Draft Supplemental Phase II Site Investigation Report

154 South Ogden Street Site
Buffalo, New York

March 2012 0249-012-001

Prepared For:

South Buffalo Charter School

Prepared By:

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ENVIRONMENTAL
ENGINEERING &
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1.0 INTRODUCTION

1.1 Background

The subject property is comprised of an approximate 27-acre vacant plot of land located at 154 South Ogden Street near the northwest intersection of Mineral Springs Road in Buffalo, New York (see Figure 1). The property is generally bound to the north by the Buffalo River, to the east by South Ogden Street, to the south by private property and to the west by railroad tracks and vacant property owned by the City of Buffalo. Surrounding property use is primarily residential. Historic records indicate that the site was not previously developed; however a portion of the property was previously traversed by the Buffalo River and was filled with concurrent straightening of the river channel (Ref. 1).

South Buffalo Charter School has expressed an interest in potentially acquiring the property for redevelopment as a new charter school facility. Accordingly, the Board of Trustees commissioned a Phase I Environmental Site Assessment (ESA) for the Site and certain adjoining parcels in July 2011 (Ref. 1). The Phase I ESA report identified the existing railroad spur west and south of the Site as a potential environmental condition. Piles of asphalt, concrete, and general debris were also noted along the northern portion of the property. A subsequent October 2011 geotechnical investigation (by others) identified soil/fill materials from approximately 6 to 23.5 feet below ground surface (fbgs) with a slight petroleum-like odor described at one of the boring locations at a depth of 15 to 17 fbgs (Ref. 2). Based on these findings, 10 additional environmental investigation borings were advanced. Recovered soils from two locations exhibited slightly elevated photoionization detector (PID) readings. Laboratory analysis of select soils indicated the presence of arsenic, copper, and lead within the soil/fill material above residential and restricted residential soil cleanup objectives (SCOs) per 6NYCRR Part 375-6 (Ref. 2).

In late November 2011, a test pit investigation was performed across the Site and adjacent properties. Fill materials were observed at 21 of 22 test pits ranging in thickness from approximately 1 foot to more than 12.5 feet and were underlain by native silty sand (Ref. 2). Visual/olfactory observations of impact were identified at four test pit locations (TP-3, TP-13, TP-15 and TP-17 as shown on Figure 2); test pit TP-3 appeared to contain ash and test pits TP-13, TP-15, and TP-17 were described as having a "sweet" odor. Laboratory analysis of test pits was limited to locations TP-3 and TP-13; elevated heavy

metal concentrations were detected at both locations (Ref. 2). In addition, elevated polycyclic aromatic hydrocarbons (PAHs) and chlorinated organics were identified at test pit TP-13. Both samples were also determined not to be characteristically hazardous (per TCLP analysis) (Ref. 2).

1.2 Supplemental Phase II Site Investigation Approach

Based on the findings of the Phase I ESA and the initial Phase II investigation work, South Buffalo Charter School retained Benchmark Environmental Engineering & Science, PLLC (Benchmark) to perform supplemental Phase II Site investigation activities at the Site. Adjacent properties shown on Figure 2 were not included in this investigation. Goals of the supplemental Phase II investigation work included:

- Assuring that soil/fill materials identified at the Site, particularly the upper 2 feet, are adequately characterized to identify any additional areas of concern relative to the Part 375 restricted residential SCOs. These criteria are deemed protective of human health for both children and adults in a school setting.

- Identification of any "hot spot" areas which may require removal due to concentration or potential vapor intrusion concerns (i.e., from volatilization and subsequent migration into building air).

- Collection of groundwater data to check for impacts by constituents of potential concern and verify the absence of constituents associated with vapor intrusion and environmental impact.

The Supplemental Phase II Investigation field activities were undertaken during the period of February 7-9, 2012. Work performed in support of the above-listed goals included:

- Excavation of 20 additional test pits across the property to allow for visual/olfactory/ and PID assessment of subsurface conditions, and collection and analysis of several surface and subsurface soil/fill samples for chemical characterization.

- Installation of three (3) temporary monitoring wells with collection and analysis of groundwater samples from each location.

1.3 Purpose and Scope

This report has been prepared to document the procedures and findings of the Supplemental Phase II Site Investigation of the 154 South Ogden Street Site. This report contains six (6) sections:

- Section 2 describes site investigation procedures and related activities.
- Section 3 presents investigation findings.
- Section 4 presents a summary and conclusions regarding the investigation.
- Sections 5 and 6 present report limitations and references, respectively.

2.0 SITE INVESTIGATION

The Supplemental Phase II Investigation was performed in accordance with Benchmark's proposal dated February 2, 2012, as well as local, state, and federal regulations. Investigation activities are described in the following Sections. All investigation locations described below were measured and recorded via a Trimble GeoXT handheld GPS unit relative to State planar grid coordinates.

2.1 Soil/Fill Investigation

On February 7-8, 2012, twenty (20) test pits identified as TP-1-2012 through TP-20-2012 were excavated across the property to allow for visual, olfactory and PID assessment of subsurface conditions, and to facilitate collection of surface and subsurface soil/fill samples for chemical characterization (see Figure 2). Test pits were focused toward areas near observed potential impact as recorded during the initial Phase II investigation activities (i.e., petroleum-impacts), as well as areas proximate to the proposed school footprint. In general, test pits were excavated from ground surface to native soils or groundwater, whichever was encountered first, using an excavator. Test pit walls and excavated soil/fill were examined by qualified Benchmark personnel and classified in accordance with the Unified Soils Classification System (USCS). Field screening via PID was conducted across the test pit depth.

2.1.1 Soil/Fill Sample Collection

At test pit locations TP-03-2012, -04, -05, -09, -10, -11,-14, -15, -17, and -20, a shallow (0'-2') soil/fill sample was collected. Deeper subsurface samples were collected from test pits TP-03-2012 (11'-13'), TP-04-2012 (6'-15'), and TP-17-2012 (6'-17'). All surface soil/fill samples were slated for analysis of USEPA Target Compound List (TCL) volatile organic compounds (VOCs); TCL base-neutral semi-volatile organic compounds (SVOCs); Resource Conservation and Recovery Act (RCRA) metals; and polychlorinated biphenyls (PCBs). The subsurface samples were analyzed for total arsenic and total lead. In addition, the analytical requirements for shallow soil/fill samples TP-14 and TP-15 were expanded to include acid extractable SVOCs, total cyanide, pesticides, and herbicides.

Soil/fill samples were collected and prepared using pre-cleaned and dedicated stainless steel sample utensils in accordance with Benchmark's standard Field Operating Procedures (FOPs), placed in pre-cleaned laboratory supplied sample bottles, cooled to 4ºC in the field, and transported under chain-of-custody command to TestAmerica Laboratories, Inc., a National Environmental Laboratory Approval Program (NELAP) and Contract Laboratory Program (CLP)-certified analytical laboratory, for analysis in accordance with USEPA Method SW-846 protocols. A level IV (equivalent New York State Department of Environmental Conservation (NYSDEC) Category B) laboratory deliverables report was prepared. Site-specific quality assurance/quality control (QA/QC) samples, including a matrix spike/matrix spike duplicate (from test pit TP-14-2012) sample, were also collected to assist in evaluation of the reliability of the data.

2.1.2 Test Pit Abandonment

Following completion of each test pit, soil/fill material was returned to the excavation in the opposite order it was removed and compacted to match the existing grade.

2.2 Groundwater Investigation

Temporary well installation activities were conducted on February 8, 2012. Several direct-push (Geoprobe®) boreholes were completed during the investigation (see Figure 2), with three of the boreholes fitted with temporary 1" PVC monitoring wells (TMWs). Boreholes were advanced approximately 6 to 7 feet into the saturated overburden soils with bottom depths approximately 20 feet below ground surface (fbgs). All direct-push boreholes were advanced using 1.5-inch diameter by 4-foot long macro-core samplers. Continuous 4-foot sample cores were retrieved from each boring location in clear PVC sleeves to allow for field characterization of the subsurface lithology. Benchmark personnel scanned each 4-foot core for total volatile organic vapors with a MiniRae 3000 PID equipped with a 10.6 eV lamp and noted visual and/or olfactory observations.

2.2.1 Groundwater Sample Collection

Groundwater samples were collected on February 8-9, 2012 using dedicated mini-bailers and transferred to laboratory-provided pre-preserved sample vials for analysis of TCL

VOCs. One groundwater sample collected from TMW-03 was also analyzed for TCL SVOCs. The samples were cooled to 4 °C in the field, and transported under Chain-of-Custody to TestAmerica Laboratories, Inc. Similar to the soil/fill samples, a level IV (equivalent NYSDEC Category B) laboratory deliverables report was prepared and site-specific quality assurance/quality control (QA/QC) samples, including a matrix spike/matrix spike duplicate (from TMW-02) was collected to assist in evaluation of the reliability of the data.

2.2.2 Temporary Well Abandonment

Upon completion of groundwater sampling, all three temporary wells were manually pulled and backfilled with surrounding soil/fill material to match existing grade.

2.3 Petroleum-Impacted Area Investigation

During the investigation, petroleum-impacts were identified within the saturated native sediments in borehole SB-4. Specifically, petroleum-like odors, a maximum PID reading of approximately 134 parts per million, and a slight sheen were encountered at the 14 to 16 fbgs interval. Accordingly, the NYSDEC petroleum spills hotline was informed of the findings and Spill Number 1112887 was assigned to the Site. Boring SB-4 was completed as a temporary well (deemed "TMW-3") for purposes of characterizing the groundwater within the apparent spill area.

Subsequently, five (5) additional boreholes, designated as SB-3 and SB-5 through SB-8, were completed in the vicinity of SB-4 in order to delineate the horizontal and vertical extents of those impacts (see Figure 2). All boreholes were advanced approximately 6 to 7 feet into the saturated overburden soils with bottom depths approximately 20 fbgs as previously described. Benchmark personnel examined and classified (via USCS) all retrieved sample cores, scanned each for total volatile organic vapors with a PID, and noted all visual and/or olfactory observations.

3.0 INVESTIGATION FINDINGS

A general discussion of field observations recorded during this investigation as well as an assessment of the analytical results for soil/fill and groundwater are presented in this section. Test pit descriptions and field measurements are summarized on Table 1 and borehole logs are presented in Appendix A. Soil/fill and groundwater sample results are summarized in Tables 2 and 3, respectively (only those parameters detected at a minimum of one sample location are presented). Sample concentrations detected above the comparative criteria are highlighted in each table, where applicable. The full laboratory reports are provided in Appendix B and representative project photos are presented in Appendix C.

3.1 Soil/Fill

3.1.1 Field Observations

Test pit locations are illustrated on Figure 2. Each test pit was completed to native soil, the top of groundwater, or the practical reach of the excavator, whichever occurred first. At each location, Benchmark recorded pertinent field observations including fill types, depth to native soil, visual or olfactory evidence of contamination, and PID readings (see Table 1).

As presented on Table 1 and generally shown in Appendix C, soil/fill material was encountered at 19 of the 20 test pit locations at varying depths, and was typically comprised of Sandy Lean Clay with apparent incinerator ash, gravel, and cinders intermingled with fragments of brick, wood, and glass. Soil/fill was not observed at test pit TP-10-2012. Native soil underlying the soil/fill, when encountered, was generally described as Poorly Graded Sand with Silt or Silty Sand. Native soil was not encountered in test pits TP-06-2012 (14 fbgs) and TP-17-2012 (17 fbgs).

During the course of the test pit investigation field indication of potential impacts were identified at test pit TP-03-2012. Within this test pit, saturated native Poorly Graded Sand with Gravel soil (14 to 16 fbgs) exhibited a mild odor and PID readings of approximately 7 parts per million. A subsequent boring investigation in the vicinity of this test pit was performed and is described in Section 3.3. No other visual impacts, other than general fill materials, were identified at the Site.

3.1.2 Soil/Fill Analytical Results

Table 2 presents a comparison of the surface and subsurface soil/fill data to health-based Soil Cleanup Objectives (SCOs) for unrestricted use, residential, and restricted residential use scenarios per 6 NYCRR Part 375. Unrestricted use SCOs are presented as a basis for comparison against the concentrations that might be expected in virgin soils not subjected to chemical releases or biased by fill containing non-soil materials. Restricted residential SCOs are presented as a basis for comparison against the "reasonably-anticipated future use scenario" for the Site. For the subject property, redevelopment as a charter school with outdoor ball fields is contemplated. The NYSDEC has determined that restricted residential SCOs are appropriate cleanup criteria where active recreational activities may occur.

3.1.2.1 Surficial Soil/Fill Results

No PCBs were detected above the laboratory analytical detection limit in any of the ten surficial soil samples. As indicated on Table 2, the surficial samples were also analyzed for VOCs with no constituents detected above the SCOs.

Two surficial samples (0 to 2 fbgs) from test pits TP-03-2012 and TP-15-2012 exhibited one or more exceedances of the comparative criteria for SVOCs. Specifically, several exceedances of the restricted residential SCOs were identified for the carcinogenic polyaromatic hydrocarbon (cPAH) fraction of the SVOCs. These included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. In addition to those compounds, benzo(k)fluoranthene and chrysene were detected in the same surface sample locations above the unrestricted and/or residential SCOs.

Metals data indicate exceedances of the restricted SCOs for several constituents and sample locations, including: arsenic (TP-09-2012), barium (TP-03-2012 and TP-15-2012), and lead (TP09-2012 and TP-15-2012). In addition to those metals, lead (TP-03-2012, TP-11-2012, and TP-17-2012) and mercury (TP-11-2012) were detected in the above the unrestricted SCO.

No pesticides were detected above the restricted residential SCO. Two pesticide compounds were detected at concentrations exceeding the unrestricted SCO at only one test pit (TP-15-2012).

3.1.2.2 Subsurface Soil/Fill Analytical Results

Subsurface soil/fill data is summarized on Table 2. Metals data indicate one exceedance of the restricted residential SCO for lead at test pit TP-17-2012 (6'-17').

3.2 Groundwater

Table 3 summarizes the groundwater analytical data from temporary wells TWM-1 through TMW-3 (see Figure 2). These results have been compared to the Class GA Groundwater Quality Standards and Guidance Values (GWQS/GVs) per NYSDEC June 1998 Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. As shown in the table, there were no VOCs detected in well TMW-1 above the GWQSs. Chlorobenzene was detected at a concentration slightly above the GWQS at well TMW-2. Benzene, isopropylbenzene and naphthalene were all detected at concentrations above their respective GWQSs at well TWM-3.

3.3 Petroleum-Impacted Area Assessment

Five borings, identified as SB-3 and SB-5 through -08, were advanced in the vicinity of SB-4 to delineate vertical and horizontal impacts identified at that location (see Figure 2). Based on the borehole delineation, the petroleum-impacted area measured approximately 90 feet by 100 feet and was generally present within the 12 to 14 fbgs saturated interval (see Figure 2). Using these dimensions, approximately 670 CY of petroleum-impacted material is estimated. This estimate is limited to the information obtained from the six borings advanced during this investigation and may be larger due to any unidentified/unknown subsurface conditions encountered during actual remediation.

4.0 SUMMARY & CONCLUSIONS

As discussed in Section 3.0, apparent petroleum-impacted saturated soils in the vicinity of soil boring SB-4/TMW-3 necessitated informing the NYSDEC Petroleum Spills Hotline of the finding and issuance of a spill number (1112887). Groundwater concentrations in SB-3 also exceeded Class GA standards. Accordingly, remedial measures will be required in that area of the Site.

In addition to the petroleum-impacts, inorganics (metals) and cPAHs are present in surficial soil/fill (0 to 2 fbgs) at concentrations above the health-based SCOs for the restricted residential use category, which the NYSDEC (in consultation with the New York State Department of Health) has deemed appropriate comparative criteria where active recreational activities may occur, such as ball fields. In particular, concentrations of metals exceeding the restricted residential SCOs were reported for arsenic in test pit TP-09-2012, barium in test pits TP-03-2012 and TP-15-2012, and lead in test pits TP-09-2012 and TP-15-2012. Shallow soils at TP-03-2012 and TP-15-2012 also exhibited exceedances of the restricted residential SCOs for several cPAHs. The presence of these elevated metals concentrations in the surficial or near-surface soil/fill samples indicates the need for cleanup measures to prevent adverse exposures from incidental ingestion, contact, and/or particulate inhalation following redevelopment. Absent these measures the site would not be considered safe under the current regulations for use as a school property with active outdoor recreation areas.

Moreover, the presence of elevated lead levels in subsurface soil at TP-17-2012 as well as the general presence of non-soil fill materials in the subsurface, particularly incinerator ash and cinders, indicates that subsurface fill will need to be appropriately managed during and following redevelopment. This would involve assuring that excavated subsurface materials are: characterized and deemed compliant with restricted residential SCOs; disposed offsite at a permitted solid waste disposal facility; covered onsite (assuming no gross contamination is evident) beneath two feet of clean cover soil or hardscape; or potentially reused offsite as general fill where restrictions are in place to prevent unacceptable exposure (e.g., at a site where an easement or deed restriction only permits industrial use).

5.0 DECLARATION/LIMITATIONS

Benchmark personnel monitored all intrusive activities during the Supplemental Phase II Site investigation at the 154 Ogden Street site according to generally accepted practices and the scope of work provided to South Buffalo Charter Schools by Benchmark.

This report has been prepared for the exclusive use of South Buffalo Charter Schools. The contents of this report are limited to information available at the time of the site investigation activities and to data referenced herein, and assume all referenced information sources to be true and accurate. The findings herein may be relied upon only at the discretion of South Buffalo Charter Schools. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering & Science, PLLC.

6.0 REFERENCES

1. LCS Inc., *Phase I Environmental Site Assessment Report*, 154 South Ogden Street, Buffalo, NY, prepared for Mr. Garry Kikutis c/o Inez Robinson, RBS Citizens, NA, Real Estate Risk Services, July 26, 2011.

2. Empire Geo-Services, Inc., *Report of Environmental Test Pit Investigation*, Proposed Charter School, 154 South Ogden Street, Buffalo, NY, prepared for South Buffalo Charter School c/o Cannon Construction Services, December 22, 2011.

3. New York State Department of Environmental Conservation. *Draft DER-10; Technical Guidance for Site Investigation and Remediation.* November 2009.

TABLES

TABLE 1

TEST PIT SUMMARY

154 South Ogden Street
Buffalo, New York

Location	Date	Total Depth (fbgs)	Length (feet)	Width (feet)	Depth to Water (fbgs)	Visual/ Olfactory (depth, fbgs)	Fill Thickness (fbgs)	Sample Depths (fbgs)	Descritption (ASTM D2488: Visual-Manual Procedure)	PID Readings (ppm)
TP-01-2012	2/8/2012	16.0	13.0	3.0	13.5	Fill	9.0	NA	(0.0 -1.0) SANDY LEAN CLAY w/ GRAVEL & FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, little fine to coarse gravel, asphalt concrete and orange brick debris (1.0 - 9.0) SILTY SAND w/ FILL: Dark brown/black, moist, mostly fine sand, some non-plastic fines, with brick, cloth, wood, glass. (9.0-16.0) POORLY GRADED SAND w/ SILT: Brown, moist to wet, mostly fine sand, few non-plastic fines, trace fine gravel (sub-rounded), loose when disturbed.	0.0
TP-02-2012	2/7/2012	16.0	13.0	4.0	14.0	Fill	11.0	NA	(0.0 - 6.0) SANDY LEAN CLAY w/ GRAVEL & FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, little fine to coarse gravel (angular), asphalt, concrete, orange brick. (6.0-11.0) SILTY SAND w/ FILL: Black, moist, mostly fine sand, some non-plastic fines, orange brick, wood, 4-inch steel pipes, cloth, rubber tube. (11.0-16.0) SILTY SAND: Grey/black, moist to wet, mostly fine sand, little non-plastic fines, loose when disturbed.	0.0
TP-03-2012	2/7/2012	16.0	10.0	3.0	14.0	Fill Petroleum-like Odor (14.0 - 15.0)	11.0	0.0 - 2.0 11.0 - 13.0	(0.0 - 6.0) SANDY LEAN CLAY w/ GRAVEL & FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, little fine to coarse gravel (angular), asphalt, concrete, orange brick. (6.0 - 11.0) FILL: White/Red, moist, incinerator ash, soft, loose when disturbed, (11.0 - 14.0) SILTY SAND: Dark grey, moist to wet (12.0 fbgs), mostly fine sand, some to trace non-plastic fines, loose (14.0 - 16.0) POORLY GRADED SAND w/ GRAVEL: Dark grey, wet, mostly fine sand, some sub-rounded fine to coarse gravel, trace non-plastic fines, loose, rapid dilatancey.	7.0 (14.0 - 15.0)
TP-04-2012	2/7/2012	16.0	13.0	3.0	13.0	Fill	15.0	0.0 - 2.0 6.0 - 15.0	(0.0 - 6.0) SANDY LEAN CLAY w/ GRAVEL & FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, few fine to coarse gravel (angular), asphalt, concrete and orange brick. (6.0 - 15.0) SILTY SAND w/ FILL: Black, moist to wet, mostly fine sand, little non-plastic fines, piping, brick wood (burnt), steel debris, cloth, (15.0 - 16.0) SILTY SAND: Grey/black, wet, mostly fine sand, little non-plastic fines, loose when disturbed.	0.0
TP-05-2012	2/7/2012	14.0	13.0	3.0	12.0	Fill	13.0	0.0 - 2.0	(0.0 - 13.0) SANDY LEAN CLAY w/ FILL: Dark brown/black, moist to wet (12.0 fbgs), mostly low plasticity fines, some fine sand, few fine to coarse gravel (angular), asphalt, concrete and orange brick, broken square steel box 6-foot x 3-foot (~10.0 fbgs and empty). (13.0 - 14.0) POORLY GRADED SAND w/ SILT: Grey, wet, mostly fine sand, few non-plastic fines, few coarse gravel (sub-rounded), loose, rapid dilatancey.	0.0
TP-06-2012	2/8/2012	14.0	13.0	5.0	11.0	Fill	14.0	NA	(0.0 - 14.0) POORLY GRADED SAND w/ SILT and FILL: Brown, moist to wet, mostly fine sand, few non-plastic fines, loose, roots, wood, brick.	0.0
TP-07-2012	2/8/2012	13.0	13.0	4.0	10.0	Fill	8.0	NA	(0.0 - 8.0) FILL w/ SILTY SAND: Black, moist, mostly brick and wood debris with some fine sand and little non-plastic fines. (8.0 - 13.0) POORLY GRADED SAND: Brown, wet, mostly fine sand, trace non-plastic fines, coarse gravel (sub-rounded) at bottom, loose when disturbed	0.0
TP-08-2012	2/8/2012	12.0	13.0	3.0	12.0	Fill	5.0	NA	(0.0 - 5.0) FILL: Red/white, incinerator ash, wood, glass (whole bottles), loose. (5.0 - 12.0) POORLY GRADED SAND: Brown, moist to wet, mostly fine sand, trace non-plastic fines, trace fine gravel, loose.	0.0

TABLE 1

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154 South Ogden Street
Buffalo, New York

Location	Date	Total Depth (fbgs)	Length (feet)	Width (feet)	Depth to Water (fbgs)	Visual/ Olfactory (depth, fbgs)	Fill Thickness (fbgs)	Sample Depths (fbgs)	Descritption (ASTM D2488: Visual-Manual Procedure)	PID Readings (ppm)
TP-09-2012	2/8/2012	16.0	13.0	3.0	13.5	Fill	4.0	(0.0 - 2.0)	(0.0 - 4.0) FILL: Red/white/grey, incinerator ash, wood, glass (whole bottles), loose. (4.0 - 16.0) POORLY GRADED SAND: Brown, moist to wet, mostly fine sand, trace non-plastic fines, trace fine gravel, loose.	0.0
TP-10-2012	2/8/2012	9.0	13.0	5.0	6.0	Fill	0.0	0.0 - 2.0	(0.0 - 9.0) SILTY SAND: Brown with grey, moist to wet, mostly fine sand, little non-plastic fines grading to trace, loose.	0.0
TP-11-2012	2/7/2012	16.0	13.0	3.0	14.5	Fill	7.0	0.0 - 2.0	(0.0 - 7.0) SANDY LEAN CLAY w/ FILL:Dark brown/black, moist, mostly low plasticity fines, some fine sand, few fine to coarse gravel (angular), asphalt, concrete and orange brick. (7.0 - 16.0) POORLY GRADED SAND: Brown/grey, moist to wet, mostly fine sand, trace non-plastic fines, few fine and coarse gravels (sub-rounded), loose.	0.0
TP-12-2012	2/7/2012	16.0	13.0	3.0	15.0	Fill	11.0	NA	(0.0 - 11.0) SANDY LEAND CLAY w/ FILL: Dark brown/black, moist, mostly low plasticity fines, some fine sand, few fine to coarse gravel (angular), asphalt, concrete, orange brick, 4-inch plastic piping. (11.0 - 16.0) SILTY SAND: Brown/grey, mostly fine sand, little to trace non-plastic fines, few sub-rounded coarse gravel, loose.	0.0
TP-13-2012	2/7/2012	16.5	13.0	3.0	15.5	Fill	7.0	NA	(0.0 - 7.0) SANDY LEAN CLAY w/ FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, few fine to coarse gravel (angular), asphalt concrete, orange brick. (7.0 - 10.0) SANDY LEAN CLAY: Dark grey, moist, mostly low plasticity fines, some fine sand, soft, rootlets (10.0 - 16.0) POORLY GRADED SAND: Dark grey, moist to wet, mostly fine sand, trace non-plastic fines, loose when disturbed	0.0
TP-14-2012	2/7/2012	17.0	13.0	3.0	16.0	Fill	8.0	0.0 - 2.0	(0.0 - 8.0) SANDY LEAN CLAY w/ FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, fine to coarse gravel, asphalt, concrete (some over 1 foot in size), orange brick, stiff. (8.0 -12.0) SANDY LEAN CLAY: Brown/grey, moist, mostly non-plastic fines, some fine sand, medium dense. (12.0 - 17.0) SILTY SAND w/ GRAVEL: Brown/grey, moist to wet (16.0 fbgs), mostly fine sand, some non-plastic fines, little sub-rounded coarse gravel, loose.	0.0
TP-15-2012	2/8/2012	14.0	13.0	4.0	13.0	Fill	11.0	0.0 - 2.0	(0.0 - 11.0) SANDY LEAN CLAY w/ FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, little fine to coarse gravel, asphalt, concrete, orange brick, steel, loose when disturbed. (11.0 - 14.0) SITLY SAND: Brown, moist to wet (13.0 fbgs), mostly fine sand, few non-plastic fines, medium dense, loose when disturbed.	0.0
TP-16-2012	2/8/2012	14.0	13.0	6.0	13.5	Fill	12.0	NA	(0.0 - 12.0) SANDY LEAN CLAY w/ FILL: Dark brown to black, moist, mostly low plasticity fines, some fine sand, little fine to coarse gravel, medium dense, loose when disturbed, wood, asphalt, concrete, orange brick, steel piping (12.0 - 14.0) SILTY SAND: Grey/brown, wet (13.5 fbgs), mostly fine sand, few non-plastic fines, medium dense, loose when disturbed.	0.0

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Location	Date	Total Depth (fbgs)	Length (feet)	Width (feet)	Depth to Water (fbgs)	Visual/ Olfactory (depth, fbgs)	Fill Thickness (fbgs)	Sample Depths (fbgs)	Descritption (ASTM D2488: Visual-Manual Procedure)	PID Readings (ppm)
TP-17-2012	2/7/2012	17.0	13.0	6.0	17.0	Fill	17.0	0.0 - 2.0 6.0 - 17.0	(0.0 - 17.0) SANDY LEAN CLAY w/ FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, little fine and coarse gravel, asphalt, concrete, orange brick, steel piping, brick, wood, steel, cloth, hot water tank.	0.0
TP-18-2012	2/7/2012	18.0	13.0	3.0	17.5	Fill	5.0	NA	(0.0 - 5.0) SANDY LEAN CLAY w/ FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, fine to coarse gravel (angular), medium dense, loose when disturbed, rootlets, asphalt, concrete, orange brick. (5.0 - 18.0) POORLY GRADED SAND w/ GRAVEL: Dark brown/grey, moist to wet (17.5 fbgs), mostly fine sand, few non-plastic fines, little fine to coarse gravel, loose.	0.0
TP-19-2012	2/8/2012	17.0	13.0	3.0	None	Fill	3.0	NA	(0.0 - 3.0) SANDY LEAN CLAY w/ FILL: Dark brown, moist, mostly low plasticity fines, some fine sand, fine to coarse gravel, asphalt, concrete, orange brick. (3.0 - 17.0) SILTY SAND: Dark brown/grey, moist, mostly fine sand, little non-plastic fines, medium dense, loose when disturbed, rootlets (upper 5.0 fbgs).	0.0
TP-20-2012	2/8/2012	17.0	13.0	4.5	16.0	Fill	7.0	0.0 - 2.0	(0.0 - 7.0) POORLY GRADED SAND w/ GRAVEL & FILL: Dark brown, moist, mostly fine sand, few non-plastic fines, little fine to coarse gravel, concrete, orange brick, steel debris, medium dense. (7.0 - 17.0) POORLY GRADED SAND: Brown, moist to wet (16.0 fbgs), mostly fine sand, few non-plastic fines, roots, loose.	0.0

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 2

SUMMARY OF SOIL/FILL ANALYTICAL RESULTS

154 South Ogden Street
Buffalo, New York

Parameter	SCOs			Test Pit Location & Sample Depth (fbgs)												
	Unrestricted (mg/kg)	Residential (mg/kg)	Restricted Residential (mg/kg)	TP-03-2012 (0.0 - 2.0)	TP-03-2012 (11.0 - 13.0)	TP-04-2012 (0.0 - 2.0)	TP-04-2012 (6.0 - 15.0)	TP-05-2012 (0.0 - 2.0)	TP-09-2012 (0.0 - 2.0)	TP-10-2012 (0.0-2.0)	TP-11-2012 (0.0 - 2.0)	TP-14-2012 (0.0 - 2.0)	TP-15-2012 (0.0-2.0)	TP-17-2012 (0.0 - 2.0)	TP-17-2012 (6.0 - 17.0)	TP-20-2012 (0.0 - 2.0)
TCL Volatile Organic Compounds (VOCs) - ug/L																
Methylene Chloride	0.05	51	100	0.0034 J	--	0.0041 J	--	ND	0.0049 J	0.003 J	0.0032 J	0.004 J	0.0043 J	0.004 J	--	0.004 J
TCL Semi-Volatile Organic Compounds (SVOCs) - mg/kg																
2-Methylnaphthalene	--	--	--	0.024 J	--	ND	--	ND	0.035 J	ND	0.015 J	ND	ND	ND	--	0.046 J
Acenaphthene	20	100	100	0.12 J	--	ND	--	ND	0.015 J	ND	ND	ND	0.31 J	ND	--	0.8 J
Acenaphthylene	100	100	100	0.069 J	--	ND	--	ND	0.1 J	ND	0.022 J	ND	ND	ND	--	0.015 J
Anthracene	100	100	100	0.42	--	0.044 J	--	ND	0.091 J	ND	0.035 J	0.22 J	1 J	ND	--	0.19
Benzo(a)anthracene	1	1	1	**1.1**	--	0.16 J	--	0.29 J	0.35	ND	0.16 J	0.59 J	**3.2**	0.13 J	--	0.32
Benzo(a)pyrene	1	1	1	**1.2**	--	0.2	--	0.27 J	0.52	ND	0.14 J	0.62 J	**4.1**	ND	--	0.28
Benzo(b)fluoranthene	1	1	1	**1.5**	--	0.2	--	0.47 J	0.91	ND	0.26	0.85 J	**5**	0.14 J	--	0.57 J
Benzo(g,h,i)perylene	100	100	100	0.32	--	0.061 J	--	ND	0.22	ND	0.052 J	ND	1.1	ND	--	0.11 J
Benzo(k)fluoranthene	0.8	1	3.9	**0.88**	--	0.17 J	--	0.21 J	0.44	ND	0.13 J	0.42 J	**2.2**	0.097 J	--	0.26
Biphenyl	--	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	ND	ND	--	0.016 J
Carbazole	--	--	--	0.16 J	--	ND	--	ND	0.075 J	ND	ND	ND	0.39 J	ND	--	0.095 J
Chrysene	1	1	3.9	**1**	--	0.18 J	--	0.28 J	0.46 J	ND	0.15 J	0.6 J	**3.1**	0.068 J	--	0.32
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.12 J	--	0.02 J	--	ND	0.073 J	ND	ND	ND	**0.39 J**	ND	--	ND
Dibenzofuran	100	--	--	0.072 J	--	ND	--	ND	0.018 J	ND	ND	ND	ND	ND	--	0.08 J
Fluoranthene	100	100	100	2.3	--	0.35	--	0.51 J	0.73	ND	0.27	1.1 J	5.9	0.16 J	--	0.75
Fluorene	30	100	100	0.18 J	--	ND	--	ND	0.027 J	ND	ND	ND	0.34 J	ND	--	0.11 J
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	0.35	--	0.065 J	--	ND	0.2 J	ND	0.06 J	0.25 J	**1.2 J**	ND	--	0.11 J
Naphthalene	12	100	100	0.043 J	--	ND	--	ND	0.029 J	ND	ND	ND	ND	ND	--	0.16 J
Phenanthrene	100	100	100	1.6	--	0.16 J	--	0.29 J	0.41	ND	0.13 J	0.85 J	4	0.12 J	--	0.76
Pyrene	100	100	100	1.7	--	0.29	--	0.41 J	0.51	ND	0.2	0.86 J	5.2	ND	--	0.54
RCRA Metals - mg/kg																
Arsenic	13	16	16	6.3	4.8	7.8	5.7	9.2	**16.4**	4.8	9	7.4	6.5	9.7	8.4	5.1
Barium	350	350	400	**470**	--	110	--	92.6	272	51.8	127	92.5	**484**	86	--	38.8
Cadmium	2.5	2.5	4.3	0.75	--	0.28	--	0.36	1.4	0.28	0.94	0.36	1.1	0.39	--	0.37
Chromium	30	36	180	21.4	--	18.7	--	21.2	13.9	8.7	21.5	16.4	16.9	19.2	--	7.6
Lead	63	400	400	**264**	10.1	18.9	190	35.4	**450**	8	**156**	45	**840**	**76.4**	**2400**	25.3
Silver	2	36	180	ND	--	ND	--	ND	ND	ND	1.5	ND	ND	ND	--	ND
Cyanide	27	27	27	NA	--	NA	--	NA	NA	NA	NA	ND	ND	NA	--	NA
Mercury	0.18	0.81	0.81	0.11	--	ND	--	0.037	0.061	0.024	**0.53**	0.082	0.16	0.07	--	0.04
Pesticides/Herbicides - mg/kg																
4,4'-DDE	0.0033	1.8	8.9	--	--	--	--	--	--	--	--	ND	**0.051 J**	--	--	--
4,4'-DDT	0.0033	1.7	7.9	--	--	--	--	--	--	--	--	ND	**0.46 J**	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	ND	0.069 J	--	--	--
TCL PCBs - mg/kg																
All Aroclors	0.1	1	1	ND	--	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND

