

**Limited Phase II Subsurface Investigation
Indotronix International Corporation
331 Main Street
Poughkeepsie, New York**

Prepared for

Indotronix International Corporation
331 Main Street
Poughkeepsie, NY

Prepared by

Greenstar Environmental Solutions, LLC
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Wappingers Falls, New York 12590
(845) 223-9944

August 2013
Revision: Rev 0

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EXECUTIVE SUMMARY

Greenstar Environmental Solutions, LLC completed a Limited Phase II Subsurface Investigation (Phase II SI) for the property located at 331 Main Street, Poughkeepsie, New York (subject property) at the request of Indotronix International Corporation. The Phase II SI was performed based on the findings and recommendations presented in the Draft I Phase I Environmental Site Assessment (ESA) prepared by Ecosystems Strategies, Inc. dated June 21, 2013. The Phase I document identified two Recognized Environmental Concerns (RECs) on the property and recommended additional investigation to address the RECs, including the automotive repair facilities (Area of Concern 1) and a suspected 1,000 gallon underground storage tank near Catharine Street identified in a 1913 Sandborn map (Area of Concern 2).

To assess whether these Areas of Concern have been impacted by past use, a ground penetrating radar survey was completed in an attempt to locate the UST noted on the 1913 map. No indication of the UST was found. A total of 6 soil borings were completed at the subject property. Two borings (SB-01 and SB-02) were completed within the footprint of the former auto repair facility (Area of Concern 1) to assess whether impacts from historic operations may be present. Four borings (SB-03 through SB-06) were installed in the reported vicinity of the historic 1,000 gallon UST (Area of Concern 2) identified on the 1913 Sanborn map to assess whether residual impacts were present from historic use of the suspected tank. Soil borings were installed to a depth of 20 ft bgs. No field observations were noted which would indicate soil had been impacted by past use (i.e., no staining, odors or petroleum sheen was observed). Soil samples for laboratory analysis were collected from three borings (SB-01, SB-04 and SB-06). Two borings (SB-04 and SB-06) were converted to temporary wells using a PVC well screen. Grab samples of groundwater were collected from both temporary wells using a peristaltic pump.

Analytical results for soil samples contained no concentrations of VOC or SVOC. Concentrations of lead in soil were detected below Soil Cleanup Objectives. No concentrations of VOC were detected in groundwater samples. Detected SVOC in groundwater were limited to nominal detections of butyl benzyl phthalate which is considered unrelated to past property use found in one groundwater sample. Lead was detected at concentrations nominally above the AWQS in both groundwater samples. The presence of lead in groundwater is not considered to be the result of past use of the property and is likely due to the turbid nature of the groundwater samples and the urban setting of the property.

Based on field observations and laboratory results the two areas of concern at the subject property have not been impacted by past use. No further action is recommended for the property.

1.0 INTRODUCTION

1.1 Purpose

Greenstar Environmental Solutions, LLC (Greenstar) completed a Limited Phase II Subsurface Investigation (Phase II SI) for the property located at 331 Main Street, Poughkeepsie, New York (subject property) at the request of Indotronix International Corporation (IIC). The Phase II SI was performed based on the findings and recommendations presented in the Draft I Phase I Environmental Site Assessment (ESA) prepared by Ecosystems Strategies, Inc. dated June 21, 2013. The Phase I document identified two Recognized Environmental Concerns (RECs) on the property and recommended additional investigation to address the RECs, including the automotive repair facilities (Area of Concern (AOC) 1) and a suspected 1,000 gallon underground storage tank (UST) near Catharine Street identified in a 1913 Sanborn map (AOC 2).

The location of the subject property is shown on Figure 1. The locations of the two areas of concern are shown on Figure 2.

The Phase I ESA indicated Sanborn maps showed the presence of automotive repair facilities from as early as 1913 to some time prior to 1984. Repair activities have included vulcanization of tires, painting, machining, and a 1000-gallon gasoline UST was also noted on the property near Catharine Street on the 1913 Sanborn map. It is possible that the tank was used by a taxi repair facility noted in the structure on the 1950 map. The Phase I ESA indicated there is a reasonable possibility of impacts to on-site soil and groundwater resulting from these historic activities, and that releases of petroleum, solvents, or other materials from historic site activities may have impacted subject property soils and/or groundwater.

The Phase I ESA recommended that a ground penetrating radar (GPR) survey be conducted on the subject property in the vicinity of Catherine Street to document the presence or absence of the suspected UST, and that borings should be extended in the vicinity of the suspect UST, and in nearby areas likely to be have been impacted by historic automotive repair activities.

1.2 Scope of Work

The following Scope of Work was completed to evaluate the presence/absence of potential subsurface concerns as they relate to the presence of automotive repair facilities (AOC 1) and the suspected presence of a 1,000 gallon underground storage tank (AOC 2). The following Scope of Work was performed:

1. Coordinated with licensed driller (C2G Environmental Consultants, LLC of New Paltz, New York) to contact the utility mark-out prior to completing the subsurface investigation.
2. On July 10, 2013 Greenstar completed a limited visual review of the subject property to evaluate potential changes since the prior Phase I ESA property visit. No significant changes were noted.

3. On July 30, 2013 Greenstar completed a geophysical survey using ground penetrating radar (GPR) and electromagnetic/magnetometer equipment in an attempt to locate the suspected UST, and provide utility clearance at proposed soil boring locations. No indication of a UST was noted during the survey.
4. Greenstar coordinated with a New York certified analytical laboratory (Test America of Buffalo New York) for analysis of the environmental samples collected during this subsurface investigation.
5. On August 1, 2013 Greenstar oversaw and directed the driller to advance 6 soil borings at the subject property in the vicinity of the above-described AOCs. The soil borings were advanced utilizing hydraulic direct push technology. Environmental sampling equipment was decontaminated prior to the advancement of each boring. The soil boring locations are shown on Figure 3.
6. During advancement of the 6 soil borings, continuous soil evaluation was completed. The samples were logged and field-screened with a photoionizing detector (PID) for the presence of organic vapors. The PID was be calibrated to a known methane standard prior to use. Soil borings will be backfilled with cuttings and the surface penetration were restored.
7. Soil samples were collected based on field screening procedures. There were no indications of elevated PID readings and no visual/olfactory evidence of contamination. Therefore most samples were collected at the water table interface, when encountered. Soil samples were collected in laboratory-supplied containers, stored on ice, and submitted under chain-of-custody to a New York certified laboratory for analysis.
8. Grab groundwater samples were collected from two temporary wells using laboratory supplied containers, stored on ice, and submitted under chain-of-custody to a New York certified laboratory for analysis.
9. Greenstar prepared a plan identifying the locations of the soil borings and subsurface features based upon field measurements taken during the limited subsurface investigation.
10. Greenstar prepared this Limited Phase II SI report to document the activities and findings of this limited subsurface investigation.

1.3 Reliance

This report has been prepared for the sole benefit of IIC and may not be relied upon by any other person or entity without the written authorization of Greenstar.

2.0 PROPERTY DESCRIPTION

The subject property as defined in this Phase II SI consists of the approximately 1.2-acre property located at 331 Main Street, City of Poughkeepsie, Dutchess County New York (identified as City of Poughkeepsie tax lot parcel: 6162-78-127091). A Site Location Map is provided on Figure 1. The property has non-contiguous frontage on the northern side of Main Street, western side of Catharine Street, and Southern side of Mill Street. One four-story building with a three-story addition to the east occupies the southern portion of the property. The remainder of the property (the subject area being investigated in this Phase II SI) is composed of a paved parking lot with peripheral landscaped areas. The building is in an urban area with a variety of mixed use nearby including residential, parking, office and commercial buildings.

According to historical maps, portions of the existing structure were constructed sometime prior to 1887 and modified until the building reached its present configuration between circa 1913 and circa 1950. A building was located immediately north of the existing building and was demolished in approximately 2005 which may have included the complete or partial removal of the concrete building pad.

3.0 PHYSICAL SETTING

3.1 Topography/Regional Drainage

As per the Phase I ESA, information on the subject property's topography was obtained from the review of the United States Geological Survey Topographic Map of the Poughkeepsie, New York Quadrangle. According to the Topographic Map, the property is located an area with a moderate overall westerly downward slope towards the Hudson River. The property has a surface elevation of approximately 180 feet above mean sea level. Regional drainage is believed to be towards the Hudson River west of the subject property.

3.2 Site Geology

As per the Phase I ESA, the Geologic Map of New York and the Surficial Geologic Map of New York (lower Hudson sheets) indicates that soils on the subject property are likely to consist of glacial till deposits, overlying Taconic Mélange, a mixture of shale and sandstones of variable clast size. Soil maps presented in the USDA NRCS Soil Survey of Site Dutchess County, New York (Soil Survey) indicate that the property consists of Urban Land. The Urban Land designation is provided for areas where at least 50% of the surface is covered by buildings, parking areas or other impervious structures, and specific soil and bedrock characteristics are generally not well known. During the Phase II SI soils underlying the site were identified as being comprised of a mixture of sand, silt and silty clay. Bedrock was not encountered during the Phase II SI.

3.3 Groundwater

During the Phase II SI groundwater was encountered at approximately 15 ft below ground surface in each of the 6 borings completed. Based on surface topography, shallow groundwater flow is likely to be towards Fall Kill Creek located approximately 1,000 ft to the northeast although this has not been confirmed with site specific water elevation data.

4.0 FIELD INVESTIGATION ACTIVITIES

4.1 Field Activities

Greenstar completed a geophysical survey using ground penetrating radar (GPR) and electromagnetic/magnetometer equipment in an attempt to locate the 1,000 gallon underground storage tank, and provide utility clearance at proposed soil boring locations. No indication of a UST was noted during the GPR survey.

A total of 6 soil borings were completed to assess subsurface conditions. Two borings (SB-01 and SB-02) were completed within the footprint of the former auto repair facility (AOC 1) to assess whether impacts from historic operations may be present. Four borings (SB-03 through SB-06) were installed in the reported vicinity of the historic 1,000 gallon UST identified on the 1913 Sanborn map to assess whether residual impacts were present from historic use of the tank; the ground penetrating radar survey did not find any indication of a remaining UST in this location. Soil borings were installed to a depth of 20 ft bgs. Soil samples were logged continuously at each boring for PID readings, geology and field observations of impact (staining, sheen, olfactory indications of impact). A summary of the Phase II SI investigation activities is provided on Table 1. No field observations were noted which would indicate soil was impacted by past use (i.e., no staining, odors or petroleum sheen was observed).

Soil samples for laboratory analysis were collected from three borings (SB-01, SB-04 and SB-06) boring based on field observations including depth to water, photoionizing detector (PID) response, presence of stained or discolored soil, or other evidence of impacts. Soil sample results are summarized on Table 2.

Two borings (SB-04 and SB-06) were converted to temporary wells using a PVC well screen. Grab samples of groundwater were collected from both temporary wells using a peristaltic pump. Groundwater sample results are summarized on Table 3. Soil boring and temporary well locations are shown on Figure 3.

4.2 Soil and Groundwater Sampling Methods

Greenstar contracted C2G Environmental Consultants, LLC of New Paltz, New York to advance the soil borings associated within the two AOCs for the collection of the representative subsurface soil and groundwater samples. Soil borings were advanced using a direct push drilling method with 5-foot macrocore/acetate sleeves and by hand auger to facilitate the collection of the soil samples for field screening, logging, and laboratory analyses. Soils

samples were collected continuously along the total length of the boring. Each sample was field screened for volatile organic content using a PID. In each boring (except SB-02) nominal PID readings were noted during drilling, therefore, soil samples were collected from the water table interface at approximately 15 feet below ground surface (ft bgs). At soil boring SB-02 one sample was collected at 4 to 5 ft bgs where the PID response was 20 to 40 parts per million.

A temporary monitoring well was constructed at two boring locations (SB-04 and SB-06) for the collection of grab groundwater samples at these locations. Each temporary monitoring well was 20 ft deep with a 20 ft length of 0.01 slot PVC screen with continuous sand pack. The screen crossed the water table (present at approximately 15 ft below ground surface). Groundwater samples were collected using dedicated, disposable tubing connected to a peristaltic pump to minimize groundwater turbidity. Samples were collected in laboratory prepared sample containers, labeled to note the location, date and time, entered into chain of custody records and placed on ice for analysis. After sampling the temporary monitoring well was removed and the location was filled with bentonite chips to ground surface.

