix: Solid
Analysis Batch: 117685

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<50		50		ug/Kg			06/01/12 19:48	1
Benzene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Bromoform	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Bromomethane	<10		10		ug/Kg			06/01/12 19:48	1
Carbon disulfide	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Chlorobenzene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Chloroethane	<10		10		ug/Kg			06/01/12 19:48	1
Chloromethane	<10		10		ug/Kg			06/01/12 19:48	1
Chloroform	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Dichlorobromomethane	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Ethylbenzene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
2-Hexanone	<25		25		ug/Kg			06/01/12 19:48	1
Methylene Chloride	<5.0		5.0		ug/Kg			06/01/12 19:48	1
4-Methyl-2-pentanone (MIBK)	<25		25		ug/Kg			06/01/12 19:48	1
2-Butanone (MEK)	<25		25		ug/Kg			06/01/12 19:48	1
o-Xylene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Xylenes, Total	<15		15		ug/Kg			06/01/12 19:48	1
Styrene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Trichloroethene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Toluene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
Vinyl chloride	<10		10		ug/Kg			06/01/12 19:48	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/Kg			06/01/12 19:48	1
m-Xylene & p-Xylene	<10		10		ug/Kg			06/01/12 19:48	1
Tetrachloroethene	<5.0		5.0		ug/Kg			06/01/12 19:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*95*		*30 - 140*		*06/01/12 19:48*	*1*
4-Bromofluorobenzene	*94*		*30 - 126*		*06/01/12 19:48*	*1*
Toluene-d8 (Surr)	*99*		*42 - 130*		*06/01/12 19:48*	*1*

Lab Sample ID: LCS 700-117685/11
Matrix: Solid
Analysis Batch: 117685

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	20.6		ug/Kg		82	38 - 154
1,1,1-Trichloroethane	25.0	22.5		ug/Kg		90	64 - 148
1,1,2-Trichloroethane	25.0	21.3		ug/Kg		85	50 - 143
1,1-Dichloroethane	25.0	24.7		ug/Kg		99	56 - 148
1,1-Dichloroethene	25.0	23.9		ug/Kg		96	48 - 154
1,2-Dichloroethane	25.0	21.3		ug/Kg		85	58 - 147
1,2-Dichlorobenzene	25.0	22.8		ug/Kg		91	64 - 146
1,3-Dichlorobenzene	25.0	23.1		ug/Kg		92	64 - 135
1,4-Dichlorobenzene	25.0	23.6		ug/Kg		95	49 - 139
cis-1,2-Dichloroethene	25.0	18.2		ug/Kg		73	50 - 150

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 700-117685/11
Matrix: Solid
Analysis Batch: 117685

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	22.1		ug/Kg		88	63 - 134
Benzene	25.0	23.3		ug/Kg		93	69 - 137
Bromoform	25.0	22.0		ug/Kg		88	42 - 144
Carbon tetrachloride	25.0	22.5		ug/Kg		90	50 - 150
Chlorobenzene	25.0	24.0		ug/Kg		96	70 - 138
Chlorodibromomethane	25.0	21.3		ug/Kg		85	50 - 137
Chloroform	25.0	24.3		ug/Kg		97	65 - 136
Dichlorobromomethane	25.0	21.8		ug/Kg		87	50 - 150
Ethylbenzene	25.0	22.6		ug/Kg		90	72 - 145
Methylene Chloride	25.0	24.5		ug/Kg		98	58 - 145
o-Xylene	25.0	22.0		ug/Kg		88	50 - 150
Trichloroethene	25.0	23.3		ug/Kg		93	68 - 138
Toluene	25.0	22.8		ug/Kg		91	66 - 141
trans-1,3-Dichloropropene	25.0	19.5		ug/Kg		78	56 - 140
trans-1,2-Dichloroethene	25.0	24.2		ug/Kg		97	61 - 149
cis-1,3-Dichloropropene	25.0	21.1		ug/Kg		85	50 - 150
m-Xylene & p-Xylene	50.0	42.7		ug/Kg		85	50 - 150
Tetrachloroethene	25.0	24.8		ug/Kg		99	61 - 141

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*100*		*30 - 140*
4-Bromofluorobenzene	*94*		*30 - 126*
Toluene-d8 (Surr)	*98*		*42 - 130*