Notes:
1. Only those compounds detected above the laboratory reporting limit are presented in this table.
2. J = indicates an estimated value.
3. ND= not detected above laboratory detection limits.
4. NA = Not sampled for.
5. B = Was found in associated Blank.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 3

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

154 South Ogden Street
Buffalo, New York

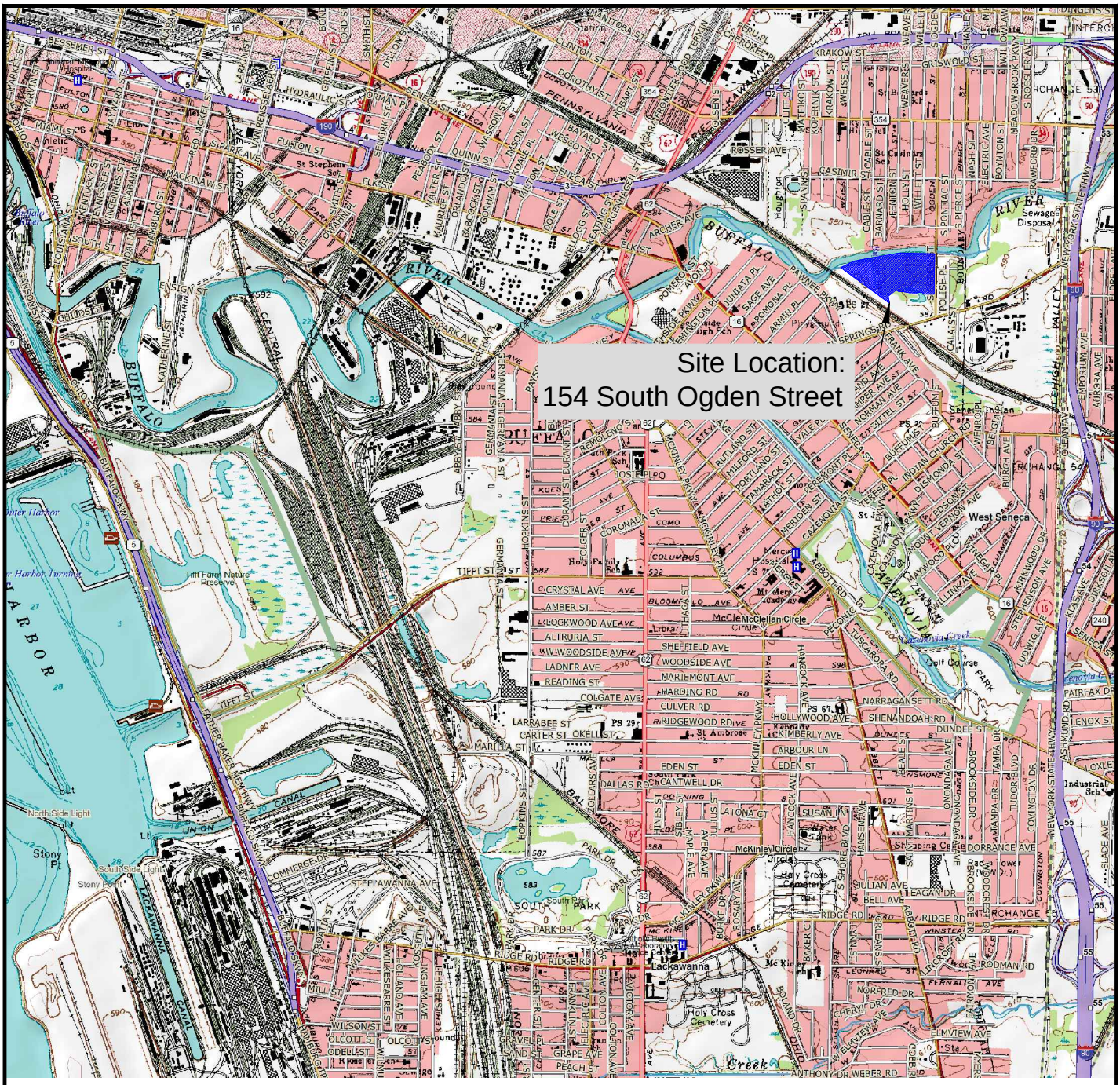
Parameter	Clas GA Standards	Monitoring Location		
		TMW-1	TMW-2	TMW-3
TCL Volatile Organic Compounds (VOCs) - ug/L				
2-Butanone (MEK)	50	1.3 J	ND	1.3 J
1,2-Dichlorobenzene	3	ND	2.1	ND
Acetone	50	4.2 J	ND	ND
Benzene	1	ND	ND	**1.2**
Chlorobenzene	5	ND	**6.3**	0.78 J
Cyclohexane	--	ND	ND	3.2
Ethylbenzene	5	ND	ND	1.6
Isopropylbenzene	5	ND	ND	**25**
Methylcyclohexane	--	ND	ND	11
Methylene Chloride	5	1.3	0.59 J	ND
Toluene	5	ND	ND	0.54 J
Total Xylenes	15	ND	ND	6 J
TCL Semi-Volatile Organic Compounds (SVOCs) - ug/L				
Acenaphthene	20	--	--	0.42 J
Acetophenone	--	--	--	13
Di-n-butyl phthalate	50	--	--	0.39 JB
Naphthalene	10	--	--	**21 J**
Pyrene	50	--	--	0.36 J

Notes:
1. Only those compounds detected above the laboratory reporting limit are presented in this table.
2. J = indicates an estimated value.
3. ND= not detected above laboratory detection limits.
4. NA = Not sampled for.
5. B = Was found in associated Blank.

FIGURES

F:\CAD\Benchmark\South Buffalo Charter School\Figure 1; Site Location and Vicinity Map.dwg

FIGURE 1



N

3000' 0' 3000' 6000'

SCALE: 1 INCH = 3000 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0249-012-001

DATE: MARCH 2012

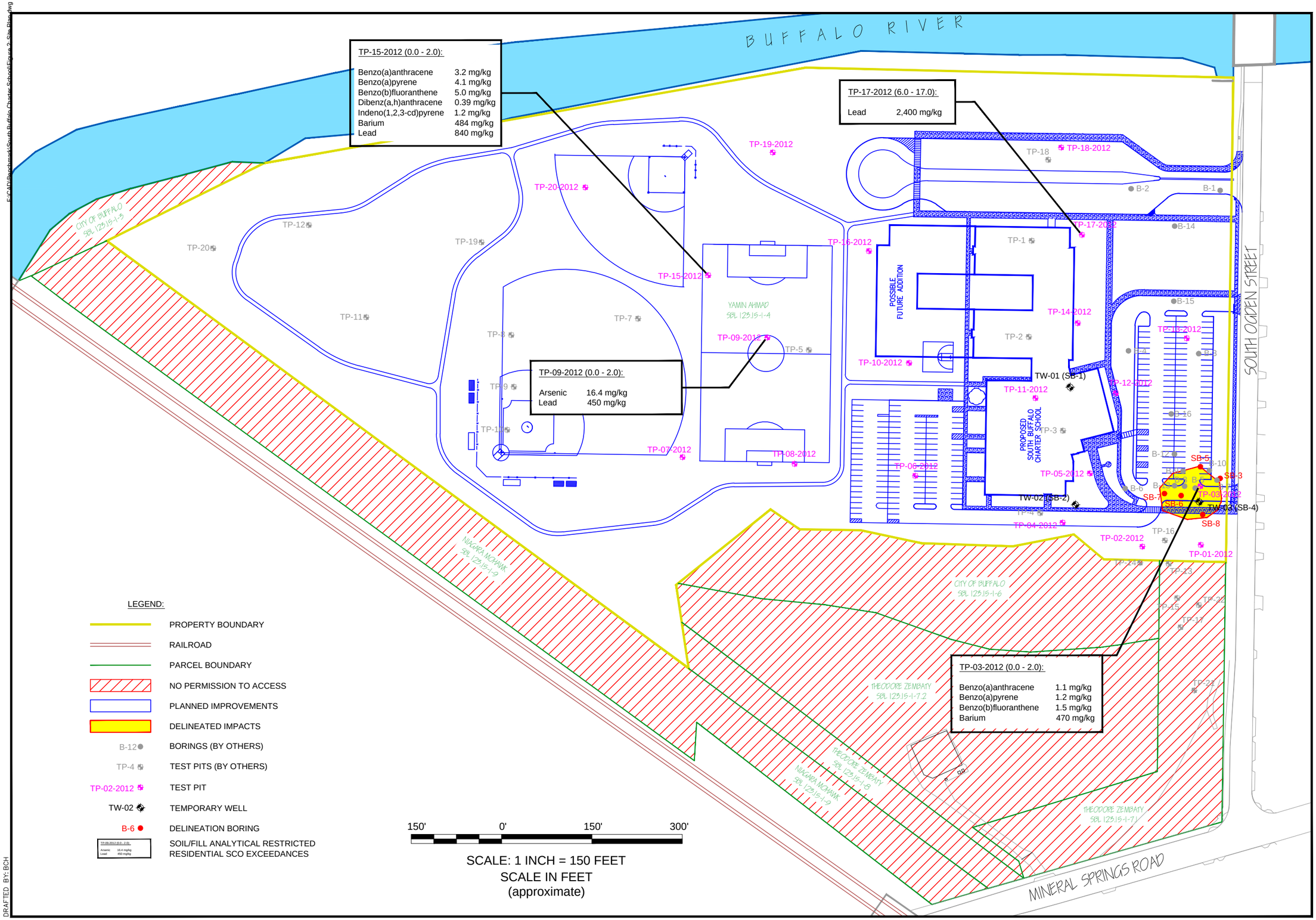
DRAFTED BY: BCH

SITE LOCATION AND VICINITY MAP

SUPPLEMENTAL PHASE II INVESTIGATION

154 SOUTH OGDEN STREET
BUFFALO, NEW YORK

PREPARED FOR
EYEZON ASSOCIATES, INC.



2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

JOB NO.: 0249-012-001

SITE PLAN

SUPPLEMENTAL PHASE II INVESTIGATION
154 SOUTH OGDEN STREET
BUFFALO, NEW YORK

PREPARED FOR
SOUTH BUFFALO CHARTER SCHOOL

FIGURE 2

DATE: MARCH 2016
DRAFTED BY: BCH

F:\CAD\Benchmark\South Buffalo Charter School\Figure 2 Site Plan.dwg

APPENDIX A

PROJECT FIELD FORMS

APPENDIX A-1

FIELD BOREHOLE/WELL COMPLETION LOGS

Project No: 0249-012-001

Borehole Number: SB-1/TMW-1

Project: Supplemental Phase II

A.K.A.:

Client: South Buffalo Charter School

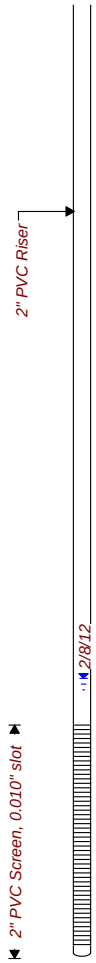
Logged By: TAB

Site Location: 154 South Ogden St. Buffalo NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
-1.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay with Fill*** Brown, moist, mostly low plasticity fines, some fine sand, few coarse gravel (angular), concrete, orange brick, stiff.	C1	NA	1.7		0.0		
4.0							0.0		
			C2	NA	1,9		0.0		
	-8.0						0.0		
	8.0	***Silty Sand*** Dark grey, moist to wet (14.0 fbgs), mostly fine sand, little non-plastic fines, dense, rootletss, loose when disturbed.	C3	NA	2.0		0.0		
9.0							0.0		
			C4	NA	2.4		0.0		
14.0							0.0		
	-16.0								
	16.0	***Poorly Graded Sand with Gravel*** Dark grey, wet, mostly fine sand, trace non-plastic fines, little fine gravel, trace coarse (sub-rounded), loose when disturbed, rapid dilatency.	C5	NA	1.3		0.0		
19.0							0.0		
	-20.0								
	20.0	End of Borehole							



Drilled By: DDS Companies
Drill Rig Type: Geoprobe 54LT
Drill Method: Directpush w/ 4' macrocore
Comments:
Drill Date(s): 2/8/12

Hole Size: 3-inch
Stick-up: 0.4-inch
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0249-012-001

Borehole Number: SB-2/TMW-2

Project: Supplemental Phase II

A.K.A.:

Client: South Buffalo Charter School

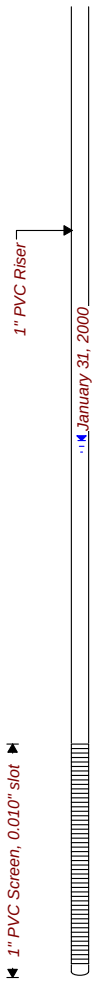
Logged By: TAB

Site Location: 154 South Ogden St. Buffalo NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
-1.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay with Gravel and Fill*** Brown, moist, mostly low plasticity fines, some fine sand, few to some coarse gravel (angular), stiff concrete, orange, brick, wood.	C1	NA	3.0		0.0		
							0.0		
4.0			C2	NA	2.2		0.0		
							0.0		
9.0			C3	NA	2.0		0.0		
	-12.0						0.0		
	12.0	***Poorly Graded Sand with Silt*** Dark grey, moist to wet (13.0 fbgs), mostly fine sand, few to trace non-plastic fines, trace coarse gravel (sub-rounded), medium dense, loose when disturbed, rootlets.	C4	NA	2.9		0.0		
14.0							0.0		
			C5	NA	1.6		0.0		
19.0							0.0		
	-20.0								
	20.0	End of Borehole							



Drilled By: DDS Companies
Drill Rig Type: Geoprobe 54LT
Drill Method: Direct Push w/ 4' macrocore
Comments:
Drill Date(s): 2/9/12

Hole Size: 3-inch
Stick-up: 0.8-inch
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0249-012-001

Borehole Number: SB-3

Project: Supplemental Phase II

A.K.A.:

Client: South Buffalo Charter School

Logged By: TAB

Site Location: 154 South Ogden St. Buffalo NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay with Gravel and Fill*** Reddish brown, mostly low plasticity fines, some fine sand, few coarse gravel (angular), asphalt pieces, stiff.	C1	NA	3.3		0.0 0.0		
5.0	-6.0		C2	NA	2.0		0.0 0.0		
	6.0	***Ash Fill*** White/grey, moist, ash, loose.							
	-8.0 8.0	***Silty Sand*** Brown, moist, mostly fine sand, little non-plastic fines, medium dense, loose when disturbed.	C3	NA	2,6		0.0 0.0		
10.0	-12.0								2/8/12
	12.0	***Poorly graded Sand with Gravel*** Brown, moist to wet (12.0 fbgs), mostly fine sand, trace non-plastic fines, little fine gravel (sub-rounded), trace coarse gravel (sub-rounded), rapid dilatency, loose when disturbed.	C4	NA	2.4		0.0 0.0		
15.0			C5	NA	0.5		0.0 0.0		
20.0	-20.0 20.0	End of Borehole							
25.0									

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 54LT
Drill Method: Directpush w/ 4' macrocore
Comments:
Drill Date(s): 2/8/12

Hole Size: 3-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0249-012-001

Borehole Number: SB-4/TMW-03

Project: Supplemental Phase II

A.K.A.:

Client: South Buffalo Charter School

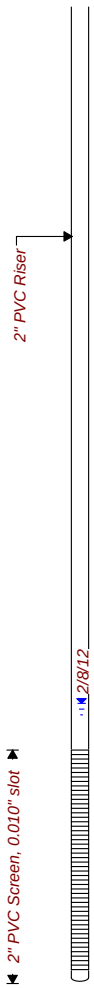
Logged By: TAB

Site Location: 154 South Ogden St. Buffalo NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 250 / 500)	Lab Sample	Well Completion Details or Remarks
-1.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay with Fill*** Reddish brown, mostly low plasticity fines, some fine sand, few coarse gravel (angular), stiff, concrete,orange brick	C1	NA	2.5		0.0		
4.0							0.0		
	-6.0 6.0	***Ash Fill*** White/grey, ash, very loose	C2	NA	2.3		0.0		
							0.0		
9.0			C3	NA	0.2		0.0		
							0.0		
	-12.0 12.0	***Poorly Graded Sand with Silt and Gravel*** Brown/grey/black, moist to wet (14.0 fbgs), mostly fine sand, little to trace non-plastic fines, few coarse gravel (sub-rounded), medium dense, loose when disturbed, rapid dilatency, petroleum like odor, sheen.					0.0		
14.0			C4	NA	2.6		134		
							0.0		
			C5	NA	2.5		0.0		
19.0									
	-20.0 20.0	End of Borehole							



Drilled By: DDS Companies
Drill Rig Type: Geoprope 54LT
Drill Method: Directpush w/ 4' macrocore
Comments:
Drill Date(s): 2/8/12

Hole Size: 3-inch
Stick-up: 0.9-inch
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0249-012-001

Borehole Number: SB-5

Project: Supplemental Phase II

A.K.A.:

Client: South Buffalo Charter School

Logged By: TAB

Site Location: 154 South Ogden St. Buffalo NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay with Fill*** Reddish brown, moist, mostly low plasticity fines, some fine sand, few corse gravels (angular), stiff, orange brick, asphalt pieces.	C1	NA	3.6				
5.0			C2	NA	1.1				
	-8.0								
	8.0	***Silty Sand*** Brown, moist, mostly fine sand, some non-plastic fines, medium dense, loose when disturbed.	C3	NA	1.4				
10.0									
	-12.0								
	12.0	***Poorly Graded Sand with Silt*** Grey, moist to wet (16.0 fbgs), mostly fine sand, few grading to trace non-plastic fines, trace fine gravel (sub-rounded), medium dense, rapid dilatency, loose when disturbed.	C4	NA	1.7				
15.0			C5	NA	0.5				
	-20.0								
20.0	20.0	End of Borehole							
25.0									

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 54LT
Drill Method: Directpush w/ 4' macrocore
Comments:
Drill Date(s): 2/8/12

Hole Size: 3-inch
Stick-up: NA
Datum:

Sheet: 1 of 1

Project No: 0249-012-001

Borehole Number: SB-6

Project: Supplemental Phase II

A.K.A.:

Client: South Buffalo Charter School

Logged By: TAB

Site Location: 154 South Ogden St. Buffalo NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay with Fill*** Reddish brown, moist, mostly low plasticity fines, some fine sand, few coarse gravel (angular), stiff, orange brick, asphalt pieces, glass.	C1	NA	2.0		0.0 0.0		
5.0			C2	NA	3.4		0.0 0.0		
	-7.0 7.0	***Ash Fill*** White/grey, moist to wet (8.0 fbgs), ash, very loose.	C3	NA	1,8		0.0 0.0		
10.0	-11.0 11.0	***Poorly Graded Sand with Silt*** Dark grey/black, moist to wet (13.0 fbgs), mostly fine sand, few non-plastic fines, trace coarse gravel (sub-rounded), loose when disturbed, rapid dilatency, petroleum like odor, sheen.	C4	NA	4.9		0.0 11.1		2/8/12
15.0	-16.0 16.0	As above, grey.	C5	NA	2.8		0.0 0.0		
20.0	-20.0 20.0	End of Borehole							
25.0									

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 54LT
Drill Method: Directpush w/ 4' macrocore
Comments:
Drill Date(s): 2/8/12

Hole Size: 3-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0249-012-001

Borehole Number: SB-7

Project: Supplemental Phase II

A.K.A.:

Client: South Buffalo Charter School

Logged By: TAB

Site Location: 154 South Ogden St. Buffalo NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay with Fill*** Reddish brown, moist, mostly low plasticity fines, some fine sand, few coarse gravels (angular), stiff, orange brick, asphalt pieces, cinders.	C1	NA	2.7		0.0 / 0.0		
5.0			C2	NA	3.4		0.0 / 0.0		
	-8.0 8.0	***Ash Fill*** White/grey, moist, ash.	C3	NA	2.4		0.0 / 0.0		
10.0	-10.0 10.0	***Poorly Graded Sand with Silt.*** Grey, moist to wet (12.5 fbgs), mostly fine sand, few non-plastic fines, trace coarse gravel (sub-rounded), medium dense, loose when disturbed, slight petroleum-like odor (14.0 fbgs), sheen.	C4	NA	4.0		0.0 / 0.0		2/8/12
15.0	-16.0 16.0	As above, no petroleum odors or sheen.	C5	NA	1.2		0.0 / 0.0		
20.0	-20.0 20.0	End of Borehole							
25.0									

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 54LT
Drill Method: Directpush w/ 4' macrocore
Comments:
Drill Date(s): 2/8/12

Hole Size: 3-inch
Stick-up: NA
Datum: Mean sea level

Sheet: 1 of 1

Project No: 0249-012-001

Borehole Number: SB-8

Project: Supplemental phase II

A.K.A.:

Client: South Buffalo Charter School

Logged By: TAB

Site Location: 154 South Ogden St. Buffalo NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay with Fill*** Reddish brown, moist, low plasticity fines, some fine sand, few coarse gravel (angular), stiff, orange brick, asphalt pieces.	C1	NA	1.5		0.0 0.0		
5.0			C2	NA	0.5		0.0 0.0		
	-6.5 6.5	***Concrete***							
	-8.0 8.0	***Ash*** Grey/white, ash, very loose.	C3	NA	2.4		0.0 0.0		
10.0	-10.0 10.0	***Poorly Graded Sand with Silt and Gravel*** Brown/grey, moist to wet (14.0 fbgs), mostly fine sand, few non-plastic fines, trace to little fine gravel (sub-rounded), trace coarse gravel (sub-rounded), slight petroleum like odor.	C4	NA	1.7		0.0 0.0		2/8/12
15.0			C5	NA	1.4		0.0 0.0		
	-19.0 19.0	***Lean Clay with Sand*** Brown, wet, mostly medium plasticity fines, little fine sand, stiff. medium toughness, medium dry strength.							
20.0	-20.0 20.0	End of Borehole							
25.0									

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 54LT
Drill Method: Directpush w/ 4' macrocore
Comments:
Drill Date(s): 2/8/12

Hole Size: 3-inch
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

APPENDIX A-2

GROUNDWATER MONITORING FORMS

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: South Buffalo Charter School Date: 2/9/2012

Location: 154 South Ogden Project No.: 0429-012-001 Field Team: TAB

Well No.	**TMW-01**	Diameter (inches):	1"	Sample Date / Time:	2/9/2012
Product Depth (fbTOR):		Water Column (ft):	6.20	DTW when sampled:	
DTW (static) (fbTOR):	14.00	One Well Volume (gal)	0.26	Purpose: ☑ Direct Grab	☐ Direct Grab and Sample
Total Depth (fbTOR):	20.20	Total Volume Purged (gal):	###	Purge Method:	bailer

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
8:45	S1	<.25	6.65	8	19.1	>1000	2.49	-116	greyish, no odor
	S2								

Well No.	**TMW-02**	Diameter (inches):	1"	Sample Date / Time:	2/9/2012
Product Depth (fbTOR		Water Column (ft):	5.00	DTW when sampled:	
DTW (static) (fbTOR):	15.22	One Well Volume (gal)	0.205	Purpose: ☑ Direct Grab	☐ Direct Grab and Sample
Total Depth (fbTOR):	20.22	Total Volume Purged (gal):	<.25	Purge Method:	bailer

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
10:00	S1	<.25	6.78	8	1684	>1000	0.75	-69	greyish, musty odor
	S2								

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: T. Behrendt

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: South Buffalo Charter School Date: 2/9/2012

Location: 154 South Ogden Project No.: 0429-012-001 Field Team: TAB

Well No.	**TMW-03**	Diameter (inches):	1"	Sample Date / Time:	2/9/2012
Product Depth (fbTOR):		Water Column (ft):	7.03	DTW when sampled:	
DTW (static) (fbTOR):	13.20	One Well Volume (gal)	0.29	Purpose: ☐ Direct Grab	☑ Direct Grab and Sample
Total Depth (fbTOR):	20.23	Total Volume Purged (gal):	###	Purge Method:	bailer/peristaltic *

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
9:15	13.20	0.29	6.57	8.3	1921	>1000	2.25	-63	greyish, mothball odor
	S2								

Well No.		Diameter (inches):		Sample Date / Time:	
Product Depth (fbTOR		Water Column (ft):		DTW when sampled:	
DTW (static) (fbTOR):		One Well Volume (gal)		Purpose: ☐ Direct Grab	☐ Direct Grab and Sample
Total Depth (fbTOR):		Total Volume Purged (gal):		Purge Method:	bailer

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

* At TMW-3, VOCs sampled via bailer on 2/8/12, SVOCs via peristaltic pump on 2/9/13

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: T. Behrendt

APPENDIX B

TEST AMERICA, INC. ANALYTICAL LABORATORY REPORTS

APPENDIX B-1

SURFACE SOIL/FILL

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-16017-1
Client Project/Site: Turnkey - 154 S. Ogden St. site

For:
Turnkey Environmental Restoration, LLC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Attn: Mr. Bryan Hann

Authorized for release by:
2/24/2012 10:32:24 AM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com

Table of Contents

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
E	Result exceeded calibration range.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and 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: 480-16017-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-16017-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike (MS) recoveries for batch 51456 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following sample contained one acid and/or one base surrogate outside acceptance limits: TP-14 (0-2) (480-16017-1 MS). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 51361 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8270C: The following samples were diluted due to the nature of the sample matrix: TP-14 (0-2) (480-16017-1 MS), TP-15 (0-2) (480-16017-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following samples were diluted due to the nature of the sample matrix: TP-14 (0-2) (480-16017-1), TP-14 (0-2) (480-16017-1 MSD), TP-17 (0-2) (480-16017-7), TP-5 (0-2) (480-16017-5). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 52014: 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data have been reported.

Method(s) 8270C: The laboratory control sample (LCS) for preparation batch 51361 exceeded control limits for the following analyte: Atrazine. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081A: The following samples were diluted due to the nature of the sample matrix : TP-14 (0-2) (480-16017-1), TP-15 (0-2) (480-16017-2), TP-14 (0-2) MS (480-16017-1 MS), TP-14 (0-2) MSD (480-16017-1 MSD). As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8081A: Matrix Spike and Matrix Spike Duplicate recoveries for batch 51406 could not be recovered due to sample matrix interferences which required sample dilution. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8081A: All primary data is reported from the RTX-CLPI column.

Method(s) 8081A: The Performance Evaluation Mixture (PEM) (PEM 480-51644/2) has a calculated breakdown of 18.38% for Endrin which is outside control limits. The quality control spikes and continuing calibration verifications associated with this PEM are all compliant, and the samples are non-detects for the affected analyte therefore, the data have been reported.

Method(s) 8082: All primary data is reported from the ZB-5 column.

Job ID: 480-16017-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8082: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 8151A: The percent difference in the associated continuing calibration verification (CCV 480-51619/26) for the analytes 2,4-D, Silvex (2,4,5-TP), 2,4,5-T exceeded 15% on the STX-CLPI column, indicating a high bias. Associated samples are non-detect for these analytes, the data is unaffected.

Method(s) 8151A: The surrogate percent difference in the associated continuing calibration verification (CCV 480-51619/26) for 2,4-Dichlorophenylacetic acid exceeded 15% on the STX-CLPI column, indicating a high bias.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The Serial Dilution (480-16017-1 SD) in batch 480-51352, exhibited results outside the quality control limits for barium, chromium, and lead. However, the Post Digestion Spike was compliant so no corrective action was necessary.

Method(s) 6010B: The Matrix Spike, TP-14 (0-2) (480-16017-1 MS), recovery for total barium in batch 480-51352 was outside control limits. The associated Matrix Spike Duplicate (MSD) and the Laboratory Control Sample (LCS SRM) recoveries met acceptance criteria, therefore no corrective action was necessary.

Method(s) 6010B: The following sample was diluted due to the presence of total manganese which interferes with total silver, chromium, and selenium: TP-3 (0-2) (480-16017-3). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

General Chemistry

Method(s) 9012A: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 51551 was outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.TP-14 (0-2) (480-16017-1 MS), TP-14 (0-2) (480-16017-1 MSD)

Method(s) 9012A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 51551 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.TP-14 (0-2) (480-16017-1 MSD)

No other analytical or quality issues were noted.

Organic Prep

Method(s) 3550B: The following samples required a Florisil clean-up to reduce matrix interferences: TP-14 (0-2) (480-16017-1), TP-14 (0-2) (480-16017-1 MS), TP-14 (0-2) (480-16017-1 MSD), TP-15 (0-2) (480-16017-2).

No other analytical or quality issues were noted.

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-14 (0-2) — Lab Sample ID: 480-16017-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.0	J	5.7	2.6	ug/Kg	1	☼	8260B	Total/NA
Anthracene	220	J	1900	49	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)anthracene	590	J	1900	33	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	620	J	1900	46	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	850	J	1900	37	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	420	J	1900	21	ug/Kg	10	☼	8270C	Total/NA
Chrysene	600	J	1900	19	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	1100	J	1900	28	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	250	J	1900	53	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	850	J	1900	40	ug/Kg	10	☼	8270C	Total/NA
Pyrene	860	J	1900	12	ug/Kg	10	☼	8270C	Total/NA
Arsenic	7.4		2.3		mg/Kg	1	☼	6010B	Total/NA
Barium	92.5		0.57		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.36		0.23		mg/Kg	1	☼	6010B	Total/NA
Chromium	16.4		0.57		mg/Kg	1	☼	6010B	Total/NA
Lead	45.0		1.1		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.082		0.022		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-15 (0-2) — Lab Sample ID: 480-16017-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.3	J	5.8	2.7	ug/Kg	1	☼	8260B	Total/NA
Acenaphthene	310	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Anthracene	1000	J	2000	52	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)anthracene	3200		2000	35	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	4100		2000	49	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	5000		2000	39	ug/Kg	10	☼	8270C	Total/NA
Benzo(g,h,i)perylene	1100	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	2200		2000	22	ug/Kg	10	☼	8270C	Total/NA
Carbazole	390	J	2000	23	ug/Kg	10	☼	8270C	Total/NA
Chrysene	3100		2000	20	ug/Kg	10	☼	8270C	Total/NA
Dibenz(a,h)anthracene	390	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	5900		2000	29	ug/Kg	10	☼	8270C	Total/NA
Fluorene	340	J	2000	46	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	1200	J	2000	56	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	4000		2000	42	ug/Kg	10	☼	8270C	Total/NA
Pyrene	5200		2000	13	ug/Kg	10	☼	8270C	Total/NA
4,4'-DDE	51	J	200	30	ug/Kg	100	☼	8081A	Total/NA
4,4'-DDT	460		200	20	ug/Kg	100	☼	8081A	Total/NA
Methoxychlor	69	J	200	27	ug/Kg	100	☼	8081A	Total/NA
Arsenic	6.5		2.3		mg/Kg	1	☼	6010B	Total/NA
Barium	484		0.58		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.1		0.23		mg/Kg	1	☼	6010B	Total/NA
Chromium	16.9		0.58		mg/Kg	1	☼	6010B	Total/NA
Lead	840		1.2		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.16		0.024		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-3 (0-2) — Lab Sample ID: 480-16017-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.4	J	5.5	2.5	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	24	J	190	2.3	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	120	J	190	2.2	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	69	J	190	1.5	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: TP-3 (0-2) (Continued)

Lab Sample ID: 480-16017-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	420		190	4.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	1100		190	3.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	1200		190	4.6	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	1500		190	3.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	320		190	2.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	880		190	2.1	ug/Kg	1	☼	8270C	Total/NA
Carbazole	160	J	190	2.2	ug/Kg	1	☼	8270C	Total/NA
Chrysene	1000		190	1.9	ug/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	120	J	190	2.2	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	72	J	190	2.0	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	2300		190	2.7	ug/Kg	1	☼	8270C	Total/NA
Fluorene	180	J	190	4.4	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	350		190	5.2	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	43	J	190	3.1	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	1600		190	4.0	ug/Kg	1	☼	8270C	Total/NA
Pyrene	1700		190	1.2	ug/Kg	1	☼	8270C	Total/NA
Arsenic	6.3		2.1		mg/Kg	1	☼	6010B	Total/NA
Barium	470		0.52		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.75		0.21		mg/Kg	1	☼	6010B	Total/NA
Chromium	21.4		2.6		mg/Kg	5	☼	6010B	Total/NA
Lead	264		1.0		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.11		0.022		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-4 (0-2)

Lab Sample ID: 480-16017-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.1	J	5.9	2.7	ug/Kg	1	☼	8260B	Total/NA
Anthracene	44	J	200	5.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	160	J	200	3.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	200		200	4.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	200		200	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	61	J	200	2.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	170	J	200	2.2	ug/Kg	1	☼	8270C	Total/NA
Chrysene	180	J	200	2.0	ug/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	20	J	200	2.3	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	350		200	2.9	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	65	J	200	5.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	160	J	200	4.2	ug/Kg	1	☼	8270C	Total/NA
Pyrene	290		200	1.3	ug/Kg	1	☼	8270C	Total/NA
Arsenic	7.8		2.5		mg/Kg	1	☼	6010B	Total/NA
Barium	110		0.63		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.28		0.25		mg/Kg	1	☼	6010B	Total/NA
Chromium	18.7		0.63		mg/Kg	1	☼	6010B	Total/NA
Lead	18.9		1.3		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: TP-5 (0-2)

Lab Sample ID: 480-16017-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	290	J	1900	33	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	270	J	1900	45	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	470	J	1900	37	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	210	J	1900	21	ug/Kg	10	☼	8270C	Total/NA
Chrysene	280	J	1900	19	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	510	J	1900	27	ug/Kg	10	☼	8270C	Total/NA