Dedicated, disposable soil sampling equipment was used during soil and groundwater sampling, therefore no equipment decontamination was required. Greenstar field personnel utilized clean disposable gloves during sampling activities.

Site photographs documenting the Phase II SI field activities are included in Appendix A. A field log was maintained for each boring which details the observed soil conditions and field observations. Soil boring logs are included in Appendix B.

4.3 Analytical Laboratory Information

The soil and groundwater samples were submitted under chain of custody to Test America Inc. located in Buffalo, New York, a New York certified laboratory.

The environmental samples were collected in laboratory-cleaned and supplied containers and immediately placed in a cooler with ice after collection. Upon completion of the fieldwork, the soil samples were delivered under chain of custody to Test America Inc., for analysis.

The soil samples collected from AOC 1 and AOC 2 were analyzed for VOC by USEPA Method 8260 and SVOC by EPA Method 8270B. Samples from AOC 2 were also analyzed for lead by Method 6020. Groundwater samples collected from AOC 2 were analyzed for VOC by USEPA Method 8260, SVOC by EPA Method 8270B, and lead by Method 6020. One trip blank was analyzed by the laboratory for QA/QC purposes. The trip blank was analyzed for VOCs by USEPA Method 8260. The laboratory data package 1 for samples collected as part of the Phase II SI are provided in Appendix C.

4.4 Field Data Collection

Soil borings were logged continuously to record subsurface lithology and field observations. A field log was maintained for each boring detailing the observed subsurface conditions. Copies of the soil boring logs are provided in Appendix B.

During drilling, field screening was completed on each soil boring for the presence of total VOCs using a calibrated PID. The PID is a trace gas analyzer calibrated to an isobutylene standard, which is capable of detecting total volatile organic vapor concentrations to a lower limit of approximately one part per million (ppm). The PID response for each boring is noted on the boring logs.

5.0 REGULATORY STANDARDS

The analytical data collected during the Phase II SI was screened against NYS Standards, Criteria, and Guidelines (SCGs) or other New York State Department of Environmental Conservation (NYS DEC) guidance as noted below:

- **Soil** - Soil Cleanup Objectives (SCOs) Table 375-6.8(b). NYSDEC Remedial Program Soil Cleanup Objectives (6 New York Codes, Rules and Regulations [NYCRR] 375-6). The lowest value for protection of public health, ecological resources or groundwater was used for comparison.
- **Groundwater** - Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards (AWQS).

6.0 SAMPLE RESULTS

Soil:

No concentrations of VOC or SVOC were detected in soil samples. Concentrations of lead were detected below Soil Cleanup Objectives.

Groundwater:

No concentrations of VOC were detected in groundwater samples. One SVOC, butyl benzyl phthalate was detected in groundwater sample SB-06 (4.8 µg/L; no AWQS). This class of compound (phthalates) are commonly used in plastic and therefore this compound is considered a possibly laboratory or sampling artifact unrelated to past use of the property. Lead was detected at concentrations nominally above the AWQS of 0.025 mg/L in samples SB-04 (0.071 mg/L) and SB-06 (0.13 mg/L). The presence of lead in groundwater is likely due to the turbid nature of the groundwater samples and the urban setting of the property. The presence of lead is not likely to be due to past use of the property.

7.0 CONCLUSIONS

The ground penetrating radar survey did not locate an underground storage tank on the property. Based on field observations noted during soil borings, and soil and groundwater sample results the two AOCs at the subject property have not been impacted by past use.

8.0 RECOMMENDATIONS

No further action is recommended for this property.

9.0 REFERENCES

Phase I Environmental Site Assessment, 331 Main Street, City of Poughkeepsie, Dutchess County, New York. Ecosystem Strategies, Inc. June 21, 2013.

Environmental Data Resources, Inc. Report. June 5, 2013.

New York State Department of Environmental Conservation, Freshwater Wetlands Map of the Poughkeepsie, New York Quadrangle.

Sanborn Fire Insurance Company Maps dated 1887, 1895, 1913, 1950, 1952, 1984, and 1990. United States Department of Agriculture, Natural Resources Conservation Service, Soil Survey for Dutchess County, New York, dated 2002.

United States Department of the Interior National Wetlands Inventory Map of the Poughkeepsie, New York, Quadrangle.

United States Geological Survey Topographic Map of the Poughkeepsie, New York Quadrangle, dated 1995.

University of the State of New York, Geologic Map of New York, Fisher, *et al.*, editors (dated 1970, reprinted 1995) and Surficial Geologic Map of New York, D. Cadwell, editor (dated 1989),
Lower Hudson Sheets.





Legend

Phase 2 SI Sample Locations

- Soil Boring Location
- Soil Boring & Temporary Well Location



TABLE 1 - SUMMARY OF PHASE II SI INVESTIGATION ACTIVITIES
INDOTRONIX INTERNATIONAL CORPORATION

Area of Concern	Sample Location	Sample Type	Sample Analysis	Rationale
AOC 1 - Former Auto Repair Facility	SB-01	One soil	VOC, SVOCs	Assess soil conditions within footprint of former auto repair facility
	SB-02	Visual observation and soil logging only	None	Visual observation of soil to assess soil conditions within footprint of former auto repair facility
AOC 2 - 1,000 gal UST	SB-03	Visual observation and soil logging only	None	Visual observation of soil to assess soil conditions near UST
	SB-04	One soil and one groundwater	VOC, SVOCs, Lead	Assess soil and groundwater conditions immediately adjacent to UST
	SB-05	Visual observation and soil logging only	None	Visual observation of soil to assess soil conditions near UST
	SB-06	One soil and one groundwater	VOC, SVOCs, Lead	Assess soil and groundwater conditions immediately adjacent to UST
Note: VOCs by EPA Method 8260, SVOCs EPA Method 8270, lead by EPA Method 6020.				

**TABLE 2 - SUMMARY OF SOIL SAMPLE RESULTS
INDOTRONIX INTERNATIONAL CORPORATION**

Analyte	Soil Cleanup Objectives (SCOs)	SB-02	SB-04	SB-06
Volatile Organic Compounds by Method 8260B (ug/kg)				
1,1,1-Trichloroethane	680	ND	ND	ND
1,1,2,2-Tetrachloroethane	NC	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NC	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND
1,1-Dichloroethane	270	ND	ND	ND
1,1-Dichloroethene	330	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND
1,2-Dibromo-3-Chloropropane	NC	ND	ND	ND
1,2-Dibromoethane	NC	ND	ND	ND
1,2-Dichlorobenzene	1100	ND	ND	ND
1,2-Dichloroethane	20	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND
1,3-Dichlorobenzene	2400	ND	ND	ND
1,4-Dichlorobenzene	1800	ND	ND	ND
2-Butanone (MEK)	120	ND	ND	ND
2-Hexanone	NC	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NC	ND	ND	ND
Acetone	NC	ND	ND	ND
Benzene	60	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND
Bromoform	NC	ND	ND	ND
Bromomethane	NC	ND	ND	ND
Carbon disulfide	NC	ND	ND	ND
Carbon tetrachloride	760	ND	ND	ND
Chlorobenzene	1100	ND	ND	ND
Chloroethane	NC	ND	ND	ND
Chloroform	370	ND	ND	ND
Chloromethane	NC	ND	ND	ND
cis-1,2-Dichloroethene	250	ND	ND	ND
cis-1,3-Dichloropropene	NC	ND	ND	ND
Notes: Soil Cleanup Objectives (SCOs) from 6NYCRR Part 375 NYSDEC Remedial Program, Table 375-6.8(b). The lowest value for protection of public health, ecological resources or groundwater is shown. ND = Not Detected. NC = No Criteria. NS = Not Sampled				

TABLE 2 - SUMMARY OF SOIL SAMPLE RESULTS
INDOTRONIX INTERNATIONAL CORPORATION

Analyte	Soil Cleanup Objectives (SCOs)	SB-02	SB-04	SB-06
Volatile Organic Compounds by Method 8260B (µg/kg), Con't				
Cyclohexane	NC	ND	ND	ND
Dibromochloromethane	NC	ND	ND	ND
Dichlorodifluoromethane	NC	ND	ND	ND
Ethylbenzene	1000	ND	ND	ND
Isopropylbenzene	NC	ND	ND	ND
Methyl acetate	NC	ND	ND	ND
Methyl tert-butyl ether	930	ND	ND	ND
Methylcyclohexane	NC	ND	ND	ND
Methylene Chloride	50	ND	ND	ND
Styrene	NC	ND	ND	ND
Tetrachloroethene	1300	ND	ND	ND
Toluene	700	ND	ND	ND
trans-1,2-Dichloroethene	190	ND	ND	ND
trans-1,3-Dichloropropene	NC	ND	ND	ND
Trichloroethene	470	ND	ND	ND
Trichlorofluoromethane	NC	ND	ND	ND
Vinyl chloride	20	ND	ND	ND
Xylenes, Total	260	ND	ND	ND
Semivolatile Organic Compounds by Method 8270 (µg/Kg)				
2,4,5-Trichlorophenol	NC	ND	ND	ND
2,4,6-Trichlorophenol	NC	ND	ND	ND
2,4-Dichlorophenol	NC	ND	ND	ND
2,4-Dimethylphenol	NC	ND	ND	ND
2,4-Dinitrophenol	NC	ND	ND	ND
2,4-Dinitrotoluene	NC	ND	ND	ND
2,6-Dinitrotoluene	NC	ND	ND	ND
2-Chloronaphthalene	NC	ND	ND	ND
2-Chlorophenol	NC	ND	ND	ND
2-Methylnaphthalene	NC	ND	ND	ND
2-Methylphenol	330	ND	ND	ND
2-Nitroaniline	NC	ND	ND	ND
2-Nitrophenol	NC	ND	ND	ND
3,3'-Dichlorobenzidine	NC	ND	ND	ND
3-Nitroaniline	NC	ND	ND	ND
4,6-Dinitro-2-methylphenol	NC	ND	ND	ND
4-Bromophenyl phenyl ether	NC	ND	ND	ND

TABLE 2 - SUMMARY OF SOIL SAMPLE RESULTS
INDOTRONIX INTERNATIONAL CORPORATION

Analyte	Soil Cleanup Objectives (SCOs)	SB-02	SB-04	SB-06
Semivolatile Organic Compounds by Method 8270 (µg/Kg), Con't				
4-Chloro-3-methylphenol	NC	ND	ND	ND
4-Chloroaniline	NC	ND	ND	ND
4-Chlorophenyl phenyl ether	NC	ND	ND	ND
4-Methylphenol	330	ND	ND	ND
4-Nitroaniline	NC	ND	ND	ND
4-Nitrophenol	NC	ND	ND	ND
Acenaphthene	20000	ND	ND	ND
Acenaphthylene	100000	ND	ND	ND
Acetophenone	NC	ND	ND	ND
Anthracene	100000	ND	ND	ND
Atrazine	NC	ND	ND	ND
Benzaldehyde	NC	ND	ND	ND
Benzo[a]anthracene	1000	ND	ND	ND
Benzo[a]pyrene	1000	ND	ND	ND
Benzo[b]fluoranthene	1000	ND	ND	ND
Benzo[g,h,i]perylene	100000	ND	ND	ND
Benzo[k]fluoranthene	800	ND	ND	ND
Biphenyl	NC	ND	ND	ND
bis (2-chloroisopropyl) ether	NC	ND	ND	ND
Bis(2-chloroethoxy)methane	NC	ND	ND	ND
Bis(2-chloroethyl)ether	NC	ND	ND	ND
Bis(2-ethylhexyl) phthalate	NC	ND	ND	ND
Butyl benzyl phthalate	NC	ND	ND	ND
Caprolactam	NC	ND	ND	ND
Carbazole	NC	ND	ND	ND
Chrysene	1000	ND	ND	ND
Dibenz(a,h)anthracene	330	ND	ND	ND
Dibenzofuran	7000	ND	ND	ND
Diethyl phthalate	NC	ND	ND	ND
Dimethyl phthalate	NC	ND	ND	ND
Di-n-butyl phthalate	NC	ND	ND	ND
Di-n-octyl phthalate	NC	ND	ND	ND
Fluoranthene	100000	ND	ND	ND
Fluorene	30000	ND	ND	ND
Hexachlorobenzene	330	ND	ND	ND
Hexachlorobutadiene	NC	ND	ND	ND