Lab Sample ID: LCSD 700-117685/12
Matrix: Solid
Analysis Batch: 117685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	25.0	22.0		ug/Kg		88	38 - 154	7	28
1,1,1-Trichloroethane	25.0	23.3		ug/Kg		93	64 - 148	4	54
1,1,2-Trichloroethane	25.0	22.9		ug/Kg		92	50 - 143	7	27
1,1-Dichloroethane	25.0	23.4		ug/Kg		93	56 - 148	6	38
1,1-Dichloroethene	25.0	23.7		ug/Kg		95	48 - 154	1	46
1,2-Dichloroethane	25.0	22.1		ug/Kg		88	58 - 147	4	25
1,2-Dichlorobenzene	25.0	23.6		ug/Kg		94	64 - 146	3	28
1,3-Dichlorobenzene	25.0	23.4		ug/Kg		93	64 - 135	1	34
1,4-Dichlorobenzene	25.0	25.0		ug/Kg		100	49 - 139	6	36
cis-1,2-Dichloroethene	25.0	17.9		ug/Kg		72	50 - 150	1	37
1,2-Dichloropropane	25.0	23.7		ug/Kg		95	63 - 134	7	27
Benzene	25.0	23.7		ug/Kg		95	69 - 137	2	42
Bromoform	25.0	22.5		ug/Kg		90	42 - 144	2	24
Carbon tetrachloride	25.0	22.9		ug/Kg		92	50 - 150	2	59
Chlorobenzene	25.0	24.4		ug/Kg		97	70 - 138	1	34
Chlorodibromomethane	25.0	21.8		ug/Kg		87	50 - 137	2	22
Chloroform	25.0	24.2		ug/Kg		97	65 - 136	0	38
Dichlorobromomethane	25.0	22.7		ug/Kg		91	50 - 150	4	33
Ethylbenzene	25.0	23.6		ug/Kg		94	72 - 145	4	44
Methylene Chloride	25.0	23.4		ug/Kg		93	58 - 145	5	32

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 700-117685/12
Matrix: Solid
Analysis Batch: 117685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene			25.0	22.5		ug/Kg		90	50 - 150	2	32
Trichloroethene			25.0	23.1		ug/Kg		92	68 - 138	1	34
Toluene			25.0	23.1		ug/Kg		92	66 - 141	1	32
trans-1,3-Dichloropropene			25.0	21.0		ug/Kg		84	56 - 140	7	50
trans-1,2-Dichloroethene			25.0	23.6		ug/Kg		95	61 - 149	2	56
cis-1,3-Dichloropropene			25.0	21.1		ug/Kg		84	50 - 150	0	30
m-Xylene & p-Xylene			50.0	43.8		ug/Kg		88	50 - 150	3	43
Tetrachloroethene			25.0	26.5		ug/Kg		106	61 - 141	7	44

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane	*101*		*30 - 140*
4-Bromofluorobenzene	*95*		*30 - 126*
Toluene-d8 (Surr)	*98*		*42 - 130*

Lab Sample ID: 700-68015-11 MS
Matrix: Solid
Analysis Batch: 117685

Client Sample ID: B-14 0'-3'
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	<6.0		29.8	17.1		ug/Kg	☼	57	38 - 154
1,1,1-Trichloroethane	<6.0		29.8	29.0		ug/Kg	☼	97	64 - 130
1,1,2-Trichloroethane	<6.0		29.8	18.6		ug/Kg	☼	62	50 - 143
1,1-Dichloroethane	<6.0		29.8	25.8		ug/Kg	☼	87	56 - 148
1,1-Dichloroethene	<6.0		29.8	24.9		ug/Kg	☼	83	48 - 154
1,2-Dichloroethane	<6.0		29.8	20.8		ug/Kg	☼	70	58 - 147
1,2-Dichlorobenzene	<6.0		29.8	17.8	F	ug/Kg	☼	60	64 - 135
1,3-Dichlorobenzene	<6.0		29.8	21.3		ug/Kg	☼	72	64 - 145
1,4-Dichlorobenzene	<6.0		29.8	18.2		ug/Kg	☼	61	49 - 149
cis-1,2-Dichloroethene	<6.0		29.8	28.3		ug/Kg	☼	95	66 - 128
1,2-Dichloropropane	<6.0		29.8	24.1		ug/Kg	☼	81	63 - 134
Benzene	<6.0		29.8	25.0		ug/Kg	☼	84	69 - 137
Bromoform	<6.0		29.8	15.3		ug/Kg	☼	51	42 - 144
Carbon tetrachloride	<6.0		29.8	29.5		ug/Kg	☼	99	60 - 147
Chlorobenzene	<6.0		29.8	21.3		ug/Kg	☼	71	70 - 138
Chlorodibromomethane	<6.0		29.8	21.0		ug/Kg	☼	70	53 - 137
Chloroform	<6.0		29.8	25.3		ug/Kg	☼	85	65 - 135
Dichlorobromomethane	<6.0		29.8	21.7		ug/Kg	☼	73	55 - 139
Ethylbenzene	<6.0		29.8	24.9		ug/Kg	☼	83	72 - 123
Methylene Chloride	<6.0		29.8	24.0		ug/Kg	☼	71	58 - 149
o-Xylene	<6.0		29.8	22.6		ug/Kg	☼	76	50 - 150
Trichloroethene	<6.0		29.8	25.6		ug/Kg	☼	86	68 - 138
Toluene	<6.0		29.8	22.0		ug/Kg	☼	74	66 - 141
trans-1,3-Dichloropropene	<6.0		29.8	9.15	F	ug/Kg	☼	31	56 - 140
trans-1,2-Dichloroethene	<6.0		29.8	21.8		ug/Kg	☼	73	73 - 146
cis-1,3-Dichloropropene	<6.0		29.8	12.6	F	ug/Kg	☼	42	58 - 140
m-Xylene & p-Xylene	<12		59.7	43.6		ug/Kg	☼	73	50 - 150
Tetrachloroethene	7.7		29.8	38.9		ug/Kg	☼	105	61 - 141

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 700-68015-11 MS
Matrix: Solid
Analysis Batch: 117685