Client Sample ID: TP-5 (0-2) (Continued) — Lab Sample ID: 480-16017-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	290	J	1900	40	ug/Kg	10	☼	8270C	Total/NA
Pyrene	410	J	1900	12	ug/Kg	10	☼	8270C	Total/NA
Arsenic	9.2		2.1		mg/Kg	1	☼	6010B	Total/NA
Barium	92.6		0.53		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.36		0.21		mg/Kg	1	☼	6010B	Total/NA
Chromium	21.2		0.53		mg/Kg	1	☼	6010B	Total/NA
Lead	35.4		1.1		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.037		0.021		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-11 (0-2) — Lab Sample ID: 480-16017-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.2	J	5.7	2.6	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	15	J	200	2.4	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	22	J	200	1.6	ug/Kg	1	☼	8270C	Total/NA
Anthracene	35	J	200	5.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	160	J	200	3.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	140	J	200	4.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	260		200	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	52	J	200	2.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	130	J	200	2.2	ug/Kg	1	☼	8270C	Total/NA
Chrysene	150	J	200	2.0	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	270		200	2.9	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	60	J	200	5.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	130	J	200	4.2	ug/Kg	1	☼	8270C	Total/NA
Pyrene	200		200	1.3	ug/Kg	1	☼	8270C	Total/NA
Arsenic	9.0		2.3		mg/Kg	1	☼	6010B	Total/NA
Barium	127		0.58		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.94		0.23		mg/Kg	1	☼	6010B	Total/NA
Chromium	21.5		0.58		mg/Kg	1	☼	6010B	Total/NA
Lead	156		1.2		mg/Kg	1	☼	6010B	Total/NA
Silver	1.5		0.58		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.53		0.024		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-17 (0-2) — Lab Sample ID: 480-16017-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.0	J	5.7	2.6	ug/Kg	1	☼	8260B	Total/NA
Benzo(a)anthracene	130	J	2000	33	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	140	J	2000	38	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	97	J	2000	21	ug/Kg	10	☼	8270C	Total/NA
Chrysene	68	J	2000	19	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	160	J	2000	28	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	120	J	2000	41	ug/Kg	10	☼	8270C	Total/NA
Arsenic	9.7		2.2		mg/Kg	1	☼	6010B	Total/NA
Barium	86.0		0.55		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.39		0.22		mg/Kg	1	☼	6010B	Total/NA
Chromium	19.2		0.55		mg/Kg	1	☼	6010B	Total/NA
Lead	76.4		1.1		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.070		0.022		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-9 (0-2) — Lab Sample ID: 480-16017-8

Client Sample ID: TP-9 (0-2) (Continued)

Lab Sample ID: 480-16017-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.9	J	7.2	3.3	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	35	J	250	3.1	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	15	J	250	3.0	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	100	J	250	2.1	ug/Kg	1	☼	8270C	Total/NA
Anthracene	91	J	250	6.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	350		250	4.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	520		250	6.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	910		250	4.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	220	J	250	3.0	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	440		250	2.8	ug/Kg	1	☼	8270C	Total/NA
Carbazole	75	J	250	2.9	ug/Kg	1	☼	8270C	Total/NA
Chrysene	460		250	2.5	ug/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	73	J	250	3.0	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	18	J	250	2.6	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	730		250	3.7	ug/Kg	1	☼	8270C	Total/NA
Fluorene	27	J	250	5.8	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	200	J	250	7.0	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	29	J	250	4.2	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	410		250	5.3	ug/Kg	1	☼	8270C	Total/NA
Pyrene	510		250	1.6	ug/Kg	1	☼	8270C	Total/NA
Arsenic	16.4		2.9		mg/Kg	1	☼	6010B	Total/NA
Barium	272		0.71		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.4		0.29		mg/Kg	1	☼	6010B	Total/NA
Chromium	13.9		0.71		mg/Kg	1	☼	6010B	Total/NA
Lead	450		1.4		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.061		0.032		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-20 (0-2)

Lab Sample ID: 480-16017-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.0	J	5.6	2.6	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	46	J	190	2.3	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	80	J	190	2.2	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	15	J	190	1.5	ug/Kg	1	☼	8270C	Total/NA
Anthracene	190		190	4.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	320		190	3.2	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	280		190	4.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	570		190	3.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	110	J	190	2.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	260		190	2.1	ug/Kg	1	☼	8270C	Total/NA
Biphenyl	16	J	190	12	ug/Kg	1	☼	8270C	Total/NA
Carbazole	95	J	190	2.2	ug/Kg	1	☼	8270C	Total/NA
Chrysene	320		190	1.9	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	80	J	190	2.0	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	750		190	2.7	ug/Kg	1	☼	8270C	Total/NA
Fluorene	110	J	190	4.3	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	110	J	190	5.2	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	160	J	190	3.1	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	760		190	3.9	ug/Kg	1	☼	8270C	Total/NA
Pyrene	540		190	1.2	ug/Kg	1	☼	8270C	Total/NA
Arsenic	5.1		2.4		mg/Kg	1	☼	6010B	Total/NA
Barium	38.8		0.60		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.37		0.24		mg/Kg	1	☼	6010B	Total/NA
Chromium	7.6		0.60		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: TP-20 (0-2) (Continued)

Lab Sample ID: 480-16017-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	25.3		1.2		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.040		0.022		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TP-10 (0-2)

Lab Sample ID: 480-16017-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.0	J	5.7	2.6	ug/Kg	1	☼	8260B	Total/NA
Arsenic	4.8		2.4		mg/Kg	1	☼	6010B	Total/NA
Barium	51.8		0.60		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.28		0.24		mg/Kg	1	☼	6010B	Total/NA
Chromium	8.7		0.60		mg/Kg	1	☼	6010B	Total/NA
Lead	8.0		1.2		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.024		0.024		mg/Kg	1	☼	7471A	Total/NA

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-14 (0-2)
Date Collected: 02/07/12 09:15
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-1
Matrix: Solid
Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼		02/14/12 01:00	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.92	ug/Kg	☼		02/14/12 01:00	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼		02/14/12 01:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼		02/14/12 01:00	1
1,1-Dichloroethane	ND		5.7	0.69	ug/Kg	☼		02/14/12 01:00	1
1,1-Dichloroethene	ND		5.7	0.69	ug/Kg	☼		02/14/12 01:00	1
1,2,4-Trichlorobenzene	ND		5.7	0.34	ug/Kg	☼		02/14/12 01:00	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.8	ug/Kg	☼		02/14/12 01:00	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼		02/14/12 01:00	1
1,2-Dichlorobenzene	ND		5.7	0.44	ug/Kg	☼		02/14/12 01:00	1
1,2-Dichloroethane	ND		5.7	0.28	ug/Kg	☼		02/14/12 01:00	1
1,2-Dichloropropane	ND		5.7	2.8	ug/Kg	☼		02/14/12 01:00	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼		02/14/12 01:00	1
1,4-Dichlorobenzene	ND		5.7	0.79	ug/Kg	☼		02/14/12 01:00	1
2-Hexanone	ND		28	2.8	ug/Kg	☼		02/14/12 01:00	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼		02/14/12 01:00	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼		02/14/12 01:00	1
Acetone	ND		28	4.8	ug/Kg	☼		02/14/12 01:00	1
Benzene	ND		5.7	0.28	ug/Kg	☼		02/14/12 01:00	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼		02/14/12 01:00	1
Bromoform	ND		5.7	2.8	ug/Kg	☼		02/14/12 01:00	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼		02/14/12 01:00	1
Carbon disulfide	ND		5.7	2.8	ug/Kg	☼		02/14/12 01:00	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼		02/14/12 01:00	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼		02/14/12 01:00	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg	☼		02/14/12 01:00	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼		02/14/12 01:00	1
Chloroform	ND		5.7	0.35	ug/Kg	☼		02/14/12 01:00	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼		02/14/12 01:00	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg	☼		02/14/12 01:00	1
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/Kg	☼		02/14/12 01:00	1
Cyclohexane	ND		5.7	0.79	ug/Kg	☼		02/14/12 01:00	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼		02/14/12 01:00	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼		02/14/12 01:00	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg	☼		02/14/12 01:00	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼		02/14/12 01:00	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼		02/14/12 01:00	1
Methylcyclohexane	ND		5.7	0.86	ug/Kg	☼		02/14/12 01:00	1
Methylene Chloride	**4.0**	**J**	5.7	2.6	ug/Kg	☼		02/14/12 01:00	1
Styrene	ND		5.7	0.28	ug/Kg	☼		02/14/12 01:00	1
Tetrachloroethene	ND		5.7	0.76	ug/Kg	☼		02/14/12 01:00	1
Toluene	ND		5.7	0.43	ug/Kg	☼		02/14/12 01:00	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg	☼		02/14/12 01:00	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼		02/14/12 01:00	1
Trichloroethene	ND		5.7	1.2	ug/Kg	☼		02/14/12 01:00	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼		02/14/12 01:00	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼		02/14/12 01:00	1
Xylenes, Total	ND		11	0.95	ug/Kg	☼		02/14/12 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*		*02/14/12 01:00*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-14 (0-2)
Date Collected: 02/07/12 09:15
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-1
Matrix: Solid
Percent Solids: 86.6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*108*		*71 - 125*		*02/14/12 01:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*		*02/14/12 01:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	120	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
bis (2-chloroisopropyl) ether	ND		1900	200	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2,4,5-Trichlorophenol	ND		1900	410	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2,4,6-Trichlorophenol	ND		1900	130	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2,4-Dichlorophenol	ND		1900	100	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2,4-Dimethylphenol	ND		1900	510	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2,4-Dinitrophenol	ND		3700	660	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2,4-Dinitrotoluene	ND		1900	290	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2,6-Dinitrotoluene	ND		1900	460	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2-Chloronaphthalene	ND		1900	130	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2-Chlorophenol	ND		1900	97	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2-Methylnaphthalene	ND		1900	23	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2-Methylphenol	ND		1900	58	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2-Nitroaniline	ND		3700	610	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
2-Nitrophenol	ND		1900	87	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
3,3'-Dichlorobenzidine	ND		1900	1700	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
3-Nitroaniline	ND		3700	440	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
4,6-Dinitro-2-methylphenol	ND		3700	660	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
4-Bromophenyl phenyl ether	ND		1900	600	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
4-Chloro-3-methylphenol	ND		1900	78	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
4-Chloroaniline	ND		1900	560	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
4-Chlorophenyl phenyl ether	ND		1900	40	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
4-Methylphenol	ND		3700	110	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
4-Nitroaniline	ND		3700	210	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
4-Nitrophenol	ND		3700	460	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Acenaphthene	ND		1900	22	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Acenaphthylene	ND		1900	16	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Acetophenone	ND		1900	97	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Anthracene	**220**	**J**	1900	49	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Atrazine	ND	*	1900	84	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Benzaldehyde	ND		1900	210	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Benzo(a)anthracene	**590**	**J**	1900	33	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Benzo(a)pyrene	**620**	**J**	1900	46	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Benzo(b)fluoranthene	**850**	**J**	1900	37	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Benzo(g,h,i)perylene	ND		1900	23	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Benzo(k)fluoranthene	**420**	**J**	1900	21	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Bis(2-chloroethoxy)methane	ND		1900	100	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Bis(2-chloroethyl)ether	ND		1900	160	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Bis(2-ethylhexyl) phthalate	ND		1900	610	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Butyl benzyl phthalate	ND		1900	510	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Caprolactam	ND		1900	820	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Carbazole	ND		1900	22	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Chrysene	**600**	**J**	1900	19	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Di-n-butyl phthalate	ND		1900	660	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Di-n-octyl phthalate	ND		1900	44	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Dibenz(a,h)anthracene	ND		1900	22	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-14 (0-2)
Date Collected: 02/07/12 09:15
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-1
Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1900	20	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Diethyl phthalate	ND		1900	57	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Dimethyl phthalate	ND		1900	50	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Fluoranthene	**1100**	**J**	1900	28	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Fluorene	ND		1900	44	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Hexachlorobenzene	ND		1900	94	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Hexachlorobutadiene	ND		1900	97	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Hexachlorocyclopentadiene	ND		1900	570	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Hexachloroethane	ND		1900	150	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Indeno(1,2,3-cd)pyrene	**250**	**J**	1900	53	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Isophorone	ND		1900	95	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
N-Nitrosodi-n-propylamine	ND		1900	150	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
N-Nitrosodiphenylamine	ND		1900	100	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Naphthalene	ND		1900	32	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Nitrobenzene	ND		1900	84	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Pentachlorophenol	ND		3700	650	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Phenanthrene	**850**	**J**	1900	40	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Phenol	ND		1900	200	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10
Pyrene	**860**	**J**	1900	12	ug/Kg	☼	02/13/12 09:11	02/16/12 14:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*120*		*39 - 146*	*02/13/12 09:11*	*02/16/12 14:35*	*10*
2-Fluorobiphenyl	*127*	*X*	*37 - 120*	*02/13/12 09:11*	*02/16/12 14:35*	*10*
2-Fluorophenol	*101*		*18 - 120*	*02/13/12 09:11*	*02/16/12 14:35*	*10*
Nitrobenzene-d5	*116*		*34 - 132*	*02/13/12 09:11*	*02/16/12 14:35*	*10*
p-Terphenyl-d14	*131*		*65 - 153*	*02/13/12 09:11*	*02/16/12 14:35*	*10*
Phenol-d5	*117*		*11 - 120*	*02/13/12 09:11*	*02/16/12 14:35*	*10*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		190	37	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
4,4'-DDE	ND		190	28	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
4,4'-DDT	ND		190	19	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Aldrin	ND		190	47	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
alpha-BHC	ND		190	34	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
alpha-Chlordane	ND		190	94	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
beta-BHC	ND		190	20	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
delta-BHC	ND		190	25	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Dieldrin	ND		190	45	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Endosulfan I	ND		190	24	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Endosulfan II	ND		190	34	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Endosulfan sulfate	ND		190	35	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Endrin	ND		190	26	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Endrin aldehyde	ND		190	48	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Endrin ketone	ND		190	47	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
gamma-BHC (Lindane)	ND		190	140	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
gamma-Chlordane	ND		190	60	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Heptachlor	ND		190	30	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Heptachlor epoxide	ND		190	49	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Methoxychlor	ND		190	26	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100
Toxaphene	ND		1900	1100	ug/Kg	☼	02/13/12 13:54	02/15/12 14:16	100

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-14 (0-2)
Date Collected: 02/07/12 09:15
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-1
Matrix: Solid
Percent Solids: 86.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	62 - 137	02/13/12 13:54	02/15/12 14:16	100
DCB Decachlorobiphenyl	0	X	62 - 137	02/13/12 13:54	02/15/12 14:16	100
Tetrachloro-m-xylene	0	X	30 - 124	02/13/12 13:54	02/15/12 14:16	100
Tetrachloro-m-xylene	0	X	30 - 124	02/13/12 13:54	02/15/12 14:16	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 19:38	1
PCB-1221	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 19:38	1
PCB-1232	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 19:38	1
PCB-1242	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 19:38	1
PCB-1248	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 19:38	1
PCB-1254	ND		200	92	ug/Kg	☼	02/13/12 09:41	02/13/12 19:38	1
PCB-1260	ND		200	92	ug/Kg	☼	02/13/12 09:41	02/13/12 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		36 - 182	02/13/12 09:41	02/13/12 19:38	1
DCB Decachlorobiphenyl	82		36 - 182	02/13/12 09:41	02/13/12 19:38	1
Tetrachloro-m-xylene	75		24 - 172	02/13/12 09:41	02/13/12 19:38	1
Tetrachloro-m-xylene	83		24 - 172	02/13/12 09:41	02/13/12 19:38	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		19	6.0	ug/Kg	☼	02/13/12 14:11	02/15/12 20:10	1
Silvex (2,4,5-TP)	ND		19	6.8	ug/Kg	☼	02/13/12 14:11	02/15/12 20:10	1
2,4-D	ND		19	12	ug/Kg	☼	02/13/12 14:11	02/15/12 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	86		39 - 120	02/13/12 14:11	02/15/12 20:10	1
2,4-Dichlorophenylacetic acid	113		39 - 120	02/13/12 14:11	02/15/12 20:10	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.4**		2.3		mg/Kg	☼	02/13/12 10:00	02/13/12 19:29	1
Barium	**92.5**		0.57		mg/Kg	☼	02/13/12 10:00	02/13/12 19:29	1
Cadmium	**0.36**		0.23		mg/Kg	☼	02/13/12 10:00	02/13/12 19:29	1
Chromium	**16.4**		0.57		mg/Kg	☼	02/13/12 10:00	02/13/12 19:29	1
Lead	**45.0**		1.1		mg/Kg	☼	02/13/12 10:00	02/13/12 19:29	1
Selenium	ND		4.6		mg/Kg	☼	02/13/12 10:00	02/13/12 19:29	1
Silver	ND		0.57		mg/Kg	☼	02/13/12 10:00	02/13/12 19:29	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.082**		0.022		mg/Kg	☼	02/14/12 11:40	02/14/12 13:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1		mg/Kg	☼	02/13/12 17:00	02/14/12 12:54	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-15 (0-2)
Date Collected: 02/08/12 12:10
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-2
Matrix: Solid
Percent Solids: 82.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼		02/14/12 02:16	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.94	ug/Kg	☼		02/14/12 02:16	1
1,1,2-Trichloroethane	ND		5.8	0.75	ug/Kg	☼		02/14/12 02:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.3	ug/Kg	☼		02/14/12 02:16	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg	☼		02/14/12 02:16	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼		02/14/12 02:16	1
1,2,4-Trichlorobenzene	ND		5.8	0.35	ug/Kg	☼		02/14/12 02:16	1
1,2-Dibromo-3-Chloropropane	ND		5.8	2.9	ug/Kg	☼		02/14/12 02:16	1
1,2-Dibromoethane	ND		5.8	0.75	ug/Kg	☼		02/14/12 02:16	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg	☼		02/14/12 02:16	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼		02/14/12 02:16	1
1,2-Dichloropropane	ND		5.8	2.9	ug/Kg	☼		02/14/12 02:16	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼		02/14/12 02:16	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg	☼		02/14/12 02:16	1
2-Hexanone	ND		29	2.9	ug/Kg	☼		02/14/12 02:16	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼		02/14/12 02:16	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼		02/14/12 02:16	1
Acetone	ND		29	4.9	ug/Kg	☼		02/14/12 02:16	1
Benzene	ND		5.8	0.28	ug/Kg	☼		02/14/12 02:16	1
Bromodichloromethane	ND		5.8	0.78	ug/Kg	☼		02/14/12 02:16	1
Bromoform	ND		5.8	2.9	ug/Kg	☼		02/14/12 02:16	1
Bromomethane	ND		5.8	0.52	ug/Kg	☼		02/14/12 02:16	1
Carbon disulfide	ND		5.8	2.9	ug/Kg	☼		02/14/12 02:16	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼		02/14/12 02:16	1
Chlorobenzene	ND		5.8	0.77	ug/Kg	☼		02/14/12 02:16	1
Dibromochloromethane	ND		5.8	0.74	ug/Kg	☼		02/14/12 02:16	1
Chloroethane	ND		5.8	1.3	ug/Kg	☼		02/14/12 02:16	1
Chloroform	ND		5.8	0.36	ug/Kg	☼		02/14/12 02:16	1
Chloromethane	ND		5.8	0.35	ug/Kg	☼		02/14/12 02:16	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg	☼		02/14/12 02:16	1
cis-1,3-Dichloropropene	ND		5.8	0.84	ug/Kg	☼		02/14/12 02:16	1
Cyclohexane	ND		5.8	0.81	ug/Kg	☼		02/14/12 02:16	1
Dichlorodifluoromethane	ND		5.8	0.48	ug/Kg	☼		02/14/12 02:16	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼		02/14/12 02:16	1
Isopropylbenzene	ND		5.8	0.88	ug/Kg	☼		02/14/12 02:16	1
Methyl acetate	ND		5.8	1.1	ug/Kg	☼		02/14/12 02:16	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼		02/14/12 02:16	1
Methylcyclohexane	ND		5.8	0.88	ug/Kg	☼		02/14/12 02:16	1
Methylene Chloride	**4.3**	**J**	5.8	2.7	ug/Kg	☼		02/14/12 02:16	1
Styrene	ND		5.8	0.29	ug/Kg	☼		02/14/12 02:16	1
Tetrachloroethene	ND		5.8	0.78	ug/Kg	☼		02/14/12 02:16	1
Toluene	ND		5.8	0.44	ug/Kg	☼		02/14/12 02:16	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼		02/14/12 02:16	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼		02/14/12 02:16	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼		02/14/12 02:16	1
Trichlorofluoromethane	ND		5.8	0.55	ug/Kg	☼		02/14/12 02:16	1
Vinyl chloride	ND		5.8	0.71	ug/Kg	☼		02/14/12 02:16	1
Xylenes, Total	ND		12	0.97	ug/Kg	☼		02/14/12 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*		*02/14/12 02:16*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-15 (0-2)
Date Collected: 02/08/12 12:10
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-2
Matrix: Solid
Percent Solids: 82.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*109*		*71 - 125*		*02/14/12 02:16*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 126*		*02/14/12 02:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	130	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
bis (2-chloroisopropyl) ether	ND		2000	210	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2,4,5-Trichlorophenol	ND		2000	440	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2,4,6-Trichlorophenol	ND		2000	130	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2,4-Dichlorophenol	ND		2000	110	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2,4-Dimethylphenol	ND		2000	540	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2,4-Dinitrophenol	ND		3900	700	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2,4-Dinitrotoluene	ND		2000	310	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2,6-Dinitrotoluene	ND		2000	490	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2-Chloronaphthalene	ND		2000	140	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2-Chlorophenol	ND		2000	100	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2-Methylnaphthalene	ND		2000	24	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2-Methylphenol	ND		2000	62	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2-Nitroaniline	ND		3900	650	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
2-Nitrophenol	ND		2000	92	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
3,3'-Dichlorobenzidine	ND		2000	1800	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
3-Nitroaniline	ND		3900	460	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
4,6-Dinitro-2-methylphenol	ND		3900	690	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
4-Bromophenyl phenyl ether	ND		2000	640	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
4-Chloro-3-methylphenol	ND		2000	83	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
4-Chloroaniline	ND		2000	590	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
4-Chlorophenyl phenyl ether	ND		2000	43	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
4-Methylphenol	ND		3900	110	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
4-Nitroaniline	ND		3900	220	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
4-Nitrophenol	ND		3900	490	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Acenaphthene	**310**	**J**	2000	24	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Acenaphthylene	ND		2000	16	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Acetophenone	ND		2000	100	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Anthracene	**1000**	**J**	2000	52	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Atrazine	ND	*	2000	90	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Benzaldehyde	ND		2000	220	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Benzo(a)anthracene	**3200**		2000	35	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Benzo(a)pyrene	**4100**		2000	49	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Benzo(b)fluoranthene	**5000**		2000	39	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Benzo(g,h,i)perylene	**1100**	**J**	2000	24	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Benzo(k)fluoranthene	**2200**		2000	22	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Bis(2-chloroethoxy)methane	ND		2000	110	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Bis(2-chloroethyl)ether	ND		2000	170	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Bis(2-ethylhexyl) phthalate	ND		2000	650	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Butyl benzyl phthalate	ND		2000	540	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Caprolactam	ND		2000	870	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Carbazole	**390**	**J**	2000	23	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Chrysene	**3100**		2000	20	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Di-n-butyl phthalate	ND		2000	700	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Di-n-octyl phthalate	ND		2000	47	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Dibenz(a,h)anthracene	**390**	**J**	2000	24	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-15 (0-2)
Date Collected: 02/08/12 12:10
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-2
Matrix: Solid
Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		2000	21	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Diethyl phthalate	ND		2000	61	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Dimethyl phthalate	ND		2000	53	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Fluoranthene	**5900**		2000	29	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Fluorene	**340**	**J**	2000	46	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Hexachlorobenzene	ND		2000	100	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Hexachlorobutadiene	ND		2000	100	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Hexachlorocyclopentadiene	ND		2000	610	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Hexachloroethane	ND		2000	160	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Indeno(1,2,3-cd)pyrene	**1200**	**J**	2000	56	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Isophorone	ND		2000	100	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
N-Nitrosodi-n-propylamine	ND		2000	160	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
N-Nitrosodiphenylamine	ND		2000	110	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Naphthalene	ND		2000	33	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Nitrobenzene	ND		2000	89	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Pentachlorophenol	ND		3900	690	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Phenanthrene	**4000**		2000	42	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Phenol	ND		2000	210	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10
Pyrene	**5200**		2000	13	ug/Kg	☼	02/13/12 09:11	02/16/12 02:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*111*		*39 - 146*	*02/13/12 09:11*	*02/16/12 02:41*	*10*
2-Fluorobiphenyl	*111*		*37 - 120*	*02/13/12 09:11*	*02/16/12 02:41*	*10*
2-Fluorophenol	*85*		*18 - 120*	*02/13/12 09:11*	*02/16/12 02:41*	*10*
Nitrobenzene-d5	*106*		*34 - 132*	*02/13/12 09:11*	*02/16/12 02:41*	*10*
p-Terphenyl-d14	*119*		*65 - 153*	*02/13/12 09:11*	*02/16/12 02:41*	*10*
Phenol-d5	*98*		*11 - 120*	*02/13/12 09:11*	*02/16/12 02:41*	*10*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		200	39	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
4,4'-DDE	**51**	**J**	200	30	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
4,4'-DDT	**460**		200	20	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Aldrin	ND		200	49	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
alpha-BHC	ND		200	36	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
alpha-Chlordane	ND		200	99	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
beta-BHC	ND		200	21	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
delta-BHC	ND		200	26	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Dieldrin	ND		200	48	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Endosulfan I	ND		200	25	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Endosulfan II	ND		200	36	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Endosulfan sulfate	ND		200	37	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Endrin	ND		200	27	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Endrin aldehyde	ND		200	51	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Endrin ketone	ND		200	49	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
gamma-BHC (Lindane)	ND		200	140	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
gamma-Chlordane	ND		200	63	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Heptachlor	ND		200	31	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Heptachlor epoxide	ND		200	51	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Methoxychlor	**69**	**J**	200	27	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100
Toxaphene	ND		2000	1200	ug/Kg	☼	02/13/12 13:54	02/15/12 14:57	100