TABLE 2 - SUMMARY OF SOIL SAMPLE RESULTS
INDOTRONIX INTERNATIONAL CORPORATION

Analyte	Soil Cleanup Objectives (SCOs)	SB-02	SB-04	SB-06
Semivolatile Organic Compounds by Method 8270 (µg/Kg), Con't				
Hexachlorocyclopentadiene	NC	ND	ND	ND
Hexachloroethane	NC	ND	ND	ND
Indeno[1,2,3-cd]pyrene	500	ND	ND	ND
Isophorone	NC	ND	ND	ND
Naphthalene	12000	ND	ND	ND
Nitrobenzene	NC	ND	ND	ND
N-Nitrosodi-n-propylamine	NC	ND	ND	ND
N-Nitrosodiphenylamine	NC	ND	ND	ND
Pentachlorophenol	800	ND	ND	ND
Phenanthrene	100000	ND	ND	ND
Phenol	330	ND	ND	ND
Pyrene	100000	ND	ND	ND
Lead by Method 6010B (mg/kg)				
Lead	63	NS	13.2	12.3

TABLE 3 - SUMMARY OF GROUNDWATER SAMPLE RESULTS
INDOTRONIX INTERNATIONAL CORPORATION

Analyte	New York State Ambient Water Quality Standards (AWQS)	GW-04	GW-06
Volatile Organic Compounds by Method 8260B (µg/L)			
1,1,1-Trichloroethane	5	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND	ND
1,1,2-Trichloroethane	1	ND	ND
1,1-Dichloroethane	5	ND	ND
1,1-Dichloroethene	5	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND
1,2-Dibromo-3-Chloropropane	0.04	ND	ND
1,2-Dibromoethane	0.0006	ND	ND
1,2-Dichlorobenzene	3	ND	ND
1,2-Dichloroethane	0.6	ND	ND
1,2-Dichloropropane	5	ND	ND
1,3-Dichlorobenzene	3	ND	ND
1,4-Dichlorobenzene	3	ND	ND
2-Butanone (MEK)	NC	ND	ND
2-Hexanone	NC	ND	ND
4-Methyl-2-pentanone (MIBK)	NC	ND	ND
Acetone	NC	ND	ND
Benzene	1	ND	ND
Bromodichloromethane	NC	ND	ND
Bromoform	NC	ND	ND
Bromomethane	5	ND	ND
Carbon disulfide	NC	ND	ND
Carbon tetrachloride	5	ND	ND
Chlorobenzene	5	ND	ND
Chloroethane	5	ND	ND
Chloroform	7	ND	ND
Chloromethane	5	ND	ND
cis-1,2-Dichloroethene	5	ND	ND
cis-1,3-Dichloropropene	NC	ND	ND
Cyclohexane	NC	ND	ND
Dibromochloromethane	NC	ND	ND
Notes: Sample results compared to Ambient Water Quality Standards (AWQS) as per Technical and Operation Guidance Series (TOGS) Standards. Values BOLD and shaded exceed AWQS for that compound. ND = Not Detected. NC = No Criteria.			

**TABLE 3 - SUMMARY OF GROUNDWATER SAMPLE RESULTS
INDOTRONIX INTERNATIONAL CORPORATION**

Analyte	New York State Ambient Water Quality Standards (AWQS)	GW-04	GW-06
Volatile Organic Compounds by Method 8260B (µg/L), Con't			
Dichlorodifluoromethane	5	ND	ND
Ethylbenzene	5	ND	ND
Isopropylbenzene	5	ND	ND
Methyl acetate	NC	ND	ND
Methyl tert-butyl ether	10	ND	ND
Methylcyclohexane	NC	ND	ND
Methylene Chloride	5	ND	ND
Styrene	5	ND	ND
Tetrachloroethene	5	ND	ND
Toluene	5	ND	ND
trans-1,2-Dichloroethene	5	ND	ND
trans-1,3-Dichloropropene	NC	ND	ND
Trichloroethene	5	ND	ND
Trichlorofluoromethane	5	ND	ND
Vinyl chloride	2	ND	ND
Xylenes, Total		ND	ND
Semivolatile Organic Compounds by Method 8270 (µg/L)			
2,4,5-Trichlorophenol	NC	ND	ND
2,4,6-Trichlorophenol	NC	ND	ND
2,4-Dichlorophenol	5	ND	ND
2,4-Dimethylphenol	See Reg	ND	ND
2,4-Dinitrophenol	See Reg	ND	ND
2,4-Dinitrotoluene	5	ND	ND
2,6-Dinitrotoluene	5	ND	ND
2-Chloronaphthalene	NC	ND	ND
2-Chlorophenol	NC	ND	ND
2-Methylnaphthalene	NC	ND	ND
2-Methylphenol	NC	ND	ND
2-Nitroaniline	5	ND	ND
2-Nitrophenol	NC	ND	ND
3,3'-Dichlorobenzidine	5	ND	ND
3-Nitroaniline	5	ND	ND
4,6-Dinitro-2-methylphenol	NC	ND	ND
4-Bromophenyl phenyl ether	NC	ND	ND
4-Chloro-3-methylphenol	NC	ND	ND
4-Chloroaniline	5	ND	ND
4-Chlorophenyl phenyl ether	NC	ND	ND
4-Methylphenol	NC	ND	ND

Limited Phase II Subsurface Investigation
Indotronix International Corporation, 331 Main Street, Poughkeepsie, New York

TABLE 3 - SUMMARY OF GROUNDWATER SAMPLE RESULTS
INDOTRONIX INTERNATIONAL CORPORATION

Analyte	New York State Ambient Water Quality Standards (AWQS)	GW-04	GW-06
Semivolatile Organic Compounds by Method 8270 (µg/L), Con't			
4-Nitroaniline	5	ND	ND
4-Nitrophenol	NC	ND	ND
Acenaphthene	NC	ND	ND
Acenaphthylene	NC	ND	ND
Acetophenone	NC	ND	ND
Anthracene	NC	ND	ND
Atrazine	7.5	ND	ND
Benzaldehyde	NC	ND	ND
Benzo(a)anthracene	NC	ND	ND
Benzo(a)pyrene	NC	ND	ND
Benzo(b)fluoranthene	NC	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND
Benzo(k)fluoranthene	NC	ND	ND
Biphenyl	5	ND	ND
bis (2-chloroisopropyl) ether	5	ND	ND
Bis(2-chloroethoxy)methane	5	ND	ND
Bis(2-chloroethyl)ether	1	ND	ND
Bis(2-ethylhexyl) phthalate	5	ND	ND
Butyl benzyl phthalate	NC	ND	4.8
Caprolactam	NC	ND	ND
Carbazole	NC	ND	ND
Chrysene	NC	ND	ND
Dibenz(a,h)anthracene	NC	ND	ND
Dibenzofuran	NC	ND	ND
Diethyl phthalate	NC	ND	ND
Dimethyl phthalate	NC	ND	ND
Di-n-butyl phthalate	50	ND	ND
Di-n-octyl phthalate	NC	ND	ND
Fluoranthene	NC	ND	ND
Fluorene	NC	ND	ND
Hexachlorobenzene	0.04	ND	ND
Hexachlorobutadiene	0.5	ND	ND
Hexachlorocyclopentadiene	5	ND	ND
Hexachloroethane	5	ND	ND
Indeno(1,2,3-cd)pyrene	NC	ND	ND
Isophorone	NC	ND	ND
Naphthalene	NC	ND	ND
Nitrobenzene	0.4	ND	ND

TABLE 3 - SUMMARY OF GROUNDWATER SAMPLE RESULTS
INDOTRONIX INTERNATIONAL CORPORATION

Analyte	New York State Ambient Water Quality Standards (AWQS)	GW-04	GW-06
Semivolatile Organic Compounds by Method 8270 (µg/L), Con't			
N-Nitrosodi-n-propylamine	NC	ND	ND
N-Nitrosodiphenylamine	NC	ND	ND
Pentachlorophenol	See Reg	ND	ND
Phenanthrene	NC	ND	ND
Phenol	NC	ND	ND
Pyrene	NC	ND	ND
Lead by Method 6010B (mg/L)			
Lead	0.025	0.071	0.13

Appendix A

Site Photographs Documenting Phase II SI Field Activities

PHOTO 1.

Direct push drilling at SB-01.



PHOTO 2.

Direct push drilling at SB-03.



PHOTO 3.

Direct push drilling at SB-05.



PHOTO 4.

Direct push drilling at SB-06.



PHOTO 5.

Location of SB-01.



PHOTO 6.

Location of SB-02.



PHOTO 7.

Location of SB-03.



PHOTO 8.

Location of SB-04.



PHOTO 9.

Location of SB-05.



PHOTO 10.

Location of SB-06



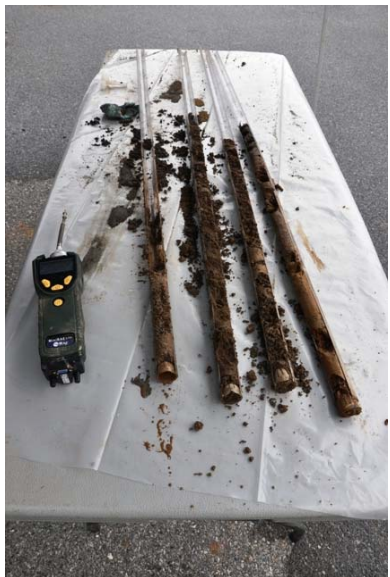
PHOTO 11.

Soil profile at SB-01.



PHOTO 12.

Soil profile at SB-04.



Appendix B

Soil Boring Logs

[illegible]

Logged by:	AG	Date:	8/2/2013	Total Depth:	20
Drilling Contractor:	C2G	Driller:	Brian Galunas	Depth to Bedrock:	NA

[illegible]

Logged by:	AG	Date:	8/2/2013	Total Depth:	20
Drilling Contractor:	C2G	Driller:	Brian Galunas	Depth to Bedrock:	NA

[illegible]

Logged by:	AG	Date:	8/2/2013	Total Depth:	20
Drilling Contractor:	C2G	Driller:	Brian Galunas	Depth to Bedrock:	NA

[illegible]

Logged by:	AG	Date:	8/2/2013	Total Depth:	20
Drilling Contractor:	C2G	Driller:	Brian Galunas	Depth to Bedrock:	NA

[illegible]

Logged by:	AG	Date:	8/2/2013	Total Depth:	20
Drilling Contractor:	C2G	Driller:	Brian Galunas	Depth to Bedrock:	NA

[illegible]

Logged by:	AG	Date:	8/2/2013	Total Depth:	20
Drilling Contractor:	C2G	Driller:	Brian Galunas	Depth to Bedrock:	NA

Appendix C

Laboratory Data Package (On Attached CD)

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: 480-43050-1

Client Project/Site: Poughkeepsie NY Phase 2 project

For:

Greenstar Environmental Solutions, LLC

20 Hellbrook Lane

Ulster Park, New York 12487

Attn: Mr. Pete Nimmer

Peggy Gray-Erdmann

Authorized for release by:

8/13/2013 3:02:17 PM

Peggy Gray-Erdmann, Project Manager II

peggy.gray-erdmann@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Job ID: 480-43050-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-43050-1

Comments

No additional comments.

Receipt

The samples were received on 8/2/2013 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted due to the nature of the sample TCLP matrix: (480-42908-25 MS), (480-42908-25 MSD), (LB 480-131915/1-A), GP-5 16 (480-42908-25). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for batch 132325 recovered outside control limits for the following analytes: Methyl acetate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 132679 recovered outside control limits for the following analytes: 4-Chloroaniline and 3-Nitroaniline. 4-Chloroaniline and 3-Nitroaniline have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The continuing calibration verification (CCV) for Benzaldehyde associated with batch 133483 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

Method(s) 3550B: A significant amount of liquid was present in the following samples: SB-06 (480-43050-6). These samples were decanted prior to preparation.

No other analytical or quality issues were noted.

Detection Summary

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-02

Lab Sample ID: 480-43050-2

No Detections.