Client Sample ID: B-14 0'-3'
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane	*99*		*30 - 140*
4-Bromofluorobenzene	*69*		*30 - 126*
Toluene-d8 (Surr)	*96*		*42 - 130*

Lab Sample ID: 700-68015-11 MSD
Matrix: Solid
Analysis Batch: 117685

Client Sample ID: B-14 0'-3'
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	<6.0		29.5	9.52	F	ug/Kg	☼	32	38 - 154	57	28
1,1,1-Trichloroethane	<6.0		29.5	20.6		ug/Kg	☼	70	64 - 130	34	54
1,1,2-Trichloroethane	<6.0		29.5	13.3	F	ug/Kg	☼	45	50 - 143	33	27
1,1-Dichloroethane	<6.0		29.5	18.2		ug/Kg	☼	62	56 - 148	35	38
1,1-Dichloroethene	<6.0		29.5	15.8		ug/Kg	☼	54	48 - 154	44	46
1,2-Dichloroethane	<6.0		29.5	14.2	F	ug/Kg	☼	48	58 - 147	38	25
1,2-Dichlorobenzene	<6.0		29.5	<5.9	F	ug/Kg	☼	19	64 - 135	103	28
1,3-Dichlorobenzene	<6.0		29.5	6.93	F	ug/Kg	☼	24	64 - 145	102	34
1,4-Dichlorobenzene	<6.0		29.5	6.39	F	ug/Kg	☼	22	49 - 149	96	36
cis-1,2-Dichloroethene	<6.0		29.5	16.7	F	ug/Kg	☼	57	66 - 128	51	37
1,2-Dichloropropane	<6.0		29.5	16.1	F	ug/Kg	☼	55	63 - 134	40	27
Benzene	<6.0		29.5	16.8	F	ug/Kg	☼	57	69 - 137	39	42
Bromoform	<6.0		29.5	9.55	F	ug/Kg	☼	32	42 - 144	46	24
Carbon tetrachloride	<6.0		29.5	19.2		ug/Kg	☼	65	60 - 147	42	59
Chlorobenzene	<6.0		29.5	11.1	F	ug/Kg	☼	38	70 - 138	63	34
Chlorodibromomethane	<6.0		29.5	11.4	F	ug/Kg	☼	39	53 - 137	59	22
Chloroform	<6.0		29.5	17.1	F	ug/Kg	☼	58	65 - 135	39	38
Dichlorobromomethane	<6.0		29.5	14.4	F	ug/Kg	☼	49	55 - 139	41	33
Ethylbenzene	<6.0		29.5	13.1	F	ug/Kg	☼	44	72 - 123	62	44
Methylene Chloride	<6.0		29.5	15.5	F	ug/Kg	☼	44	58 - 149	43	32
o-Xylene	<6.0		29.5	12.1	F	ug/Kg	☼	41	50 - 150	61	32
Trichloroethene	<6.0		29.5	16.1	F	ug/Kg	☼	55	68 - 138	45	34
Toluene	<6.0		29.5	14.5	F	ug/Kg	☼	49	66 - 141	41	32
trans-1,3-Dichloropropene	<6.0		29.5	6.75	F	ug/Kg	☼	23	56 - 140	30	50
trans-1,2-Dichloroethene	<6.0		29.5	15.0	F	ug/Kg	☼	51	73 - 146	37	56
cis-1,3-Dichloropropene	<6.0		29.5	8.61	F	ug/Kg	☼	29	58 - 140	37	30
m-Xylene & p-Xylene	<12		59.0	23.1	F	ug/Kg	☼	39	50 - 150	62	43
Tetrachloroethene	7.7		29.5	17.8	F	ug/Kg	☼	34	61 - 141	75	44

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane	*95*		*30 - 140*
4-Bromofluorobenzene	*93*		*30 - 126*
Toluene-d8 (Surr)	*101*		*42 - 130*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 700-117550/1-A
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
1,2-Dichlorobenzene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
1,3-Dichlorobenzene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
1,4-Dichlorobenzene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
1-Methylnaphthalene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2,4,5-Trichlorophenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2,4,6-Trichlorophenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2,4-Dichlorophenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2,4-Dimethylphenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2,4-Dinitrophenol	<1700		1700		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2,4-Dinitrotoluene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2,6-Dinitrotoluene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2-Chlorophenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2-Methylnaphthalene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2-Methylphenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2-Nitroaniline	<1700		1700		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
2-Nitrophenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
3 & 4 Methylphenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
3,3'-Dichlorobenzidine	<660		660		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
4,6-Dinitro-2-methylphenol	<1700		1700		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
4-Bromophenyl phenyl ether	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
4-Chloro-3-methylphenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
4-Chloroaniline	<660		660		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
4-Chlorophenyl phenyl ether	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
4-Nitroaniline	<1700		1700		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
4-Nitrophenol	<1700		1700		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Acenaphthene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Acenaphthylene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Anthracene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Benzidine	<2700		2700		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Benzo[a]anthracene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Benzo[a]pyrene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Benzo[b]fluoranthene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Benzo[g,h,i]perylene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Benzo[k]fluoranthene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Bis(2-chloroethoxy)methane	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Bis(2-chloroethyl)ether	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Bis(2-ethylhexyl) phthalate	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Butyl benzyl phthalate	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Chrysene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Di-n-butyl phthalate	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Di-n-octyl phthalate	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Dibenz(a,h)anthracene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Dibenzofuran	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Diethyl phthalate	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Dimethyl phthalate	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Dinoseb	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Fluoranthene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Fluorene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 700-117550/1-A
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Hexachlorobutadiene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Hexachlorocyclopentadiene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Hexachloroethane	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Indeno[1,2,3-cd]pyrene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Isophorone	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
N-Nitrosodi-n-propylamine	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
N-Nitrosodiphenylamine	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Naphthalene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Nitrobenzene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Pentachlorophenol	<1700		1700		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Phenanthrene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Phenol	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Pyrene	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
Carbazole	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5
N-Nitrosodimethylamine	<330		330		ug/Kg		05/31/12 12:00	05/31/12 15:01	5