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-15 (0-2)
Date Collected: 02/08/12 12:10
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-2
Matrix: Solid
Percent Solids: 82.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	62 - 137	02/13/12 13:54	02/15/12 14:57	100
DCB Decachlorobiphenyl	0	X	62 - 137	02/13/12 13:54	02/15/12 14:57	100
Tetrachloro-m-xylene	0	X	30 - 124	02/13/12 13:54	02/15/12 14:57	100
Tetrachloro-m-xylene	0	X	30 - 124	02/13/12 13:54	02/15/12 14:57	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 19:52	1
PCB-1221	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 19:52	1
PCB-1232	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 19:52	1
PCB-1242	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 19:52	1
PCB-1248	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 19:52	1
PCB-1254	ND		280	130	ug/Kg	☼	02/13/12 09:41	02/13/12 19:52	1
PCB-1260	ND		280	130	ug/Kg	☼	02/13/12 09:41	02/13/12 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	132		36 - 182	02/13/12 09:41	02/13/12 19:52	1
DCB Decachlorobiphenyl	129		36 - 182	02/13/12 09:41	02/13/12 19:52	1
Tetrachloro-m-xylene	89		24 - 172	02/13/12 09:41	02/13/12 19:52	1
Tetrachloro-m-xylene	99		24 - 172	02/13/12 09:41	02/13/12 19:52	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		20	6.3	ug/Kg	☼	02/13/12 14:11	02/15/12 21:09	1
Silvex (2,4,5-TP)	ND		20	7.1	ug/Kg	☼	02/13/12 14:11	02/15/12 21:09	1
2,4-D	ND		20	12	ug/Kg	☼	02/13/12 14:11	02/15/12 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	96		39 - 120	02/13/12 14:11	02/15/12 21:09	1
2,4-Dichlorophenylacetic acid	97		39 - 120	02/13/12 14:11	02/15/12 21:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.5**		2.3		mg/Kg	☼	02/13/12 10:00	02/13/12 19:40	1
Barium	**484**		0.58		mg/Kg	☼	02/13/12 10:00	02/13/12 19:40	1
Cadmium	**1.1**		0.23		mg/Kg	☼	02/13/12 10:00	02/13/12 19:40	1
Chromium	**16.9**		0.58		mg/Kg	☼	02/13/12 10:00	02/13/12 19:40	1
Lead	**840**		1.2		mg/Kg	☼	02/13/12 10:00	02/13/12 19:40	1
Selenium	ND		4.6		mg/Kg	☼	02/13/12 10:00	02/13/12 19:40	1
Silver	ND		0.58		mg/Kg	☼	02/13/12 10:00	02/13/12 19:40	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.16**		0.024		mg/Kg	☼	02/14/12 11:40	02/14/12 13:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1		mg/Kg	☼	02/13/12 17:00	02/14/12 12:57	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-3 (0-2)
Date Collected: 02/07/12 16:10
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-3
Matrix: Solid
Percent Solids: 88.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼		02/14/12 02:41	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.90	ug/Kg	☼		02/14/12 02:41	1
1,1,2-Trichloroethane	ND		5.5	0.72	ug/Kg	☼		02/14/12 02:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.3	ug/Kg	☼		02/14/12 02:41	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼		02/14/12 02:41	1
1,1-Dichloroethene	ND		5.5	0.68	ug/Kg	☼		02/14/12 02:41	1
1,2,4-Trichlorobenzene	ND		5.5	0.34	ug/Kg	☼		02/14/12 02:41	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.8	ug/Kg	☼		02/14/12 02:41	1
1,2-Dibromoethane	ND		5.5	0.71	ug/Kg	☼		02/14/12 02:41	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼		02/14/12 02:41	1
1,2-Dichloroethane	ND		5.5	0.28	ug/Kg	☼		02/14/12 02:41	1
1,2-Dichloropropane	ND		5.5	2.8	ug/Kg	☼		02/14/12 02:41	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼		02/14/12 02:41	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼		02/14/12 02:41	1
2-Hexanone	ND		28	2.8	ug/Kg	☼		02/14/12 02:41	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg	☼		02/14/12 02:41	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼		02/14/12 02:41	1
Acetone	ND		28	4.7	ug/Kg	☼		02/14/12 02:41	1
Benzene	ND		5.5	0.27	ug/Kg	☼		02/14/12 02:41	1
Bromodichloromethane	ND		5.5	0.74	ug/Kg	☼		02/14/12 02:41	1
Bromoform	ND		5.5	2.8	ug/Kg	☼		02/14/12 02:41	1
Bromomethane	ND		5.5	0.50	ug/Kg	☼		02/14/12 02:41	1
Carbon disulfide	ND		5.5	2.8	ug/Kg	☼		02/14/12 02:41	1
Carbon tetrachloride	ND		5.5	0.54	ug/Kg	☼		02/14/12 02:41	1
Chlorobenzene	ND		5.5	0.73	ug/Kg	☼		02/14/12 02:41	1
Dibromochloromethane	ND		5.5	0.71	ug/Kg	☼		02/14/12 02:41	1
Chloroethane	ND		5.5	1.2	ug/Kg	☼		02/14/12 02:41	1
Chloroform	ND		5.5	0.34	ug/Kg	☼		02/14/12 02:41	1
Chloromethane	ND		5.5	0.33	ug/Kg	☼		02/14/12 02:41	1
cis-1,2-Dichloroethene	ND		5.5	0.71	ug/Kg	☼		02/14/12 02:41	1
cis-1,3-Dichloropropene	ND		5.5	0.80	ug/Kg	☼		02/14/12 02:41	1
Cyclohexane	ND		5.5	0.77	ug/Kg	☼		02/14/12 02:41	1
Dichlorodifluoromethane	ND		5.5	0.46	ug/Kg	☼		02/14/12 02:41	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☼		02/14/12 02:41	1
Isopropylbenzene	ND		5.5	0.83	ug/Kg	☼		02/14/12 02:41	1
Methyl acetate	ND		5.5	1.0	ug/Kg	☼		02/14/12 02:41	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☼		02/14/12 02:41	1
Methylcyclohexane	ND		5.5	0.84	ug/Kg	☼		02/14/12 02:41	1
Methylene Chloride	**3.4**	**J**	5.5	2.5	ug/Kg	☼		02/14/12 02:41	1
Styrene	ND		5.5	0.28	ug/Kg	☼		02/14/12 02:41	1
Tetrachloroethene	ND		5.5	0.74	ug/Kg	☼		02/14/12 02:41	1
Toluene	ND		5.5	0.42	ug/Kg	☼		02/14/12 02:41	1
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/Kg	☼		02/14/12 02:41	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼		02/14/12 02:41	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☼		02/14/12 02:41	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☼		02/14/12 02:41	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼		02/14/12 02:41	1
Xylenes, Total	ND		11	0.93	ug/Kg	☼		02/14/12 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*		*02/14/12 02:41*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-3 (0-2)
Date Collected: 02/07/12 16:10
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-3
Matrix: Solid
Percent Solids: 88.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*107*		*71 - 125*		*02/14/12 02:41*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 126*		*02/14/12 02:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		190	29	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
2,6-Dinitrotoluene	ND		190	46	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
2-Chloronaphthalene	ND		190	13	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
2-Methylnaphthalene	**24**	**J**	190	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
2-Nitroaniline	ND		370	61	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
3,3'-Dichlorobenzidine	ND		190	170	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
3-Nitroaniline	ND		370	43	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
4-Bromophenyl phenyl ether	ND		190	60	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
4-Chloroaniline	ND		190	55	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
4-Chlorophenyl phenyl ether	ND		190	4.0	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
4-Nitroaniline	ND		370	21	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Acenaphthene	**120**	**J**	190	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Acenaphthylene	**69**	**J**	190	1.5	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Acetophenone	ND		190	9.7	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Anthracene	**420**		190	4.8	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Atrazine	ND	*	190	8.4	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Benzaldehyde	ND		190	21	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Benzo(a)anthracene	**1100**		190	3.3	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Benzo(a)pyrene	**1200**		190	4.6	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Benzo(b)fluoranthene	**1500**		190	3.7	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Benzo(g,h,i)perylene	**320**		190	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Benzo(k)fluoranthene	**880**		190	2.1	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Biphenyl	ND		190	12	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
bis (2-chloroisopropyl) ether	ND		190	20	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Bis(2-chloroethoxy)methane	ND		190	10	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Bis(2-chloroethyl)ether	ND		190	16	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Bis(2-ethylhexyl) phthalate	ND		190	61	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Butyl benzyl phthalate	ND		190	51	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Caprolactam	ND		190	82	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Carbazole	**160**	**J**	190	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Chrysene	**1000**		190	1.9	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Dibenz(a,h)anthracene	**120**	**J**	190	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Dibenzofuran	**72**	**J**	190	2.0	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Diethyl phthalate	ND		190	5.7	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Dimethyl phthalate	ND		190	4.9	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Di-n-octyl phthalate	ND		190	4.4	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Fluoranthene	**2300**		190	2.7	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Fluorene	**180**	**J**	190	4.4	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Hexachlorobenzene	ND		190	9.4	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Hexachlorobutadiene	ND		190	9.7	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Hexachlorocyclopentadiene	ND		190	57	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Hexachloroethane	ND		190	15	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Indeno(1,2,3-cd)pyrene	**350**		190	5.2	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Isophorone	ND		190	9.4	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Naphthalene	**43**	**J**	190	3.1	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-3 (0-2)
Date Collected: 02/07/12 16:10
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-3
Matrix: Solid
Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		190	8.4	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
N-Nitrosodi-n-propylamine	ND		190	15	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
N-Nitrosodiphenylamine	ND		190	10	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Phenanthrene	**1600**		190	4.0	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1
Pyrene	**1700**		190	1.2	ug/Kg	☼	02/13/12 09:11	02/16/12 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*114*		*39 - 146*	*02/13/12 09:11*	*02/16/12 14:58*	*1*
2-Fluorobiphenyl	*107*		*37 - 120*	*02/13/12 09:11*	*02/16/12 14:58*	*1*
2-Fluorophenol	*90*		*18 - 120*	*02/13/12 09:11*	*02/16/12 14:58*	*1*
Nitrobenzene-d5	*103*		*34 - 132*	*02/13/12 09:11*	*02/16/12 14:58*	*1*
Phenol-d5	*102*		*11 - 120*	*02/13/12 09:11*	*02/16/12 14:58*	*1*
p-Terphenyl-d14	*112*		*65 - 153*	*02/13/12 09:11*	*02/16/12 14:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:07	1
PCB-1221	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:07	1
PCB-1232	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:07	1
PCB-1242	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:07	1
PCB-1248	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:07	1
PCB-1254	ND		280	130	ug/Kg	☼	02/13/12 09:41	02/13/12 20:07	1
PCB-1260	ND		280	130	ug/Kg	☼	02/13/12 09:41	02/13/12 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*36 - 182*	*02/13/12 09:41*	*02/13/12 20:07*	*1*
DCB Decachlorobiphenyl	*108*		*36 - 182*	*02/13/12 09:41*	*02/13/12 20:07*	*1*
Tetrachloro-m-xylene	*102*		*24 - 172*	*02/13/12 09:41*	*02/13/12 20:07*	*1*
Tetrachloro-m-xylene	*112*		*24 - 172*	*02/13/12 09:41*	*02/13/12 20:07*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.3**		2.1		mg/Kg	☼	02/13/12 10:00	02/13/12 19:43	1
Barium	**470**		0.52		mg/Kg	☼	02/13/12 10:00	02/13/12 19:43	1
Cadmium	**0.75**		0.21		mg/Kg	☼	02/13/12 10:00	02/13/12 19:43	1
Chromium	**21.4**		2.6		mg/Kg	☼	02/13/12 10:00	02/14/12 17:04	5
Lead	**264**		1.0		mg/Kg	☼	02/13/12 10:00	02/13/12 19:43	1
Selenium	ND		20.7		mg/Kg	☼	02/13/12 10:00	02/14/12 17:04	5
Silver	ND		2.6		mg/Kg	☼	02/13/12 10:00	02/14/12 17:04	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.022		mg/Kg	☼	02/14/12 11:40	02/14/12 13:43	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-4 (0-2)
Date Collected: 02/07/12 12:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-4
Matrix: Solid
Percent Solids: 83.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼		02/14/12 03:07	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/Kg	☼		02/14/12 03:07	1
1,1,2-Trichloroethane	ND		5.9	0.77	ug/Kg	☼		02/14/12 03:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.4	ug/Kg	☼		02/14/12 03:07	1
1,1-Dichloroethane	ND		5.9	0.73	ug/Kg	☼		02/14/12 03:07	1
1,1-Dichloroethene	ND		5.9	0.73	ug/Kg	☼		02/14/12 03:07	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☼		02/14/12 03:07	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.0	ug/Kg	☼		02/14/12 03:07	1
1,2-Dibromoethane	ND		5.9	0.76	ug/Kg	☼		02/14/12 03:07	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼		02/14/12 03:07	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg	☼		02/14/12 03:07	1
1,2-Dichloropropane	ND		5.9	3.0	ug/Kg	☼		02/14/12 03:07	1
1,3-Dichlorobenzene	ND		5.9	0.31	ug/Kg	☼		02/14/12 03:07	1
1,4-Dichlorobenzene	ND		5.9	0.83	ug/Kg	☼		02/14/12 03:07	1
2-Hexanone	ND		30	3.0	ug/Kg	☼		02/14/12 03:07	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼		02/14/12 03:07	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼		02/14/12 03:07	1
Acetone	ND		30	5.0	ug/Kg	☼		02/14/12 03:07	1
Benzene	ND		5.9	0.29	ug/Kg	☼		02/14/12 03:07	1
Bromodichloromethane	ND		5.9	0.80	ug/Kg	☼		02/14/12 03:07	1
Bromoform	ND		5.9	3.0	ug/Kg	☼		02/14/12 03:07	1
Bromomethane	ND		5.9	0.54	ug/Kg	☼		02/14/12 03:07	1
Carbon disulfide	ND		5.9	3.0	ug/Kg	☼		02/14/12 03:07	1
Carbon tetrachloride	ND		5.9	0.58	ug/Kg	☼		02/14/12 03:07	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼		02/14/12 03:07	1
Dibromochloromethane	ND		5.9	0.76	ug/Kg	☼		02/14/12 03:07	1
Chloroethane	ND		5.9	1.3	ug/Kg	☼		02/14/12 03:07	1
Chloroform	ND		5.9	0.37	ug/Kg	☼		02/14/12 03:07	1
Chloromethane	ND		5.9	0.36	ug/Kg	☼		02/14/12 03:07	1
cis-1,2-Dichloroethene	ND		5.9	0.76	ug/Kg	☼		02/14/12 03:07	1
cis-1,3-Dichloropropene	ND		5.9	0.86	ug/Kg	☼		02/14/12 03:07	1
Cyclohexane	ND		5.9	0.83	ug/Kg	☼		02/14/12 03:07	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg	☼		02/14/12 03:07	1
Ethylbenzene	ND		5.9	0.41	ug/Kg	☼		02/14/12 03:07	1
Isopropylbenzene	ND		5.9	0.90	ug/Kg	☼		02/14/12 03:07	1
Methyl acetate	ND		5.9	1.1	ug/Kg	☼		02/14/12 03:07	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼		02/14/12 03:07	1
Methylcyclohexane	ND		5.9	0.90	ug/Kg	☼		02/14/12 03:07	1
Methylene Chloride	**4.1**	**J**	5.9	2.7	ug/Kg	☼		02/14/12 03:07	1
Styrene	ND		5.9	0.30	ug/Kg	☼		02/14/12 03:07	1
Tetrachloroethene	ND		5.9	0.80	ug/Kg	☼		02/14/12 03:07	1
Toluene	ND		5.9	0.45	ug/Kg	☼		02/14/12 03:07	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼		02/14/12 03:07	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼		02/14/12 03:07	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☼		02/14/12 03:07	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg	☼		02/14/12 03:07	1
Vinyl chloride	ND		5.9	0.73	ug/Kg	☼		02/14/12 03:07	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼		02/14/12 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*		*02/14/12 03:07*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-4 (0-2)
Date Collected: 02/07/12 12:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-4
Matrix: Solid
Percent Solids: 83.1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*71 - 125*		*02/14/12 03:07*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*		*02/14/12 03:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		200	31	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
2,6-Dinitrotoluene	ND		200	49	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
2-Chloronaphthalene	ND		200	13	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
2-Methylnaphthalene	ND		200	2.4	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
2-Nitroaniline	ND		390	64	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
3,3'-Dichlorobenzidine	ND		200	170	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
3-Nitroaniline	ND		390	46	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
4-Bromophenyl phenyl ether	ND		200	63	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
4-Chloroaniline	ND		200	58	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
4-Chlorophenyl phenyl ether	ND		200	4.2	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
4-Nitroaniline	ND		390	22	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Acenaphthene	ND		200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Acenaphthylene	ND		200	1.6	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Acetophenone	ND		200	10	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Anthracene	**44**	**J**	200	5.1	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Atrazine	ND	*	200	8.9	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Benzaldehyde	ND		200	22	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Benzo(a)anthracene	**160**	**J**	200	3.4	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Benzo(a)pyrene	**200**		200	4.8	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Benzo(b)fluoranthene	**200**		200	3.9	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Benzo(g,h,i)perylene	**61**	**J**	200	2.4	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Benzo(k)fluoranthene	**170**	**J**	200	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Biphenyl	ND		200	12	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
bis (2-chloroisopropyl) ether	ND		200	21	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Bis(2-chloroethoxy)methane	ND		200	11	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Bis(2-chloroethyl)ether	ND		200	17	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Bis(2-ethylhexyl) phthalate	ND		200	64	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Butyl benzyl phthalate	ND		200	53	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Caprolactam	ND		200	86	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Carbazole	ND		200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Chrysene	**180**	**J**	200	2.0	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Dibenz(a,h)anthracene	**20**	**J**	200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Dibenzofuran	ND		200	2.1	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Diethyl phthalate	ND		200	6.0	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Dimethyl phthalate	ND		200	5.2	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Di-n-butyl phthalate	ND		200	69	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Di-n-octyl phthalate	ND		200	4.7	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Fluoranthene	**350**		200	2.9	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Fluorene	ND		200	4.6	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Hexachlorobenzene	ND		200	9.9	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Hexachlorobutadiene	ND		200	10	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Hexachlorocyclopentadiene	ND		200	60	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Hexachloroethane	ND		200	15	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Indeno(1,2,3-cd)pyrene	**65**	**J**	200	5.5	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Isophorone	ND		200	9.9	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Naphthalene	ND		200	3.3	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-4 (0-2)
Date Collected: 02/07/12 12:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-4
Matrix: Solid
Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		200	8.8	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
N-Nitrosodi-n-propylamine	ND		200	16	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
N-Nitrosodiphenylamine	ND		200	11	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Phenanthrene	**160**	**J**	200	4.2	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1
Pyrene	**290**		200	1.3	ug/Kg	☼	02/13/12 09:11	02/16/12 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*116*		*39 - 146*	*02/13/12 09:11*	*02/16/12 15:22*	*1*
2-Fluorobiphenyl	*106*		*37 - 120*	*02/13/12 09:11*	*02/16/12 15:22*	*1*
2-Fluorophenol	*85*		*18 - 120*	*02/13/12 09:11*	*02/16/12 15:22*	*1*
Nitrobenzene-d5	*97*		*34 - 132*	*02/13/12 09:11*	*02/16/12 15:22*	*1*
Phenol-d5	*96*		*11 - 120*	*02/13/12 09:11*	*02/16/12 15:22*	*1*
p-Terphenyl-d14	*112*		*65 - 153*	*02/13/12 09:11*	*02/16/12 15:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270	52	ug/Kg	☼	02/13/12 09:41	02/13/12 20:22	1
PCB-1221	ND		270	52	ug/Kg	☼	02/13/12 09:41	02/13/12 20:22	1
PCB-1232	ND		270	52	ug/Kg	☼	02/13/12 09:41	02/13/12 20:22	1
PCB-1242	ND		270	52	ug/Kg	☼	02/13/12 09:41	02/13/12 20:22	1
PCB-1248	ND		270	52	ug/Kg	☼	02/13/12 09:41	02/13/12 20:22	1
PCB-1254	ND		270	130	ug/Kg	☼	02/13/12 09:41	02/13/12 20:22	1
PCB-1260	ND		270	130	ug/Kg	☼	02/13/12 09:41	02/13/12 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*36 - 182*	*02/13/12 09:41*	*02/13/12 20:22*	*1*
DCB Decachlorobiphenyl	*96*		*36 - 182*	*02/13/12 09:41*	*02/13/12 20:22*	*1*
Tetrachloro-m-xylene	*91*		*24 - 172*	*02/13/12 09:41*	*02/13/12 20:22*	*1*
Tetrachloro-m-xylene	*99*		*24 - 172*	*02/13/12 09:41*	*02/13/12 20:22*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.8**		2.5		mg/Kg	☼	02/13/12 10:00	02/13/12 19:45	1
Barium	**110**		0.63		mg/Kg	☼	02/13/12 10:00	02/13/12 19:45	1
Cadmium	**0.28**		0.25		mg/Kg	☼	02/13/12 10:00	02/13/12 19:45	1
Chromium	**18.7**		0.63		mg/Kg	☼	02/13/12 10:00	02/13/12 19:45	1
Lead	**18.9**		1.3		mg/Kg	☼	02/13/12 10:00	02/13/12 19:45	1
Selenium	ND		5.0		mg/Kg	☼	02/13/12 10:00	02/13/12 19:45	1
Silver	ND		0.63		mg/Kg	☼	02/13/12 10:00	02/13/12 19:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.026		mg/Kg	☼	02/14/12 11:40	02/14/12 13:45	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-5 (0-2)
Date Collected: 02/07/12 11:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-5
Matrix: Solid
Percent Solids: 88.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg	☼		02/14/12 03:32	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.91	ug/Kg	☼		02/14/12 03:32	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg	☼		02/14/12 03:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼		02/14/12 03:32	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg	☼		02/14/12 03:32	1
1,1-Dichloroethene	ND		5.6	0.69	ug/Kg	☼		02/14/12 03:32	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☼		02/14/12 03:32	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☼		02/14/12 03:32	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg	☼		02/14/12 03:32	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☼		02/14/12 03:32	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼		02/14/12 03:32	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼		02/14/12 03:32	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼		02/14/12 03:32	1
1,4-Dichlorobenzene	ND		5.6	0.79	ug/Kg	☼		02/14/12 03:32	1
2-Hexanone	ND		28	2.8	ug/Kg	☼		02/14/12 03:32	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼		02/14/12 03:32	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼		02/14/12 03:32	1
Acetone	ND		28	4.7	ug/Kg	☼		02/14/12 03:32	1
Benzene	ND		5.6	0.28	ug/Kg	☼		02/14/12 03:32	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg	☼		02/14/12 03:32	1
Bromoform	ND		5.6	2.8	ug/Kg	☼		02/14/12 03:32	1
Bromomethane	ND		5.6	0.51	ug/Kg	☼		02/14/12 03:32	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼		02/14/12 03:32	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☼		02/14/12 03:32	1
Chlorobenzene	ND		5.6	0.74	ug/Kg	☼		02/14/12 03:32	1
Dibromochloromethane	ND		5.6	0.72	ug/Kg	☼		02/14/12 03:32	1
Chloroethane	ND		5.6	1.3	ug/Kg	☼		02/14/12 03:32	1
Chloroform	ND		5.6	0.35	ug/Kg	☼		02/14/12 03:32	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼		02/14/12 03:32	1
cis-1,2-Dichloroethene	ND		5.6	0.72	ug/Kg	☼		02/14/12 03:32	1
cis-1,3-Dichloropropene	ND		5.6	0.81	ug/Kg	☼		02/14/12 03:32	1
Cyclohexane	ND		5.6	0.79	ug/Kg	☼		02/14/12 03:32	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg	☼		02/14/12 03:32	1
Ethylbenzene	ND		5.6	0.39	ug/Kg	☼		02/14/12 03:32	1
Isopropylbenzene	ND		5.6	0.85	ug/Kg	☼		02/14/12 03:32	1
Methyl acetate	ND		5.6	1.0	ug/Kg	☼		02/14/12 03:32	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼		02/14/12 03:32	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg	☼		02/14/12 03:32	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼		02/14/12 03:32	1
Styrene	ND		5.6	0.28	ug/Kg	☼		02/14/12 03:32	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg	☼		02/14/12 03:32	1
Toluene	ND		5.6	0.42	ug/Kg	☼		02/14/12 03:32	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☼		02/14/12 03:32	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼		02/14/12 03:32	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼		02/14/12 03:32	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼		02/14/12 03:32	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼		02/14/12 03:32	1
Xylenes, Total	ND		11	0.94	ug/Kg	☼		02/14/12 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*		*02/14/12 03:32*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-5 (0-2)
Date Collected: 02/07/12 11:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-5
Matrix: Solid
Percent Solids: 88.7

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*111*		*71 - 125*		*02/14/12 03:32*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 126*		*02/14/12 03:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		1900	290	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
2,6-Dinitrotoluene	ND		1900	460	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
2-Chloronaphthalene	ND		1900	130	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
2-Methylnaphthalene	ND		1900	23	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
2-Nitroaniline	ND		3700	610	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
3,3'-Dichlorobenzidine	ND		1900	1700	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
3-Nitroaniline	ND		3700	430	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
4-Bromophenyl phenyl ether	ND		1900	600	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
4-Chloroaniline	ND		1900	550	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
4-Chlorophenyl phenyl ether	ND		1900	40	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
4-Nitroaniline	ND		3700	210	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Acenaphthene	ND		1900	22	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Acenaphthylene	ND		1900	15	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Acetophenone	ND		1900	97	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Anthracene	ND		1900	48	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Atrazine	ND	*	1900	84	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Benzaldehyde	ND		1900	210	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Benzo(a)anthracene	**290**	**J**	1900	33	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Benzo(a)pyrene	**270**	**J**	1900	45	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Benzo(b)fluoranthene	**470**	**J**	1900	37	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Benzo(g,h,i)perylene	ND		1900	23	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Benzo(k)fluoranthene	**210**	**J**	1900	21	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Biphenyl	ND		1900	120	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
bis (2-chloroisopropyl) ether	ND		1900	200	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Bis(2-chloroethoxy)methane	ND		1900	100	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Bis(2-chloroethyl)ether	ND		1900	160	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Bis(2-ethylhexyl) phthalate	ND		1900	610	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Butyl benzyl phthalate	ND		1900	510	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Caprolactam	ND		1900	820	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Carbazole	ND		1900	22	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Chrysene	**280**	**J**	1900	19	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Dibenz(a,h)anthracene	ND		1900	22	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Dibenzofuran	ND		1900	20	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Diethyl phthalate	ND		1900	57	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Dimethyl phthalate	ND		1900	49	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Di-n-butyl phthalate	ND		1900	650	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Di-n-octyl phthalate	ND		1900	44	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Fluoranthene	**510**	**J**	1900	27	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Fluorene	ND		1900	43	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Hexachlorobenzene	ND		1900	94	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Hexachlorobutadiene	ND		1900	97	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Hexachlorocyclopentadiene	ND		1900	570	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Hexachloroethane	ND		1900	150	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Indeno(1,2,3-cd)pyrene	ND		1900	52	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Isophorone	ND		1900	94	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Naphthalene	ND		1900	31	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-5 (0-2)
Date Collected: 02/07/12 11:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-5
Matrix: Solid
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		1900	84	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
N-Nitrosodi-n-propylamine	ND		1900	150	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
N-Nitrosodiphenylamine	ND		1900	100	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Phenanthrene	**290**	**J**	1900	40	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10
Pyrene	**410**	**J**	1900	12	ug/Kg	☼	02/13/12 09:11	02/16/12 15:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*39 - 146*	*02/13/12 09:11*	*02/16/12 15:45*	*10*
2-Fluorobiphenyl	*107*		*37 - 120*	*02/13/12 09:11*	*02/16/12 15:45*	*10*
2-Fluorophenol	*89*		*18 - 120*	*02/13/12 09:11*	*02/16/12 15:45*	*10*
Nitrobenzene-d5	*96*		*34 - 132*	*02/13/12 09:11*	*02/16/12 15:45*	*10*
Phenol-d5	*98*		*11 - 120*	*02/13/12 09:11*	*02/16/12 15:45*	*10*
p-Terphenyl-d14	*115*		*65 - 153*	*02/13/12 09:11*	*02/16/12 15:45*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 20:37	1
PCB-1221	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 20:37	1
PCB-1232	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 20:37	1
PCB-1242	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 20:37	1
PCB-1248	ND		200	38	ug/Kg	☼	02/13/12 09:41	02/13/12 20:37	1
PCB-1254	ND		200	92	ug/Kg	☼	02/13/12 09:41	02/13/12 20:37	1
PCB-1260	ND		200	92	ug/Kg	☼	02/13/12 09:41	02/13/12 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*36 - 182*	*02/13/12 09:41*	*02/13/12 20:37*	*1*
DCB Decachlorobiphenyl	*107*		*36 - 182*	*02/13/12 09:41*	*02/13/12 20:37*	*1*
Tetrachloro-m-xylene	*102*		*24 - 172*	*02/13/12 09:41*	*02/13/12 20:37*	*1*
Tetrachloro-m-xylene	*111*		*24 - 172*	*02/13/12 09:41*	*02/13/12 20:37*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.2**		2.1		mg/Kg	☼	02/13/12 10:00	02/13/12 19:52	1
Barium	**92.6**		0.53		mg/Kg	☼	02/13/12 10:00	02/13/12 19:52	1
Cadmium	**0.36**		0.21		mg/Kg	☼	02/13/12 10:00	02/13/12 19:52	1
Chromium	**21.2**		0.53		mg/Kg	☼	02/13/12 10:00	02/13/12 19:52	1
Lead	**35.4**		1.1		mg/Kg	☼	02/13/12 10:00	02/13/12 19:52	1
Selenium	ND		4.3		mg/Kg	☼	02/13/12 10:00	02/13/12 19:52	1
Silver	ND		0.53		mg/Kg	☼	02/13/12 10:00	02/13/12 19:52	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.037**		0.021		mg/Kg	☼	02/14/12 11:40	02/14/12 13:46	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-11 (0-2)
Date Collected: 02/07/12 11:05
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-6
Matrix: Solid
Percent Solids: 83.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.42	ug/Kg	☼		02/14/12 03:58	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.93	ug/Kg	☼		02/14/12 03:58	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼		02/14/12 03:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼		02/14/12 03:58	1
1,1-Dichloroethane	ND		5.7	0.70	ug/Kg	☼		02/14/12 03:58	1
1,1-Dichloroethene	ND		5.7	0.70	ug/Kg	☼		02/14/12 03:58	1
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/Kg	☼		02/14/12 03:58	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.9	ug/Kg	☼		02/14/12 03:58	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼		02/14/12 03:58	1
1,2-Dichlorobenzene	ND		5.7	0.45	ug/Kg	☼		02/14/12 03:58	1
1,2-Dichloroethane	ND		5.7	0.29	ug/Kg	☼		02/14/12 03:58	1
1,2-Dichloropropane	ND		5.7	2.9	ug/Kg	☼		02/14/12 03:58	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼		02/14/12 03:58	1
1,4-Dichlorobenzene	ND		5.7	0.80	ug/Kg	☼		02/14/12 03:58	1
2-Hexanone	ND		29	2.9	ug/Kg	☼		02/14/12 03:58	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼		02/14/12 03:58	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼		02/14/12 03:58	1
Acetone	ND		29	4.8	ug/Kg	☼		02/14/12 03:58	1
Benzene	ND		5.7	0.28	ug/Kg	☼		02/14/12 03:58	1
Bromodichloromethane	ND		5.7	0.77	ug/Kg	☼		02/14/12 03:58	1
Bromoform	ND		5.7	2.9	ug/Kg	☼		02/14/12 03:58	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼		02/14/12 03:58	1
Carbon disulfide	ND		5.7	2.9	ug/Kg	☼		02/14/12 03:58	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼		02/14/12 03:58	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼		02/14/12 03:58	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg	☼		02/14/12 03:58	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼		02/14/12 03:58	1
Chloroform	ND		5.7	0.35	ug/Kg	☼		02/14/12 03:58	1
Chloromethane	ND		5.7	0.35	ug/Kg	☼		02/14/12 03:58	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg	☼		02/14/12 03:58	1
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/Kg	☼		02/14/12 03:58	1
Cyclohexane	ND		5.7	0.80	ug/Kg	☼		02/14/12 03:58	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼		02/14/12 03:58	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼		02/14/12 03:58	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg	☼		02/14/12 03:58	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼		02/14/12 03:58	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼		02/14/12 03:58	1
Methylcyclohexane	ND		5.7	0.87	ug/Kg	☼		02/14/12 03:58	1
Methylene Chloride	**3.2**	**J**	5.7	2.6	ug/Kg	☼		02/14/12 03:58	1
Styrene	ND		5.7	0.29	ug/Kg	☼		02/14/12 03:58	1
Tetrachloroethene	ND		5.7	0.77	ug/Kg	☼		02/14/12 03:58	1
Toluene	ND		5.7	0.43	ug/Kg	☼		02/14/12 03:58	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg	☼		02/14/12 03:58	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼		02/14/12 03:58	1
Trichloroethene	ND		5.7	1.3	ug/Kg	☼		02/14/12 03:58	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼		02/14/12 03:58	1
Vinyl chloride	ND		5.7	0.70	ug/Kg	☼		02/14/12 03:58	1
Xylenes, Total	ND		11	0.96	ug/Kg	☼		02/14/12 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*		*02/14/12 03:58*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-11 (0-2)
Date Collected: 02/07/12 11:05
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-6
Matrix: Solid
Percent Solids: 83.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*107*		*71 - 125*		*02/14/12 03:58*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*		*02/14/12 03:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		200	31	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
2,6-Dinitrotoluene	ND		200	49	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
2-Chloronaphthalene	ND		200	13	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
2-Methylnaphthalene	**15**	**J**	200	2.4	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
2-Nitroaniline	ND		390	64	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
3,3'-Dichlorobenzidine	ND		200	170	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
3-Nitroaniline	ND		390	46	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
4-Bromophenyl phenyl ether	ND		200	63	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
4-Chloroaniline	ND		200	58	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
4-Chlorophenyl phenyl ether	ND		200	4.2	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
4-Nitroaniline	ND		390	22	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Acenaphthene	ND		200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Acenaphthylene	**22**	**J**	200	1.6	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Acetophenone	ND		200	10	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Anthracene	**35**	**J**	200	5.1	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Atrazine	ND	*	200	8.9	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Benzaldehyde	ND		200	22	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Benzo(a)anthracene	**160**	**J**	200	3.4	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Benzo(a)pyrene	**140**	**J**	200	4.8	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Benzo(b)fluoranthene	**260**		200	3.9	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Benzo(g,h,i)perylene	**52**	**J**	200	2.4	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Benzo(k)fluoranthene	**130**	**J**	200	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Biphenyl	ND		200	12	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
bis (2-chloroisopropyl) ether	ND		200	21	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Bis(2-chloroethoxy)methane	ND		200	11	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Bis(2-chloroethyl)ether	ND		200	17	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Bis(2-ethylhexyl) phthalate	ND		200	64	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Butyl benzyl phthalate	ND		200	53	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Caprolactam	ND		200	86	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Carbazole	ND		200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Chrysene	**150**	**J**	200	2.0	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Dibenz(a,h)anthracene	ND		200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Dibenzofuran	ND		200	2.1	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Diethyl phthalate	ND		200	6.0	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Dimethyl phthalate	ND		200	5.2	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Di-n-butyl phthalate	ND		200	69	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Di-n-octyl phthalate	ND		200	4.7	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Fluoranthene	**270**		200	2.9	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Fluorene	ND		200	4.6	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Hexachlorobenzene	ND		200	9.9	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Hexachlorobutadiene	ND		200	10	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Hexachlorocyclopentadiene	ND		200	60	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Hexachloroethane	ND		200	15	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Indeno(1,2,3-cd)pyrene	**60**	**J**	200	5.5	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Isophorone	ND		200	9.9	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Naphthalene	ND		200	3.3	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1