Client Sample ID: SB-04

Lab Sample ID: 480-43050-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.2		1.0		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-06

Lab Sample ID: 480-43050-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	12.3		1.3		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GW-04

Lab Sample ID: 480-43050-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.071		0.0050		mg/L	1		6010B	Total/NA

Client Sample ID: GW-06

Lab Sample ID: 480-43050-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Butyl benzyl phthalate	4.8		4.8		ug/L	1		8270C	Total/NA
Lead	0.13		0.0050		mg/L	1		6010B	Total/NA

Client Sample ID: Trip Blank TB-01

Lab Sample ID: 480-43050-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-02

Lab Sample ID: 480-43050-2

Date Collected: 08/01/13 09:25

Matrix: Solid

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,1,2,2-Tetrachloroethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,1,2-Trichloroethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,1-Dichloroethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,1-Dichloroethene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,2,4-Trichlorobenzene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,2-Dibromo-3-Chloropropane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,2-Dibromoethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,2-Dichlorobenzene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,2-Dichloroethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,2-Dichloropropane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,3-Dichlorobenzene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
1,4-Dichlorobenzene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
2-Hexanone	ND		22		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
2-Butanone (MEK)	ND		22		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
4-Methyl-2-pentanone (MIBK)	ND		22		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Acetone	ND		22		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Benzene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Bromodichloromethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Bromoform	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Bromomethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Carbon disulfide	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Carbon tetrachloride	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Chlorobenzene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Dibromochloromethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Chloroethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Chloroform	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Chloromethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
cis-1,2-Dichloroethene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
cis-1,3-Dichloropropene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Cyclohexane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Dichlorodifluoromethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Ethylbenzene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Isopropylbenzene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Methyl acetate	ND	*	4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Methyl tert-butyl ether	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Methylcyclohexane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Methylene Chloride	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Styrene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Tetrachloroethene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Toluene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
trans-1,2-Dichloroethene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
trans-1,3-Dichloropropene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Trichloroethene	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Trichlorofluoromethane	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Vinyl chloride	ND		4.5		ug/Kg		08/05/13 09:45	08/05/13 15:05	1
Xylenes, Total	ND		9.0		ug/Kg		08/05/13 09:45	08/05/13 15:05	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-02

Lab Sample ID: 480-43050-2

Date Collected: 08/01/13 09:25

Matrix: Solid

Date Received: 08/02/13 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 126	08/05/13 09:45	08/05/13 15:05	1
Toluene-d8 (Surr)	101		71 - 125	08/05/13 09:45	08/05/13 15:05	1
4-Bromofluorobenzene (Surr)	102		72 - 126	08/05/13 09:45	08/05/13 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
bis (2-chloroisopropyl) ether	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2,4,5-Trichlorophenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2,4,6-Trichlorophenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2,4-Dichlorophenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2,4-Dimethylphenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2,4-Dinitrophenol	ND		350		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2,4-Dinitrotoluene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2,6-Dinitrotoluene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2-Chloronaphthalene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2-Chlorophenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2-Methylnaphthalene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2-Methylphenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2-Nitroaniline	ND		350		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
2-Nitrophenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
3,3'-Dichlorobenzidine	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
3-Nitroaniline	ND		350		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
4,6-Dinitro-2-methylphenol	ND		350		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
4-Bromophenyl phenyl ether	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
4-Chloro-3-methylphenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
4-Chloroaniline	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
4-Chlorophenyl phenyl ether	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
4-Methylphenol	ND		350		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
4-Nitroaniline	ND		350		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
4-Nitrophenol	ND		350		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Acenaphthene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Acenaphthylene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Acetophenone	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Anthracene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Atrazine	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Benzaldehyde	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Benzo[a]anthracene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Benzo[a]pyrene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Benzo[b]fluoranthene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Benzo[g,h,i]perylene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Benzo[k]fluoranthene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Bis(2-chloroethoxy)methane	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Bis(2-chloroethyl)ether	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Bis(2-ethylhexyl) phthalate	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Butyl benzyl phthalate	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Caprolactam	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Carbazole	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Chrysene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Di-n-butyl phthalate	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-02

Lab Sample ID: 480-43050-2

Date Collected: 08/01/13 09:25

Matrix: Solid

Date Received: 08/02/13 02:30

Percent Solids: 92.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Dibenz(a,h)anthracene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Dibenzofuran	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Diethyl phthalate	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Dimethyl phthalate	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Fluoranthene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Fluorene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Hexachlorobenzene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Hexachlorobutadiene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Hexachlorocyclopentadiene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Hexachloroethane	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Indeno[1,2,3-cd]pyrene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Isophorone	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
N-Nitrosodi-n-propylamine	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
N-Nitrosodiphenylamine	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Naphthalene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Nitrobenzene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Pentachlorophenol	ND		350		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Phenanthrene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Phenol	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1
Pyrene	ND		180		ug/Kg	☼	08/06/13 06:48	08/09/13 09:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		39 - 146	08/06/13 06:48	08/09/13 09:36	1
2-Fluorobiphenyl	67		37 - 120	08/06/13 06:48	08/09/13 09:36	1
2-Fluorophenol	68		18 - 120	08/06/13 06:48	08/09/13 09:36	1
Nitrobenzene-d5	56		34 - 132	08/06/13 06:48	08/09/13 09:36	1
p-Terphenyl-d14	103		65 - 153	08/06/13 06:48	08/09/13 09:36	1
Phenol-d5	71		11 - 120	08/06/13 06:48	08/09/13 09:36	1

Client Sample ID: SB-04

Lab Sample ID: 480-43050-4

Date Collected: 08/01/13 10:35

Matrix: Solid

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,1,1,2-Tetrachloroethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,1,2-Trichloroethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,1-Dichloroethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,1-Dichloroethene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,2,4-Trichlorobenzene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,2-Dibromo-3-Chloropropane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,2-Dibromoethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,2-Dichlorobenzene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,2-Dichloroethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,2-Dichloropropane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,3-Dichlorobenzene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
1,4-Dichlorobenzene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-04

Lab Sample ID: 480-43050-4

Date Collected: 08/01/13 10:35

Matrix: Solid

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		20		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
2-Butanone (MEK)	ND		20		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Acetone	ND		20		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Benzene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Bromodichloromethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Bromoform	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Bromomethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Carbon disulfide	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Carbon tetrachloride	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Chlorobenzene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Dibromochloromethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Chloroethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Chloroform	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Chloromethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
cis-1,2-Dichloroethene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
cis-1,3-Dichloropropene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Cyclohexane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Dichlorodifluoromethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Ethylbenzene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Isopropylbenzene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Methyl acetate	ND *		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Methyl tert-butyl ether	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Methylcyclohexane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Methylene Chloride	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Styrene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Tetrachloroethene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Toluene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
trans-1,2-Dichloroethene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
trans-1,3-Dichloropropene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Trichloroethene	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Trichlorofluoromethane	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Vinyl chloride	ND		3.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1
Xylenes, Total	ND		7.9		ug/Kg		08/05/13 09:45	08/05/13 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		64 - 126	08/05/13 09:45	08/05/13 15:56	1
Toluene-d8 (Surr)	101		71 - 125	08/05/13 09:45	08/05/13 15:56	1
4-Bromofluorobenzene (Surr)	102		72 - 126	08/05/13 09:45	08/05/13 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
bis (2-chloroisopropyl) ether	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2,4,5-Trichlorophenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2,4,6-Trichlorophenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2,4-Dichlorophenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2,4-Dimethylphenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2,4-Dinitrophenol	ND		370		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2,4-Dinitrotoluene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-04

Lab Sample ID: 480-43050-4

Date Collected: 08/01/13 10:35

Matrix: Solid

Date Received: 08/02/13 02:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2-Chloronaphthalene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2-Chlorophenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2-Methylnaphthalene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2-Methylphenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2-Nitroaniline	ND		370		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
2-Nitrophenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
3,3'-Dichlorobenzidine	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
3-Nitroaniline	ND		370		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
4,6-Dinitro-2-methylphenol	ND		370		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
4-Bromophenyl phenyl ether	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
4-Chloro-3-methylphenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
4-Chloroaniline	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
4-Chlorophenyl phenyl ether	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
4-Methylphenol	ND		370		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
4-Nitroaniline	ND		370		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
4-Nitrophenol	ND		370		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Acenaphthene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Acenaphthylene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Acetophenone	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Anthracene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Atrazine	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Benzaldehyde	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Benzo[a]anthracene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Benzo[a]pyrene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Benzo[b]fluoranthene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Benzo[g,h,i]perylene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Benzo[k]fluoranthene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Bis(2-chloroethoxy)methane	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Bis(2-chloroethyl)ether	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Bis(2-ethylhexyl) phthalate	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Butyl benzyl phthalate	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Caprolactam	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Carbazole	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Chrysene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Di-n-butyl phthalate	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Di-n-octyl phthalate	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Dibenz(a,h)anthracene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Dibenzofuran	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Diethyl phthalate	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Dimethyl phthalate	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Fluoranthene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Fluorene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Hexachlorobenzene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Hexachlorobutadiene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Hexachlorocyclopentadiene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Hexachloroethane	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Indeno[1,2,3-cd]pyrene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Isophorone	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-04

Lab Sample ID: 480-43050-4

Date Collected: 08/01/13 10:35

Matrix: Solid

Date Received: 08/02/13 02:30

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
N-Nitrosodiphenylamine	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Naphthalene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Nitrobenzene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Pentachlorophenol	ND		370		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Phenanthrene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Phenol	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1
Pyrene	ND		190		ug/Kg	☼	08/06/13 06:48	08/09/13 10:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	66		39 - 146	08/06/13 06:48	08/09/13 10:01	1
2-Fluorobiphenyl	64		37 - 120	08/06/13 06:48	08/09/13 10:01	1
2-Fluorophenol	63		18 - 120	08/06/13 06:48	08/09/13 10:01	1
Nitrobenzene-d5	53		34 - 132	08/06/13 06:48	08/09/13 10:01	1
p-Terphenyl-d14	102		65 - 153	08/06/13 06:48	08/09/13 10:01	1
Phenol-d5	67		11 - 120	08/06/13 06:48	08/09/13 10:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.2		1.0		mg/Kg	☼	08/06/13 10:50	08/06/13 19:40	1

Client Sample ID: SB-06

Lab Sample ID: 480-43050-6

Date Collected: 08/01/13 11:05

Matrix: Solid

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,1,2,2-Tetrachloroethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,1,2-Trichloroethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,1-Dichloroethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,1-Dichloroethene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,2,4-Trichlorobenzene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,2-Dibromo-3-Chloropropane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,2-Dibromoethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,2-Dichlorobenzene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,2-Dichloroethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,2-Dichloropropane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,3-Dichlorobenzene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
1,4-Dichlorobenzene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
2-Hexanone	ND		21		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
2-Butanone (MEK)	ND		21		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
4-Methyl-2-pentanone (MIBK)	ND		21		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Acetone	ND		21		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Benzene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Bromodichloromethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Bromoform	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Bromomethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Carbon disulfide	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-06

Lab Sample ID: 480-43050-6

Date Collected: 08/01/13 11:05

Matrix: Solid

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Chlorobenzene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Dibromochloromethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Chloroethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Chloroform	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Chloromethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
cis-1,2-Dichloroethene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
cis-1,3-Dichloropropene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Cyclohexane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Dichlorodifluoromethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Ethylbenzene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Isopropylbenzene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Methyl acetate	ND	*	4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Methyl tert-butyl ether	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Methylcyclohexane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Methylene Chloride	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Styrene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Tetrachloroethene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Toluene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
trans-1,2-Dichloroethene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
trans-1,3-Dichloropropene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Trichloroethene	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Trichlorofluoromethane	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Vinyl chloride	ND		4.1		ug/Kg		08/05/13 09:45	08/05/13 16:47	1
Xylenes, Total	ND		8.3		ug/Kg		08/05/13 09:45	08/05/13 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 126	08/05/13 09:45	08/05/13 16:47	1
Toluene-d8 (Surr)	99		71 - 125	08/05/13 09:45	08/05/13 16:47	1
4-Bromofluorobenzene (Surr)	100		72 - 126	08/05/13 09:45	08/05/13 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
bis (2-chloroisopropyl) ether	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2,4,5-Trichlorophenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2,4,6-Trichlorophenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2,4-Dichlorophenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2,4-Dimethylphenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2,4-Dinitrophenol	ND		420		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2,4-Dinitrotoluene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2,6-Dinitrotoluene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2-Chloronaphthalene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2-Chlorophenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2-Methylnaphthalene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2-Methylphenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2-Nitroaniline	ND		420		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
2-Nitrophenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
3,3'-Dichlorobenzidine	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
3-Nitroaniline	ND		420		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-06