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*5.0 - 130*	*05/31/12 12:00*	*05/31/12 15:01*	*5*
2-Fluorobiphenyl	*71*		*31 - 130*	*05/31/12 12:00*	*05/31/12 15:01*	*5*
2-Fluorophenol (Surr)	*58*		*10 - 128*	*05/31/12 12:00*	*05/31/12 15:01*	*5*
Nitrobenzene-d5 (Surr)	*54*		*35 - 130*	*05/31/12 12:00*	*05/31/12 15:01*	*5*
Phenol-d5 (Surr)	*71*		*29 - 130*	*05/31/12 12:00*	*05/31/12 15:01*	*5*
Terphenyl-d14 (Surr)	*85*		*37 - 149*	*05/31/12 12:00*	*05/31/12 15:01*	*5*

Lab Sample ID: LCS 700-117550/2-A
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1670	818		ug/Kg		49	34 - 130
1,4-Dichlorobenzene	1670	671		ug/Kg		40	30 - 130
1-Methylnaphthalene	667	433		ug/Kg		65	30 - 140
2,4-Dinitrotoluene	1670	1190		ug/Kg		71	26 - 130
2-Chlorophenol	3330	1520		ug/Kg		46	36 - 130
2-Nitrophenol	3340	1480		ug/Kg		44	38 - 130
Acenaphthene	2330	1510		ug/Kg		65	34 - 134
Acenaphthylene	667	520		ug/Kg		78	44 - 140
Anthracene	667	602		ug/Kg		90	44 - 126
Benzo[a]anthracene	667	540		ug/Kg		81	39 - 134
Benzo[a]pyrene	667	584		ug/Kg		88	30 - 132
Benzo[b]fluoranthene	667	608		ug/Kg		91	34 - 138
Benzo[g,h,i]perylene	667	559		ug/Kg		84	32 - 133
Benzo[k]fluoranthene	667	404		ug/Kg		61	30 - 147
Bis(2-chloroethoxy)methane	3340	1830		ug/Kg		55	43 - 130
Bis(2-chloroethyl)ether	3340	1280		ug/Kg		38	33 - 130
Chrysene	667	600		ug/Kg		90	39 - 138
Dibenz(a,h)anthracene	667	577		ug/Kg		87	32 - 134
Fluoranthene	667	656		ug/Kg		98	39 - 139

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 700-117550/2-A
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluorene	667	499		ug/Kg		75	41 - 130
Indeno[1,2,3-cd]pyrene	667	586		ug/Kg		88	26 - 140
N-Nitrosodi-n-propylamine	1670	779		ug/Kg		47	28 - 130
Naphthalene	667	390		ug/Kg		58	26 - 140
Pentachlorophenol	3330	1990		ug/Kg		60	34 - 133
Phenanthrene	667	563		ug/Kg		84	45 - 129
Phenol	3330	1510		ug/Kg		45	32 - 130
Pyrene	2330	1530		ug/Kg		66	32 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*5.0 - 130*
2-Fluorobiphenyl	*66*		*31 - 130*
2-Fluorophenol (Surr)	*51*		*10 - 128*
Nitrobenzene-d5 (Surr)	*54*		*35 - 130*
Phenol-d5 (Surr)	*61*		*29 - 130*
Terphenyl-d14 (Surr)	*72*		*37 - 149*

Lab Sample ID: LCSD 700-117550/3-A
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117550