Client Sample ID: TP-11 (0-2)
Date Collected: 02/07/12 11:05
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-6
Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		200	8.8	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
N-Nitrosodi-n-propylamine	ND		200	16	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
N-Nitrosodiphenylamine	ND		200	11	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Phenanthrene	**130**	**J**	200	4.2	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1
Pyrene	**200**		200	1.3	ug/Kg	☼	02/13/12 09:11	02/16/12 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*119*		*39 - 146*	*02/13/12 09:11*	*02/16/12 16:09*	*1*
2-Fluorobiphenyl	*111*		*37 - 120*	*02/13/12 09:11*	*02/16/12 16:09*	*1*
2-Fluorophenol	*91*		*18 - 120*	*02/13/12 09:11*	*02/16/12 16:09*	*1*
Nitrobenzene-d5	*106*		*34 - 132*	*02/13/12 09:11*	*02/16/12 16:09*	*1*
Phenol-d5	*101*		*11 - 120*	*02/13/12 09:11*	*02/16/12 16:09*	*1*
p-Terphenyl-d14	*111*		*65 - 153*	*02/13/12 09:11*	*02/16/12 16:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:52	1
PCB-1221	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:52	1
PCB-1232	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:52	1
PCB-1242	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:52	1
PCB-1248	ND		280	54	ug/Kg	☼	02/13/12 09:41	02/13/12 20:52	1
PCB-1254	ND		280	130	ug/Kg	☼	02/13/12 09:41	02/13/12 20:52	1
PCB-1260	ND		280	130	ug/Kg	☼	02/13/12 09:41	02/13/12 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*36 - 182*	*02/13/12 09:41*	*02/13/12 20:52*	*1*
DCB Decachlorobiphenyl	*107*		*36 - 182*	*02/13/12 09:41*	*02/13/12 20:52*	*1*
Tetrachloro-m-xylene	*103*		*24 - 172*	*02/13/12 09:41*	*02/13/12 20:52*	*1*
Tetrachloro-m-xylene	*112*		*24 - 172*	*02/13/12 09:41*	*02/13/12 20:52*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.0**		2.3		mg/Kg	☼	02/13/12 10:00	02/13/12 19:54	1
Barium	**127**		0.58		mg/Kg	☼	02/13/12 10:00	02/13/12 19:54	1
Cadmium	**0.94**		0.23		mg/Kg	☼	02/13/12 10:00	02/13/12 19:54	1
Chromium	**21.5**		0.58		mg/Kg	☼	02/13/12 10:00	02/13/12 19:54	1
Lead	**156**		1.2		mg/Kg	☼	02/13/12 10:00	02/13/12 19:54	1
Selenium	ND		4.7		mg/Kg	☼	02/13/12 10:00	02/13/12 19:54	1
Silver	**1.5**		0.58		mg/Kg	☼	02/13/12 10:00	02/13/12 19:54	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.53**		0.024		mg/Kg	☼	02/14/12 11:40	02/14/12 13:48	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-17 (0-2)
Date Collected: 02/07/12 14:35
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-7
Matrix: Solid
Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.42	ug/Kg	☼		02/14/12 04:23	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.93	ug/Kg	☼		02/14/12 04:23	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼		02/14/12 04:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼		02/14/12 04:23	1
1,1-Dichloroethane	ND		5.7	0.70	ug/Kg	☼		02/14/12 04:23	1
1,1-Dichloroethene	ND		5.7	0.70	ug/Kg	☼		02/14/12 04:23	1
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/Kg	☼		02/14/12 04:23	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.9	ug/Kg	☼		02/14/12 04:23	1
1,2-Dibromoethane	ND		5.7	0.74	ug/Kg	☼		02/14/12 04:23	1
1,2-Dichlorobenzene	ND		5.7	0.45	ug/Kg	☼		02/14/12 04:23	1
1,2-Dichloroethane	ND		5.7	0.29	ug/Kg	☼		02/14/12 04:23	1
1,2-Dichloropropane	ND		5.7	2.9	ug/Kg	☼		02/14/12 04:23	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼		02/14/12 04:23	1
1,4-Dichlorobenzene	ND		5.7	0.80	ug/Kg	☼		02/14/12 04:23	1
2-Hexanone	ND		29	2.9	ug/Kg	☼		02/14/12 04:23	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼		02/14/12 04:23	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼		02/14/12 04:23	1
Acetone	ND		29	4.8	ug/Kg	☼		02/14/12 04:23	1
Benzene	ND		5.7	0.28	ug/Kg	☼		02/14/12 04:23	1
Bromodichloromethane	ND		5.7	0.77	ug/Kg	☼		02/14/12 04:23	1
Bromoform	ND		5.7	2.9	ug/Kg	☼		02/14/12 04:23	1
Bromomethane	ND		5.7	0.52	ug/Kg	☼		02/14/12 04:23	1
Carbon disulfide	ND		5.7	2.9	ug/Kg	☼		02/14/12 04:23	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼		02/14/12 04:23	1
Chlorobenzene	ND		5.7	0.76	ug/Kg	☼		02/14/12 04:23	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg	☼		02/14/12 04:23	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼		02/14/12 04:23	1
Chloroform	ND		5.7	0.35	ug/Kg	☼		02/14/12 04:23	1
Chloromethane	ND		5.7	0.35	ug/Kg	☼		02/14/12 04:23	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg	☼		02/14/12 04:23	1
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/Kg	☼		02/14/12 04:23	1
Cyclohexane	ND		5.7	0.80	ug/Kg	☼		02/14/12 04:23	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼		02/14/12 04:23	1
Ethylbenzene	ND		5.7	0.40	ug/Kg	☼		02/14/12 04:23	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg	☼		02/14/12 04:23	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼		02/14/12 04:23	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼		02/14/12 04:23	1
Methylcyclohexane	ND		5.7	0.87	ug/Kg	☼		02/14/12 04:23	1
Methylene Chloride	**4.0**	**J**	5.7	2.6	ug/Kg	☼		02/14/12 04:23	1
Styrene	ND		5.7	0.29	ug/Kg	☼		02/14/12 04:23	1
Tetrachloroethene	ND		5.7	0.77	ug/Kg	☼		02/14/12 04:23	1
Toluene	ND		5.7	0.43	ug/Kg	☼		02/14/12 04:23	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg	☼		02/14/12 04:23	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼		02/14/12 04:23	1
Trichloroethene	ND		5.7	1.3	ug/Kg	☼		02/14/12 04:23	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼		02/14/12 04:23	1
Vinyl chloride	ND		5.7	0.70	ug/Kg	☼		02/14/12 04:23	1
Xylenes, Total	ND		11	0.96	ug/Kg	☼		02/14/12 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*		*02/14/12 04:23*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-17 (0-2)
Date Collected: 02/07/12 14:35
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-7
Matrix: Solid
Percent Solids: 86.6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*109*		*71 - 125*		*02/14/12 04:23*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*		*02/14/12 04:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		2000	300	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
2,6-Dinitrotoluene	ND		2000	470	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
2-Chloronaphthalene	ND		2000	130	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
2-Methylnaphthalene	ND		2000	23	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
2-Nitroaniline	ND		3800	620	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
3,3'-Dichlorobenzidine	ND		2000	1700	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
3-Nitroaniline	ND		3800	450	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
4-Bromophenyl phenyl ether	ND		2000	620	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
4-Chloroaniline	ND		2000	570	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
4-Chlorophenyl phenyl ether	ND		2000	41	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
4-Nitroaniline	ND		3800	220	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Acenaphthene	ND		2000	23	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Acenaphthylene	ND		2000	16	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Acetophenone	ND		2000	100	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Anthracene	ND		2000	50	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Atrazine	ND	*	2000	86	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Benzaldehyde	ND		2000	210	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Benzo(a)anthracene	**130**	**J**	2000	33	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Benzo(a)pyrene	ND		2000	47	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Benzo(b)fluoranthene	**140**	**J**	2000	38	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Benzo(g,h,i)perylene	ND		2000	23	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Benzo(k)fluoranthene	**97**	**J**	2000	21	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Biphenyl	ND		2000	120	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
bis (2-chloroisopropyl) ether	ND		2000	200	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Bis(2-chloroethoxy)methane	ND		2000	110	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Bis(2-chloroethyl)ether	ND		2000	170	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Bis(2-ethylhexyl) phthalate	ND		2000	620	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Butyl benzyl phthalate	ND		2000	520	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Caprolactam	ND		2000	840	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Carbazole	ND		2000	22	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Chrysene	**68**	**J**	2000	19	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Dibenz(a,h)anthracene	ND		2000	23	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Dibenzofuran	ND		2000	20	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Diethyl phthalate	ND		2000	59	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Dimethyl phthalate	ND		2000	51	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Di-n-butyl phthalate	ND		2000	670	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Di-n-octyl phthalate	ND		2000	45	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Fluoranthene	**160**	**J**	2000	28	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Fluorene	ND		2000	45	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Hexachlorobenzene	ND		2000	96	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Hexachlorobutadiene	ND		2000	99	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Hexachlorocyclopentadiene	ND		2000	590	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Hexachloroethane	ND		2000	150	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Indeno(1,2,3-cd)pyrene	ND		2000	54	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Isophorone	ND		2000	97	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Naphthalene	ND		2000	32	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-17 (0-2)
Date Collected: 02/07/12 14:35
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-7
Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		2000	86	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
N-Nitrosodi-n-propylamine	ND		2000	150	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
N-Nitrosodiphenylamine	ND		2000	110	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Phenanthrene	**120**	**J**	2000	41	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10
Pyrene	ND		2000	13	ug/Kg	☼	02/13/12 09:11	02/16/12 16:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*39 - 146*	*02/13/12 09:11*	*02/16/12 16:32*	*10*
2-Fluorobiphenyl	*107*		*37 - 120*	*02/13/12 09:11*	*02/16/12 16:32*	*10*
2-Fluorophenol	*91*		*18 - 120*	*02/13/12 09:11*	*02/16/12 16:32*	*10*
Nitrobenzene-d5	*99*		*34 - 132*	*02/13/12 09:11*	*02/16/12 16:32*	*10*
Phenol-d5	*97*		*11 - 120*	*02/13/12 09:11*	*02/16/12 16:32*	*10*
p-Terphenyl-d14	*115*		*65 - 153*	*02/13/12 09:11*	*02/16/12 16:32*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270	53	ug/Kg	☼	02/13/12 09:41	02/13/12 21:06	1
PCB-1221	ND		270	53	ug/Kg	☼	02/13/12 09:41	02/13/12 21:06	1
PCB-1232	ND		270	53	ug/Kg	☼	02/13/12 09:41	02/13/12 21:06	1
PCB-1242	ND		270	53	ug/Kg	☼	02/13/12 09:41	02/13/12 21:06	1
PCB-1248	ND		270	53	ug/Kg	☼	02/13/12 09:41	02/13/12 21:06	1
PCB-1254	ND		270	130	ug/Kg	☼	02/13/12 09:41	02/13/12 21:06	1
PCB-1260	ND		270	130	ug/Kg	☼	02/13/12 09:41	02/13/12 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*36 - 182*	*02/13/12 09:41*	*02/13/12 21:06*	*1*
DCB Decachlorobiphenyl	*109*		*36 - 182*	*02/13/12 09:41*	*02/13/12 21:06*	*1*
Tetrachloro-m-xylene	*104*		*24 - 172*	*02/13/12 09:41*	*02/13/12 21:06*	*1*
Tetrachloro-m-xylene	*114*		*24 - 172*	*02/13/12 09:41*	*02/13/12 21:06*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.7**		2.2		mg/Kg	☼	02/13/12 10:00	02/13/12 19:56	1
Barium	**86.0**		0.55		mg/Kg	☼	02/13/12 10:00	02/13/12 19:56	1
Cadmium	**0.39**		0.22		mg/Kg	☼	02/13/12 10:00	02/13/12 19:56	1
Chromium	**19.2**		0.55		mg/Kg	☼	02/13/12 10:00	02/13/12 19:56	1
Lead	**76.4**		1.1		mg/Kg	☼	02/13/12 10:00	02/13/12 19:56	1
Selenium	ND		4.4		mg/Kg	☼	02/13/12 10:00	02/13/12 19:56	1
Silver	ND		0.55		mg/Kg	☼	02/13/12 10:00	02/13/12 19:56	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.070**		0.022		mg/Kg	☼	02/14/12 11:40	02/14/12 13:50	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-9 (0-2)
Date Collected: 02/08/12 12:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-8
Matrix: Solid
Percent Solids: 66.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.2	0.52	ug/Kg	☼		02/14/12 04:49	1
1,1,2,2-Tetrachloroethane	ND		7.2	1.2	ug/Kg	☼		02/14/12 04:49	1
1,1,2-Trichloroethane	ND		7.2	0.94	ug/Kg	☼		02/14/12 04:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.2	1.6	ug/Kg	☼		02/14/12 04:49	1
1,1-Dichloroethane	ND		7.2	0.88	ug/Kg	☼		02/14/12 04:49	1
1,1-Dichloroethene	ND		7.2	0.89	ug/Kg	☼		02/14/12 04:49	1
1,2,4-Trichlorobenzene	ND		7.2	0.44	ug/Kg	☼		02/14/12 04:49	1
1,2-Dibromo-3-Chloropropane	ND		7.2	3.6	ug/Kg	☼		02/14/12 04:49	1
1,2-Dibromoethane	ND		7.2	0.93	ug/Kg	☼		02/14/12 04:49	1
1,2-Dichlorobenzene	ND		7.2	0.57	ug/Kg	☼		02/14/12 04:49	1
1,2-Dichloroethane	ND		7.2	0.36	ug/Kg	☼		02/14/12 04:49	1
1,2-Dichloropropane	ND		7.2	3.6	ug/Kg	☼		02/14/12 04:49	1
1,3-Dichlorobenzene	ND		7.2	0.37	ug/Kg	☼		02/14/12 04:49	1
1,4-Dichlorobenzene	ND		7.2	1.0	ug/Kg	☼		02/14/12 04:49	1
2-Hexanone	ND		36	3.6	ug/Kg	☼		02/14/12 04:49	1
2-Butanone (MEK)	ND		36	2.6	ug/Kg	☼		02/14/12 04:49	1
4-Methyl-2-pentanone (MIBK)	ND		36	2.4	ug/Kg	☼		02/14/12 04:49	1
Acetone	ND		36	6.1	ug/Kg	☼		02/14/12 04:49	1
Benzene	ND		7.2	0.35	ug/Kg	☼		02/14/12 04:49	1
Bromodichloromethane	ND		7.2	0.97	ug/Kg	☼		02/14/12 04:49	1
Bromoform	ND		7.2	3.6	ug/Kg	☼		02/14/12 04:49	1
Bromomethane	ND		7.2	0.65	ug/Kg	☼		02/14/12 04:49	1
Carbon disulfide	ND		7.2	3.6	ug/Kg	☼		02/14/12 04:49	1
Carbon tetrachloride	ND		7.2	0.70	ug/Kg	☼		02/14/12 04:49	1
Chlorobenzene	ND		7.2	0.95	ug/Kg	☼		02/14/12 04:49	1
Dibromochloromethane	ND		7.2	0.93	ug/Kg	☼		02/14/12 04:49	1
Chloroethane	ND		7.2	1.6	ug/Kg	☼		02/14/12 04:49	1
Chloroform	ND		7.2	0.45	ug/Kg	☼		02/14/12 04:49	1
Chloromethane	ND		7.2	0.44	ug/Kg	☼		02/14/12 04:49	1
cis-1,2-Dichloroethene	ND		7.2	0.93	ug/Kg	☼		02/14/12 04:49	1
cis-1,3-Dichloropropene	ND		7.2	1.0	ug/Kg	☼		02/14/12 04:49	1
Cyclohexane	ND		7.2	1.0	ug/Kg	☼		02/14/12 04:49	1
Dichlorodifluoromethane	ND		7.2	0.60	ug/Kg	☼		02/14/12 04:49	1
Ethylbenzene	ND		7.2	0.50	ug/Kg	☼		02/14/12 04:49	1
Isopropylbenzene	ND		7.2	1.1	ug/Kg	☼		02/14/12 04:49	1
Methyl acetate	ND		7.2	1.3	ug/Kg	☼		02/14/12 04:49	1
Methyl tert-butyl ether	ND		7.2	0.71	ug/Kg	☼		02/14/12 04:49	1
Methylcyclohexane	ND		7.2	1.1	ug/Kg	☼		02/14/12 04:49	1
Methylene Chloride	**4.9**	**J**	7.2	3.3	ug/Kg	☼		02/14/12 04:49	1
Styrene	ND		7.2	0.36	ug/Kg	☼		02/14/12 04:49	1
Tetrachloroethene	ND		7.2	0.97	ug/Kg	☼		02/14/12 04:49	1
Toluene	ND		7.2	0.55	ug/Kg	☼		02/14/12 04:49	1
trans-1,2-Dichloroethene	ND		7.2	0.75	ug/Kg	☼		02/14/12 04:49	1
trans-1,3-Dichloropropene	ND		7.2	3.2	ug/Kg	☼		02/14/12 04:49	1
Trichloroethene	ND		7.2	1.6	ug/Kg	☼		02/14/12 04:49	1
Trichlorofluoromethane	ND		7.2	0.68	ug/Kg	☼		02/14/12 04:49	1
Vinyl chloride	ND		7.2	0.88	ug/Kg	☼		02/14/12 04:49	1
Xylenes, Total	ND		14	1.2	ug/Kg	☼		02/14/12 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*		*02/14/12 04:49*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-9 (0-2)
Date Collected: 02/08/12 12:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-8
Matrix: Solid
Percent Solids: 66.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*110*		*71 - 125*		*02/14/12 04:49*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 126*		*02/14/12 04:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		250	39	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
2,6-Dinitrotoluene	ND		250	62	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
2-Chloronaphthalene	ND		250	17	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
2-Methylnaphthalene	**35**	**J**	250	3.1	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
2-Nitroaniline	ND		490	81	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
3,3'-Dichlorobenzidine	ND		250	220	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
3-Nitroaniline	ND		490	58	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
4-Bromophenyl phenyl ether	ND		250	80	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
4-Chloroaniline	ND		250	74	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
4-Chlorophenyl phenyl ether	ND		250	5.4	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
4-Nitroaniline	ND		490	28	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Acenaphthene	**15**	**J**	250	3.0	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Acenaphthylene	**100**	**J**	250	2.1	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Acetophenone	ND		250	13	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Anthracene	**91**	**J**	250	6.5	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Atrazine	ND	*	250	11	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Benzaldehyde	ND		250	28	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Benzo(a)anthracene	**350**		250	4.4	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Benzo(a)pyrene	**520**		250	6.1	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Benzo(b)fluoranthene	**910**		250	4.9	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Benzo(g,h,i)perylene	**220**	**J**	250	3.0	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Benzo(k)fluoranthene	**440**		250	2.8	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Biphenyl	ND		250	16	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
bis (2-chloroisopropyl) ether	ND		250	26	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Bis(2-chloroethoxy)methane	ND		250	14	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Bis(2-chloroethyl)ether	ND		250	22	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Bis(2-ethylhexyl) phthalate	ND		250	81	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Butyl benzyl phthalate	ND		250	68	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Caprolactam	ND		250	110	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Carbazole	**75**	**J**	250	2.9	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Chrysene	**460**		250	2.5	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Dibenz(a,h)anthracene	**73**	**J**	250	3.0	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Dibenzofuran	**18**	**J**	250	2.6	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Diethyl phthalate	ND		250	7.6	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Dimethyl phthalate	ND		250	6.6	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Di-n-butyl phthalate	ND		250	87	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Di-n-octyl phthalate	ND		250	5.9	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Fluoranthene	**730**		250	3.7	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Fluorene	**27**	**J**	250	5.8	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Hexachlorobenzene	ND		250	13	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Hexachlorobutadiene	ND		250	13	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Hexachlorocyclopentadiene	ND		250	76	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Hexachloroethane	ND		250	20	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Indeno(1,2,3-cd)pyrene	**200**	**J**	250	7.0	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Isophorone	ND		250	13	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Naphthalene	**29**	**J**	250	4.2	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-9 (0-2)
Date Collected: 02/08/12 12:45
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-8
Matrix: Solid
Percent Solids: 66.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		250	11	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
N-Nitrosodi-n-propylamine	ND		250	20	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
N-Nitrosodiphenylamine	ND		250	14	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Phenanthrene	**410**		250	5.3	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1
Pyrene	**510**		250	1.6	ug/Kg	☼	02/13/12 09:11	02/16/12 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*106*		*39 - 146*	*02/13/12 09:11*	*02/16/12 16:55*	*1*
2-Fluorobiphenyl	*99*		*37 - 120*	*02/13/12 09:11*	*02/16/12 16:55*	*1*
2-Fluorophenol	*78*		*18 - 120*	*02/13/12 09:11*	*02/16/12 16:55*	*1*
Nitrobenzene-d5	*93*		*34 - 132*	*02/13/12 09:11*	*02/16/12 16:55*	*1*
Phenol-d5	*88*		*11 - 120*	*02/13/12 09:11*	*02/16/12 16:55*	*1*
p-Terphenyl-d14	*100*		*65 - 153*	*02/13/12 09:11*	*02/16/12 16:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		370	73	ug/Kg	☼	02/13/12 09:41	02/13/12 21:21	1
PCB-1221	ND		370	73	ug/Kg	☼	02/13/12 09:41	02/13/12 21:21	1
PCB-1232	ND		370	73	ug/Kg	☼	02/13/12 09:41	02/13/12 21:21	1
PCB-1242	ND		370	73	ug/Kg	☼	02/13/12 09:41	02/13/12 21:21	1
PCB-1248	ND		370	73	ug/Kg	☼	02/13/12 09:41	02/13/12 21:21	1
PCB-1254	ND		370	170	ug/Kg	☼	02/13/12 09:41	02/13/12 21:21	1
PCB-1260	ND		370	170	ug/Kg	☼	02/13/12 09:41	02/13/12 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*36 - 182*	*02/13/12 09:41*	*02/13/12 21:21*	*1*
DCB Decachlorobiphenyl	*109*		*36 - 182*	*02/13/12 09:41*	*02/13/12 21:21*	*1*
Tetrachloro-m-xylene	*105*		*24 - 172*	*02/13/12 09:41*	*02/13/12 21:21*	*1*
Tetrachloro-m-xylene	*114*		*24 - 172*	*02/13/12 09:41*	*02/13/12 21:21*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16.4**		2.9		mg/Kg	☼	02/13/12 10:00	02/13/12 19:58	1
Barium	**272**		0.71		mg/Kg	☼	02/13/12 10:00	02/13/12 19:58	1
Cadmium	**1.4**		0.29		mg/Kg	☼	02/13/12 10:00	02/13/12 19:58	1
Chromium	**13.9**		0.71		mg/Kg	☼	02/13/12 10:00	02/13/12 19:58	1
Lead	**450**		1.4		mg/Kg	☼	02/13/12 10:00	02/13/12 19:58	1
Selenium	ND		5.7		mg/Kg	☼	02/13/12 10:00	02/13/12 19:58	1
Silver	ND		0.71		mg/Kg	☼	02/13/12 10:00	02/13/12 19:58	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.061**		0.032		mg/Kg	☼	02/14/12 11:40	02/14/12 13:52	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-20 (0-2)
Date Collected: 02/08/12 11:15
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-9
Matrix: Solid
Percent Solids: 87.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.40	ug/Kg	☼		02/14/12 05:14	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.90	ug/Kg	☼		02/14/12 05:14	1
1,1,2-Trichloroethane	ND		5.6	0.72	ug/Kg	☼		02/14/12 05:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼		02/14/12 05:14	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg	☼		02/14/12 05:14	1
1,1-Dichloroethene	ND		5.6	0.68	ug/Kg	☼		02/14/12 05:14	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☼		02/14/12 05:14	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☼		02/14/12 05:14	1
1,2-Dibromoethane	ND		5.6	0.71	ug/Kg	☼		02/14/12 05:14	1
1,2-Dichlorobenzene	ND		5.6	0.43	ug/Kg	☼		02/14/12 05:14	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼		02/14/12 05:14	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼		02/14/12 05:14	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼		02/14/12 05:14	1
1,4-Dichlorobenzene	ND		5.6	0.78	ug/Kg	☼		02/14/12 05:14	1
2-Hexanone	ND		28	2.8	ug/Kg	☼		02/14/12 05:14	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg	☼		02/14/12 05:14	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼		02/14/12 05:14	1
Acetone	ND		28	4.7	ug/Kg	☼		02/14/12 05:14	1
Benzene	ND		5.6	0.27	ug/Kg	☼		02/14/12 05:14	1
Bromodichloromethane	ND		5.6	0.74	ug/Kg	☼		02/14/12 05:14	1
Bromoform	ND		5.6	2.8	ug/Kg	☼		02/14/12 05:14	1
Bromomethane	ND		5.6	0.50	ug/Kg	☼		02/14/12 05:14	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼		02/14/12 05:14	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☼		02/14/12 05:14	1
Chlorobenzene	ND		5.6	0.73	ug/Kg	☼		02/14/12 05:14	1
Dibromochloromethane	ND		5.6	0.71	ug/Kg	☼		02/14/12 05:14	1
Chloroethane	ND		5.6	1.3	ug/Kg	☼		02/14/12 05:14	1
Chloroform	ND		5.6	0.34	ug/Kg	☼		02/14/12 05:14	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼		02/14/12 05:14	1
cis-1,2-Dichloroethene	ND		5.6	0.71	ug/Kg	☼		02/14/12 05:14	1
cis-1,3-Dichloropropene	ND		5.6	0.80	ug/Kg	☼		02/14/12 05:14	1
Cyclohexane	ND		5.6	0.78	ug/Kg	☼		02/14/12 05:14	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg	☼		02/14/12 05:14	1
Ethylbenzene	ND		5.6	0.38	ug/Kg	☼		02/14/12 05:14	1
Isopropylbenzene	ND		5.6	0.84	ug/Kg	☼		02/14/12 05:14	1
Methyl acetate	ND		5.6	1.0	ug/Kg	☼		02/14/12 05:14	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼		02/14/12 05:14	1
Methylcyclohexane	ND		5.6	0.84	ug/Kg	☼		02/14/12 05:14	1
Methylene Chloride	**4.0**	**J**	5.6	2.6	ug/Kg	☼		02/14/12 05:14	1
Styrene	ND		5.6	0.28	ug/Kg	☼		02/14/12 05:14	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg	☼		02/14/12 05:14	1
Toluene	ND		5.6	0.42	ug/Kg	☼		02/14/12 05:14	1
trans-1,2-Dichloroethene	ND		5.6	0.57	ug/Kg	☼		02/14/12 05:14	1
trans-1,3-Dichloropropene	ND		5.6	2.4	ug/Kg	☼		02/14/12 05:14	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼		02/14/12 05:14	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼		02/14/12 05:14	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼		02/14/12 05:14	1
Xylenes, Total	ND		11	0.93	ug/Kg	☼		02/14/12 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*		*02/14/12 05:14*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-20 (0-2)
Date Collected: 02/08/12 11:15
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-9
Matrix: Solid
Percent Solids: 87.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*71 - 125*		*02/14/12 05:14*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*		*02/14/12 05:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		190	29	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
2,6-Dinitrotoluene	ND		190	46	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
2-Chloronaphthalene	ND		190	13	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
2-Methylnaphthalene	**46**	**J**	190	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
2-Nitroaniline	ND		370	60	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
3,3'-Dichlorobenzidine	ND		190	160	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
3-Nitroaniline	ND		370	43	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
4-Bromophenyl phenyl ether	ND		190	60	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
4-Chloroaniline	ND		190	55	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
4-Chlorophenyl phenyl ether	ND		190	4.0	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
4-Nitroaniline	ND		370	21	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Acenaphthene	**80**	**J**	190	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Acenaphthylene	**15**	**J**	190	1.5	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Acetophenone	ND		190	9.7	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Anthracene	**190**		190	4.8	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Atrazine	ND	*	190	8.4	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Benzaldehyde	ND		190	21	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Benzo(a)anthracene	**320**		190	3.2	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Benzo(a)pyrene	**280**		190	4.5	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Benzo(b)fluoranthene	**570**		190	3.7	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Benzo(g,h,i)perylene	**110**	**J**	190	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Benzo(k)fluoranthene	**260**		190	2.1	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Biphenyl	**16**	**J**	190	12	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
bis (2-chloroisopropyl) ether	ND		190	20	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Bis(2-chloroethoxy)methane	ND		190	10	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Bis(2-chloroethyl)ether	ND		190	16	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Bis(2-ethylhexyl) phthalate	ND		190	61	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Butyl benzyl phthalate	ND		190	51	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Caprolactam	ND		190	81	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Carbazole	**95**	**J**	190	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Chrysene	**320**		190	1.9	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Dibenz(a,h)anthracene	ND		190	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Dibenzofuran	**80**	**J**	190	2.0	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Diethyl phthalate	ND		190	5.7	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Dimethyl phthalate	ND		190	4.9	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Di-n-octyl phthalate	ND		190	4.4	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Fluoranthene	**750**		190	2.7	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Fluorene	**110**	**J**	190	4.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Hexachlorobenzene	ND		190	9.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Hexachlorobutadiene	ND		190	9.6	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Hexachlorocyclopentadiene	ND		190	57	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Hexachloroethane	ND		190	15	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Indeno(1,2,3-cd)pyrene	**110**	**J**	190	5.2	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Isophorone	ND		190	9.4	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Naphthalene	**160**	**J**	190	3.1	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1

Client Sample ID: TP-20 (0-2)
Date Collected: 02/08/12 11:15
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-9
Matrix: Solid
Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		190	8.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
N-Nitrosodi-n-propylamine	ND		190	15	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
N-Nitrosodiphenylamine	ND		190	10	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Phenanthrene	**760**		190	3.9	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1
Pyrene	**540**		190	1.2	ug/Kg	☼	02/13/12 09:11	02/16/12 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*107*		*39 - 146*	*02/13/12 09:11*	*02/16/12 17:19*	*1*
2-Fluorobiphenyl	*93*		*37 - 120*	*02/13/12 09:11*	*02/16/12 17:19*	*1*
2-Fluorophenol	*76*		*18 - 120*	*02/13/12 09:11*	*02/16/12 17:19*	*1*
Nitrobenzene-d5	*87*		*34 - 132*	*02/13/12 09:11*	*02/16/12 17:19*	*1*
Phenol-d5	*86*		*11 - 120*	*02/13/12 09:11*	*02/16/12 17:19*	*1*
p-Terphenyl-d14	*99*		*65 - 153*	*02/13/12 09:11*	*02/16/12 17:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230	45	ug/Kg	☼	02/13/12 09:41	02/13/12 22:05	1
PCB-1221	ND		230	45	ug/Kg	☼	02/13/12 09:41	02/13/12 22:05	1
PCB-1232	ND		230	45	ug/Kg	☼	02/13/12 09:41	02/13/12 22:05	1
PCB-1242	ND		230	45	ug/Kg	☼	02/13/12 09:41	02/13/12 22:05	1
PCB-1248	ND		230	45	ug/Kg	☼	02/13/12 09:41	02/13/12 22:05	1
PCB-1254	ND		230	110	ug/Kg	☼	02/13/12 09:41	02/13/12 22:05	1
PCB-1260	ND		230	110	ug/Kg	☼	02/13/12 09:41	02/13/12 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*36 - 182*	*02/13/12 09:41*	*02/13/12 22:05*	*1*
DCB Decachlorobiphenyl	*111*		*36 - 182*	*02/13/12 09:41*	*02/13/12 22:05*	*1*
Tetrachloro-m-xylene	*103*		*24 - 172*	*02/13/12 09:41*	*02/13/12 22:05*	*1*
Tetrachloro-m-xylene	*114*		*24 - 172*	*02/13/12 09:41*	*02/13/12 22:05*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.1**		2.4		mg/Kg	☼	02/13/12 10:00	02/13/12 20:01	1
Barium	**38.8**		0.60		mg/Kg	☼	02/13/12 10:00	02/13/12 20:01	1
Cadmium	**0.37**		0.24		mg/Kg	☼	02/13/12 10:00	02/13/12 20:01	1
Chromium	**7.6**		0.60		mg/Kg	☼	02/13/12 10:00	02/13/12 20:01	1
Lead	**25.3**		1.2		mg/Kg	☼	02/13/12 10:00	02/13/12 20:01	1
Selenium	ND		4.8		mg/Kg	☼	02/13/12 10:00	02/13/12 20:01	1
Silver	ND		0.60		mg/Kg	☼	02/13/12 10:00	02/13/12 20:01	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.040**		0.022		mg/Kg	☼	02/14/12 11:40	02/14/12 13:59	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-10 (0-2)
Date Collected: 02/08/12 16:30
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-10
Matrix: Solid
Percent Solids: 85.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼		02/14/12 05:39	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.93	ug/Kg	☼		02/14/12 05:39	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼		02/14/12 05:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼		02/14/12 05:39	1
1,1-Dichloroethane	ND		5.7	0.70	ug/Kg	☼		02/14/12 05:39	1
1,1-Dichloroethene	ND		5.7	0.70	ug/Kg	☼		02/14/12 05:39	1
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/Kg	☼		02/14/12 05:39	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.9	ug/Kg	☼		02/14/12 05:39	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼		02/14/12 05:39	1
1,2-Dichlorobenzene	ND		5.7	0.45	ug/Kg	☼		02/14/12 05:39	1
1,2-Dichloroethane	ND		5.7	0.29	ug/Kg	☼		02/14/12 05:39	1
1,2-Dichloropropane	ND		5.7	2.9	ug/Kg	☼		02/14/12 05:39	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼		02/14/12 05:39	1
1,4-Dichlorobenzene	ND		5.7	0.80	ug/Kg	☼		02/14/12 05:39	1
2-Hexanone	ND		29	2.9	ug/Kg	☼		02/14/12 05:39	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼		02/14/12 05:39	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼		02/14/12 05:39	1
Acetone	ND		29	4.8	ug/Kg	☼		02/14/12 05:39	1
Benzene	ND		5.7	0.28	ug/Kg	☼		02/14/12 05:39	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼		02/14/12 05:39	1
Bromoform	ND		5.7	2.9	ug/Kg	☼		02/14/12 05:39	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼		02/14/12 05:39	1
Carbon disulfide	ND		5.7	2.9	ug/Kg	☼		02/14/12 05:39	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼		02/14/12 05:39	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼		02/14/12 05:39	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg	☼		02/14/12 05:39	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼		02/14/12 05:39	1
Chloroform	ND		5.7	0.35	ug/Kg	☼		02/14/12 05:39	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼		02/14/12 05:39	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg	☼		02/14/12 05:39	1
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/Kg	☼		02/14/12 05:39	1
Cyclohexane	ND		5.7	0.80	ug/Kg	☼		02/14/12 05:39	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼		02/14/12 05:39	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼		02/14/12 05:39	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg	☼		02/14/12 05:39	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼		02/14/12 05:39	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼		02/14/12 05:39	1
Methylcyclohexane	ND		5.7	0.87	ug/Kg	☼		02/14/12 05:39	1
Methylene Chloride	**3.0**	**J**	5.7	2.6	ug/Kg	☼		02/14/12 05:39	1
Styrene	ND		5.7	0.29	ug/Kg	☼		02/14/12 05:39	1
Tetrachloroethene	ND		5.7	0.77	ug/Kg	☼		02/14/12 05:39	1
Toluene	ND		5.7	0.43	ug/Kg	☼		02/14/12 05:39	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg	☼		02/14/12 05:39	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼		02/14/12 05:39	1
Trichloroethene	ND		5.7	1.3	ug/Kg	☼		02/14/12 05:39	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼		02/14/12 05:39	1
Vinyl chloride	ND		5.7	0.70	ug/Kg	☼		02/14/12 05:39	1
Xylenes, Total	ND		11	0.96	ug/Kg	☼		02/14/12 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*		*02/14/12 05:39*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-10 (0-2)
Date Collected: 02/08/12 16:30
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-10
Matrix: Solid
Percent Solids: 85.3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*71 - 125*		*02/14/12 05:39*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*		*02/14/12 05:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		200	30	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
2,6-Dinitrotoluene	ND		200	48	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
2-Chloronaphthalene	ND		200	13	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
2-Methylnaphthalene	ND		200	2.4	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
2-Nitroaniline	ND		380	63	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
3,3'-Dichlorobenzidine	ND		200	170	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
3-Nitroaniline	ND		380	45	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
4-Bromophenyl phenyl ether	ND		200	63	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
4-Chloroaniline	ND		200	58	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
4-Chlorophenyl phenyl ether	ND		200	4.2	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
4-Nitroaniline	ND		380	22	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Acenaphthene	ND		200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Acenaphthylene	ND		200	1.6	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Acetophenone	ND		200	10	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Anthracene	ND		200	5.0	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Atrazine	ND	*	200	8.8	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Benzaldehyde	ND		200	22	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Benzo(a)anthracene	ND		200	3.4	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Benzo(a)pyrene	ND		200	4.7	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Benzo(b)fluoranthene	ND		200	3.8	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Benzo(g,h,i)perylene	ND		200	2.4	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Benzo(k)fluoranthene	ND		200	2.2	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Biphenyl	ND		200	12	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
bis (2-chloroisopropyl) ether	ND		200	21	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Bis(2-chloroethoxy)methane	ND		200	11	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Bis(2-chloroethyl)ether	ND		200	17	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Bis(2-ethylhexyl) phthalate	ND		200	63	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Butyl benzyl phthalate	ND		200	53	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Caprolactam	ND		200	85	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Carbazole	ND		200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Chrysene	ND		200	2.0	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Dibenz(a,h)anthracene	ND		200	2.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Dibenzofuran	ND		200	2.0	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Diethyl phthalate	ND		200	5.9	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Dimethyl phthalate	ND		200	5.1	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Di-n-butyl phthalate	ND		200	68	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Di-n-octyl phthalate	ND		200	4.6	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Fluoranthene	ND		200	2.8	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Fluorene	ND		200	4.5	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Hexachlorobenzene	ND		200	9.8	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Hexachlorobutadiene	ND		200	10	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Hexachlorocyclopentadiene	ND		200	59	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Hexachloroethane	ND		200	15	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Indeno(1,2,3-cd)pyrene	ND		200	5.4	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Isophorone	ND		200	9.8	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Naphthalene	ND		200	3.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-10 (0-2)
Date Collected: 02/08/12 16:30
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16017-10
Matrix: Solid
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		200	8.7	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
N-Nitrosodi-n-propylamine	ND		200	16	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
N-Nitrosodiphenylamine	ND		200	11	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Phenanthrene	ND		200	4.1	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1
Pyrene	ND		200	1.3	ug/Kg	☼	02/13/12 09:11	02/16/12 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*39 - 146*	*02/13/12 09:11*	*02/16/12 17:42*	*1*
2-Fluorobiphenyl	*91*		*37 - 120*	*02/13/12 09:11*	*02/16/12 17:42*	*1*
2-Fluorophenol	*72*		*18 - 120*	*02/13/12 09:11*	*02/16/12 17:42*	*1*
Nitrobenzene-d5	*85*		*34 - 132*	*02/13/12 09:11*	*02/16/12 17:42*	*1*
Phenol-d5	*81*		*11 - 120*	*02/13/12 09:11*	*02/16/12 17:42*	*1*
p-Terphenyl-d14	*96*		*65 - 153*	*02/13/12 09:11*	*02/16/12 17:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	43	ug/Kg	☼	02/13/12 09:41	02/13/12 22:20	1
PCB-1221	ND		220	43	ug/Kg	☼	02/13/12 09:41	02/13/12 22:20	1
PCB-1232	ND		220	43	ug/Kg	☼	02/13/12 09:41	02/13/12 22:20	1
PCB-1242	ND		220	43	ug/Kg	☼	02/13/12 09:41	02/13/12 22:20	1
PCB-1248	ND		220	43	ug/Kg	☼	02/13/12 09:41	02/13/12 22:20	1
PCB-1254	ND		220	100	ug/Kg	☼	02/13/12 09:41	02/13/12 22:20	1
PCB-1260	ND		220	100	ug/Kg	☼	02/13/12 09:41	02/13/12 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*36 - 182*	*02/13/12 09:41*	*02/13/12 22:20*	*1*
DCB Decachlorobiphenyl	*120*		*36 - 182*	*02/13/12 09:41*	*02/13/12 22:20*	*1*
Tetrachloro-m-xylene	*110*		*24 - 172*	*02/13/12 09:41*	*02/13/12 22:20*	*1*
Tetrachloro-m-xylene	*121*		*24 - 172*	*02/13/12 09:41*	*02/13/12 22:20*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.8**		2.4		mg/Kg	☼	02/13/12 10:00	02/13/12 20:03	1
Barium	**51.8**		0.60		mg/Kg	☼	02/13/12 10:00	02/13/12 20:03	1
Cadmium	**0.28**		0.24		mg/Kg	☼	02/13/12 10:00	02/13/12 20:03	1
Chromium	**8.7**		0.60		mg/Kg	☼	02/13/12 10:00	02/13/12 20:03	1
Lead	**8.0**		1.2		mg/Kg	☼	02/13/12 10:00	02/13/12 20:03	1
Selenium	ND		4.8		mg/Kg	☼	02/13/12 10:00	02/13/12 20:03	1
Silver	ND		0.60		mg/Kg	☼	02/13/12 10:00	02/13/12 20:03	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.024**		0.024		mg/Kg	☼	02/14/12 11:40	02/14/12 14:00	1