Lab Sample ID: 480-43050-6

Date Collected: 08/01/13 11:05

Matrix: Solid

Date Received: 08/02/13 02:30

Percent Solids: 76.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		420		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
4-Bromophenyl phenyl ether	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
4-Chloro-3-methylphenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
4-Chloroaniline	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
4-Chlorophenyl phenyl ether	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
4-Methylphenol	ND		420		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
4-Nitroaniline	ND		420		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
4-Nitrophenol	ND		420		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Acenaphthene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Acenaphthylene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Acetophenone	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Anthracene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Atrazine	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Benzaldehyde	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Benzo[a]anthracene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Benzo[a]pyrene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Benzo[b]fluoranthene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Benzo[g,h,i]perylene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Benzo[k]fluoranthene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Bis(2-chloroethoxy)methane	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Bis(2-chloroethyl)ether	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Bis(2-ethylhexyl) phthalate	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Butyl benzyl phthalate	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Caprolactam	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Carbazole	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Chrysene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Di-n-butyl phthalate	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Di-n-octyl phthalate	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Dibenz(a,h)anthracene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Dibenzofuran	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Diethyl phthalate	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Dimethyl phthalate	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Fluoranthene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Fluorene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Hexachlorobenzene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Hexachlorobutadiene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Hexachlorocyclopentadiene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Hexachloroethane	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Indeno[1,2,3-cd]pyrene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Isophorone	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
N-Nitrosodi-n-propylamine	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
N-Nitrosodiphenylamine	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Naphthalene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Nitrobenzene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Pentachlorophenol	ND		420		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Phenanthrene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Phenol	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1
Pyrene	ND		220		ug/Kg	☼	08/06/13 06:48	08/09/13 10:26	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-06

Date Collected: 08/01/13 11:05

Date Received: 08/02/13 02:30

Lab Sample ID: 480-43050-6

Matrix: Solid

Percent Solids: 76.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	59		39 - 146	08/06/13 06:48	08/09/13 10:26	1
2-Fluorobiphenyl	68		37 - 120	08/06/13 06:48	08/09/13 10:26	1
2-Fluorophenol	68		18 - 120	08/06/13 06:48	08/09/13 10:26	1
Nitrobenzene-d5	58		34 - 132	08/06/13 06:48	08/09/13 10:26	1
p-Terphenyl-d14	97		65 - 153	08/06/13 06:48	08/09/13 10:26	1
Phenol-d5	72		11 - 120	08/06/13 06:48	08/09/13 10:26	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	12.3		1.3		mg/Kg	☼	08/06/13 10:50	08/06/13 19:46	1

Client Sample ID: GW-04

Date Collected: 08/01/13 11:30

Date Received: 08/02/13 02:30

Lab Sample ID: 480-43050-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			08/05/13 12:29	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			08/05/13 12:29	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/05/13 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			08/05/13 12:29	1
1,1-Dichloroethane	ND		1.0		ug/L			08/05/13 12:29	1
1,1-Dichloroethene	ND		1.0		ug/L			08/05/13 12:29	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/05/13 12:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/05/13 12:29	1
1,2-Dibromoethane	ND		1.0		ug/L			08/05/13 12:29	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/05/13 12:29	1
1,2-Dichloroethane	ND		1.0		ug/L			08/05/13 12:29	1
1,2-Dichloropropane	ND		1.0		ug/L			08/05/13 12:29	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/05/13 12:29	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/05/13 12:29	1
2-Hexanone	ND		5.0		ug/L			08/05/13 12:29	1
2-Butanone (MEK)	ND		10		ug/L			08/05/13 12:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			08/05/13 12:29	1
Acetone	ND		10		ug/L			08/05/13 12:29	1
Benzene	ND		1.0		ug/L			08/05/13 12:29	1
Bromodichloromethane	ND		1.0		ug/L			08/05/13 12:29	1
Bromoform	ND		1.0		ug/L			08/05/13 12:29	1
Bromomethane	ND		1.0		ug/L			08/05/13 12:29	1
Carbon disulfide	ND		1.0		ug/L			08/05/13 12:29	1
Carbon tetrachloride	ND		1.0		ug/L			08/05/13 12:29	1
Chlorobenzene	ND		1.0		ug/L			08/05/13 12:29	1
Dibromochloromethane	ND		1.0		ug/L			08/05/13 12:29	1
Chloroethane	ND		1.0		ug/L			08/05/13 12:29	1
Chloroform	ND		1.0		ug/L			08/05/13 12:29	1
Chloromethane	ND		1.0		ug/L			08/05/13 12:29	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/05/13 12:29	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			08/05/13 12:29	1
Cyclohexane	ND		1.0		ug/L			08/05/13 12:29	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/05/13 12:29	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: GW-04

Lab Sample ID: 480-43050-7

Date Collected: 08/01/13 11:30

Matrix: Water

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0		ug/L			08/05/13 12:29	1
Isopropylbenzene	ND		1.0		ug/L			08/05/13 12:29	1
Methyl acetate	ND		1.0		ug/L			08/05/13 12:29	1
Methyl tert-butyl ether	ND		1.0		ug/L			08/05/13 12:29	1
Methylcyclohexane	ND		1.0		ug/L			08/05/13 12:29	1
Methylene Chloride	ND		1.0		ug/L			08/05/13 12:29	1
Styrene	ND		1.0		ug/L			08/05/13 12:29	1
Tetrachloroethene	ND		1.0		ug/L			08/05/13 12:29	1
Toluene	ND		1.0		ug/L			08/05/13 12:29	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			08/05/13 12:29	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			08/05/13 12:29	1
Trichloroethene	ND		1.0		ug/L			08/05/13 12:29	1
Trichlorofluoromethane	ND		1.0		ug/L			08/05/13 12:29	1
Vinyl chloride	ND		1.0		ug/L			08/05/13 12:29	1
Xylenes, Total	ND		2.0		ug/L			08/05/13 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		08/05/13 12:29	1
Toluene-d8 (Surr)	98		71 - 126		08/05/13 12:29	1
4-Bromofluorobenzene (Surr)	95		73 - 120		08/05/13 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
bis (2-chloroisopropyl) ether	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2,4,5-Trichlorophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2,4,6-Trichlorophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2,4-Dichlorophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2,4-Dimethylphenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2,4-Dinitrophenol	ND		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
2,4-Dinitrotoluene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2,6-Dinitrotoluene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2-Chloronaphthalene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2-Chlorophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2-Methylnaphthalene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2-Methylphenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
2-Nitroaniline	ND		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
2-Nitrophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
3,3'-Dichlorobenzidine	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
3-Nitroaniline	ND *		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
4,6-Dinitro-2-methylphenol	ND		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
4-Bromophenyl phenyl ether	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
4-Chloro-3-methylphenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
4-Chloroaniline	ND *		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
4-Chlorophenyl phenyl ether	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
4-Methylphenol	ND		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
4-Nitroaniline	ND		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
4-Nitrophenol	ND		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
Acenaphthene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Acenaphthylene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: GW-04

Lab Sample ID: 480-43050-7

Date Collected: 08/01/13 11:30

Matrix: Water

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Anthracene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Atrazine	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Benzaldehyde	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Benzo(a)anthracene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Benzo(a)pyrene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Benzo(b)fluoranthene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Benzo(g,h,i)perylene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Benzo(k)fluoranthene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Bis(2-chloroethoxy)methane	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Bis(2-chloroethyl)ether	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Bis(2-ethylhexyl) phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Butyl benzyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Caprolactam	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Carbazole	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Chrysene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Di-n-butyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Di-n-octyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Dibenz(a,h)anthracene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Dibenzofuran	ND		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
Diethyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Dimethyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Fluoranthene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Fluorene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Hexachlorobenzene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Hexachlorobutadiene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Hexachlorocyclopentadiene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Hexachloroethane	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Indeno(1,2,3-cd)pyrene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Isophorone	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
N-Nitrosodi-n-propylamine	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
N-Nitrosodiphenylamine	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Naphthalene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Nitrobenzene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Pentachlorophenol	ND		9.5		ug/L		08/07/13 06:17	08/08/13 05:18	1
Phenanthrene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Phenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1
Pyrene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	67		39 - 146	08/07/13 06:17	08/08/13 05:18	1
2-Fluorobiphenyl	77		37 - 120	08/07/13 06:17	08/08/13 05:18	1
2-Fluorophenol	45		18 - 120	08/07/13 06:17	08/08/13 05:18	1
Nitrobenzene-d5	82		34 - 132	08/07/13 06:17	08/08/13 05:18	1
p-Terphenyl-d14	105		58 - 147	08/07/13 06:17	08/08/13 05:18	1
Phenol-d5	32		11 - 120	08/07/13 06:17	08/08/13 05:18	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.071		0.0050		mg/L		08/02/13 09:15	08/02/13 19:42	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: GW-06

Lab Sample ID: 480-43050-8

Date Collected: 08/01/13 11:40

Matrix: Water

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			08/05/13 12:54	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			08/05/13 12:54	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/05/13 12:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			08/05/13 12:54	1
1,1-Dichloroethane	ND		1.0		ug/L			08/05/13 12:54	1
1,1-Dichloroethene	ND		1.0		ug/L			08/05/13 12:54	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/05/13 12:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/05/13 12:54	1
1,2-Dibromoethane	ND		1.0		ug/L			08/05/13 12:54	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/05/13 12:54	1
1,2-Dichloroethane	ND		1.0		ug/L			08/05/13 12:54	1
1,2-Dichloropropane	ND		1.0		ug/L			08/05/13 12:54	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/05/13 12:54	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/05/13 12:54	1
2-Hexanone	ND		5.0		ug/L			08/05/13 12:54	1
2-Butanone (MEK)	ND		10		ug/L			08/05/13 12:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			08/05/13 12:54	1
Acetone	ND		10		ug/L			08/05/13 12:54	1
Benzene	ND		1.0		ug/L			08/05/13 12:54	1
Bromodichloromethane	ND		1.0		ug/L			08/05/13 12:54	1
Bromoform	ND		1.0		ug/L			08/05/13 12:54	1
Bromomethane	ND		1.0		ug/L			08/05/13 12:54	1
Carbon disulfide	ND		1.0		ug/L			08/05/13 12:54	1
Carbon tetrachloride	ND		1.0		ug/L			08/05/13 12:54	1
Chlorobenzene	ND		1.0		ug/L			08/05/13 12:54	1
Dibromochloromethane	ND		1.0		ug/L			08/05/13 12:54	1
Chloroethane	ND		1.0		ug/L			08/05/13 12:54	1
Chloroform	ND		1.0		ug/L			08/05/13 12:54	1
Chloromethane	ND		1.0		ug/L			08/05/13 12:54	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/05/13 12:54	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			08/05/13 12:54	1
Cyclohexane	ND		1.0		ug/L			08/05/13 12:54	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/05/13 12:54	1
Ethylbenzene	ND		1.0		ug/L			08/05/13 12:54	1
Isopropylbenzene	ND		1.0		ug/L			08/05/13 12:54	1
Methyl acetate	ND		1.0		ug/L			08/05/13 12:54	1
Methyl tert-butyl ether	ND		1.0		ug/L			08/05/13 12:54	1
Methylcyclohexane	ND		1.0		ug/L			08/05/13 12:54	1
Methylene Chloride	ND		1.0		ug/L			08/05/13 12:54	1
Styrene	ND		1.0		ug/L			08/05/13 12:54	1
Tetrachloroethene	ND		1.0		ug/L			08/05/13 12:54	1
Toluene	ND		1.0		ug/L			08/05/13 12:54	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			08/05/13 12:54	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			08/05/13 12:54	1
Trichloroethene	ND		1.0		ug/L			08/05/13 12:54	1
Trichlorofluoromethane	ND		1.0		ug/L			08/05/13 12:54	1
Vinyl chloride	ND		1.0		ug/L			08/05/13 12:54	1
Xylenes, Total	ND		2.0		ug/L			08/05/13 12:54	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: GW-06