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	1670	851		ug/Kg		51	34 - 130	4	22
1,4-Dichlorobenzene	1670	728		ug/Kg		44	30 - 130	8	31
1-Methylnaphthalene	667	425		ug/Kg		64	30 - 140	2	50
2,4-Dinitrotoluene	1670	1110		ug/Kg		66	26 - 130	7	37
2-Chlorophenol	3330	1620		ug/Kg		49	36 - 130	6	38
2-Nitrophenol	3340	1610		ug/Kg		48	38 - 130	8	50
Acenaphthene	2330	1520		ug/Kg		65	34 - 134	1	49
Acenaphthylene	667	524		ug/Kg		79	44 - 140	1	48
Anthracene	667	608		ug/Kg		91	44 - 126	1	27
Benzo[a]anthracene	667	556		ug/Kg		83	39 - 134	3	43
Benzo[a]pyrene	667	541		ug/Kg		81	30 - 132	8	55
Benzo[b]fluoranthene	667	522		ug/Kg		78	34 - 138	15	51
Benzo[g,h,i]perylene	667	512		ug/Kg		77	32 - 133	9	50
Benzo[k]fluoranthene	667	409		ug/Kg		61	30 - 147	1	48
Bis(2-chloroethoxy)methane	3340	1890		ug/Kg		57	43 - 130	4	52
Bis(2-chloroethyl)ether	3340	1380		ug/Kg		41	33 - 130	7	50
Chrysene	667	606		ug/Kg		91	39 - 138	1	41
Dibenz(a,h)anthracene	667	533		ug/Kg		80	32 - 134	8	50
Fluoranthene	667	586		ug/Kg		88	39 - 139	11	50
Fluorene	667	507		ug/Kg		76	41 - 130	2	50
Indeno[1,2,3-cd]pyrene	667	560		ug/Kg		84	26 - 140	5	50
N-Nitrosodi-n-propylamine	1670	816		ug/Kg		49	28 - 130	5	37
Naphthalene	667	401		ug/Kg		60	26 - 140	3	34
Pentachlorophenol	3330	1940		ug/Kg		58	34 - 133	2	55
Phenanthrene	667	564		ug/Kg		85	45 - 129	0	30
Phenol	3330	1570		ug/Kg		47	32 - 130	4	39
Pyrene	2330	1780		ug/Kg		76	32 - 130	15	42

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 700-117550/3-A
Matrix: Solid
Analysis Batch: 117618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117550

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*5.0 - 130*
2-Fluorobiphenyl	*65*		*31 - 130*
2-Fluorophenol (Surr)	*55*		*10 - 128*
Nitrobenzene-d5 (Surr)	*56*		*35 - 130*
Phenol-d5 (Surr)	*64*		*29 - 130*
Terphenyl-d14 (Surr)	*81*		*37 - 149*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 700-117549/1-A
Matrix: Solid
Analysis Batch: 117631

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117549

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<33		33		ug/Kg		05/31/12 09:00	05/31/12 11:39	5
PCB-1221	<67		67		ug/Kg		05/31/12 09:00	05/31/12 11:39	5
PCB-1232	<33		33		ug/Kg		05/31/12 09:00	05/31/12 11:39	5
PCB-1242	<33		33		ug/Kg		05/31/12 09:00	05/31/12 11:39	5
PCB-1248	<33		33		ug/Kg		05/31/12 09:00	05/31/12 11:39	5
PCB-1254	<33		33		ug/Kg		05/31/12 09:00	05/31/12 11:39	5
PCB-1260	<33		33		ug/Kg		05/31/12 09:00	05/31/12 11:39	5

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*33*		*30 - 150*	*05/31/12 09:00*	*05/31/12 11:39*	*5*
Tetrachloro-m-xylene	*84*		*30 - 150*	*05/31/12 09:00*	*05/31/12 11:39*	*5*

Lab Sample ID: LCS 700-117549/2-A
Matrix: Solid
Analysis Batch: 117631

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117549

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			333	345		ug/Kg		104	33 - 130		
PCB-1260			333	320		ug/Kg		96	39 - 134		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*50*		*30 - 150*
Tetrachloro-m-xylene	*84*		*30 - 150*

Lab Sample ID: LCSD 700-117549/3-A
Matrix: Solid
Analysis Batch: 117631

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117549

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			333	352		ug/Kg		105	33 - 130	2	44
PCB-1260			333	332		ug/Kg		100	39 - 134	4	30

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCSD 700-117549/3-A
Matrix: Solid
Analysis Batch: 117631

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117549

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	47		30 - 150
Tetrachloro-m-xylene	87		30 - 150

Lab Sample ID: 700-68015-13 MS
Matrix: Solid
Analysis Batch: 117631

Client Sample ID: B-15 0'-3'
Prep Type: Total/NA
Prep Batch: 117549

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	<38		382	258		ug/Kg	☼	67	33 - 130
PCB-1260	62		382	437		ug/Kg	☼	98	39 - 134

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	45		30 - 150
Tetrachloro-m-xylene	57		30 - 150

Lab Sample ID: 700-68015-13 MSD
Matrix: Solid
Analysis Batch: 117631

Client Sample ID: B-15 0'-3'
Prep Type: Total/NA
Prep Batch: 117549

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	<38		382	262		ug/Kg	☼	68	33 - 130	2	44
PCB-1260	62		382	303	F	ug/Kg	☼	63	39 - 134	36	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	46		30 - 150
Tetrachloro-m-xylene	55		30 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 700-117526/1-A
Matrix: Solid
Analysis Batch: 117602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117526

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<1.0		1.0		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Arsenic	<1.5		1.5		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Beryllium	<0.40		0.40		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Cadmium	<0.50		0.50		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Chromium	<1.0		1.0		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Copper	<2.0		2.0		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Lead	<0.75		0.75		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Nickel	<4.0		4.0		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Selenium	<1.5		1.5		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Antimony	<2.0		2.0		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Thallium	<1.5		1.5		mg/Kg		05/31/12 09:00	05/31/12 18:39	1
Zinc	<2.0		2.0		mg/Kg		05/31/12 09:00	05/31/12 18:39	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 700-117526/2-A
Matrix: Solid
Analysis Batch: 117602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117526