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-16017-1	TP-14 (0-2)	107	108	105
480-16017-1 MS	TP-14 (0-2)	94	103	101
480-16017-1 MSD	TP-14 (0-2)	97	108	105
480-16017-2	TP-15 (0-2)	108	109	107
480-16017-3	TP-3 (0-2)	107	107	107
480-16017-4	TP-4 (0-2)	103	105	103
480-16017-5	TP-5 (0-2)	110	111	108
480-16017-6	TP-11 (0-2)	108	107	104
480-16017-7	TP-17 (0-2)	107	109	106
480-16017-8	TP-9 (0-2)	111	110	107
480-16017-9	TP-20 (0-2)	106	103	102
480-16017-10	TP-10 (0-2)	105	105	103
LCS 480-51456/7	Lab Control Sample	104	109	107
MB 480-51456/8	Method Blank	106	109	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(65-153)	(11-120)
480-16017-1	TP-14 (0-2)	120	127 X	101	116	131	117
480-16017-1 MS	TP-14 (0-2)	127	122 X	102	118	133	112
480-16017-1 MSD	TP-14 (0-2)	127	124 X	107	115	133	116
480-16017-2	TP-15 (0-2)	111	111	85	106	119	98
480-16017-3	TP-3 (0-2)	114	107	90	103	112	102
480-16017-4	TP-4 (0-2)	116	106	85	97	112	96
480-16017-5	TP-5 (0-2)	104	107	89	96	115	98
480-16017-6	TP-11 (0-2)	119	111	91	106	111	101
480-16017-7	TP-17 (0-2)	101	107	91	99	115	97
480-16017-8	TP-9 (0-2)	106	99	78	93	100	88
480-16017-9	TP-20 (0-2)	107	93	76	87	99	86
480-16017-10	TP-10 (0-2)	101	91	72	85	96	81
LCS 480-51361/2-A	Lab Control Sample	107	96	87	94	110	91
MB 480-51361/1-A	Method Blank	112	101	88	99	125	96

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(62-137)	(62-137)	(30-124)	(30-124)
480-16017-1	TP-14 (0-2)	0 X	0 X	0 X	0 X
480-16017-1 MS	TP-14 (0-2)	0 X	0 X	0 X	0 X
480-16017-1 MSD	TP-14 (0-2)	0 X	0 X	0 X	0 X
480-16017-2	TP-15 (0-2)	0 X	0 X	0 X	0 X
LCS 480-51406/2-A	Lab Control Sample	85	76	63	81
MB 480-51406/1-A	Method Blank	86	92	68	81

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(36-182)	(36-182)	(24-172)	(24-172)
480-16017-1	TP-14 (0-2)	80	82	75	83
480-16017-1 MS	TP-14 (0-2)	135	131	128	131
480-16017-1 MSD	TP-14 (0-2)	128	123	122	124
480-16017-2	TP-15 (0-2)	132	129	89	99
480-16017-3	TP-3 (0-2)	111	108	102	112
480-16017-4	TP-4 (0-2)	99	96	91	99
480-16017-5	TP-5 (0-2)	110	107	102	111
480-16017-6	TP-11 (0-2)	110	107	103	112
480-16017-7	TP-17 (0-2)	114	109	104	114
480-16017-8	TP-9 (0-2)	112	109	105	114
480-16017-9	TP-20 (0-2)	115	111	103	114
480-16017-10	TP-10 (0-2)	124	120	110	121
LCS 480-51370/2-A	Lab Control Sample	147	141	138	140
MB 480-51370/1-A	Method Blank	132	126	115	126

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(39-120)	(39-120)
480-16017-1	TP-14 (0-2)	86	113
480-16017-1 MS	TP-14 (0-2)	82	120
480-16017-1 MSD	TP-14 (0-2)	88	130 X
480-16017-2	TP-15 (0-2)	96	97
LCS 480-51410/2-A	Lab Control Sample	77	76
MB 480-51410/1-A	Method Blank	79	76

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-51456/8
Matrix: Solid
Analysis Batch: 51456

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			02/13/12 22:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			02/13/12 22:41	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			02/13/12 22:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			02/13/12 22:41	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			02/13/12 22:41	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			02/13/12 22:41	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			02/13/12 22:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			02/13/12 22:41	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			02/13/12 22:41	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			02/13/12 22:41	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			02/13/12 22:41	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			02/13/12 22:41	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			02/13/12 22:41	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			02/13/12 22:41	1
2-Hexanone	ND		25	2.5	ug/Kg			02/13/12 22:41	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			02/13/12 22:41	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			02/13/12 22:41	1
Acetone	ND		25	4.2	ug/Kg			02/13/12 22:41	1
Benzene	ND		5.0	0.25	ug/Kg			02/13/12 22:41	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			02/13/12 22:41	1
Bromoform	ND		5.0	2.5	ug/Kg			02/13/12 22:41	1
Bromomethane	ND		5.0	0.45	ug/Kg			02/13/12 22:41	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			02/13/12 22:41	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			02/13/12 22:41	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			02/13/12 22:41	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			02/13/12 22:41	1
Chloroethane	ND		5.0	1.1	ug/Kg			02/13/12 22:41	1
Chloroform	ND		5.0	0.31	ug/Kg			02/13/12 22:41	1
Chloromethane	ND		5.0	0.30	ug/Kg			02/13/12 22:41	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			02/13/12 22:41	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			02/13/12 22:41	1
Cyclohexane	ND		5.0	0.70	ug/Kg			02/13/12 22:41	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			02/13/12 22:41	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			02/13/12 22:41	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			02/13/12 22:41	1
Methyl acetate	ND		5.0	0.93	ug/Kg			02/13/12 22:41	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			02/13/12 22:41	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			02/13/12 22:41	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			02/13/12 22:41	1
Styrene	ND		5.0	0.25	ug/Kg			02/13/12 22:41	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			02/13/12 22:41	1
Toluene	ND		5.0	0.38	ug/Kg			02/13/12 22:41	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			02/13/12 22:41	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			02/13/12 22:41	1
Trichloroethene	ND		5.0	1.1	ug/Kg			02/13/12 22:41	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			02/13/12 22:41	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			02/13/12 22:41	1
Xylenes, Total	ND		10	0.84	ug/Kg			02/13/12 22:41	1

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

Lab Sample ID: MB 480-51456/8
Matrix: Solid
Analysis Batch: 51456

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		64 - 126		02/13/12 22:41	1
Toluene-d8 (Surr)	109		71 - 125		02/13/12 22:41	1
4-Bromofluorobenzene (Surr)	105		72 - 126		02/13/12 22:41	1

Lab Sample ID: LCS 480-51456/7
Matrix: Solid
Analysis Batch: 51456

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	54.4		ug/Kg		109	79 - 126
1,1-Dichloroethene	50.0	55.8		ug/Kg		112	65 - 153
1,2-Dichlorobenzene	50.0	53.5		ug/Kg		107	75 - 120
1,2-Dichloroethane	50.0	56.2		ug/Kg		112	77 - 122
Benzene	50.0	55.1		ug/Kg		110	79 - 127
Chlorobenzene	50.0	54.0		ug/Kg		108	76 - 124
cis-1,2-Dichloroethene	50.0	54.3		ug/Kg		109	81 - 117
Ethylbenzene	50.0	54.1		ug/Kg		108	80 - 120
Methyl tert-butyl ether	50.0	52.7		ug/Kg		105	63 - 125
Tetrachloroethene	50.0	54.6		ug/Kg		109	74 - 122
Toluene	50.0	53.4		ug/Kg		107	74 - 128
trans-1,2-Dichloroethene	50.0	55.4		ug/Kg		111	78 - 126
Trichloroethene	50.0	54.8		ug/Kg		110	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		64 - 126
Toluene-d8 (Surr)	109		71 - 125
4-Bromofluorobenzene (Surr)	107		72 - 126

Lab Sample ID: 480-16017-1 MS
Matrix: Solid
Analysis Batch: 51456

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		56.4	51.6		ug/Kg	☼	91	79 - 126
1,1-Dichloroethene	ND		56.4	52.1		ug/Kg	☼	92	65 - 153
1,2-Dichlorobenzene	ND		56.4	36.7	F	ug/Kg	☼	65	75 - 120
1,2-Dichloroethane	ND		56.4	47.9		ug/Kg	☼	85	77 - 122
Benzene	ND		56.4	50.8		ug/Kg	☼	90	79 - 127
Chlorobenzene	ND		56.4	44.8		ug/Kg	☼	79	76 - 124
cis-1,2-Dichloroethene	ND		56.4	48.6		ug/Kg	☼	86	81 - 117
Ethylbenzene	ND		56.4	45.5		ug/Kg	☼	81	80 - 120
Methyl tert-butyl ether	ND		56.4	48.4		ug/Kg	☼	86	63 - 125
Tetrachloroethene	ND		56.4	44.4		ug/Kg	☼	79	74 - 122
Toluene	ND		56.4	47.6		ug/Kg	☼	84	74 - 128
trans-1,2-Dichloroethene	ND		56.4	51.1		ug/Kg	☼	91	78 - 126
Trichloroethene	ND		56.4	47.7		ug/Kg	☼	85	77 - 129

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		64 - 126

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

Lab Sample ID: 480-16017-1 MS
Matrix: Solid
Analysis Batch: 51456

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	*103*		*71 - 125*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*

Lab Sample ID: 480-16017-1 MSD
Matrix: Solid
Analysis Batch: 51456

Client Sample ID: TP-14 (0-2)
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-Dichloroethane	ND		57.3	57.2		ug/Kg	☼	100	79 - 126	10	30
1,1-Dichloroethene	ND		57.3	59.7		ug/Kg	☼	104	65 - 153	14	30
1,2-Dichlorobenzene	ND		57.3	43.3		ug/Kg	☼	76	75 - 120	17	30
1,2-Dichloroethane	ND		57.3	53.7		ug/Kg	☼	94	77 - 122	11	30
Benzene	ND		57.3	57.1		ug/Kg	☼	100	79 - 127	12	30
Chlorobenzene	ND		57.3	51.6		ug/Kg	☼	90	76 - 124	14	30
cis-1,2-Dichloroethene	ND		57.3	54.7		ug/Kg	☼	95	81 - 117	12	30
Ethylbenzene	ND		57.3	52.6		ug/Kg	☼	92	80 - 120	15	30
Methyl tert-butyl ether	ND		57.3	52.1		ug/Kg	☼	91	63 - 125	7	30
Tetrachloroethene	ND		57.3	52.6		ug/Kg	☼	92	74 - 122	17	30
Toluene	ND		57.3	54.2		ug/Kg	☼	95	74 - 128	13	30
trans-1,2-Dichloroethene	ND		57.3	58.0		ug/Kg	☼	101	78 - 126	13	30
Trichloroethene	ND		57.3	54.2		ug/Kg	☼	95	77 - 129	13	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*
Toluene-d8 (Surr)	*108*		*71 - 125*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*

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

Lab Sample ID: MB 480-51361/1-A
Matrix: Solid
Analysis Batch: 51836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		170	36	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2,4,6-Trichlorophenol	ND		170	11	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2,4-Dichlorophenol	ND		170	8.7	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2,4-Dimethylphenol	ND		170	45	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2,4-Dinitrophenol	ND		320	58	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2,4-Dinitrotoluene	ND		170	26	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2,6-Dinitrotoluene	ND		170	41	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2-Chloronaphthalene	ND		170	11	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2-Chlorophenol	ND		170	8.4	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2-Methylnaphthalene	ND		170	2.0	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2-Methylphenol	ND		170	5.1	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2-Nitroaniline	ND		320	53	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
2-Nitrophenol	ND		170	7.6	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
3,3'-Dichlorobenzidine	ND		170	150	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
3-Nitroaniline	ND		320	38	ug/Kg		02/13/12 09:11	02/16/12 13:25	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

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

Lab Sample ID: MB 480-51361/1-A
Matrix: Solid
Analysis Batch: 51836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		320	57	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
4-Bromophenyl phenyl ether	ND		170	53	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
4-Chloro-3-methylphenol	ND		170	6.8	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
4-Chloroaniline	ND		170	49	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
4-Chlorophenyl phenyl ether	ND		170	3.5	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
4-Methylphenol	ND		320	9.2	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
4-Nitroaniline	ND		320	18	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
4-Nitrophenol	ND		320	40	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Acenaphthene	ND		170	1.9	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Biphenyl	ND		170	10	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Acenaphthylene	ND		170	1.4	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
bis (2-chloroisopropyl) ether	ND		170	17	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Acetophenone	ND		170	8.5	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Anthracene	ND		170	4.2	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Atrazine	ND		170	7.4	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Benzaldehyde	ND		170	18	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Benzo(a)anthracene	ND		170	2.9	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Benzo(a)pyrene	ND		170	4.0	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Benzo(b)fluoranthene	ND		170	3.2	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Benzo(k)fluoranthene	ND		170	1.8	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Bis(2-chloroethoxy)methane	ND		170	9.0	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Bis(2-chloroethyl)ether	ND		170	14	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Bis(2-ethylhexyl) phthalate	ND		170	53	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Butyl benzyl phthalate	ND		170	44	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Caprolactam	ND		170	72	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Carbazole	ND		170	1.9	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Chrysene	ND		170	1.7	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Di-n-butyl phthalate	ND		170	57	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Di-n-octyl phthalate	ND		170	3.9	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Dibenz(a,h)anthracene	ND		170	1.9	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Dibenzofuran	ND		170	1.7	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Diethyl phthalate	ND		170	5.0	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Dimethyl phthalate	ND		170	4.3	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Fluoranthene	ND		170	2.4	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Fluorene	ND		170	3.8	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Hexachlorobenzene	ND		170	8.2	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Hexachlorobutadiene	ND		170	8.5	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Hexachlorocyclopentadiene	ND		170	50	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Hexachloroethane	ND		170	13	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Indeno(1,2,3-cd)pyrene	ND		170	4.6	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Isophorone	ND		170	8.3	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
N-Nitrosodi-n-propylamine	ND		170	13	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
N-Nitrosodiphenylamine	ND		170	9.1	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Naphthalene	ND		170	2.8	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Nitrobenzene	ND		170	7.3	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Pentachlorophenol	ND		320	57	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Phenanthrene	ND		170	3.5	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Phenol	ND		170	17	ug/Kg		02/13/12 09:11	02/16/12 13:25	1
Pyrene	ND		170	1.1	ug/Kg		02/13/12 09:11	02/16/12 13:25	1

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

Lab Sample ID: MB 480-51361/1-A
Matrix: Solid
Analysis Batch: 51836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51361

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		39 - 146	02/13/12 09:11	02/16/12 13:25	1
2-Fluorobiphenyl	101		37 - 120	02/13/12 09:11	02/16/12 13:25	1
2-Fluorophenol	88		18 - 120	02/13/12 09:11	02/16/12 13:25	1
Nitrobenzene-d5	99		34 - 132	02/13/12 09:11	02/16/12 13:25	1
p-Terphenyl-d14	125		65 - 153	02/13/12 09:11	02/16/12 13:25	1
Phenol-d5	96		11 - 120	02/13/12 09:11	02/16/12 13:25	1

Lab Sample ID: LCS 480-51361/2-A
Matrix: Solid
Analysis Batch: 52014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	3300	3980		ug/Kg		120	55 - 125
2-Chlorophenol	3300	2950		ug/Kg		89	38 - 120
4-Chloro-3-methylphenol	3300	3420		ug/Kg		103	49 - 125
4-Nitrophenol	3300	3990		ug/Kg		121	43 - 137
Acenaphthene	3300	3250		ug/Kg		98	53 - 120
Bis(2-ethylhexyl) phthalate	3300	3720		ug/Kg		112	61 - 133
Fluorene	3300	3380		ug/Kg		102	63 - 126
Hexachloroethane	3300	2810		ug/Kg		85	41 - 120
N-Nitrosodi-n-propylamine	3300	3320		ug/Kg		101	46 - 120
Pentachlorophenol	3300	3590		ug/Kg		109	33 - 136
Phenol	3300	2960		ug/Kg		89	36 - 120
Pyrene	3300	3420		ug/Kg		103	51 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	107		39 - 146
2-Fluorobiphenyl	96		37 - 120
2-Fluorophenol	87		18 - 120
Nitrobenzene-d5	94		34 - 132
p-Terphenyl-d14	110		65 - 153
Phenol-d5	91		11 - 120

Lab Sample ID: 480-16017-1 MS
Matrix: Solid
Analysis Batch: 51742

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	ND		3850	4850	F	ug/Kg	☼	126	55 - 125
2-Chlorophenol	ND		3850	4150		ug/Kg	☼	108	38 - 120
4-Chloro-3-methylphenol	ND		3850	4540		ug/Kg	☼	118	49 - 125
4-Nitrophenol	ND		3850	4500		ug/Kg	☼	117	43 - 137
Acenaphthene	ND		3850	4730	F	ug/Kg	☼	123	53 - 120
Bis(2-ethylhexyl) phthalate	ND		3850	5000		ug/Kg	☼	130	61 - 133
Fluorene	ND		3850	4810		ug/Kg	☼	125	63 - 126
Hexachloroethane	ND		3850	4080		ug/Kg	☼	106	41 - 120
N-Nitrosodi-n-propylamine	ND		3850	4540		ug/Kg	☼	118	46 - 120
Pentachlorophenol	ND		3850	3790	J	ug/Kg	☼	99	33 - 136
Phenol	ND		3850	4270		ug/Kg	☼	111	36 - 120

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

Lab Sample ID: 480-16017-1 MS
Matrix: Solid
Analysis Batch: 51742

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	860	J	3850	5420		ug/Kg	☼	119	51 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*127*		*39 - 146*
2-Fluorobiphenyl	*122*	*X*	*37 - 120*
2-Fluorophenol	*102*		*18 - 120*
Nitrobenzene-d5	*118*		*34 - 132*
p-Terphenyl-d14	*133*		*65 - 153*
Phenol-d5	*112*		*11 - 120*

Lab Sample ID: 480-16017-1 MSD
Matrix: Solid
Analysis Batch: 51836

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51361

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	ND		3780	4840	F	ug/Kg	☼	128	55 - 125	0	20
2-Chlorophenol	ND		3780	4160		ug/Kg	☼	110	38 - 120	0	25
4-Chloro-3-methylphenol	ND		3780	4240		ug/Kg	☼	112	49 - 125	7	27
4-Nitrophenol	ND		3780	4120		ug/Kg	☼	109	43 - 137	9	25
Acenaphthene	ND		3780	4690	F	ug/Kg	☼	124	53 - 120	1	35
Bis(2-ethylhexyl) phthalate	ND		3780	4950		ug/Kg	☼	131	61 - 133	1	15
Fluorene	ND		3780	4610		ug/Kg	☼	122	63 - 126	4	15
Hexachloroethane	ND		3780	4080		ug/Kg	☼	108	41 - 120	0	46
N-Nitrosodi-n-propylamine	ND		3780	4800	F	ug/Kg	☼	127	46 - 120	6	31
Pentachlorophenol	ND		3780	3540	J	ug/Kg	☼	94	33 - 136	7	35
Phenol	ND		3780	4240		ug/Kg	☼	112	36 - 120	1	35
Pyrene	860	J	3780	4990		ug/Kg	☼	109	51 - 133	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*127*		*39 - 146*
2-Fluorobiphenyl	*124*	*X*	*37 - 120*
2-Fluorophenol	*107*		*18 - 120*
Nitrobenzene-d5	*115*		*34 - 132*
p-Terphenyl-d14	*133*		*65 - 153*
Phenol-d5	*116*		*11 - 120*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-51406/1-A
Matrix: Solid
Analysis Batch: 51644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.6	0.32	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
4,4'-DDE	ND		1.6	0.25	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
4,4'-DDT	ND		1.6	0.17	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Aldrin	ND		1.6	0.40	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
alpha-BHC	ND		1.6	0.30	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
alpha-Chlordane	ND		1.6	0.82	ug/Kg		02/13/12 13:54	02/15/12 11:33	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-51406/1-A
Matrix: Solid
Analysis Batch: 51644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	ND		1.6	0.18	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
delta-BHC	ND		1.6	0.22	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Dieldrin	ND		1.6	0.39	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Endosulfan I	ND		1.6	0.21	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Endosulfan II	ND		1.6	0.30	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Endosulfan sulfate	ND		1.6	0.31	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Endrin	ND		1.6	0.23	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Endrin aldehyde	ND		1.6	0.42	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Endrin ketone	ND		1.6	0.40	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
gamma-BHC (Lindane)	ND		1.6	1.2	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
gamma-Chlordane	ND		1.6	0.52	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Heptachlor	ND		1.6	0.26	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Heptachlor epoxide	ND		1.6	0.42	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Methoxychlor	ND		1.6	0.23	ug/Kg		02/13/12 13:54	02/15/12 11:33	1
Toxaphene	ND		16	9.6	ug/Kg		02/13/12 13:54	02/15/12 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*62 - 137*	*02/13/12 13:54*	*02/15/12 11:33*	*1*
DCB Decachlorobiphenyl	*92*		*62 - 137*	*02/13/12 13:54*	*02/15/12 11:33*	*1*
Tetrachloro-m-xylene	*68*		*30 - 124*	*02/13/12 13:54*	*02/15/12 11:33*	*1*
Tetrachloro-m-xylene	*81*		*30 - 124*	*02/13/12 13:54*	*02/15/12 11:33*	*1*

Lab Sample ID: LCS 480-51406/2-A
Matrix: Solid
Analysis Batch: 51644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	16.6	11.6		ug/Kg		70	45 - 129
4,4'-DDE	16.6	11.2		ug/Kg		68	49 - 120
4,4'-DDT	16.6	11.5		ug/Kg		69	47 - 145
Aldrin	16.6	9.98		ug/Kg		60	35 - 120
alpha-BHC	16.6	9.35		ug/Kg		56	49 - 120
alpha-Chlordane	16.6	8.82		ug/Kg		53	44 - 127
beta-BHC	16.6	11.2		ug/Kg		67	58 - 123
delta-BHC	16.6	10.1		ug/Kg		61	45 - 123
Dieldrin	16.6	11.4		ug/Kg		69	53 - 128
Endosulfan I	16.6	9.98		ug/Kg		60	29 - 125
Endosulfan II	16.6	10.8		ug/Kg		65	56 - 127
Endosulfan sulfate	16.6	12.2		ug/Kg		74	53 - 135
Endrin	16.6	11.0		ug/Kg		66	58 - 129
Endrin aldehyde	16.6	11.5		ug/Kg		69	39 - 133
Endrin ketone	16.6	12.7		ug/Kg		76	61 - 133
gamma-BHC (Lindane)	16.6	9.88		ug/Kg		60	50 - 120
gamma-Chlordane	16.6	11.0		ug/Kg		66	54 - 124
Heptachlor	16.6	10.5		ug/Kg		63	49 - 122
Heptachlor epoxide	16.6	11.0		ug/Kg		66	47 - 128
Methoxychlor	16.6	13.3		ug/Kg		80	61 - 146

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-51406/2-A
Matrix: Solid
Analysis Batch: 51644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51406

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	85		62 - 137
DCB Decachlorobiphenyl	76		62 - 137
Tetrachloro-m-xylene	63		30 - 124
Tetrachloro-m-xylene	81		30 - 124

Lab Sample ID: 480-16017-1 MS
Matrix: Solid
Analysis Batch: 51644

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		19.1	ND		ug/Kg	☼	NC	53 - 124
4,4'-DDE	ND		19.1	ND		ug/Kg	☼	NC	44 - 123
4,4'-DDT	ND		19.1	ND	F	ug/Kg	☼	0	36 - 132
Aldrin	ND		19.1	ND		ug/Kg	☼	NC	35 - 120
alpha-BHC	ND		19.1	ND		ug/Kg	☼	NC	35 - 114
alpha-Chlordane	ND		19.1	ND		ug/Kg	☼	NC	47 - 121
beta-BHC	ND		19.1	ND		ug/Kg	☼	NC	50 - 121
delta-BHC	ND		19.1	ND		ug/Kg	☼	NC	45 - 123
Dieldrin	ND		19.1	ND		ug/Kg	☼	NC	47 - 120
Endosulfan I	ND		19.1	ND		ug/Kg	☼	NC	29 - 125
Endosulfan II	ND		19.1	ND		ug/Kg	☼	NC	21 - 137
Endosulfan sulfate	ND		19.1	ND		ug/Kg	☼	NC	34 - 136
Endrin	ND		19.1	ND		ug/Kg	☼	NC	53 - 120
Endrin aldehyde	ND		19.1	ND		ug/Kg	☼	NC	33 - 120
Endrin ketone	ND		19.1	ND		ug/Kg	☼	NC	49 - 131
gamma-BHC (Lindane)	ND		19.1	ND		ug/Kg	☼	NC	50 - 120
gamma-Chlordane	ND		19.1	ND		ug/Kg	☼	NC	51 - 120
Heptachlor	ND		19.1	ND		ug/Kg	☼	NC	47 - 120
Heptachlor epoxide	ND		19.1	ND		ug/Kg	☼	NC	44 - 122
Methoxychlor	ND		19.1	ND		ug/Kg	☼	NC	53 - 143

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	0	X	62 - 137
DCB Decachlorobiphenyl	0	X	62 - 137
Tetrachloro-m-xylene	0	X	30 - 124
Tetrachloro-m-xylene	0	X	30 - 124

Lab Sample ID: 480-16017-1 MSD
Matrix: Solid
Analysis Batch: 51644

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		19.1	ND		ug/Kg	☼	NC	53 - 124	NC	21
4,4'-DDE	ND		19.1	ND		ug/Kg	☼	NC	44 - 123	NC	18
4,4'-DDT	ND		19.1	ND	F	ug/Kg	☼	0	36 - 132	NC	25
Aldrin	ND		19.1	ND		ug/Kg	☼	NC	35 - 120	NC	12
alpha-BHC	ND		19.1	ND		ug/Kg	☼	NC	35 - 114	NC	15
alpha-Chlordane	ND		19.1	ND		ug/Kg	☼	NC	47 - 121	NC	23
beta-BHC	ND		19.1	ND		ug/Kg	☼	NC	50 - 121	NC	19

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-16017-1 MSD
Matrix: Solid
Analysis Batch: 51644

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC	ND		19.1	ND		ug/Kg	☼	NC	45 - 123	NC	14
Dieldrin	ND		19.1	ND		ug/Kg	☼	NC	47 - 120	NC	12
Endosulfan I	ND		19.1	ND		ug/Kg	☼	NC	29 - 125	NC	18
Endosulfan II	ND		19.1	ND		ug/Kg	☼	NC	21 - 137	NC	26
Endosulfan sulfate	ND		19.1	ND		ug/Kg	☼	NC	34 - 136	NC	35
Endrin	ND		19.1	ND		ug/Kg	☼	NC	53 - 120	NC	20
Endrin aldehyde	ND		19.1	ND		ug/Kg	☼	NC	33 - 120	NC	47
Endrin ketone	ND		19.1	ND		ug/Kg	☼	NC	49 - 131	NC	37
gamma-BHC (Lindane)	ND		19.1	ND		ug/Kg	☼	NC	50 - 120	NC	12
gamma-Chlordane	ND		19.1	ND		ug/Kg	☼	NC	51 - 120	NC	15
Heptachlor	ND		19.1	ND		ug/Kg	☼	NC	47 - 120	NC	22
Heptachlor epoxide	ND		19.1	ND		ug/Kg	☼	NC	44 - 122	NC	15
Methoxychlor	ND		19.1	ND		ug/Kg	☼	NC	53 - 143	NC	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*0*	*X*	*62 - 137*
DCB Decachlorobiphenyl	*0*	*X*	*62 - 137*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*

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

Lab Sample ID: MB 480-51370/1-A
Matrix: Solid
Analysis Batch: 51330

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51370

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230	46	ug/Kg		02/13/12 09:41	02/13/12 17:09	1
PCB-1221	ND		230	46	ug/Kg		02/13/12 09:41	02/13/12 17:09	1
PCB-1232	ND		230	46	ug/Kg		02/13/12 09:41	02/13/12 17:09	1
PCB-1242	ND		230	46	ug/Kg		02/13/12 09:41	02/13/12 17:09	1
PCB-1248	ND		230	46	ug/Kg		02/13/12 09:41	02/13/12 17:09	1
PCB-1254	ND		230	110	ug/Kg		02/13/12 09:41	02/13/12 17:09	1
PCB-1260	ND		230	110	ug/Kg		02/13/12 09:41	02/13/12 17:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*132*		*36 - 182*	*02/13/12 09:41*	*02/13/12 17:09*	*1*
DCB Decachlorobiphenyl	*126*		*36 - 182*	*02/13/12 09:41*	*02/13/12 17:09*	*1*
Tetrachloro-m-xylene	*115*		*24 - 172*	*02/13/12 09:41*	*02/13/12 17:09*	*1*
Tetrachloro-m-xylene	*126*		*24 - 172*	*02/13/12 09:41*	*02/13/12 17:09*	*1*

Lab Sample ID: LCS 480-51370/2-A
Matrix: Solid
Analysis Batch: 51330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51370

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2430	3480		ug/Kg		143	51 - 185
PCB-1260	2430	3470		ug/Kg		143	61 - 184

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

Lab Sample ID: LCS 480-51370/2-A
Matrix: Solid
Analysis Batch: 51330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51370

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*147*		*36 - 182*
DCB Decachlorobiphenyl	*141*		*36 - 182*
Tetrachloro-m-xylene	*138*		*24 - 172*
Tetrachloro-m-xylene	*140*		*24 - 172*

Lab Sample ID: 480-16017-1 MS
Matrix: Solid
Analysis Batch: 51330

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51370

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		2430	2710		ug/Kg	☼	112	42 - 159
PCB-1260	ND		2430	2690		ug/Kg	☼	111	47 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*135*		*36 - 182*
DCB Decachlorobiphenyl	*131*		*36 - 182*
Tetrachloro-m-xylene	*128*		*24 - 172*
Tetrachloro-m-xylene	*131*		*24 - 172*

Lab Sample ID: 480-16017-1 MSD
Matrix: Solid
Analysis Batch: 51330

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51370

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2530	2770		ug/Kg	☼	109	42 - 159	2	50
PCB-1260	ND		2530	2730		ug/Kg	☼	108	47 - 153	1	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*128*		*36 - 182*
DCB Decachlorobiphenyl	*123*		*36 - 182*
Tetrachloro-m-xylene	*122*		*24 - 172*
Tetrachloro-m-xylene	*124*		*24 - 172*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-51410/1-A
Matrix: Solid
Analysis Batch: 51619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		16	5.2	ug/Kg		02/13/12 14:11	02/15/12 18:12	1
Silvex (2,4,5-TP)	ND		16	5.8	ug/Kg		02/13/12 14:11	02/15/12 18:12	1
2,4-D	ND		16	10	ug/Kg		02/13/12 14:11	02/15/12 18:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*79*		*39 - 120*	*02/13/12 14:11*	*02/15/12 18:12*	*1*
2,4-Dichlorophenylacetic acid	*76*		*39 - 120*	*02/13/12 14:11*	*02/15/12 18:12*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 480-51410/2-A
Matrix: Solid
Analysis Batch: 51619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51410

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4,5-T			65.5	51.3		ug/Kg		78	60 - 120		
Silvex (2,4,5-TP)			65.5	49.4		ug/Kg		75	56 - 130		
2,4-D			65.5	49.9		ug/Kg		76	63 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*77*		*39 - 120*
2,4-Dichlorophenylacetic acid	*76*		*39 - 120*

Lab Sample ID: 480-16017-1 MS
Matrix: Solid
Analysis Batch: 51619

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4,5-T	ND		76.0	63.6		ug/Kg	☼	84	48 - 120		
Silvex (2,4,5-TP)	ND		76.0	60.5		ug/Kg	☼	80	38 - 124		
2,4-D	ND		76.0	60.0		ug/Kg	☼	79	37 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*82*		*39 - 120*
2,4-Dichlorophenylacetic acid	*120*		*39 - 120*

Lab Sample ID: 480-16017-1 MSD
Matrix: Solid
Analysis Batch: 51619

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51410

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-T	ND		76.7	65.6		ug/Kg	☼	86	48 - 120	3	50
Silvex (2,4,5-TP)	ND		76.7	63.8		ug/Kg	☼	83	38 - 124	5	50
2,4-D	ND		76.7	67.4		ug/Kg	☼	88	37 - 136	12	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*88*		*39 - 120*
2,4-Dichlorophenylacetic acid	*130*	*X*	*39 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-51352/1-A
Matrix: Solid
Analysis Batch: 51491

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9		mg/Kg		02/13/12 10:00	02/13/12 19:18	1
Barium	ND		0.48		mg/Kg		02/13/12 10:00	02/13/12 19:18	1
Cadmium	ND		0.19		mg/Kg		02/13/12 10:00	02/13/12 19:18	1
Chromium	ND		0.48		mg/Kg		02/13/12 10:00	02/13/12 19:18	1
Lead	ND		0.96		mg/Kg		02/13/12 10:00	02/13/12 19:18	1
Selenium	ND		3.8		mg/Kg		02/13/12 10:00	02/13/12 19:18	1
Silver	ND		0.48		mg/Kg		02/13/12 10:00	02/13/12 19:18	1

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

Lab Sample ID: LCSSRM 480-51352/2-A
Matrix: Solid
Analysis Batch: 51491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51352

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	109	106.0		mg/Kg		97	70 - 134
Barium	206	209.7		mg/Kg		102	73 - 127
Cadmium	80.2	77.77		mg/Kg		97	73 - 127
Chromium	117	113.1		mg/Kg		97	70 - 130
Lead	76.2	75.01		mg/Kg		98	69 - 131
Selenium	127	128.7		mg/Kg		101	67 - 134
Silver	41.0	39.21		mg/Kg		96	66 - 134

Lab Sample ID: 480-16017-1 MS
Matrix: Solid
Analysis Batch: 51491

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	7.4		45.5	55.77		mg/Kg	☼	106	75 - 125
Barium	92.5		45.5	159.7	F	mg/Kg	☼	148	75 - 125
Cadmium	0.36		45.5	46.14		mg/Kg	☼	101	75 - 125
Chromium	16.4		45.5	62.94		mg/Kg	☼	102	75 - 125
Lead	45.0		45.5	86.60		mg/Kg	☼	92	75 - 125
Selenium	ND		45.5	45.31		mg/Kg	☼	100	75 - 125
Silver	ND		11.4	10.09		mg/Kg	☼	89	75 - 125