Lab Sample ID: 480-43050-8

Date Collected: 08/01/13 11:40

Matrix: Water

Date Received: 08/02/13 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		08/05/13 12:54	1
Toluene-d8 (Surr)	97		71 - 126		08/05/13 12:54	1
4-Bromofluorobenzene (Surr)	92		73 - 120		08/05/13 12:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
bis (2-chloroisopropyl) ether	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2,4,5-Trichlorophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2,4,6-Trichlorophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2,4-Dichlorophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2,4-Dimethylphenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2,4-Dinitrophenol	ND		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
2,4-Dinitrotoluene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2,6-Dinitrotoluene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2-Chloronaphthalene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2-Chlorophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2-Methylnaphthalene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2-Methylphenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
2-Nitroaniline	ND		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
2-Nitrophenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
3,3'-Dichlorobenzidine	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
3-Nitroaniline	ND *		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
4,6-Dinitro-2-methylphenol	ND		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
4-Bromophenyl phenyl ether	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
4-Chloro-3-methylphenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
4-Chloroaniline	ND *		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
4-Chlorophenyl phenyl ether	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
4-Methylphenol	ND		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
4-Nitroaniline	ND		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
4-Nitrophenol	ND		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
Acenaphthene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Acenaphthylene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Acetophenone	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Anthracene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Atrazine	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Benzaldehyde	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Benzo(a)anthracene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Benzo(a)pyrene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Benzo(b)fluoranthene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Benzo(g,h,i)perylene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Benzo(k)fluoranthene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Bis(2-chloroethoxy)methane	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Bis(2-chloroethyl)ether	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Bis(2-ethylhexyl) phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Butyl benzyl phthalate	4.8		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Caprolactam	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Carbazole	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Chrysene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Di-n-butyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: GW-06

Lab Sample ID: 480-43050-8

Date Collected: 08/01/13 11:40

Matrix: Water

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Dibenz(a,h)anthracene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Dibenzofuran	ND		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
Diethyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Dimethyl phthalate	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Fluoranthene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Fluorene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Hexachlorobenzene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Hexachlorobutadiene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Hexachlorocyclopentadiene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Hexachloroethane	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Indeno(1,2,3-cd)pyrene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Isophorone	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
N-Nitrosodi-n-propylamine	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
N-Nitrosodiphenylamine	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Naphthalene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Nitrobenzene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Pentachlorophenol	ND		9.6		ug/L		08/07/13 06:17	08/08/13 05:45	1
Phenanthrene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Phenol	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1
Pyrene	ND		4.8		ug/L		08/07/13 06:17	08/08/13 05:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		39 - 146	08/07/13 06:17	08/08/13 05:45	1
2-Fluorobiphenyl	67		37 - 120	08/07/13 06:17	08/08/13 05:45	1
2-Fluorophenol	44		18 - 120	08/07/13 06:17	08/08/13 05:45	1
Nitrobenzene-d5	73		34 - 132	08/07/13 06:17	08/08/13 05:45	1
p-Terphenyl-d14	95		58 - 147	08/07/13 06:17	08/08/13 05:45	1
Phenol-d5	33		11 - 120	08/07/13 06:17	08/08/13 05:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.13		0.0050		mg/L		08/02/13 09:15	08/02/13 19:45	1

Client Sample ID: Trip Blank TB-01

Lab Sample ID: 480-43050-9

Date Collected: 08/01/13 00:00

Matrix: Water

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			08/05/13 13:19	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			08/05/13 13:19	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/05/13 13:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			08/05/13 13:19	1
1,1-Dichloroethane	ND		1.0		ug/L			08/05/13 13:19	1
1,1-Dichloroethene	ND		1.0		ug/L			08/05/13 13:19	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/05/13 13:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/05/13 13:19	1
1,2-Dibromoethane	ND		1.0		ug/L			08/05/13 13:19	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/05/13 13:19	1

TestAmerica Buffalo

Client Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: Trip Blank TB-01

Lab Sample ID: 480-43050-9

Date Collected: 08/01/13 00:00

Matrix: Water

Date Received: 08/02/13 02:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0		ug/L			08/05/13 13:19	1
1,2-Dichloropropane	ND		1.0		ug/L			08/05/13 13:19	1
1,3-Dichlorobenzene	ND		1.0		ug/L			08/05/13 13:19	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/05/13 13:19	1
2-Hexanone	ND		5.0		ug/L			08/05/13 13:19	1
2-Butanone (MEK)	ND		10		ug/L			08/05/13 13:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			08/05/13 13:19	1
Acetone	ND		10		ug/L			08/05/13 13:19	1
Benzene	ND		1.0		ug/L			08/05/13 13:19	1
Bromodichloromethane	ND		1.0		ug/L			08/05/13 13:19	1
Bromoform	ND		1.0		ug/L			08/05/13 13:19	1
Bromomethane	ND		1.0		ug/L			08/05/13 13:19	1
Carbon disulfide	ND		1.0		ug/L			08/05/13 13:19	1
Carbon tetrachloride	ND		1.0		ug/L			08/05/13 13:19	1
Chlorobenzene	ND		1.0		ug/L			08/05/13 13:19	1
Dibromochloromethane	ND		1.0		ug/L			08/05/13 13:19	1
Chloroethane	ND		1.0		ug/L			08/05/13 13:19	1
Chloroform	ND		1.0		ug/L			08/05/13 13:19	1
Chloromethane	ND		1.0		ug/L			08/05/13 13:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/05/13 13:19	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			08/05/13 13:19	1
Cyclohexane	ND		1.0		ug/L			08/05/13 13:19	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/05/13 13:19	1
Ethylbenzene	ND		1.0		ug/L			08/05/13 13:19	1
Isopropylbenzene	ND		1.0		ug/L			08/05/13 13:19	1
Methyl acetate	ND		1.0		ug/L			08/05/13 13:19	1
Methyl tert-butyl ether	ND		1.0		ug/L			08/05/13 13:19	1
Methylcyclohexane	ND		1.0		ug/L			08/05/13 13:19	1
Methylene Chloride	ND		1.0		ug/L			08/05/13 13:19	1
Styrene	ND		1.0		ug/L			08/05/13 13:19	1
Tetrachloroethene	ND		1.0		ug/L			08/05/13 13:19	1
Toluene	ND		1.0		ug/L			08/05/13 13:19	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			08/05/13 13:19	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			08/05/13 13:19	1
Trichloroethene	ND		1.0		ug/L			08/05/13 13:19	1
Trichlorofluoromethane	ND		1.0		ug/L			08/05/13 13:19	1
Vinyl chloride	ND		1.0		ug/L			08/05/13 13:19	1
Xylenes, Total	ND		2.0		ug/L			08/05/13 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		66 - 137		08/05/13 13:19	1
Toluene-d8 (Surr)	97		71 - 126		08/05/13 13:19	1
4-Bromofluorobenzene (Surr)	95		73 - 120		08/05/13 13:19	1

TestAmerica Buffalo

Surrogate Summary

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (64-126)	TOL (71-125)	BFB (72-126)
480-43050-2	SB-02	112	101	102
480-43050-4	SB-04	113	101	102
480-43050-6	SB-06	112	99	100
LCS 480-132325/6	Lab Control Sample	109	104	105
MB 480-132325/7	Method Blank	104	104	100
Surrogate Legend				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
TOL = Toluene-d8 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-43050-7	GW-04	111	98	95
480-43050-8	GW-06	109	97	92
480-43050-9	Trip Blank TB-01	109	97	95
LCS 480-132315/5	Lab Control Sample	107	100	98
MB 480-132315/7	Method Blank	108	97	95
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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (39-146)	FBP (37-120)	2FP (18-120)	NBZ (34-132)	TPH (65-153)	PHL (11-120)
480-43050-2	SB-02	79	67	68	56	103	71
480-43050-4	SB-04	66	64	63	53	102	67
480-43050-6	SB-06	59	68	68	58	97	72
LCS 480-132484/2-A	Lab Control Sample	83	79	67	69	84	67
MB 480-132484/1-A	Method Blank	69	72	69	60	95	73
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
TPH = p-Terphenyl-d14							
PHL = Phenol-d5							

TestAmerica Buffalo

Surrogate Summary

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (39-146)	FBP (37-120)	2FP (18-120)	NBZ (34-132)	TPH (58-147)	PHL (11-120)
480-43050-7	GW-04	67	77	45	82	105	32
480-43050-8	GW-06	69	67	44	73	95	33
LCS 480-132679/2-A	Lab Control Sample	81	69	54	77	101	38
MB 480-132679/1-A	Method Blank	57	73	55	81	91	40

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

TPH = p-Terphenyl-d14

PHL = Phenol-d5

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Lab Sample ID: MB 480-132325/7

Matrix: Solid

Analysis Batch: 132325

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		ug/Kg			08/05/13 12:20	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			08/05/13 12:20	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			08/05/13 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			08/05/13 12:20	1
1,1-Dichloroethane	ND		5.0		ug/Kg			08/05/13 12:20	1
1,1-Dichloroethene	ND		5.0		ug/Kg			08/05/13 12:20	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			08/05/13 12:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			08/05/13 12:20	1
1,2-Dibromoethane	ND		5.0		ug/Kg			08/05/13 12:20	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			08/05/13 12:20	1
1,2-Dichloroethane	ND		5.0		ug/Kg			08/05/13 12:20	1
1,2-Dichloropropane	ND		5.0		ug/Kg			08/05/13 12:20	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			08/05/13 12:20	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			08/05/13 12:20	1
2-Hexanone	ND		25		ug/Kg			08/05/13 12:20	1
2-Butanone (MEK)	ND		25		ug/Kg			08/05/13 12:20	1
4-Methyl-2-pentanone (MIBK)	ND		25		ug/Kg			08/05/13 12:20	1
Acetone	ND		25		ug/Kg			08/05/13 12:20	1
Benzene	ND		5.0		ug/Kg			08/05/13 12:20	1
Bromodichloromethane	ND		5.0		ug/Kg			08/05/13 12:20	1
Bromoform	ND		5.0		ug/Kg			08/05/13 12:20	1
Bromomethane	ND		5.0		ug/Kg			08/05/13 12:20	1
Carbon disulfide	ND		5.0		ug/Kg			08/05/13 12:20	1
Carbon tetrachloride	ND		5.0		ug/Kg			08/05/13 12:20	1
Chlorobenzene	ND		5.0		ug/Kg			08/05/13 12:20	1
Dibromochloromethane	ND		5.0		ug/Kg			08/05/13 12:20	1
Chloroethane	ND		5.0		ug/Kg			08/05/13 12:20	1
Chloroform	ND		5.0		ug/Kg			08/05/13 12:20	1
Chloromethane	ND		5.0		ug/Kg			08/05/13 12:20	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			08/05/13 12:20	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			08/05/13 12:20	1
Cyclohexane	ND		5.0		ug/Kg			08/05/13 12:20	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			08/05/13 12:20	1
Ethylbenzene	ND		5.0		ug/Kg			08/05/13 12:20	1
Isopropylbenzene	ND		5.0		ug/Kg			08/05/13 12:20	1
Methyl acetate	ND		5.0		ug/Kg			08/05/13 12:20	1
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/05/13 12:20	1
Methylcyclohexane	ND		5.0		ug/Kg			08/05/13 12:20	1
Methylene Chloride	ND		5.0		ug/Kg			08/05/13 12:20	1
Styrene	ND		5.0		ug/Kg			08/05/13 12:20	1
Tetrachloroethene	ND		5.0		ug/Kg			08/05/13 12:20	1
Toluene	ND		5.0		ug/Kg			08/05/13 12:20	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			08/05/13 12:20	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			08/05/13 12:20	1
Trichloroethene	ND		5.0		ug/Kg			08/05/13 12:20	1
Trichlorofluoromethane	ND		5.0		ug/Kg			08/05/13 12:20	1
Vinyl chloride	ND		5.0		ug/Kg			08/05/13 12:20	1
Xylenes, Total	ND		10		ug/Kg			08/05/13 12:20	1

TestAmerica Buffalo

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Lab Sample ID: MB 480-132325/7