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	100	93.1		mg/Kg		93	80 - 120
Arsenic	100	99.9		mg/Kg		100	80 - 120
Beryllium	100	101		mg/Kg		101	80 - 120
Cadmium	100	105		mg/Kg		105	80 - 120
Chromium	100	108		mg/Kg		108	80 - 120
Copper	100	103		mg/Kg		103	80 - 120
Lead	100	101		mg/Kg		101	80 - 120
Nickel	100	103		mg/Kg		103	80 - 120
Selenium	100	94.0		mg/Kg		94	80 - 120
Antimony	100	95.7		mg/Kg		96	80 - 120
Thallium	100	98.1		mg/Kg		98	80 - 120
Zinc	100	105		mg/Kg		105	80 - 120

Lab Sample ID: LCSD 700-117526/3-A
Matrix: Solid
Analysis Batch: 117602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117526

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	100	94.4		mg/Kg		94	80 - 120	1	20
Arsenic	100	101		mg/Kg		101	80 - 120	1	20
Beryllium	100	101		mg/Kg		101	80 - 120	0	20
Cadmium	100	106		mg/Kg		106	80 - 120	1	20
Chromium	100	109		mg/Kg		109	80 - 120	1	20
Copper	100	104		mg/Kg		104	80 - 120	1	20
Lead	100	102		mg/Kg		102	80 - 120	1	20
Nickel	100	104		mg/Kg		104	80 - 120	1	20
Selenium	100	94.8		mg/Kg		95	80 - 120	1	20
Antimony	100	96.7		mg/Kg		97	80 - 120	1	20
Thallium	100	99.1		mg/Kg		99	80 - 120	1	20
Zinc	100	106		mg/Kg		106	80 - 120	1	20

Lab Sample ID: 700-68015-1 MS
Matrix: Solid
Analysis Batch: 117602

Client Sample ID: B-9 0'-3'
Prep Type: Total/NA
Prep Batch: 117526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	<0.99		97.0	86.8		mg/Kg	☼	90	75 - 125
Arsenic	9.9		97.0	108		mg/Kg	☼	101	75 - 125
Beryllium	<0.39		97.0	98.0		mg/Kg	☼	101	75 - 125
Cadmium	<0.49		97.0	101		mg/Kg	☼	104	75 - 125
Chromium	11		97.0	113		mg/Kg	☼	105	75 - 125
Copper	38		97.0	140		mg/Kg	☼	106	75 - 125
Lead	57		97.0	158		mg/Kg	☼	105	75 - 125
Nickel	4.9		97.0	101		mg/Kg	☼	99	75 - 125
Selenium	<1.5		97.0	89.9		mg/Kg	☼	93	75 - 125
Antimony	2.1		97.0	68.9	F	mg/Kg	☼	69	75 - 125
Thallium	<1.5		97.0	89.6		mg/Kg	☼	92	75 - 125
Zinc	70		97.0	164		mg/Kg	☼	97	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 700-68015-1 MSD — **Client Sample ID: B-9 0'-3'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117602 — **Prep Batch: 117526**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	<0.99		95.3	85.9		mg/Kg	☼	90	75 - 125	1	20
Arsenic	9.9		95.3	102		mg/Kg	☼	96	75 - 125	6	20
Beryllium	<0.39		95.3	95.3		mg/Kg	☼	100	75 - 125	3	20
Cadmium	<0.49		95.3	98.9		mg/Kg	☼	103	75 - 125	2	20
Chromium	11		95.3	111		mg/Kg	☼	104	75 - 125	2	20
Copper	38		95.3	131		mg/Kg	☼	98	75 - 125	7	20
Lead	57		95.3	141		mg/Kg	☼	89	75 - 125	11	20
Nickel	4.9		95.3	97.5		mg/Kg	☼	97	75 - 125	3	20
Selenium	<1.5		95.3	87.4		mg/Kg	☼	92	75 - 125	3	20
Antimony	2.1		95.3	62.7	F	mg/Kg	☼	64	75 - 125	9	20
Thallium	<1.5		95.3	87.1		mg/Kg	☼	91	75 - 125	3	20
Zinc	70		95.3	153		mg/Kg	☼	87	75 - 125	7	20

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Lab Sample ID: MB 700-117563/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117651 — **Prep Batch: 117563**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.014		0.014		mg/Kg		05/31/12 10:25	06/01/12 12:23	1

Lab Sample ID: LCS 700-117563/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117651 — **Prep Batch: 117563**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.267	0.251		mg/Kg		94	80 - 120

Lab Sample ID: LCSD 700-117563/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117651 — **Prep Batch: 117563**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.267	0.234		mg/Kg		88	80 - 120	7	20

Client Sample ID: B-9 0'-3'

Lab Sample ID: 700-68015-1

Date Collected: 05/30/12 08:01

Matrix: Solid

Date Received: 05/30/12 11:56

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	117663	05/31/12 14:55	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 19:56	LNP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 13:13	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 18:48	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:34	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-9 3'-6'

Lab Sample ID: 700-68015-2

Date Collected: 05/30/12 08:09

Matrix: Solid

Date Received: 05/30/12 11:56

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	117663	05/31/12 15:27	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 20:24	LNP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 13:44	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:05	JAW	TAL MOB
Total/NA	Prep	3050B	RADL		117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C	RADL	5	117644	06/01/12 10:56	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:36	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-10 0'-3'