Lab Sample ID: 480-16017-1 MSD
Matrix: Solid
Analysis Batch: 51491

Client Sample ID: TP-14 (0-2)
Prep Type: Total/NA
Prep Batch: 51352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	7.4		43.1	51.04		mg/Kg	☼	101	75 - 125	9	20
Barium	92.5		43.1	136.6		mg/Kg	☼	102	75 - 125	16	20
Cadmium	0.36		43.1	44.52		mg/Kg	☼	103	75 - 125	4	20
Chromium	16.4		43.1	57.73		mg/Kg	☼	96	75 - 125	9	20
Lead	45.0		43.1	85.95		mg/Kg	☼	95	75 - 125	1	20
Selenium	ND		43.1	42.97		mg/Kg	☼	100	75 - 125	5	20
Silver	ND		10.8	8.98		mg/Kg	☼	83	75 - 125	12	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-51511/1-A
Matrix: Solid
Analysis Batch: 51568

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51511

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019		mg/Kg		02/14/12 11:40	02/14/12 13:13	1

Lab Sample ID: LCSSRM 480-51511/2-A
Matrix: Solid
Analysis Batch: 51568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51511

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.77	5.01		mg/Kg		133	51 - 149

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 480-16017-1 MS — **Client Sample ID: TP-14 (0-2)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51568 — **Prep Batch: 51511**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.082		0.356	0.462		mg/Kg	☼	107	75 - 125

Lab Sample ID: 480-16017-1 MSD — **Client Sample ID: TP-14 (0-2)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51568 — **Prep Batch: 51511**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.082		0.353	0.473		mg/Kg	☼	111	75 - 125	2	20

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-51464/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51551 — **Prep Batch: 51464**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.99		mg/Kg		02/13/12 17:00	02/14/12 12:51	1

Lab Sample ID: LCS 480-51464/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51551 — **Prep Batch: 51464**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	44.0	24.12		mg/Kg		55	29 - 122

Lab Sample ID: 480-16017-1 MS — **Client Sample ID: TP-14 (0-2)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51551 — **Prep Batch: 51464**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		10.6	10.96		mg/Kg	☼	103	85 - 115

Lab Sample ID: 480-16017-1 MSD — **Client Sample ID: TP-14 (0-2)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51551 — **Prep Batch: 51464**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		10.7	4.69	F	mg/Kg	☼	44	85 - 115	80	15

Lab Sample ID: 480-16017-2 DU — **Client Sample ID: TP-15 (0-2)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 51551 — **Prep Batch: 51464**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	ND		ND		mg/Kg	☼	NC	15

GC/MS VOA

Analysis Batch: 51456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	8260B	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	8260B	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	8260B	
480-16017-2	TP-15 (0-2)	Total/NA	Solid	8260B	
480-16017-3	TP-3 (0-2)	Total/NA	Solid	8260B	
480-16017-4	TP-4 (0-2)	Total/NA	Solid	8260B	
480-16017-5	TP-5 (0-2)	Total/NA	Solid	8260B	
480-16017-6	TP-11 (0-2)	Total/NA	Solid	8260B	
480-16017-7	TP-17 (0-2)	Total/NA	Solid	8260B	
480-16017-8	TP-9 (0-2)	Total/NA	Solid	8260B	
480-16017-9	TP-20 (0-2)	Total/NA	Solid	8260B	
480-16017-10	TP-10 (0-2)	Total/NA	Solid	8260B	
LCS 480-51456/7	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-51456/8	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 51361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-2	TP-15 (0-2)	Total/NA	Solid	3550B	
480-16017-3	TP-3 (0-2)	Total/NA	Solid	3550B	
480-16017-4	TP-4 (0-2)	Total/NA	Solid	3550B	
480-16017-5	TP-5 (0-2)	Total/NA	Solid	3550B	
480-16017-6	TP-11 (0-2)	Total/NA	Solid	3550B	
480-16017-7	TP-17 (0-2)	Total/NA	Solid	3550B	
480-16017-8	TP-9 (0-2)	Total/NA	Solid	3550B	
480-16017-9	TP-20 (0-2)	Total/NA	Solid	3550B	
480-16017-10	TP-10 (0-2)	Total/NA	Solid	3550B	
LCS 480-51361/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-51361/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 51742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	8270C	51361
480-16017-2	TP-15 (0-2)	Total/NA	Solid	8270C	51361

Analysis Batch: 51836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	8270C	51361
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	8270C	51361
480-16017-3	TP-3 (0-2)	Total/NA	Solid	8270C	51361
480-16017-4	TP-4 (0-2)	Total/NA	Solid	8270C	51361
480-16017-5	TP-5 (0-2)	Total/NA	Solid	8270C	51361
480-16017-6	TP-11 (0-2)	Total/NA	Solid	8270C	51361
480-16017-7	TP-17 (0-2)	Total/NA	Solid	8270C	51361
480-16017-8	TP-9 (0-2)	Total/NA	Solid	8270C	51361
480-16017-9	TP-20 (0-2)	Total/NA	Solid	8270C	51361
480-16017-10	TP-10 (0-2)	Total/NA	Solid	8270C	51361
MB 480-51361/1-A	Method Blank	Total/NA	Solid	8270C	51361

GC/MS Semi VOA (Continued)

Analysis Batch: 52014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-51361/2-A	Lab Control Sample	Total/NA	Solid	8270C	51361

GC Semi VOA

Analysis Batch: 51330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	8082	51370
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	8082	51370
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	8082	51370
480-16017-2	TP-15 (0-2)	Total/NA	Solid	8082	51370
480-16017-3	TP-3 (0-2)	Total/NA	Solid	8082	51370
480-16017-4	TP-4 (0-2)	Total/NA	Solid	8082	51370
480-16017-5	TP-5 (0-2)	Total/NA	Solid	8082	51370
480-16017-6	TP-11 (0-2)	Total/NA	Solid	8082	51370
480-16017-7	TP-17 (0-2)	Total/NA	Solid	8082	51370
480-16017-8	TP-9 (0-2)	Total/NA	Solid	8082	51370
480-16017-9	TP-20 (0-2)	Total/NA	Solid	8082	51370
480-16017-10	TP-10 (0-2)	Total/NA	Solid	8082	51370
LCS 480-51370/2-A	Lab Control Sample	Total/NA	Solid	8082	51370
MB 480-51370/1-A	Method Blank	Total/NA	Solid	8082	51370

Prep Batch: 51370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-2	TP-15 (0-2)	Total/NA	Solid	3550B	
480-16017-3	TP-3 (0-2)	Total/NA	Solid	3550B	
480-16017-4	TP-4 (0-2)	Total/NA	Solid	3550B	
480-16017-5	TP-5 (0-2)	Total/NA	Solid	3550B	
480-16017-6	TP-11 (0-2)	Total/NA	Solid	3550B	
480-16017-7	TP-17 (0-2)	Total/NA	Solid	3550B	
480-16017-8	TP-9 (0-2)	Total/NA	Solid	3550B	
480-16017-9	TP-20 (0-2)	Total/NA	Solid	3550B	
480-16017-10	TP-10 (0-2)	Total/NA	Solid	3550B	
LCS 480-51370/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-51370/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 51406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	3550B	
480-16017-2	TP-15 (0-2)	Total/NA	Solid	3550B	
LCS 480-51406/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-51406/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 51410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	8151A	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	8151A	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 51410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-2	TP-15 (0-2)	Total/NA	Solid	8151A	
LCS 480-51410/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 480-51410/1-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 51619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	8151A	51410
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	8151A	51410
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	8151A	51410
480-16017-2	TP-15 (0-2)	Total/NA	Solid	8151A	51410
LCS 480-51410/2-A	Lab Control Sample	Total/NA	Solid	8151A	51410
MB 480-51410/1-A	Method Blank	Total/NA	Solid	8151A	51410

Analysis Batch: 51644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	8081A	51406
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	8081A	51406
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	8081A	51406
480-16017-2	TP-15 (0-2)	Total/NA	Solid	8081A	51406
LCS 480-51406/2-A	Lab Control Sample	Total/NA	Solid	8081A	51406
MB 480-51406/1-A	Method Blank	Total/NA	Solid	8081A	51406

Metals

Prep Batch: 51352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	3050B	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	3050B	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	3050B	
480-16017-2	TP-15 (0-2)	Total/NA	Solid	3050B	
480-16017-3	TP-3 (0-2)	Total/NA	Solid	3050B	
480-16017-4	TP-4 (0-2)	Total/NA	Solid	3050B	
480-16017-5	TP-5 (0-2)	Total/NA	Solid	3050B	
480-16017-6	TP-11 (0-2)	Total/NA	Solid	3050B	
480-16017-7	TP-17 (0-2)	Total/NA	Solid	3050B	
480-16017-8	TP-9 (0-2)	Total/NA	Solid	3050B	
480-16017-9	TP-20 (0-2)	Total/NA	Solid	3050B	
480-16017-10	TP-10 (0-2)	Total/NA	Solid	3050B	
LCSSRM 480-51352/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-51352/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 51491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	6010B	51352
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	6010B	51352
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	6010B	51352
480-16017-2	TP-15 (0-2)	Total/NA	Solid	6010B	51352
480-16017-3	TP-3 (0-2)	Total/NA	Solid	6010B	51352
480-16017-4	TP-4 (0-2)	Total/NA	Solid	6010B	51352
480-16017-5	TP-5 (0-2)	Total/NA	Solid	6010B	51352
480-16017-6	TP-11 (0-2)	Total/NA	Solid	6010B	51352
480-16017-7	TP-17 (0-2)	Total/NA	Solid	6010B	51352

Metals (Continued)

Analysis Batch: 51491 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-8	TP-9 (0-2)	Total/NA	Solid	6010B	51352
480-16017-9	TP-20 (0-2)	Total/NA	Solid	6010B	51352
480-16017-10	TP-10 (0-2)	Total/NA	Solid	6010B	51352
LCSSRM 480-51352/2-A	Lab Control Sample	Total/NA	Solid	6010B	51352
MB 480-51352/1-A	Method Blank	Total/NA	Solid	6010B	51352

Prep Batch: 51511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	7471A	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	7471A	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	7471A	
480-16017-2	TP-15 (0-2)	Total/NA	Solid	7471A	
480-16017-3	TP-3 (0-2)	Total/NA	Solid	7471A	
480-16017-4	TP-4 (0-2)	Total/NA	Solid	7471A	
480-16017-5	TP-5 (0-2)	Total/NA	Solid	7471A	
480-16017-6	TP-11 (0-2)	Total/NA	Solid	7471A	
480-16017-7	TP-17 (0-2)	Total/NA	Solid	7471A	
480-16017-8	TP-9 (0-2)	Total/NA	Solid	7471A	
480-16017-9	TP-20 (0-2)	Total/NA	Solid	7471A	
480-16017-10	TP-10 (0-2)	Total/NA	Solid	7471A	
LCSSRM 480-51511/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-51511/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 51568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	7471A	51511
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	7471A	51511
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	7471A	51511
480-16017-2	TP-15 (0-2)	Total/NA	Solid	7471A	51511
480-16017-3	TP-3 (0-2)	Total/NA	Solid	7471A	51511
480-16017-4	TP-4 (0-2)	Total/NA	Solid	7471A	51511
480-16017-5	TP-5 (0-2)	Total/NA	Solid	7471A	51511
480-16017-6	TP-11 (0-2)	Total/NA	Solid	7471A	51511
480-16017-7	TP-17 (0-2)	Total/NA	Solid	7471A	51511
480-16017-8	TP-9 (0-2)	Total/NA	Solid	7471A	51511
480-16017-9	TP-20 (0-2)	Total/NA	Solid	7471A	51511
480-16017-10	TP-10 (0-2)	Total/NA	Solid	7471A	51511
LCSSRM 480-51511/2-A	Lab Control Sample	Total/NA	Solid	7471A	51511
MB 480-51511/1-A	Method Blank	Total/NA	Solid	7471A	51511

Analysis Batch: 51641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-3	TP-3 (0-2)	Total/NA	Solid	6010B	51352

General Chemistry

Analysis Batch: 51392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	Moisture	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	Moisture	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	Moisture	
480-16017-2	TP-15 (0-2)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 51392 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-4	TP-4 (0-2)	Total/NA	Solid	Moisture	
480-16017-5	TP-5 (0-2)	Total/NA	Solid	Moisture	
480-16017-6	TP-11 (0-2)	Total/NA	Solid	Moisture	
480-16017-7	TP-17 (0-2)	Total/NA	Solid	Moisture	
480-16017-8	TP-9 (0-2)	Total/NA	Solid	Moisture	
480-16017-9	TP-20 (0-2)	Total/NA	Solid	Moisture	
480-16017-10	TP-10 (0-2)	Total/NA	Solid	Moisture	

Prep Batch: 51464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	9012A	
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	9012A	
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	9012A	
480-16017-2	TP-15 (0-2)	Total/NA	Solid	9012A	
480-16017-2 DU	TP-15 (0-2)	Total/NA	Solid	9012A	
LCS 480-51464/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-51464/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 51530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-3	TP-3 (0-2)	Total/NA	Solid	Moisture	

Analysis Batch: 51551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16017-1	TP-14 (0-2)	Total/NA	Solid	9012A	51464
480-16017-1 MS	TP-14 (0-2)	Total/NA	Solid	9012A	51464
480-16017-1 MSD	TP-14 (0-2)	Total/NA	Solid	9012A	51464
480-16017-2	TP-15 (0-2)	Total/NA	Solid	9012A	51464
480-16017-2 DU	TP-15 (0-2)	Total/NA	Solid	9012A	51464
LCS 480-51464/2-A	Lab Control Sample	Total/NA	Solid	9012A	51464
MB 480-51464/1-A	Method Blank	Total/NA	Solid	9012A	51464

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-14 (0-2)

Lab Sample ID: 480-16017-1

Date Collected: 02/07/12 09:15

Matrix: Solid

Date Received: 02/09/12 13:40

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 01:00	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		10	51836	02/16/12 14:35	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 19:38	JM	TAL BUF
Total/NA	Prep	8151A			51410	02/13/12 14:11	CM	TAL BUF
Total/NA	Analysis	8151A		1	51619	02/15/12 20:10	MN	TAL BUF
Total/NA	Prep	3550B			51406	02/13/12 13:54	CM	TAL BUF
Total/NA	Analysis	8081A		100	51644	02/15/12 14:16	LW	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 19:29	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:30	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF
Total/NA	Prep	9012A			51464	02/13/12 17:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	51551	02/14/12 12:54	JS	TAL BUF

Client Sample ID: TP-15 (0-2)

Lab Sample ID: 480-16017-2

Date Collected: 02/08/12 12:10

Matrix: Solid

Date Received: 02/09/12 13:40

Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 02:16	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		10	51742	02/16/12 02:41	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 19:52	JM	TAL BUF
Total/NA	Prep	8151A			51410	02/13/12 14:11	CM	TAL BUF
Total/NA	Analysis	8151A		1	51619	02/15/12 21:09	MN	TAL BUF
Total/NA	Prep	3550B			51406	02/13/12 13:54	CM	TAL BUF
Total/NA	Analysis	8081A		100	51644	02/15/12 14:57	LW	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 19:40	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:41	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF
Total/NA	Prep	9012A			51464	02/13/12 17:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	51551	02/14/12 12:57	JS	TAL BUF

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-3 (0-2)

Lab Sample ID: 480-16017-3

Date Collected: 02/07/12 16:10
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 02:41	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		1	51836	02/16/12 14:58	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 20:07	JM	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 19:43	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:43	MM	TAL BUF
Total/NA	Analysis	6010B		5	51641	02/14/12 17:04	AH	TAL BUF
Total/NA	Analysis	Moisture		1	51530	02/14/12 11:42	ZLR	TAL BUF

Client Sample ID: TP-4 (0-2)

Lab Sample ID: 480-16017-4

Date Collected: 02/07/12 12:45
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 03:07	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		1	51836	02/16/12 15:22	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 20:22	JM	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 19:45	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:45	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF

Client Sample ID: TP-5 (0-2)

Lab Sample ID: 480-16017-5

Date Collected: 02/07/12 11:45
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 03:32	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		10	51836	02/16/12 15:45	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 20:37	JM	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 19:52	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:46	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF

Client Sample ID: TP-11 (0-2)

Lab Sample ID: 480-16017-6

Date Collected: 02/07/12 11:05
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 03:58	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		1	51836	02/16/12 16:09	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 20:52	JM	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 19:54	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:48	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF

Client Sample ID: TP-17 (0-2)

Lab Sample ID: 480-16017-7

Date Collected: 02/07/12 14:35
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 04:23	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		10	51836	02/16/12 16:32	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 21:06	JM	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 19:56	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:50	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF

Client Sample ID: TP-9 (0-2)

Lab Sample ID: 480-16017-8

Date Collected: 02/08/12 12:45
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 66.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 04:49	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		1	51836	02/16/12 16:55	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 21:21	JM	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 19:58	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:52	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Client Sample ID: TP-20 (0-2)

Lab Sample ID: 480-16017-9

Date Collected: 02/08/12 11:15
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 05:14	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		1	51836	02/16/12 17:19	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 22:05	JM	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 20:01	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 13:59	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF

Client Sample ID: TP-10 (0-2)

Lab Sample ID: 480-16017-10

Date Collected: 02/08/12 16:30
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51456	02/14/12 05:39	JMB	TAL BUF
Total/NA	Prep	3550B			51361	02/13/12 09:11	CM	TAL BUF
Total/NA	Analysis	8270C		1	51836	02/16/12 17:42	RMM	TAL BUF
Total/NA	Prep	3550B			51370	02/13/12 09:41	CM	TAL BUF
Total/NA	Analysis	8082		1	51330	02/13/12 22:20	JM	TAL BUF
Total/NA	Prep	3050B			51352	02/13/12 10:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	51491	02/13/12 20:03	AH	TAL BUF
Total/NA	Prep	7471A			51511	02/14/12 11:40	MM	TAL BUF
Total/NA	Analysis	7471A		1	51568	02/14/12 14:00	MM	TAL BUF
Total/NA	Analysis	Moisture		1	51392	02/13/12 11:40	ZR	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081A	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151A	Herbicides (GC)	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

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 BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16017-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-16017-1	TP-14 (0-2)	Solid	02/07/12 09:15	02/09/12 13:40
480-16017-2	TP-15 (0-2)	Solid	02/08/12 12:10	02/09/12 13:40
480-16017-3	TP-3 (0-2)	Solid	02/07/12 16:10	02/09/12 13:40
480-16017-4	TP-4 (0-2)	Solid	02/07/12 12:45	02/09/12 13:40
480-16017-5	TP-5 (0-2)	Solid	02/07/12 11:45	02/09/12 13:40
480-16017-6	TP-11 (0-2)	Solid	02/07/12 11:05	02/09/12 13:40
480-16017-7	TP-17 (0-2)	Solid	02/07/12 14:35	02/09/12 13:40
480-16017-8	TP-9 (0-2)	Solid	02/08/12 12:45	02/09/12 13:40
480-16017-9	TP-20 (0-2)	Solid	02/08/12 11:15	02/09/12 13:40
480-16017-10	TP-10 (0-2)	Solid	02/08/12 16:30	02/09/12 13:40

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TAL-4124 (1007)

Client: Turnkey Environmental	Project Manager: Bryan Hunn	Date: 2/8/12	Chain of Custody Number: 149955
Address: 2558 Hamburg Turnpike	Telephone Number (Area Code)/Fax Number: (716) 856-0635	Lab Number:	Page 1 of 1
City: Lackawanna / State: NY / Zip Code: 14218	Site Contact: T. Bohnet	Lab Contact: B. Fisch	
Project Name and Location (State): South Buffalo Charter School	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TCL VOC 8260	SVOC BN only 8270	SVOC BNA 8270	TCL SVOC	RCRA METALS	TCL PCBs	TCL Herb	TCL PEST	T. CN				
TP-14 (0-2) MS/MSD	2/7/12	915				X	X						X		X		X	X	X	X	X				
TP-15 (0-2)	2/8/12	1210				X	X						X		X		X	X	X	X	X				
TP-3 (0-2)	2/7/12	1610				X	X						X	X			X	X							
TP-4 (0-2)	↓	1245				X	X						X	X			X	X							
TP-5 (0-2)		1145				X	X						X	X			X	X							
TP-11 (0-2)		1105				X	X						X	X			X	X							
TP-17 (0-2)		1435				X	X						X	X			X	X							
TP-9 (0-2)	2/8/12	1245				X	X						X	X			X	X							
TP-20 (0-2)	↓	1115				X	X						X	X			X	X							
TP-10 (0-2)		1630				X	X						X	X			X	X							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify) CAT B

	Date	Time		Date	Time
1. Relinquished By	2/9/12	0800	1. Received By	02-09-12	12:20
2. Relinquished By	02-09-12	13:40	2. Received By	2/9/12	1340
3. Relinquished By			3. Received By		

Comments 1.8 #2

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Turnkey Environmental Restoration, LLC

Job Number: 480-16017-1

Login Number: 16017

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8 #2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TURNKEY
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX B-2

SUBSURFACE SOIL/FILL

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-16567-1
Client Project/Site: Turnkey - 154 S. Ogden St. site

For:
Turnkey Environmental Restoration, LLC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Attn: Mr. Tom Forbes

Authorized for release by:
2/28/2012 4:42:43 PM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com

Table of Contents

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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: 480-16567-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-16567-1

Receipt
All samples were received in good condition within temperature requirements.

Metals
No analytical or quality issues were noted.

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Client Sample ID: TP-3 (11-13) — Lab Sample ID: 480-16567-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.8		2.6		mg/Kg	1	☼	6010B	Total/NA
Lead	10.1		1.3		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: TP-4 (6-15) — Lab Sample ID: 480-16567-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.7		2.6		mg/Kg	1	☼	6010B	Total/NA
Lead	190		1.3		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: TP-17 (6-17) — Lab Sample ID: 480-16567-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.4		3.0		mg/Kg	1	☼	6010B	Total/NA
Lead	2400		1.5		mg/Kg	1	☼	6010B	Total/NA

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Client Sample ID: TP-3 (11-13)
Date Collected: 02/07/12 16:00
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16567-1
Matrix: Solid
Percent Solids: 79.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		2.6		mg/Kg	☼	02/27/12 11:45	02/28/12 13:29	1
Lead	10.1		1.3		mg/Kg	☼	02/27/12 11:45	02/28/12 13:29	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Client Sample ID: TP-4 (6-15)
Date Collected: 02/07/12 12:30
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16567-2
Matrix: Solid
Percent Solids: 77.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		2.6		mg/Kg	☼	02/27/12 11:45	02/28/12 13:32	1
Lead	190		1.3		mg/Kg	☼	02/27/12 11:45	02/28/12 13:32	1

Client Sample Results

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Client Sample ID: TP-17 (6-17)
Date Collected: 02/07/12 14:40
Date Received: 02/09/12 13:40

Lab Sample ID: 480-16567-3
Matrix: Solid
Percent Solids: 66.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		3.0		mg/Kg	☼	02/27/12 11:45	02/28/12 13:39	1
Lead	2400		1.5		mg/Kg	☼	02/27/12 11:45	02/28/12 13:39	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-53030/1-A
Matrix: Solid
Analysis Batch: 53144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 53030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9		mg/Kg		02/27/12 11:45	02/27/12 20:11	1
Lead	ND		0.97		mg/Kg		02/27/12 11:45	02/27/12 20:11	1

Lab Sample ID: LCSSRM 480-53030/2-A
Matrix: Solid
Analysis Batch: 53144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 53030

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	109	104.0		mg/Kg		96	70 - 134
Lead	76.1	76.55		mg/Kg		101	69 - 131

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Metals

Prep Batch: 53030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16567-1	TP-3 (11-13)	Total/NA	Solid	3050B	
480-16567-2	TP-4 (6-15)	Total/NA	Solid	3050B	
480-16567-3	TP-17 (6-17)	Total/NA	Solid	3050B	
LCSSRM 480-53030/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-53030/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 53144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 480-53030/2-A	Lab Control Sample	Total/NA	Solid	6010B	53030
MB 480-53030/1-A	Method Blank	Total/NA	Solid	6010B	53030

Analysis Batch: 53201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16567-1	TP-3 (11-13)	Total/NA	Solid	6010B	53030
480-16567-2	TP-4 (6-15)	Total/NA	Solid	6010B	53030
480-16567-3	TP-17 (6-17)	Total/NA	Solid	6010B	53030

General Chemistry

Analysis Batch: 53034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16567-1	TP-3 (11-13)	Total/NA	Solid	Moisture	
480-16567-2	TP-4 (6-15)	Total/NA	Solid	Moisture	
480-16567-3	TP-17 (6-17)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Client Sample ID: TP-3 (11-13)

Lab Sample ID: 480-16567-1

Date Collected: 02/07/12 16:00
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			53030	02/27/12 11:45	SS	TAL BUF
Total/NA	Analysis	6010B		1	53201	02/28/12 13:29	LH	TAL BUF
Total/NA	Analysis	Moisture		1	53034	02/27/12 12:00	ZR	TAL BUF

Client Sample ID: TP-4 (6-15)

Lab Sample ID: 480-16567-2

Date Collected: 02/07/12 12:30
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			53030	02/27/12 11:45	SS	TAL BUF
Total/NA	Analysis	6010B		1	53201	02/28/12 13:32	LH	TAL BUF
Total/NA	Analysis	Moisture		1	53034	02/27/12 12:00	ZR	TAL BUF

Client Sample ID: TP-17 (6-17)

Lab Sample ID: 480-16567-3

Date Collected: 02/07/12 14:40
Matrix: Solid
Date Received: 02/09/12 13:40
Percent Solids: 66.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			53030	02/27/12 11:45	SS	TAL BUF
Total/NA	Analysis	6010B		1	53201	02/28/12 13:39	LH	TAL BUF
Total/NA	Analysis	Moisture		1	53034	02/27/12 12:00	ZR	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia EPD	State Program	4	956
TestAmerica Buffalo	Georgia EPD	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky - UST	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

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 BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16567-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-16567-1	TP-3 (11-13)	Solid	02/07/12 16:00	02/09/12 13:40
480-16567-2	TP-4 (6-15)	Solid	02/07/12 12:30	02/09/12 13:40
480-16567-3	TP-17 (6-17)	Solid	02/07/12 14:40	02/09/12 13:40

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Turnkey Environmental Recs	Project Manager: Bryan Hann	Date: 2/8/12	Chain of Custody Number: 149958
Address: 2558 Hamburg Turnpike	Telephone Number (Area Code)/Fax Number: (716) 856-0635	Lab Number:	Page 3 of 3
City: Lackawanna State: NY Zip Code: 14218	Site Contact: T. Belward	Lab Contact: B. Fisch	
Project Name and Location (State): South Buffalo Charter School	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): TCL VOC 8260	TCL BN ONLY 8270	TCL SVOA 8270	RCRA METALS	TCL PCBs	Special Instructions/ Conditions of Receipt
TP-13 (0-2)	2/7/12	1330				X	X						X	X		X	X	Hold
TP-13 (7-9)		1325				X	X						X		X	X		Hold
TP-04 (6-15)		1230				X	X						X	X		X	X	Hold
TP-04 (15-16)		1221				X	X						X		X	X		Hold
TP-05 (13-14)		1150				X	X						X		X	X		Hold
TP-11 (7-9)		1105				X	X						X		X	X		Hold
TP-12 (0-2)		1000				X	X						X	X		X	X	Hold
TP-14 (8-10)		910				X	X						X		X	X		Hold
TP-12 (11-13)		1010				X	X						X		X	X		Hold

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify): CAT B

	Date	Time		Date	Time
1. Relinquished By	2/8/12	0800	1. Received By	02-09-12	12:20
2. Relinquished By	02-09-12	13:40	2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Turnkey Environmental	Bryan Hunn	2/8/12	149957
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 2 of 3
2558 Hamburg Turnpike	(716) 856-0635		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Lackawanna / NY / 14218	T. Edwards	B. Fisher	
Project Name and Location (State)	**Carrier/Waybill Number**		
South Buffalo Church			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOC 8260	BN ONLY 8270	TCL 8270	RCRA METALS	TCL PCBs	Special Instructions/ Conditions of Receipt
TP-2 (6-11)	2/7/12	1645				X							X	X	■	X	X	Hold
TP-7 (8-10)	2/8/12	1420				X							X		X	X		Hold
TP-7 (0-2)	↓	1430				X							X	X		X	X	Hold
TP-2 (0-2)	12/7/12	1640				X							X	X		X	X	Hold
TP-2 (11-13)		1650				X							X		X	X		Hold
TP-3 (6-11)		1605				X							X	X		X	X	Hold
TP-3 (11-13)		1600				X							X		X	X		Hold
TP-3 (14-15)		1615				X							X		X			Hold
TP-18 (0-2)		1455				X							X	X		X	X	Hold
TP-18 (2-4)		1450				X							X	■	X	X		Hold
TP-17 (6-17)		1440				X							X	X		X	X	Hold
TP-05 (13-14)	↓	1150				X							X	·	X	X		Hold

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify)
CAT B

	Date	Time
1. Relinquished By	2/9/12	
2. Relinquished By	02-09-12	13:40
3. Relinquished By		
1. Received By	02-09-12	12:20
2. Received By		
3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Turnkey Environmental Restoration, LLC

Job Number: 480-16567-1

Login Number: 16567

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TK
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX B-3

GROUNDWATER

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-16020-1
Client Project/Site: Turnkey - 154 S. Ogden St. site

For:
Turnkey Environmental Restoration, LLC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Attn: Mr. Bryan Hann

Authorized for release by:
2/24/2012 10:44:39 AM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com

Table of Contents

Definitions/Glossary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.