Matrix: Solid

Analysis Batch: 132325

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 126		08/05/13 12:20	1
Toluene-d8 (Surr)	104		71 - 125		08/05/13 12:20	1
4-Bromofluorobenzene (Surr)	100		72 - 126		08/05/13 12:20	1

Lab Sample ID: LCS 480-132325/6

Matrix: Solid

Analysis Batch: 132325

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	49.2		ug/Kg		98	73 - 126
1,1-Dichloroethene	50.0	46.3		ug/Kg		93	59 - 125
1,2-Dichlorobenzene	50.0	44.5		ug/Kg		89	75 - 120
1,2-Dichloroethane	50.0	50.9		ug/Kg		102	77 - 122
Benzene	50.0	53.7		ug/Kg		107	79 - 127
Chlorobenzene	50.0	49.4		ug/Kg		99	76 - 124
cis-1,2-Dichloroethene	50.0	54.6		ug/Kg		109	81 - 117
Ethylbenzene	50.0	47.3		ug/Kg		95	80 - 120
Methyl tert-butyl ether	50.0	50.5		ug/Kg		101	63 - 125
Tetrachloroethene	50.0	51.0		ug/Kg		102	74 - 122
Toluene	50.0	47.2		ug/Kg		94	74 - 128
trans-1,2-Dichloroethene	50.0	52.5		ug/Kg		105	78 - 126
Trichloroethene	50.0	53.1		ug/Kg		106	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		64 - 126
Toluene-d8 (Surr)	104		71 - 125
4-Bromofluorobenzene (Surr)	105		72 - 126

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

Lab Sample ID: MB 480-132315/7

Matrix: Water

Analysis Batch: 132315

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		ug/L			08/05/13 11:49	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			08/05/13 11:49	1
1,1,2-Trichloroethane	ND		1.0		ug/L			08/05/13 11:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			08/05/13 11:49	1
1,1-Dichloroethane	ND		1.0		ug/L			08/05/13 11:49	1
1,1-Dichloroethene	ND		1.0		ug/L			08/05/13 11:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/05/13 11:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/05/13 11:49	1
1,2-Dibromoethane	ND		1.0		ug/L			08/05/13 11:49	1
1,2-Dichlorobenzene	ND		1.0		ug/L			08/05/13 11:49	1
1,2-Dichloroethane	ND		1.0		ug/L			08/05/13 11:49	1
1,2-Dichloropropane	ND		1.0		ug/L			08/05/13 11:49	1

TestAmerica Buffalo

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Lab Sample ID: MB 480-132315/7

Matrix: Water

Analysis Batch: 132315

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0		ug/L			08/05/13 11:49	1
1,4-Dichlorobenzene	ND		1.0		ug/L			08/05/13 11:49	1
2-Hexanone	ND		5.0		ug/L			08/05/13 11:49	1
2-Butanone (MEK)	ND		10		ug/L			08/05/13 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			08/05/13 11:49	1
Acetone	ND		10		ug/L			08/05/13 11:49	1
Benzene	ND		1.0		ug/L			08/05/13 11:49	1
Bromodichloromethane	ND		1.0		ug/L			08/05/13 11:49	1
Bromoform	ND		1.0		ug/L			08/05/13 11:49	1
Bromomethane	ND		1.0		ug/L			08/05/13 11:49	1
Carbon disulfide	ND		1.0		ug/L			08/05/13 11:49	1
Carbon tetrachloride	ND		1.0		ug/L			08/05/13 11:49	1
Chlorobenzene	ND		1.0		ug/L			08/05/13 11:49	1
Dibromochloromethane	ND		1.0		ug/L			08/05/13 11:49	1
Chloroethane	ND		1.0		ug/L			08/05/13 11:49	1
Chloroform	ND		1.0		ug/L			08/05/13 11:49	1
Chloromethane	ND		1.0		ug/L			08/05/13 11:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/05/13 11:49	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			08/05/13 11:49	1
Cyclohexane	ND		1.0		ug/L			08/05/13 11:49	1
Dichlorodifluoromethane	ND		1.0		ug/L			08/05/13 11:49	1
Ethylbenzene	ND		1.0		ug/L			08/05/13 11:49	1
Isopropylbenzene	ND		1.0		ug/L			08/05/13 11:49	1
Methyl acetate	ND		1.0		ug/L			08/05/13 11:49	1
Methyl tert-butyl ether	ND		1.0		ug/L			08/05/13 11:49	1
Methylcyclohexane	ND		1.0		ug/L			08/05/13 11:49	1
Methylene Chloride	ND		1.0		ug/L			08/05/13 11:49	1
Styrene	ND		1.0		ug/L			08/05/13 11:49	1
Tetrachloroethene	ND		1.0		ug/L			08/05/13 11:49	1
Toluene	ND		1.0		ug/L			08/05/13 11:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			08/05/13 11:49	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			08/05/13 11:49	1
Trichloroethene	ND		1.0		ug/L			08/05/13 11:49	1
Trichlorofluoromethane	ND		1.0		ug/L			08/05/13 11:49	1
Vinyl chloride	ND		1.0		ug/L			08/05/13 11:49	1
Xylenes, Total	ND		2.0		ug/L			08/05/13 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		08/05/13 11:49	1
Toluene-d8 (Surr)	97		71 - 126		08/05/13 11:49	1
4-Bromofluorobenzene (Surr)	95		73 - 120		08/05/13 11:49	1

Lab Sample ID: LCS 480-132315/5

Matrix: Water

Analysis Batch: 132315

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	26.3		ug/L		105	71 - 129

TestAmerica Buffalo

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Lab Sample ID: LCS 480-132315/5

Matrix: Water

Analysis Batch: 132315

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	25.0	24.2		ug/L		97	58 - 121
1,2-Dichlorobenzene	25.0	23.9		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	24.5		ug/L		98	75 - 127
Benzene	25.0	26.0		ug/L		104	71 - 124
Chlorobenzene	25.0	24.4		ug/L		98	72 - 120
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	74 - 124
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
Methyl tert-butyl ether	25.0	26.2		ug/L		105	64 - 127
Tetrachloroethene	25.0	22.4		ug/L		90	74 - 122
Toluene	25.0	23.4		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
Trichloroethene	25.0	24.9		ug/L		100	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120

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

Lab Sample ID: MB 480-132484/1-A

Matrix: Solid

Analysis Batch: 133038

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
bis (2-chloroisopropyl) ether	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2,4,5-Trichlorophenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2,4,6-Trichlorophenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2,4-Dichlorophenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2,4-Dimethylphenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2,4-Dinitrophenol	ND		320		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2,4-Dinitrotoluene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2,6-Dinitrotoluene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2-Chloronaphthalene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2-Chlorophenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2-Methylnaphthalene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2-Methylphenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2-Nitroaniline	ND		320		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
2-Nitrophenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
3,3'-Dichlorobenzidine	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
3-Nitroaniline	ND		320		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
4,6-Dinitro-2-methylphenol	ND		320		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
4-Bromophenyl phenyl ether	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
4-Chloro-3-methylphenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
4-Chloroaniline	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
4-Chlorophenyl phenyl ether	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
4-Methylphenol	ND		320		ug/Kg		08/06/13 06:48	08/09/13 07:08	1

TestAmerica Buffalo

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Lab Sample ID: MB 480-132484/1-A

Matrix: Solid

Analysis Batch: 133038

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		320		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
4-Nitrophenol	ND		320		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Acenaphthene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Acenaphthylene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Acetophenone	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Anthracene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Atrazine	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Benzaldehyde	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Benzo[a]anthracene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Benzo[a]pyrene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Benzo[b]fluoranthene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Benzo[g,h,i]perylene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Benzo[k]fluoranthene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Bis(2-chloroethoxy)methane	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Bis(2-chloroethyl)ether	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Bis(2-ethylhexyl) phthalate	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Butyl benzyl phthalate	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Caprolactam	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Carbazole	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Chrysene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Di-n-butyl phthalate	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Di-n-octyl phthalate	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Dibenz(a,h)anthracene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Dibenzofuran	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Diethyl phthalate	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Dimethyl phthalate	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Fluoranthene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Fluorene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Hexachlorobenzene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Hexachlorobutadiene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Hexachlorocyclopentadiene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Hexachloroethane	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Indeno[1,2,3-cd]pyrene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Isophorone	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
N-Nitrosodi-n-propylamine	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
N-Nitrosodiphenylamine	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Naphthalene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Nitrobenzene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Pentachlorophenol	ND		320		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Phenanthrene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Phenol	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1
Pyrene	ND		170		ug/Kg		08/06/13 06:48	08/09/13 07:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		39 - 146	08/06/13 06:48	08/09/13 07:08	1
2-Fluorobiphenyl	72		37 - 120	08/06/13 06:48	08/09/13 07:08	1
2-Fluorophenol	69		18 - 120	08/06/13 06:48	08/09/13 07:08	1
Nitrobenzene-d5	60		34 - 132	08/06/13 06:48	08/09/13 07:08	1

TestAmerica Buffalo

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Lab Sample ID: MB 480-132484/1-A

Matrix: Solid

Analysis Batch: 133038

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132484

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14	95		65 - 153	08/06/13 06:48	08/09/13 07:08	1
Phenol-d5	73		11 - 120	08/06/13 06:48	08/09/13 07:08	1

Lab Sample ID: LCS 480-132484/2-A

Matrix: Solid

Analysis Batch: 133483

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132484

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrophenol	3280	2140		ug/Kg		65	35 - 146
2,4-Dinitrotoluene	1640	1330		ug/Kg		81	55 - 125
2-Chlorophenol	1640	1050		ug/Kg		64	38 - 120
4-Chloro-3-methylphenol	1640	1210		ug/Kg		74	49 - 125
4-Nitrophenol	3280	2510		ug/Kg		76	43 - 137
Acenaphthene	1640	1280		ug/Kg		78	53 - 120
Bis(2-ethylhexyl) phthalate	1640	1410		ug/Kg		86	61 - 133
Fluorene	1640	1300		ug/Kg		80	63 - 126
Hexachloroethane	1640	971		ug/Kg		59	41 - 120
N-Nitrosodi-n-propylamine	1640	1200		ug/Kg		73	46 - 120
Pentachlorophenol	3280	2320		ug/Kg		71	33 - 136
Phenol	1640	1070		ug/Kg		65	36 - 120
Pyrene	1640	1410		ug/Kg		86	51 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	83		39 - 146
2-Fluorobiphenyl	79		37 - 120
2-Fluorophenol	67		18 - 120
Nitrobenzene-d5	69		34 - 132
p-Terphenyl-d14	84		65 - 153
Phenol-d5	67		11 - 120

Lab Sample ID: MB 480-132679/1-A

Matrix: Water

Analysis Batch: 132871

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
bis (2-chloroisopropyl) ether	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2,4,5-Trichlorophenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2,4,6-Trichlorophenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2,4-Dichlorophenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2,4-Dimethylphenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2,4-Dinitrophenol	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
2,4-Dinitrotoluene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2,6-Dinitrotoluene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2-Chloronaphthalene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2-Chlorophenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2-Methylnaphthalene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
2-Methylphenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1

TestAmerica Buffalo

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Lab Sample ID: MB 480-132679/1-A

Matrix: Water

Analysis Batch: 132871

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
2-Nitrophenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
3-Nitroaniline	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
4,6-Dinitro-2-methylphenol	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
4-Chloroaniline	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
4-Methylphenol	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
4-Nitroaniline	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
4-Nitrophenol	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
Acenaphthene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Acenaphthylene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Acetophenone	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Anthracene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Atrazine	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Benzaldehyde	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Benzo(a)anthracene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Benzo(a)pyrene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Benzo(b)fluoranthene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Benzo(g,h,i)perylene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Benzo(k)fluoranthene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Bis(2-chloroethyl)ether	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Bis(2-ethylhexyl) phthalate	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Butyl benzyl phthalate	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Caprolactam	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Carbazole	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Chrysene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Di-n-butyl phthalate	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Di-n-octyl phthalate	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Dibenz(a,h)anthracene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Dibenzofuran	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
Diethyl phthalate	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Dimethyl phthalate	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Fluoranthene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Fluorene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Hexachlorobenzene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Hexachlorobutadiene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Hexachloroethane	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Indeno(1,2,3-cd)pyrene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Isophorone	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
N-Nitrosodi-n-propylamine	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
N-Nitrosodiphenylamine	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Naphthalene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Nitrobenzene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1