Lab Sample ID: 700-68015-3

Date Collected: 05/30/12 08:21

Matrix: Solid

Date Received: 05/30/12 11:56

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117614	05/31/12 01:03	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 20:53	LNP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 14:15	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:08	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:38	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-10 3'-6'

Lab Sample ID: 700-68015-4

Date Collected: 05/30/12 08:26
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 70.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	117663	05/31/12 13:51	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 21:21	LNP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 14:46	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:21	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:40	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-11 0'-3'

Lab Sample ID: 700-68015-5

Date Collected: 05/30/12 08:43
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	117663	05/31/12 14:23	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 21:50	LNP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 15:18	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:24	JAW	TAL MOB
Total/NA	Prep	3050B	RADL		117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C	RADL	5	117644	06/01/12 10:59	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		5	117651	06/01/12 13:11	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-11 3'-6'

Lab Sample ID: 700-68015-6

Date Collected: 05/30/12 08:50
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 71.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117614	05/31/12 02:37	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 22:18	LNP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 15:49	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:28	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		2	117651	06/01/12 13:12	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Lab Chronicle

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-12 0'-3'

Lab Sample ID: 700-68015-7

Date Collected: 05/30/12 09:04
Date Received: 05/30/12 11:56

Matrix: Solid
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	06/01/12 01:59	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 22:47	LNP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 16:20	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:31	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:50	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-12 3'-6'

Lab Sample ID: 700-68015-8

Date Collected: 05/30/12 09:11
Date Received: 05/30/12 11:56

Matrix: Solid
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117614	05/31/12 03:09	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117639	05/31/12 23:15	LNP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 16:51	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:35	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:52	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-13 0'-3'

Lab Sample ID: 700-68015-9

Date Collected: 05/30/12 09:30
Date Received: 05/30/12 11:56

Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	06/01/12 02:31	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117618	05/31/12 21:46	VP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 17:23	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:38	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:54	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Lab Chronicle

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-13 3'-6'

Lab Sample ID: 700-68015-10
Date Collected: 05/30/12 09:37
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117645	06/01/12 01:28	JH	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117618	05/31/12 22:17	VP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 17:54	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:41	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:56	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-14 0'-3'

Lab Sample ID: 700-68015-11
Date Collected: 05/30/12 10:05
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117685	06/01/12 20:20	KBV	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117618	05/31/12 22:48	VP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 18:25	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:45	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 12:58	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-14 3'- 6'

Lab Sample ID: 700-68015-12
Date Collected: 05/30/12 10:11
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 62.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117685	06/01/12 20:52	KBV	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117618	05/31/12 23:19	VP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 18:56	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:48	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		5	117651	06/01/12 13:14	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Lab Chronicle

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Client Sample ID: B-15 0'-3'

Lab Sample ID: 700-68015-13

Date Collected: 05/30/12 10:30
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117685	06/01/12 21:23	KBV	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117618	05/31/12 23:50	VP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 19:28	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 19:51	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 13:03	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Client Sample ID: B-15 3'-5.5'

Lab Sample ID: 700-68015-14

Date Collected: 05/30/12 10:33
Matrix: Solid
Date Received: 05/30/12 11:56
Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	117685	06/01/12 21:55	KBV	TAL MOB
Total/NA	Prep	3550C			117550	05/31/12 12:00	SDT	TAL MOB
Total/NA	Analysis	8270D		5	117618	06/01/12 00:22	VP	TAL MOB
Total/NA	Prep	3550C			117549	05/31/12 09:00	SDT	TAL MOB
Total/NA	Analysis	8081B/8082A		5	117631	05/31/12 19:59	LT	TAL MOB
Total/NA	Prep	3050B			117526	05/31/12 09:00	MC	TAL MOB
Total/NA	Analysis	6010C		1	117602	05/31/12 20:04	JAW	TAL MOB
Total/NA	Prep	7471B			117563	05/31/12 10:25	MC	TAL MOB
Total/NA	Analysis	7471B		1	117651	06/01/12 13:05	PNP	TAL MOB
Total/NA	Analysis	Moisture		1	117517	05/30/12 15:37	TKN	TAL MOB

Laboratory References:

TAL MOB = TestAmerica Mobile, 900 Lakeside Drive, Mobile, AL 36693, TEL (251)666-6633

Method Summary

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL MOB
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL MOB
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL MOB
6010C	Metals (ICP)	SW846	TAL MOB
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL MOB
Moisture	Percent Moisture	EPA	TAL MOB

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL MOB = TestAmerica Mobile, 900 Lakeside Drive, Mobile, AL 36693, TEL (251)666-6633