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: 480-16020-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-16020-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The method blank for preparation batch 480-51566 contained Di-n-butyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8270C: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-51566 exceeded control limits for the several analytes. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-03 — Lab Sample ID: 480-16020-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.42	J	4.7	0.39	ug/L	1		8270C	Total/NA
Acetophenone	13		4.7	0.51	ug/L	1		8270C	Total/NA
Di-n-butyl phthalate	0.39	J B	4.7	0.29	ug/L	1		8270C	Total/NA
Naphthalene	21		4.7	0.72	ug/L	1		8270C	Total/NA
Pyrene	0.36	J	4.7	0.32	ug/L	1		8270C	Total/NA

Client Sample ID: TMW-01 — Lab Sample ID: 480-16024-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.3	J	10	1.3	ug/L	1		8260B	Total/NA
Acetone	4.2	J	10	3.0	ug/L	1		8260B	Total/NA
Methylene Chloride	1.3		1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-02 — Lab Sample ID: 480-16024-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.1		1.0	0.79	ug/L	1		8260B	Total/NA
Chlorobenzene	6.3		1.0	0.75	ug/L	1		8260B	Total/NA
Methylene Chloride	0.59	J	1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-03 — Lab Sample ID: 480-16024-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.3	J	10	1.3	ug/L	1		8260B	Total/NA
Benzene	1.2		1.0	0.41	ug/L	1		8260B	Total/NA
Chlorobenzene	0.78	J	1.0	0.75	ug/L	1		8260B	Total/NA
Cyclohexane	3.2		1.0	0.18	ug/L	1		8260B	Total/NA
Ethylbenzene	1.6		1.0	0.74	ug/L	1		8260B	Total/NA
Isopropylbenzene	25		1.0	0.79	ug/L	1		8260B	Total/NA
Methylcyclohexane	11		1.0	0.16	ug/L	1		8260B	Total/NA
Toluene	0.54	J	1.0	0.51	ug/L	1		8260B	Total/NA
Xylenes, Total	6.0		2.0	0.66	ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-16024-4

No Detections

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-03
Date Collected: 02/10/12 09:15
Date Received: 02/10/12 13:25

Lab Sample ID: 480-16020-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.7	0.62	ug/L		02/14/12 14:16	02/15/12 20:13	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		02/14/12 14:16	02/15/12 20:13	1
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		02/14/12 14:16	02/15/12 20:13	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		02/14/12 14:16	02/15/12 20:13	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		02/14/12 14:16	02/15/12 20:13	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		02/14/12 14:16	02/15/12 20:13	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		02/14/12 14:16	02/15/12 20:13	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		02/14/12 14:16	02/15/12 20:13	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		02/14/12 14:16	02/15/12 20:13	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		02/14/12 14:16	02/15/12 20:13	1
2-Chlorophenol	ND		4.7	0.50	ug/L		02/14/12 14:16	02/15/12 20:13	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		02/14/12 14:16	02/15/12 20:13	1
2-Methylphenol	ND		4.7	0.38	ug/L		02/14/12 14:16	02/15/12 20:13	1
2-Nitroaniline	ND		9.4	0.40	ug/L		02/14/12 14:16	02/15/12 20:13	1
2-Nitrophenol	ND		4.7	0.45	ug/L		02/14/12 14:16	02/15/12 20:13	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		02/14/12 14:16	02/15/12 20:13	1
3-Nitroaniline	ND		9.4	0.45	ug/L		02/14/12 14:16	02/15/12 20:13	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		02/14/12 14:16	02/15/12 20:13	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		02/14/12 14:16	02/15/12 20:13	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		02/14/12 14:16	02/15/12 20:13	1
4-Chloroaniline	ND		4.7	0.56	ug/L		02/14/12 14:16	02/15/12 20:13	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		02/14/12 14:16	02/15/12 20:13	1
4-Methylphenol	ND		9.4	0.34	ug/L		02/14/12 14:16	02/15/12 20:13	1
4-Nitroaniline	ND		9.4	0.24	ug/L		02/14/12 14:16	02/15/12 20:13	1
4-Nitrophenol	ND		9.4	1.4	ug/L		02/14/12 14:16	02/15/12 20:13	1
Acenaphthene	**0.42**	**J**	4.7	0.39	ug/L		02/14/12 14:16	02/15/12 20:13	1
Acenaphthylene	ND		4.7	0.36	ug/L		02/14/12 14:16	02/15/12 20:13	1
Acetophenone	**13**		4.7	0.51	ug/L		02/14/12 14:16	02/15/12 20:13	1
Anthracene	ND		4.7	0.26	ug/L		02/14/12 14:16	02/15/12 20:13	1
Atrazine	ND		4.7	0.43	ug/L		02/14/12 14:16	02/15/12 20:13	1
Benzaldehyde	ND		4.7	0.25	ug/L		02/14/12 14:16	02/15/12 20:13	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		02/14/12 14:16	02/15/12 20:13	1
Benzo(a)pyrene	ND	*	4.7	0.44	ug/L		02/14/12 14:16	02/15/12 20:13	1
Benzo(b)fluoranthene	ND	*	4.7	0.32	ug/L		02/14/12 14:16	02/15/12 20:13	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		02/14/12 14:16	02/15/12 20:13	1
Benzo(k)fluoranthene	ND	*	4.7	0.69	ug/L		02/14/12 14:16	02/15/12 20:13	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		02/14/12 14:16	02/15/12 20:13	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		02/14/12 14:16	02/15/12 20:13	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		02/14/12 14:16	02/15/12 20:13	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		02/14/12 14:16	02/15/12 20:13	1
Caprolactam	ND		4.7	2.1	ug/L		02/14/12 14:16	02/15/12 20:13	1
Carbazole	ND		4.7	0.28	ug/L		02/14/12 14:16	02/15/12 20:13	1
Chrysene	ND		4.7	0.31	ug/L		02/14/12 14:16	02/15/12 20:13	1
Di-n-butyl phthalate	**0.39**	**J B**	4.7	0.29	ug/L		02/14/12 14:16	02/15/12 20:13	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		02/14/12 14:16	02/15/12 20:13	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		02/14/12 14:16	02/15/12 20:13	1
Dibenzofuran	ND		9.4	0.48	ug/L		02/14/12 14:16	02/15/12 20:13	1
Diethyl phthalate	ND		4.7	0.21	ug/L		02/14/12 14:16	02/15/12 20:13	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		02/14/12 14:16	02/15/12 20:13	1
Fluoranthene	ND		4.7	0.38	ug/L		02/14/12 14:16	02/15/12 20:13	1
Fluorene	ND		4.7	0.34	ug/L		02/14/12 14:16	02/15/12 20:13	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-03
Date Collected: 02/10/12 09:15
Date Received: 02/10/12 13:25

Lab Sample ID: 480-16020-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		4.7	0.48	ug/L		02/14/12 14:16	02/15/12 20:13	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		02/14/12 14:16	02/15/12 20:13	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		02/14/12 14:16	02/15/12 20:13	1
Hexachloroethane	ND		4.7	0.56	ug/L		02/14/12 14:16	02/15/12 20:13	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		02/14/12 14:16	02/15/12 20:13	1
Isophorone	ND		4.7	0.41	ug/L		02/14/12 14:16	02/15/12 20:13	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		02/14/12 14:16	02/15/12 20:13	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		02/14/12 14:16	02/15/12 20:13	1
Naphthalene	**21**		4.7	0.72	ug/L		02/14/12 14:16	02/15/12 20:13	1
Nitrobenzene	ND		4.7	0.27	ug/L		02/14/12 14:16	02/15/12 20:13	1
Pentachlorophenol	ND		9.4	2.1	ug/L		02/14/12 14:16	02/15/12 20:13	1
Phenanthrene	ND		4.7	0.42	ug/L		02/14/12 14:16	02/15/12 20:13	1
Phenol	ND		4.7	0.37	ug/L		02/14/12 14:16	02/15/12 20:13	1
Pyrene	**0.36**	**J**	4.7	0.32	ug/L		02/14/12 14:16	02/15/12 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*129*		*52 - 132*	*02/14/12 14:16*	*02/15/12 20:13*	*1*
2-Fluorobiphenyl	*103*		*48 - 120*	*02/14/12 14:16*	*02/15/12 20:13*	*1*
2-Fluorophenol	*56*		*20 - 120*	*02/14/12 14:16*	*02/15/12 20:13*	*1*
Nitrobenzene-d5	*98*		*46 - 120*	*02/14/12 14:16*	*02/15/12 20:13*	*1*
p-Terphenyl-d14	*88*		*67 - 150*	*02/14/12 14:16*	*02/15/12 20:13*	*1*
Phenol-d5	*40*		*16 - 120*	*02/14/12 14:16*	*02/15/12 20:13*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-01
Date Collected: 02/09/12 16:00
Date Received: 02/10/12 11:40

Lab Sample ID: 480-16024-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/14/12 16:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/14/12 16:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/14/12 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/14/12 16:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/14/12 16:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/14/12 16:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/14/12 16:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/14/12 16:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/14/12 16:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/14/12 16:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/14/12 16:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/14/12 16:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/14/12 16:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/14/12 16:46	1
2-Hexanone	ND		5.0	1.2	ug/L			02/14/12 16:46	1
2-Butanone (MEK)	**1.3**	**J**	10	1.3	ug/L			02/14/12 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/14/12 16:46	1
Acetone	**4.2**	**J**	10	3.0	ug/L			02/14/12 16:46	1
Benzene	ND		1.0	0.41	ug/L			02/14/12 16:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/14/12 16:46	1
Bromoform	ND		1.0	0.26	ug/L			02/14/12 16:46	1
Bromomethane	ND		1.0	0.69	ug/L			02/14/12 16:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/14/12 16:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/14/12 16:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/14/12 16:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/14/12 16:46	1
Chloroethane	ND		1.0	0.32	ug/L			02/14/12 16:46	1
Chloroform	ND		1.0	0.34	ug/L			02/14/12 16:46	1
Chloromethane	ND		1.0	0.35	ug/L			02/14/12 16:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/14/12 16:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/14/12 16:46	1
Cyclohexane	ND		1.0	0.18	ug/L			02/14/12 16:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/14/12 16:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/14/12 16:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/14/12 16:46	1
Methyl acetate	ND		1.0	0.50	ug/L			02/14/12 16:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/14/12 16:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/14/12 16:46	1
Methylene Chloride	**1.3**		1.0	0.44	ug/L			02/14/12 16:46	1
Styrene	ND		1.0	0.73	ug/L			02/14/12 16:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/14/12 16:46	1
Toluene	ND		1.0	0.51	ug/L			02/14/12 16:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/14/12 16:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/14/12 16:46	1
Trichloroethene	ND		1.0	0.46	ug/L			02/14/12 16:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/14/12 16:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/14/12 16:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/14/12 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*02/14/12 16:46*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-01
Date Collected: 02/09/12 16:00
Date Received: 02/10/12 11:40

Lab Sample ID: 480-16024-1
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		71 - 126		02/14/12 16:46	1
4-Bromofluorobenzene (Surr)	94		73 - 120		02/14/12 16:46	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-02
Date Collected: 02/09/12 12:40
Date Received: 02/10/12 11:40

Lab Sample ID: 480-16024-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/14/12 17:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/14/12 17:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/14/12 17:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/14/12 17:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/14/12 17:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/14/12 17:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/14/12 17:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/14/12 17:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/14/12 17:07	1
1,2-Dichlorobenzene	**2.1**		1.0	0.79	ug/L			02/14/12 17:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/14/12 17:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/14/12 17:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/14/12 17:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/14/12 17:07	1
2-Hexanone	ND		5.0	1.2	ug/L			02/14/12 17:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/14/12 17:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/14/12 17:07	1
Acetone	ND		10	3.0	ug/L			02/14/12 17:07	1
Benzene	ND		1.0	0.41	ug/L			02/14/12 17:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/14/12 17:07	1
Bromoform	ND		1.0	0.26	ug/L			02/14/12 17:07	1
Bromomethane	ND		1.0	0.69	ug/L			02/14/12 17:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/14/12 17:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/14/12 17:07	1
Chlorobenzene	**6.3**		1.0	0.75	ug/L			02/14/12 17:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/14/12 17:07	1
Chloroethane	ND		1.0	0.32	ug/L			02/14/12 17:07	1
Chloroform	ND		1.0	0.34	ug/L			02/14/12 17:07	1
Chloromethane	ND		1.0	0.35	ug/L			02/14/12 17:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/14/12 17:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/14/12 17:07	1
Cyclohexane	ND		1.0	0.18	ug/L			02/14/12 17:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/14/12 17:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/14/12 17:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/14/12 17:07	1
Methyl acetate	ND		1.0	0.50	ug/L			02/14/12 17:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/14/12 17:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/14/12 17:07	1
Methylene Chloride	**0.59**	**J**	1.0	0.44	ug/L			02/14/12 17:07	1
Styrene	ND		1.0	0.73	ug/L			02/14/12 17:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/14/12 17:07	1
Toluene	ND		1.0	0.51	ug/L			02/14/12 17:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/14/12 17:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/14/12 17:07	1
Trichloroethene	ND		1.0	0.46	ug/L			02/14/12 17:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/14/12 17:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/14/12 17:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/14/12 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*02/14/12 17:07*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-02
Date Collected: 02/09/12 12:40
Date Received: 02/10/12 11:40

Lab Sample ID: 480-16024-2
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 126		02/14/12 17:07	1
4-Bromofluorobenzene (Surr)	95		73 - 120		02/14/12 17:07	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-03
Date Collected: 02/09/12 16:15
Date Received: 02/10/12 11:40

Lab Sample ID: 480-16024-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/14/12 18:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/14/12 18:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/14/12 18:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/14/12 18:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/14/12 18:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/14/12 18:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/14/12 18:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/14/12 18:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/14/12 18:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/14/12 18:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/14/12 18:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/14/12 18:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/14/12 18:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/14/12 18:13	1
2-Hexanone	ND		5.0	1.2	ug/L			02/14/12 18:13	1
2-Butanone (MEK)	**1.3**	**J**	10	1.3	ug/L			02/14/12 18:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/14/12 18:13	1
Acetone	ND		10	3.0	ug/L			02/14/12 18:13	1
Benzene	**1.2**		1.0	0.41	ug/L			02/14/12 18:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/14/12 18:13	1
Bromoform	ND		1.0	0.26	ug/L			02/14/12 18:13	1
Bromomethane	ND		1.0	0.69	ug/L			02/14/12 18:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/14/12 18:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/14/12 18:13	1
Chlorobenzene	**0.78**	**J**	1.0	0.75	ug/L			02/14/12 18:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/14/12 18:13	1
Chloroethane	ND		1.0	0.32	ug/L			02/14/12 18:13	1
Chloroform	ND		1.0	0.34	ug/L			02/14/12 18:13	1
Chloromethane	ND		1.0	0.35	ug/L			02/14/12 18:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/14/12 18:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/14/12 18:13	1
Cyclohexane	**3.2**		1.0	0.18	ug/L			02/14/12 18:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/14/12 18:13	1
Ethylbenzene	**1.6**		1.0	0.74	ug/L			02/14/12 18:13	1
Isopropylbenzene	**25**		1.0	0.79	ug/L			02/14/12 18:13	1
Methyl acetate	ND		1.0	0.50	ug/L			02/14/12 18:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/14/12 18:13	1
Methylcyclohexane	**11**		1.0	0.16	ug/L			02/14/12 18:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/14/12 18:13	1
Styrene	ND		1.0	0.73	ug/L			02/14/12 18:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/14/12 18:13	1
Toluene	**0.54**	**J**	1.0	0.51	ug/L			02/14/12 18:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/14/12 18:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/14/12 18:13	1
Trichloroethene	ND		1.0	0.46	ug/L			02/14/12 18:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/14/12 18:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/14/12 18:13	1
Xylenes, Total	**6.0**		2.0	0.66	ug/L			02/14/12 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*02/14/12 18:13*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-03
Date Collected: 02/09/12 16:15
Date Received: 02/10/12 11:40

Lab Sample ID: 480-16024-3
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	76		71 - 126		02/14/12 18:13	1
4-Bromofluorobenzene (Surr)	73		73 - 120		02/14/12 18:13	1

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TRIP BLANK
Date Collected: 02/09/12 00:00
Date Received: 02/10/12 11:40

Lab Sample ID: 480-16024-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/14/12 18:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/14/12 18:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/14/12 18:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/14/12 18:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/14/12 18:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/14/12 18:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/14/12 18:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/14/12 18:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/14/12 18:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/14/12 18:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/14/12 18:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/14/12 18:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/14/12 18:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/14/12 18:35	1
2-Hexanone	ND		5.0	1.2	ug/L			02/14/12 18:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/14/12 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/14/12 18:35	1
Acetone	ND		10	3.0	ug/L			02/14/12 18:35	1
Benzene	ND		1.0	0.41	ug/L			02/14/12 18:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/14/12 18:35	1
Bromoform	ND		1.0	0.26	ug/L			02/14/12 18:35	1
Bromomethane	ND		1.0	0.69	ug/L			02/14/12 18:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/14/12 18:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/14/12 18:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/14/12 18:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/14/12 18:35	1
Chloroethane	ND		1.0	0.32	ug/L			02/14/12 18:35	1
Chloroform	ND		1.0	0.34	ug/L			02/14/12 18:35	1
Chloromethane	ND		1.0	0.35	ug/L			02/14/12 18:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/14/12 18:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/14/12 18:35	1
Cyclohexane	ND		1.0	0.18	ug/L			02/14/12 18:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/14/12 18:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/14/12 18:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/14/12 18:35	1
Methyl acetate	ND		1.0	0.50	ug/L			02/14/12 18:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/14/12 18:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/14/12 18:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/14/12 18:35	1
Styrene	ND		1.0	0.73	ug/L			02/14/12 18:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/14/12 18:35	1
Toluene	ND		1.0	0.51	ug/L			02/14/12 18:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/14/12 18:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/14/12 18:35	1
Trichloroethene	ND		1.0	0.46	ug/L			02/14/12 18:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/14/12 18:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/14/12 18:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/14/12 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*02/14/12 18:35*	*1*

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TRIP BLANK
Date Collected: 02/09/12 00:00
Date Received: 02/10/12 11:40

Lab Sample ID: 480-16024-4
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		71 - 126		02/14/12 18:35	1
4-Bromofluorobenzene (Surr)	95		73 - 120		02/14/12 18:35	1

Surrogate Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-16024-1	TMW-01	101	97	94
480-16024-2	TMW-02	103	100	95
480-16024-2 MS	TMW-02	99	100	95
480-16024-2 MSD	TMW-02	99	101	96
480-16024-3	TMW-03	108	76	73
480-16024-4	TRIP BLANK	100	102	95
LCS 480-51513/4	Lab Control Sample	102	101	94
MB 480-51513/5	Method Blank	100	99	94

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-16020-1	TMW-03	129	103	56	98	88	40
LCS 480-51566/2-A	Lab Control Sample	124	103	59	98	121	41
LCSD 480-51566/3-A	Lab Control Sample Dup	124	100	57	95	118	39
MB 480-51566/1-A	Method Blank	119	90	47	82	130	33

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-51513/5
Matrix: Water
Analysis Batch: 51513

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/14/12 11:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/14/12 11:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/14/12 11:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/14/12 11:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/14/12 11:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/14/12 11:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/14/12 11:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/14/12 11:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/14/12 11:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/14/12 11:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/14/12 11:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/14/12 11:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/14/12 11:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			02/14/12 11:54	1
2-Hexanone	ND		5.0	1.2	ug/L			02/14/12 11:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/14/12 11:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/14/12 11:54	1
Acetone	ND		10	3.0	ug/L			02/14/12 11:54	1
Benzene	ND		1.0	0.41	ug/L			02/14/12 11:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/14/12 11:54	1
Bromoform	ND		1.0	0.26	ug/L			02/14/12 11:54	1
Bromomethane	ND		1.0	0.69	ug/L			02/14/12 11:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/14/12 11:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/14/12 11:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/14/12 11:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/14/12 11:54	1
Chloroethane	ND		1.0	0.32	ug/L			02/14/12 11:54	1
Chloroform	ND		1.0	0.34	ug/L			02/14/12 11:54	1
Chloromethane	ND		1.0	0.35	ug/L			02/14/12 11:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/14/12 11:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/14/12 11:54	1
Cyclohexane	ND		1.0	0.18	ug/L			02/14/12 11:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			02/14/12 11:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/14/12 11:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			02/14/12 11:54	1
Methyl acetate	ND		1.0	0.50	ug/L			02/14/12 11:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			02/14/12 11:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			02/14/12 11:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/14/12 11:54	1
Styrene	ND		1.0	0.73	ug/L			02/14/12 11:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/14/12 11:54	1
Toluene	ND		1.0	0.51	ug/L			02/14/12 11:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/14/12 11:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/14/12 11:54	1
Trichloroethene	ND		1.0	0.46	ug/L			02/14/12 11:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			02/14/12 11:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/14/12 11:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/14/12 11:54	1

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

Lab Sample ID: MB 480-51513/5
Matrix: Water
Analysis Batch: 51513

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		02/14/12 11:54	1
Toluene-d8 (Surr)	99		71 - 126		02/14/12 11:54	1
4-Bromofluorobenzene (Surr)	94		73 - 120		02/14/12 11:54	1

Lab Sample ID: LCS 480-51513/4
Matrix: Water
Analysis Batch: 51513

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.3		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	23.1		ug/L		92	65 - 138
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	77 - 120
1,2-Dichloroethane	25.0	23.8		ug/L		95	75 - 127
Benzene	25.0	23.0		ug/L		92	71 - 124
Chlorobenzene	25.0	23.2		ug/L		93	72 - 120
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	74 - 124
Ethylbenzene	25.0	23.3		ug/L		93	77 - 123
Methyl tert-butyl ether	25.0	23.3		ug/L		93	64 - 127
Tetrachloroethene	25.0	23.1		ug/L		92	74 - 122
Toluene	25.0	22.9		ug/L		92	70 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
Trichloroethene	25.0	22.5		ug/L		90	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	94		73 - 120

Lab Sample ID: 480-16024-2 MS
Matrix: Water
Analysis Batch: 51513

Client Sample ID: TMW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		25.0	25.5		ug/L		102	71 - 129
1,1-Dichloroethene	ND		25.0	25.5		ug/L		102	65 - 138
1,2-Dichlorobenzene	2.1		25.0	25.6		ug/L		94	77 - 120
1,2-Dichloroethane	ND		25.0	24.8		ug/L		99	75 - 127
Benzene	ND		25.0	25.2		ug/L		101	71 - 124
Chlorobenzene	6.3		25.0	31.5		ug/L		101	72 - 120
cis-1,2-Dichloroethene	ND		25.0	24.3		ug/L		97	74 - 124
Ethylbenzene	ND		25.0	25.5		ug/L		102	77 - 123
Methyl tert-butyl ether	ND		25.0	23.1		ug/L		92	64 - 127
Tetrachloroethene	ND		25.0	25.5		ug/L		102	74 - 122
Toluene	ND		25.0	25.0		ug/L		100	70 - 122
trans-1,2-Dichloroethene	ND		25.0	26.6		ug/L		106	73 - 127
Trichloroethene	ND		25.0	24.9		ug/L		100	74 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		66 - 137

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

Lab Sample ID: 480-16024-2 MS
Matrix: Water
Analysis Batch: 51513

Client Sample ID: TMW-02
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*71 - 126*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*

Lab Sample ID: 480-16024-2 MSD
Matrix: Water
Analysis Batch: 51513

Client Sample ID: TMW-02
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-Dichloroethane	ND		25.0	26.9		ug/L		108	71 - 129	5	20
1,1-Dichloroethene	ND		25.0	26.5		ug/L		106	65 - 138	4	16
1,2-Dichlorobenzene	2.1		25.0	25.1		ug/L		92	77 - 120	2	20
1,2-Dichloroethane	ND		25.0	26.4		ug/L		106	75 - 127	6	20
Benzene	ND		25.0	26.5		ug/L		106	71 - 124	5	13
Chlorobenzene	6.3		25.0	31.2		ug/L		100	72 - 120	1	25
cis-1,2-Dichloroethene	ND		25.0	25.6		ug/L		102	74 - 124	5	15
Ethylbenzene	ND		25.0	26.0		ug/L		104	77 - 123	2	15
Methyl tert-butyl ether	ND		25.0	24.7		ug/L		99	64 - 127	7	37
Tetrachloroethene	ND		25.0	26.3		ug/L		105	74 - 122	3	20
Toluene	ND		25.0	26.3		ug/L		105	70 - 122	5	15
trans-1,2-Dichloroethene	ND		25.0	27.9		ug/L		112	73 - 127	5	20
Trichloroethene	ND		25.0	25.5		ug/L		102	74 - 123	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*

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

Lab Sample ID: MB 480-51566/1-A
Matrix: Water
Analysis Batch: 51664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		02/14/12 14:16	02/15/12 11:19	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		02/14/12 14:16	02/15/12 11:19	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		02/14/12 14:16	02/15/12 11:19	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		02/14/12 14:16	02/15/12 11:19	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		02/14/12 14:16	02/15/12 11:19	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		02/14/12 14:16	02/15/12 11:19	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		02/14/12 14:16	02/15/12 11:19	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		02/14/12 14:16	02/15/12 11:19	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		02/14/12 14:16	02/15/12 11:19	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		02/14/12 14:16	02/15/12 11:19	1
2-Chlorophenol	ND		5.0	0.53	ug/L		02/14/12 14:16	02/15/12 11:19	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		02/14/12 14:16	02/15/12 11:19	1
2-Methylphenol	ND		5.0	0.40	ug/L		02/14/12 14:16	02/15/12 11:19	1
2-Nitroaniline	ND		10	0.42	ug/L		02/14/12 14:16	02/15/12 11:19	1
2-Nitrophenol	ND		5.0	0.48	ug/L		02/14/12 14:16	02/15/12 11:19	1

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

Lab Sample ID: MB 480-51566/1-A
Matrix: Water
Analysis Batch: 51664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		02/14/12 14:16	02/15/12 11:19	1
3-Nitroaniline	ND		10	0.48	ug/L		02/14/12 14:16	02/15/12 11:19	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		02/14/12 14:16	02/15/12 11:19	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		02/14/12 14:16	02/15/12 11:19	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		02/14/12 14:16	02/15/12 11:19	1
4-Chloroaniline	ND		5.0	0.59	ug/L		02/14/12 14:16	02/15/12 11:19	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		02/14/12 14:16	02/15/12 11:19	1
4-Methylphenol	ND		10	0.36	ug/L		02/14/12 14:16	02/15/12 11:19	1
4-Nitroaniline	ND		10	0.25	ug/L		02/14/12 14:16	02/15/12 11:19	1
4-Nitrophenol	ND		10	1.5	ug/L		02/14/12 14:16	02/15/12 11:19	1
Acenaphthene	ND		5.0	0.41	ug/L		02/14/12 14:16	02/15/12 11:19	1
Acenaphthylene	ND		5.0	0.38	ug/L		02/14/12 14:16	02/15/12 11:19	1
Acetophenone	ND		5.0	0.54	ug/L		02/14/12 14:16	02/15/12 11:19	1
Anthracene	ND		5.0	0.28	ug/L		02/14/12 14:16	02/15/12 11:19	1
Atrazine	ND		5.0	0.46	ug/L		02/14/12 14:16	02/15/12 11:19	1
Benzaldehyde	ND		5.0	0.27	ug/L		02/14/12 14:16	02/15/12 11:19	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		02/14/12 14:16	02/15/12 11:19	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		02/14/12 14:16	02/15/12 11:19	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		02/14/12 14:16	02/15/12 11:19	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		02/14/12 14:16	02/15/12 11:19	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		02/14/12 14:16	02/15/12 11:19	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		02/14/12 14:16	02/15/12 11:19	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		02/14/12 14:16	02/15/12 11:19	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		02/14/12 14:16	02/15/12 11:19	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		02/14/12 14:16	02/15/12 11:19	1
Caprolactam	ND		5.0	2.2	ug/L		02/14/12 14:16	02/15/12 11:19	1
Carbazole	ND		5.0	0.30	ug/L		02/14/12 14:16	02/15/12 11:19	1
Chrysene	ND		5.0	0.33	ug/L		02/14/12 14:16	02/15/12 11:19	1
Di-n-butyl phthalate	0.499	J	5.0	0.31	ug/L		02/14/12 14:16	02/15/12 11:19	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		02/14/12 14:16	02/15/12 11:19	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		02/14/12 14:16	02/15/12 11:19	1
Dibenzofuran	ND		10	0.51	ug/L		02/14/12 14:16	02/15/12 11:19	1
Diethyl phthalate	ND		5.0	0.22	ug/L		02/14/12 14:16	02/15/12 11:19	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		02/14/12 14:16	02/15/12 11:19	1
Fluoranthene	ND		5.0	0.40	ug/L		02/14/12 14:16	02/15/12 11:19	1
Fluorene	ND		5.0	0.36	ug/L		02/14/12 14:16	02/15/12 11:19	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		02/14/12 14:16	02/15/12 11:19	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		02/14/12 14:16	02/15/12 11:19	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		02/14/12 14:16	02/15/12 11:19	1
Hexachloroethane	ND		5.0	0.59	ug/L		02/14/12 14:16	02/15/12 11:19	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		02/14/12 14:16	02/15/12 11:19	1
Isophorone	ND		5.0	0.43	ug/L		02/14/12 14:16	02/15/12 11:19	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		02/14/12 14:16	02/15/12 11:19	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		02/14/12 14:16	02/15/12 11:19	1
Naphthalene	ND		5.0	0.76	ug/L		02/14/12 14:16	02/15/12 11:19	1
Nitrobenzene	ND		5.0	0.29	ug/L		02/14/12 14:16	02/15/12 11:19	1
Pentachlorophenol	ND		10	2.2	ug/L		02/14/12 14:16	02/15/12 11:19	1
Phenanthrene	ND		5.0	0.44	ug/L		02/14/12 14:16	02/15/12 11:19	1
Phenol	ND		5.0	0.39	ug/L		02/14/12 14:16	02/15/12 11:19	1
Pyrene	ND		5.0	0.34	ug/L		02/14/12 14:16	02/15/12 11:19	1

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

Lab Sample ID: MB 480-51566/1-A
Matrix: Water
Analysis Batch: 51664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51566

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	119		52 - 132	02/14/12 14:16	02/15/12 11:19	1
2-Fluorobiphenyl	90		48 - 120	02/14/12 14:16	02/15/12 11:19	1
2-Fluorophenol	47		20 - 120	02/14/12 14:16	02/15/12 11:19	1
Nitrobenzene-d5	82		46 - 120	02/14/12 14:16	02/15/12 11:19	1
p-Terphenyl-d14	130		67 - 150	02/14/12 14:16	02/15/12 11:19	1
Phenol-d5	33		16 - 120	02/14/12 14:16	02/15/12 11:19	1

Lab Sample ID: LCS 480-51566/2-A
Matrix: Water
Analysis Batch: 51664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	100	117		ug/L		117	59 - 125
2-Chlorophenol	100	91.2		ug/L		91	48 - 120
4-Chloro-3-methylphenol	100	106		ug/L		106	64 - 120
4-Nitrophenol	100	62.0		ug/L		62	16 - 120
Acenaphthene	100	105		ug/L		105	60 - 120
Bis(2-ethylhexyl) phthalate	100	113		ug/L		113	69 - 136
Fluorene	100	111		ug/L		111	66 - 129
Hexachloroethane	100	76.4		ug/L		76	25 - 120
N-Nitrosodi-n-propylamine	100	102		ug/L		102	56 - 120
Pentachlorophenol	100	120		ug/L		120	39 - 136
Phenol	100	45.9		ug/L		46	17 - 120
Pyrene	100	110		ug/L		110	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	124		52 - 132
2-Fluorobiphenyl	103		48 - 120
2-Fluorophenol	59		20 - 120
Nitrobenzene-d5	98		46 - 120
p-Terphenyl-d14	121		67 - 150
Phenol-d5	41		16 - 120

Lab Sample ID: LCSD 480-51566/3-A
Matrix: Water
Analysis Batch: 51664

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51566

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	100	116		ug/L		116	59 - 125	1	20
2-Chlorophenol	100	89.5		ug/L		90	48 - 120	2	25
4-Chloro-3-methylphenol	100	98.5		ug/L		99	64 - 120	7	27
4-Nitrophenol	100	57.5		ug/L		58	16 - 120	8	48
Acenaphthene	100	105		ug/L		105	60 - 120	1	24
Bis(2-ethylhexyl) phthalate	100	111		ug/L		111	69 - 136	2	15
Fluorene	100	108		ug/L		108	66 - 129	3	15
Hexachloroethane	100	76.0		ug/L		76	25 - 120	1	46
N-Nitrosodi-n-propylamine	100	103		ug/L		103	56 - 120	1	31
Pentachlorophenol	100	117		ug/L		117	39 - 136	3	37
Phenol	100	43.2		ug/L		43	17 - 120	6	34

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

Lab Sample ID: LCSD 480-51566/3-A
Matrix: Water
Analysis Batch: 51664

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51566

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Pyrene			100	109		ug/L		109	58 - 136	1	19

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*124*		*52 - 132*
2-Fluorobiphenyl	*100*		*48 - 120*
2-Fluorophenol	*57*		*20 - 120*
Nitrobenzene-d5	*95*		*46 - 120*
p-Terphenyl-d14	*118*		*67 - 150*
Phenol-d5	*39*		*16 - 120*

QC Association Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

GC/MS VOA

Analysis Batch: 51513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16024-1	TMW-01	Total/NA	Water	8260B	
480-16024-2	TMW-02	Total/NA	Water	8260B	
480-16024-2 MS	TMW-02	Total/NA	Water	8260B	
480-16024-2 MSD	TMW-02	Total/NA	Water	8260B	
480-16024-3	TMW-03	Total/NA	Water	8260B	
480-16024-4	TRIP BLANK	Total/NA	Water	8260B	
LCS 480-51513/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-51513/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 51566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16020-1	TMW-03	Total/NA	Water	3510C	
LCS 480-51566/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-51566/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-51566/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 51664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16020-1	TMW-03	Total/NA	Water	8270C	51566
LCS 480-51566/2-A	Lab Control Sample	Total/NA	Water	8270C	51566
LCSD 480-51566/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	51566
MB 480-51566/1-A	Method Blank	Total/NA	Water	8270C	51566

Lab Chronicle

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Client Sample ID: TMW-03
Lab Sample ID: 480-16020-1
Date Collected: 02/10/12 09:15
Matrix: Water
Date Received: 02/10/12 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			51566	02/14/12 14:16	KB	TAL BUF
Total/NA	Analysis	8270C		1	51664	02/15/12 20:13	KP	TAL BUF

Client Sample ID: TMW-01
Lab Sample ID: 480-16024-1
Date Collected: 02/09/12 16:00
Matrix: Water
Date Received: 02/10/12 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51513	02/14/12 16:46	DC	TAL BUF

Client Sample ID: TMW-02
Lab Sample ID: 480-16024-2
Date Collected: 02/09/12 12:40
Matrix: Water
Date Received: 02/10/12 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51513	02/14/12 17:07	DC	TAL BUF

Client Sample ID: TMW-03
Lab Sample ID: 480-16024-3
Date Collected: 02/09/12 16:15
Matrix: Water
Date Received: 02/10/12 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51513	02/14/12 18:13	DC	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-16024-4
Date Collected: 02/09/12 00:00
Matrix: Water
Date Received: 02/10/12 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	51513	02/14/12 18:35	DC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - 154 S. Ogden St. site

TestAmerica Job ID: 480-16020-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-16020-1	TMW-03	Water	02/10/12 09:15	02/10/12 13:25
480-16024-1	TMW-01	Water	02/09/12 16:00	02/10/12 11:40
480-16024-2	TMW-02	Water	02/09/12 12:40	02/10/12 11:40
480-16024-3	TMW-03	Water	02/09/12 16:15	02/10/12 11:40
480-16024-4	TRIP BLANK	Water	02/09/12 00:00	02/10/12 11:40

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Tunkey Environmental	Bryan Hamm	2/10/12	149962
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
2558 Hamburg Turnpike	(716) 856-0635		
City	**State / Zip Code**	**Site Contact**	**Lab Contact**
Lackawanna	NY 14218	T. Behrendt	B. Fisch
Project Name and Location (State)	**Carrier/Waybill Number**	**Analysis (Attach list if more space is needed)**	
South Buffalo Charter School		TCL 8270	
Contract/Purchase Order/Quote No.			**Special Instructions/ Conditions of Receipt**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TCL 8270
TMW-03	2/10/12	715		X			X						2

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify) Cat B

	Date	Time		Date	Time
1. Relinquished By	2/10/12	1325	1. Received By	2-10-12	1325
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

7.6 #2

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt ______

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client: Turnkey Environmental	Project Manager: Bryan Hann	Date: 2/9/12	Chain of Custody Number: 195243
Address: 2558 Hamburg Turnpike	Telephone Number (Area Code)/Fax Number: (716) 856-0635	Lab Number:	Page 1 of 1
City: Lackawanna · State: NY · Zip Code: 14218	Site Contact: T. Behrendt · Lab Contact: B. Fischer		
Project Name and Location (State): South Buffalo Charter School	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Analysis (Attach list if more space is needed): TCL 8260 VOC

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TCL 8260 VOC
TMW-01	2/9/12	1600		X						X			3
TMW-02 (MS/MSD)	↓	1240		X						X			9
TMW-03	↓	1615		X						X			3
Trip Blank	↓			X						X			1

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify): Cat B

	Date	Time		Date	Time
1. Relinquished By: [signature]	2/9/12	1700	1. Received By: [signature]	02-10-12	10:45
2. Relinquished By: [signature]	02-10-12	11:40	2. Received By: [signature]	2/10/12	1140
3. Relinquished By:			3. Received By:		

Comments: 2.1 #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

2/24/2012

Login Sample Receipt Checklist

Client: Turnkey Environmental Restoration, LLC

Job Number: 480-16020-1

Login Number: 16020

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6 #2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TURNKEY
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Turnkey Environmental Restoration, LLC

Job Number: 480-16020-1

Login Number: 16024

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1 #1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TURNKEY
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX C

REPRESENTATIVE PROJECT PHOTOS

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	**Site Location:**	**Project No.:**
South Buffalo Charter School	154 South Ogden	0249-012-001

Photo No.	**Date**
1	02/07/12

Direction Photo Taken:
northwest

Description:
Test pit TP-02-2012 showing typical soil/fill material.

Photo No.	**Date**
2	02/07/12

Direction Photo Taken:

Description:
Test pit TP-03-2012 showing soil/fill profile.

Prepared By: *BCH*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
South Buffalo Charter School	154 South Ogden	0249-012-001

Photo No.	Date
3	02/07/12

Direction Photo Taken:
northwest

Description:
Test pit TP-05-2012 showing broken square steel box 6-foot x 3-foot (~10.0 fbgs and empty)

Photo No.	Date
4	02/08/12

Direction Photo Taken:
northwest

Description:
Test pit TP-09-2012 showing typical native soil.

Prepared By: BCH

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
South Buffalo Charter School	154 South Ogden	0249-012-001

Photo No.	Date
5	02/09/12

Direction Photo Taken:
northwest

Description:
Boring TWM-1 (SB-1) showing typical geoprobe setup.

Photo No.	Date
6	02/09/12

Direction Photo Taken:
NA

Description:
Boring TMW-3 (SB-4) showing petroleum-impacted interval (12.0' - 16.0') recovered in macro-core.

Prepared By: *BCH*