TestAmerica Buffalo

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

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

Lab Sample ID: MB 480-132679/1-A

Matrix: Water

Analysis Batch: 132871

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10		ug/L		08/07/13 06:17	08/08/13 03:30	1
Phenanthrene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Phenol	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1
Pyrene	ND		5.0		ug/L		08/07/13 06:17	08/08/13 03:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	57		39 - 146	08/07/13 06:17	08/08/13 03:30	1
2-Fluorobiphenyl	73		37 - 120	08/07/13 06:17	08/08/13 03:30	1
2-Fluorophenol	55		18 - 120	08/07/13 06:17	08/08/13 03:30	1
Nitrobenzene-d5	81		34 - 132	08/07/13 06:17	08/08/13 03:30	1
p-Terphenyl-d14	91		58 - 147	08/07/13 06:17	08/08/13 03:30	1
Phenol-d5	40		11 - 120	08/07/13 06:17	08/08/13 03:30	1

Lab Sample ID: LCS 480-132679/2-A

Matrix: Water

Analysis Batch: 132871

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrophenol	64.0	49.3		ug/L		77	42 - 153
2,4-Dinitrotoluene	32.0	29.4		ug/L		92	65 - 154
2-Chlorophenol	32.0	22.0		ug/L		69	48 - 120
4-Chloro-3-methylphenol	32.0	26.7		ug/L		83	64 - 120
4-Nitrophenol	64.0	29.6		ug/L		46	16 - 120
Acenaphthene	32.0	25.2		ug/L		79	60 - 120
Bis(2-ethylhexyl) phthalate	32.0	29.5		ug/L		92	53 - 158
Fluorene	32.0	26.9		ug/L		84	55 - 143
Hexachloroethane	32.0	21.4		ug/L		67	14 - 101
N-Nitrosodi-n-propylamine	32.0	26.5		ug/L		83	56 - 120
Pentachlorophenol	64.0	47.3		ug/L		74	39 - 136
Phenol	32.0	12.8		ug/L		40	17 - 120
Pyrene	32.0	32.6		ug/L		102	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	81		39 - 146
2-Fluorobiphenyl	69		37 - 120
2-Fluorophenol	54		18 - 120
Nitrobenzene-d5	77		34 - 132
p-Terphenyl-d14	101		58 - 147
Phenol-d5	38		11 - 120

TestAmerica Buffalo

QC Sample Results

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-132012/1-A
Matrix: Water
Analysis Batch: 132208

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		08/02/13 09:15	08/02/13 19:05	1

Lab Sample ID: LCS 480-132012/2-A
Matrix: Water
Analysis Batch: 132208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.200	0.200		mg/L		100	80 - 120

Lab Sample ID: MB 480-132523/1-A
Matrix: Solid
Analysis Batch: 132720

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.1		mg/Kg		08/06/13 10:50	08/06/13 19:30	1

Lab Sample ID: LCSSRM 480-132523/2-A
Matrix: Solid
Analysis Batch: 132720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132523

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	103	110.4		mg/Kg		107.0	70.9 - 128. 2

QC Association Summary

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

GC/MS VOA

Analysis Batch: 132315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-7	GW-04	Total/NA	Water	8260B	
480-43050-8	GW-06	Total/NA	Water	8260B	
480-43050-9	Trip Blank TB-01	Total/NA	Water	8260B	
LCS 480-132315/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-132315/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 132325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-2	SB-02	Total/NA	Solid	8260B	132336
480-43050-4	SB-04	Total/NA	Solid	8260B	132336
480-43050-6	SB-06	Total/NA	Solid	8260B	132336
LCS 480-132325/6	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-132325/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 132336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-2	SB-02	Total/NA	Solid	5035	
480-43050-4	SB-04	Total/NA	Solid	5035	
480-43050-6	SB-06	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 132484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-2	SB-02	Total/NA	Solid	3550B	
480-43050-4	SB-04	Total/NA	Solid	3550B	
480-43050-6	SB-06	Total/NA	Solid	3550B	
LCS 480-132484/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-132484/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 132679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-7	GW-04	Total/NA	Water	3510C	
480-43050-8	GW-06	Total/NA	Water	3510C	
LCS 480-132679/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-132679/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 132871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-7	GW-04	Total/NA	Water	8270C	132679
480-43050-8	GW-06	Total/NA	Water	8270C	132679
LCS 480-132679/2-A	Lab Control Sample	Total/NA	Water	8270C	132679
MB 480-132679/1-A	Method Blank	Total/NA	Water	8270C	132679

Analysis Batch: 133038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-2	SB-02	Total/NA	Solid	8270C	132484
480-43050-4	SB-04	Total/NA	Solid	8270C	132484
480-43050-6	SB-06	Total/NA	Solid	8270C	132484
MB 480-132484/1-A	Method Blank	Total/NA	Solid	8270C	132484

TestAmerica Buffalo

QC Association Summary

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

GC/MS Semi VOA (Continued)

Analysis Batch: 133483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-132484/2-A	Lab Control Sample	Total/NA	Solid	8270C	132484

Metals

Prep Batch: 132012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-7	GW-04	Total/NA	Water	3005A	
480-43050-8	GW-06	Total/NA	Water	3005A	
LCS 480-132012/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-132012/1-A	Method Blank	Total/NA	Water	3005A	

Analysis Batch: 132208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-7	GW-04	Total/NA	Water	6010B	132012
480-43050-8	GW-06	Total/NA	Water	6010B	132012
LCS 480-132012/2-A	Lab Control Sample	Total/NA	Water	6010B	132012
MB 480-132012/1-A	Method Blank	Total/NA	Water	6010B	132012

Prep Batch: 132523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-4	SB-04	Total/NA	Solid	3050B	
480-43050-6	SB-06	Total/NA	Solid	3050B	
LCSSRM 480-132523/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-132523/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 132720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-4	SB-04	Total/NA	Solid	6010B	132523
480-43050-6	SB-06	Total/NA	Solid	6010B	132523
LCSSRM 480-132523/2-A	Lab Control Sample	Total/NA	Solid	6010B	132523
MB 480-132523/1-A	Method Blank	Total/NA	Solid	6010B	132523

General Chemistry

Analysis Batch: 132168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-43050-2	SB-02	Total/NA	Solid	Moisture	
480-43050-4	SB-04	Total/NA	Solid	Moisture	
480-43050-6	SB-06	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: SB-02

Date Collected: 08/01/13 09:25

Date Received: 08/02/13 02:30

Lab Sample ID: 480-43050-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			132336	08/05/13 09:45	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	132325	08/05/13 15:05	LCH	TAL BUF
Total/NA	Prep	3550B			132484	08/06/13 06:48	DLE	TAL BUF
Total/NA	Analysis	8270C		1	133038	08/09/13 09:36	ANM	TAL BUF
Total/NA	Analysis	Moisture		1	132168	08/02/13 20:23	GTG	TAL BUF

Client Sample ID: SB-04

Date Collected: 08/01/13 10:35

Date Received: 08/02/13 02:30

Lab Sample ID: 480-43050-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			132336	08/05/13 09:45	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	132325	08/05/13 15:56	LCH	TAL BUF
Total/NA	Prep	3550B			132484	08/06/13 06:48	DLE	TAL BUF
Total/NA	Analysis	8270C		1	133038	08/09/13 10:01	ANM	TAL BUF
Total/NA	Prep	3050B			132523	08/06/13 10:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	132720	08/06/13 19:40	AMH	TAL BUF
Total/NA	Analysis	Moisture		1	132168	08/02/13 20:23	GTG	TAL BUF

Client Sample ID: SB-06

Date Collected: 08/01/13 11:05

Date Received: 08/02/13 02:30

Lab Sample ID: 480-43050-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			132336	08/05/13 09:45	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	132325	08/05/13 16:47	LCH	TAL BUF
Total/NA	Prep	3550B			132484	08/06/13 06:48	DLE	TAL BUF
Total/NA	Analysis	8270C		1	133038	08/09/13 10:26	ANM	TAL BUF
Total/NA	Prep	3050B			132523	08/06/13 10:50	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	132720	08/06/13 19:46	AMH	TAL BUF
Total/NA	Analysis	Moisture		1	132168	08/02/13 20:23	GTG	TAL BUF

Client Sample ID: GW-04

Date Collected: 08/01/13 11:30

Date Received: 08/02/13 02:30

Lab Sample ID: 480-43050-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132315	08/05/13 12:29	NQN	TAL BUF
Total/NA	Prep	3510C			132679	08/07/13 06:17	MCZ	TAL BUF
Total/NA	Analysis	8270C		1	132871	08/08/13 05:18	AR1	TAL BUF
Total/NA	Prep	3005A			132012	08/02/13 09:15	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	132208	08/02/13 19:42	LMH	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Client Sample ID: GW-06

Date Collected: 08/01/13 11:40

Date Received: 08/02/13 02:30

Lab Sample ID: 480-43050-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132315	08/05/13 12:54	NQN	TAL BUF
Total/NA	Prep	3510C			132679	08/07/13 06:17	MCZ	TAL BUF
Total/NA	Analysis	8270C		1	132871	08/08/13 05:45	AR1	TAL BUF
Total/NA	Prep	3005A			132012	08/02/13 09:15	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	132208	08/02/13 19:45	LMH	TAL BUF

Client Sample ID: Trip Blank TB-01

Date Collected: 08/01/13 00:00

Date Received: 08/02/13 02:30

Lab Sample ID: 480-43050-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132315	08/05/13 13:19	NQN	TAL BUF

Laboratory References:

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

Certification Summary

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-13 *
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13 *

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

Method Summary

Client: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
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: Greenstar Environmental Solutions, LLC
Project/Site: Poughkeepsie NY Phase 2 project

TestAmerica Job ID: 480-43050-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-43050-2	SB-02	Solid	08/01/13 09:25	08/02/13 02:30
480-43050-4	SB-04	Solid	08/01/13 10:35	08/02/13 02:30
480-43050-6	SB-06	Solid	08/01/13 11:05	08/02/13 02:30
480-43050-7	GW-04	Water	08/01/13 11:30	08/02/13 02:30
480-43050-8	GW-06	Water	08/01/13 11:40	08/02/13 02:30
480-43050-9	Trip Blank TB-01	Water	08/01/13 00:00	08/02/13 02:30

TestAmerica

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TAL-4124 (1007)

Client GREENSTAR		Project Manager P. Nimmer		Date 8/1/13		Chain of Custody Number 1 of 1	
Address 6 Gullatly DR.		Telephone Number/Area Code/Fax Number 917-655-5123		Lab Number		Page	
City WAPPINGERS FALLS		State NY		Zip Code 12590		Analysis (Attach list if more space is needed)	
Project Name and Location (State) INDOTRONIX		Site Contact P. Nimmer		Lab Contact		Special Instructions/ Conditions of Receipt	
Contract/Purchase Order/Quote No.		Carrier/Maybill Number					

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt				
			Air	Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH			ZnAc/ NaOH	Method		
SB-01	8/1/13	0905			X												
SB-02	8/1/13	0925			X												
SB-03	8/1/13	0955			X												
SB-04	8/1/13	1035			X												
SB-05	8/1/13	1015			X												
SB-06	8/1/13	1105			X												
GW-04	8/1/13	1130		X													
GW-06	8/1/13	1140		X													
Trip Blank TB-01	8/1/13	1100		X													

Possible Hazard Identification		Sample Disposal		QC Requirements (Specify)	
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☐ Unknown	☒ Disposal By Lab
Turn Around Time Required		Return To Client		Archive For	
☐ 24 Hours	☐ 48 Hours	☐ 7 Days	☐ 14 Days	☐ 21 Days	Months
1. Relinquished By		2. Relinquished By		3. Relinquished By	
Date 8/1/13		Date 8/1/13		Date 8/1/13	
Time 1350		Time 1350		Time 1520	
Date 8/1/13		Date 8/1/13		Date 8/1/13	
Time 1350		Time 1350		Time 1520	
Date 8/1/13		Date 8/1/13		Date 8/1/13	
Time 1350		Time 1350		Time 1520	

Comments

4.2 #1

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

Login Sample Receipt Checklist

Client: Greenstar Environmental Solutions, LLC

Job Number: 480-43050-1

Login Number: 43050

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	Greenstar
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	