Sample Summary

Client: Thompson Engineering Inc
Project/Site: ALDOT- Bender Shipbuilding

TestAmerica Job ID: 700-68015-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
700-68015-1	B-9 0'-3'	Solid	05/30/12 08:01	05/30/12 11:56
700-68015-2	B-9 3'-6'	Solid	05/30/12 08:09	05/30/12 11:56
700-68015-3	B-10 0'-3'	Solid	05/30/12 08:21	05/30/12 11:56
700-68015-4	B-10 3'-6'	Solid	05/30/12 08:26	05/30/12 11:56
700-68015-5	B-11 0'-3'	Solid	05/30/12 08:43	05/30/12 11:56
700-68015-6	B-11 3'-6'	Solid	05/30/12 08:50	05/30/12 11:56
700-68015-7	B-12 0'-3'	Solid	05/30/12 09:04	05/30/12 11:56
700-68015-8	B-12 3'-6'	Solid	05/30/12 09:11	05/30/12 11:56
700-68015-9	B-13 0'-3'	Solid	05/30/12 09:30	05/30/12 11:56
700-68015-10	B-13 3'-6'	Solid	05/30/12 09:37	05/30/12 11:56
700-68015-11	B-14 0'-3'	Solid	05/30/12 10:05	05/30/12 11:56
700-68015-12	B-14 3'-6'	Solid	05/30/12 10:11	05/30/12 11:56
700-68015-13	B-15 0'-3'	Solid	05/30/12 10:30	05/30/12 11:56
700-68015-14	B-15 3'-5.5'	Solid	05/30/12 10:33	05/30/12 11:56

TestAmerica Mobile
900 Lakeside Drive
Mobile, AL 36693
Phone (251) 666-6633 Fax (251) 666-6696

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6/4/2012

Client Information
Client Contact: Mr. Bill Parrish
Company: Thompson Engineering Inc
Address: 2970 Cottage Hill Rd. Suite 190
City: Mobile
State, Zip: AL, 36606
Phone: 251-706-6510(Tel)
Email: bparrish@thompsonengineering.com
Project Name: ALDOT
Site: Bender Shipbuilding

Sampler: Bill Parrish
Phone: (251) 377-7967
Lab PM: Nance, Mike
E-Mail: mike.nance@testamericainc.com
Carrier Tracking No(s):
COC No: 700-27192-5215.2
Page: Page 1 of 2
Job #: 12-2116-0039

Due Date Requested: 72 hours
TAT Requested (days): 3 days
PO #: Purchase Order not required
WO #: 10-4025-0003
Project #: 70005757
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - Priority Pollutant Metals by 6010C (ICP)	7471B - Hg	8260C - Target Compound List	8270D - Target Compound List	8081B_8082A - PCBs only	8260C - Target Compound List	6010C - Priority Pollutant Metals by 6010C (ICP)	7470A - Mercury	Total Number of containers
			Preservation Code:				N	N	N	N	N	A	D	D	
B-9 0'-3'	5/30/12	0801	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-9 3'-6'	5/30/12	0809	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-10 0'-3'	5/30/12	0821	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-10 3'-6'	5/30/12	0826	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-11 0'-3'	5/30/12	0843	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-11 3'-6'	5/30/12	0850	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-12 0'-3'	5/30/12	0904	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-12 3'-6'	5/30/12	0911	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-13 0'-3'	5/30/12	0930	C	Solid	N	N	✓	✓	✓	✓	✓				3
B-13 3'-6'	5/30/12	0937	C	Solid	N	N	✓	✓	✓	✓	✓				3
				Solid											

Special Instructions/Note:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by: [signature] (BP) Date: 5/30 Time: Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: [signature]	5/30/12 1156		[signature]	5-30-12 1156	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 0730	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: 700-6f015
Cooler Temperature(s) °C and Other Remarks:

Serial Number

6/4/2012

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Mobile
900 Lakeside Drive
Mobile, AL 36693
www.testamericainc.com
Phone: (251) 666-6633
Fax: (251) 666-6696

Alternate Laboratory Name/Location:
Phone:
Fax:

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
ALDOT- Bender Shipbuilding	12-2116-0039	AL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Mike Nance	N/A	N/A
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Bill Parrish	(251) 342-7467	(251) 625-5505
CLIENT NAME	CLIENT EMAIL	
Thompson Engineering	bparrish@thompsonengineering.com	
CLIENT ADDRESS		
2970 Cottage Hill Rd Suite 190 Mobile, AL 36606		
COMPANY CONTRACTING THIS WORK (if applicable)	SAMPLER'S SIGNATURE	
ALDOT		

REQUIRED ANALYSES

PAGE 2 OF 2

STANDARD REPORT DELIVERY ○
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ●
DATE DUE 72 hours

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) (INDICATE)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	NOTE: 6010C - PP Metals 7471B - Hg	NOTE: 8260C - Target Compound 8270D - Target Compound 8081B - 608 PEST - PCB only	NOTE: PRESERVATIVE	REMARKS
5/30/12	1005	B-14 0'-3'	C		✓			1	1	1	
5/30/12	1011	B-14 3'-6'	C		✓			1	1	1	
5/30/12	1030	B-15 0'-3'	C		✓			1	1	1	
5/30/12	1033	B-15 3'-5.5'	C		✓			1	1	1	

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
SAMPLE CONTAINERS				5/30/12	1156		5-30-12	1156
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
SAMPLE CONTAINERS				5-30-12	1156			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	STL LOG NO.	LABORATORY REMARKS:
	5-30-12	1156			700-68015	

FCU036:12.20.00:2

Original - Return to Laboratory with Sample(s)

2.3°C 5592