

**NON-PETROLEUM CONTAMINANT TESTING  
RESULTS**

**Defense Fuel Support Point Norwalk  
15306 Norwalk Boulevard  
Norwalk, California 90650**

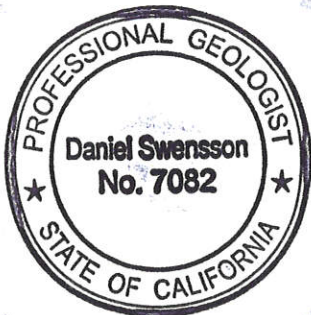
04-NDLA-007

Prepared For:



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October 26, 2015

Prepared By:

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Daniel Swensson, P.G. 7082  
Principal Geologist

Reviewed By:

A handwritten signature in blue ink, appearing to read "Neil Irish".

Neil Irish, P.G.  
Principal Geologist

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## 1.0 INTRODUCTION

This report documents the results testing for non-petroleum contaminants in soil at the Defense Fuel Support Point (DFSP) Norwalk site located at 15306 Norwalk Boulevard, in Norwalk, California 90650 (Site; Figure 1). Results for petroleum hydrocarbons and related volatile organic compounds (VOCs) in soil will be documented in separate reports. This report summarizes results for polychlorinated biphenyls (PCBs), semivolatile organic compounds (SVOCs), and metals. This report was prepared by The Source Group, Inc. (SGI), on behalf of the Defense Logistics Agency - Energy (DLA Energy).

The remediation of soil and groundwater and the removal of light non-aqueous phase liquids (LNAPL) has been on-going since 1995 and has resulted in the removal of the majority of the LNAPL from the shallow aquifer and the removal and destruction of thousands of pounds of hydrocarbons present in soil and groundwater using extractive and *in-situ* treatment methods. The primary sources of contamination (tanks and pipelines) associated with former DLA Energy operations have also been removed.

To implement additional source removal, DLA Energy is also conducting excavation of soil with on-site treatment. The soil removal and proposed confirmation sampling was proposed in SGI's *Soil Remediation Action Plan* (SGI, 2014), conditionally approved by the RWQCB on January 7, 2015.

The additional testing for non-petroleum contaminants described in this report was conducted to confirm the absence of significant concentrations of metals, SVOCs, and PCBs. The testing included a site-wide evaluation of metals concentrations at the site conducted by in-situ sampling prior to implementation of the soil removal and also included two episodes of sampling of soil piles representative of shallow soil across the site.

## 2.0 SAMPLE COLLECTION

### 2.1 2014 Metals Evaluation

Soil samples were collected for metals in July 2014 using a direct-push drill rig. A total of 82 soil samples were collected from 24 direct-push borings throughout the tank farm for metals evaluation. The reported concentrations were compared with California Human Health Screening Levels (CHHSLs). A copy of the summary report is provided in Appendix A.

### 2.2 2015 PCB and SVOC Evaluation

Soil samples for PCB and SVOC analysis were collected from stockpiled soil generated during remedial excavation. Samples were collected by hand-augering approximately 2 feet below the surface of the soil stockpiles. Soil stockpile locations are shown on Figure 2.

The sampling and results of the first set of samples collected in the eastern portion of the site were reported in the *Phase 1 Excavations and Stockpiles Confirmation Sampling Report* (SGI, July 14, 2015) as part of a request for soil re-use. These results are also presented in this report. The sampling of soil from the western portion of the site has not been previously reported and is presented in this report.

On July 1, 2015, soil samples were collected for analysis of PCBs and SVOCs from clean soil stockpiles CS-1-69A-M, CS-2A-143A-M, CS-10-46A-M, CS-12-236A-M, and CS-14-200A-M (one sample from each stockpile). On August 5, 2015, soil samples were collected for analysis of PCBs and SVOCs from western soil stockpiles CS-08-SP01-1, CS-09-SP01-2, CS-16-SP01-3, CS-18-SP01-4, CS-06-SP01-5, and CS-04-SP01-6 (one sample from each stockpile).

All samples were analyzed by State of California-certified American Analytics in Chatsworth, California. Laboratory reports for PCBs and SVOCs are provided in Appendix B.

## 3.0 RESULTS

### 3.1 Metals

Based upon evaluation of the analytical results for metals samples collected in July 2014, arsenic and cadmium were reported above their respective commercial/industrial CHHSLs (0.24 milligrams per kilogram [mg/kg] and 7.5 mg/kg, respectively), and arsenic, cadmium, and lead were reported above residential CHHSLs (0.07 mg/kg for arsenic, 1.7 mg/kg for cadmium, and 80 mg/kg for lead). Maximum concentrations reported in soil, CHHSLs, 95 percent upper confidence level of the mean (95UCL) of the respective data sets, and other criteria are summarized in Table 1.

Arsenic was reported in 80 of the 82 analyzed soil samples at concentrations ranging from 0.56 to 34 mg/kg. Only two arsenic concentrations exceeded the 12-mg/kg concentration accepted by the DTSC and other agencies for school and residential site usage for sites in Southern California. Although two of the 82 arsenic results were above 12-mg/kg, the 95 percent upper confidence level of the mean (95UCL) of the entire arsenic data set is 5.6 mg/kg, well below 12-mg/kg.

Cadmium was detected in only two of the 82 analyzed soil samples at 23 and 8.4 mg/kg, exceeding the 7.5-mg/kg commercial/industrial CHHSL for cadmium. Cadmium is not considered a contaminant of concern at DFSP Norwalk. The sample with the highest cadmium concentration (23 mg/kg) was collected at a depth of 5 feet below grade. The surface sample and three deeper soil samples collected at that location contained no detectable cadmium. The 5-foot sample was also tested for leachability by soluble threshold leachate concentration (STLC) and toxicity testing leachate potential (TCLP) procedures and the concentrations in the leachate were non-detect, indicating that cadmium does not pose a significant risk of impacting groundwater.

The maximum reported lead concentration was 206 mg/kg, well below the 320-mg/kg commercial/industrial CHHSL, but above the 80-mg/kg residential CHHSL. Only 14 of the shallow (0 to 5 feet bgs) samples exceeded the residential CHHSL. No deep (10 to 20 feet bgs) soil samples exceeded the residential or commercial/industrial CHHSLs. Further evaluation of the lead dataset indicated that the 95UCL concentration for shallow soil was 54 mg/kg, well below the both the residential and commercial/industrial CHHSLs. Based upon the 95UCL, residual lead concentrations in soil do not exceed either the commercial/industrial or residential CHHSLs.

### 3.2 PCBs and SVOCs

PCBs and SVOCs were not detected at or above laboratory reporting limits in any of the analyzed samples. See Table 2 and Table 3 for laboratory reporting limits. Analytical results are summarized in Table 2 (PCBs) and Table 3 (SVOCs). Laboratory reports are provided in Appendix B.

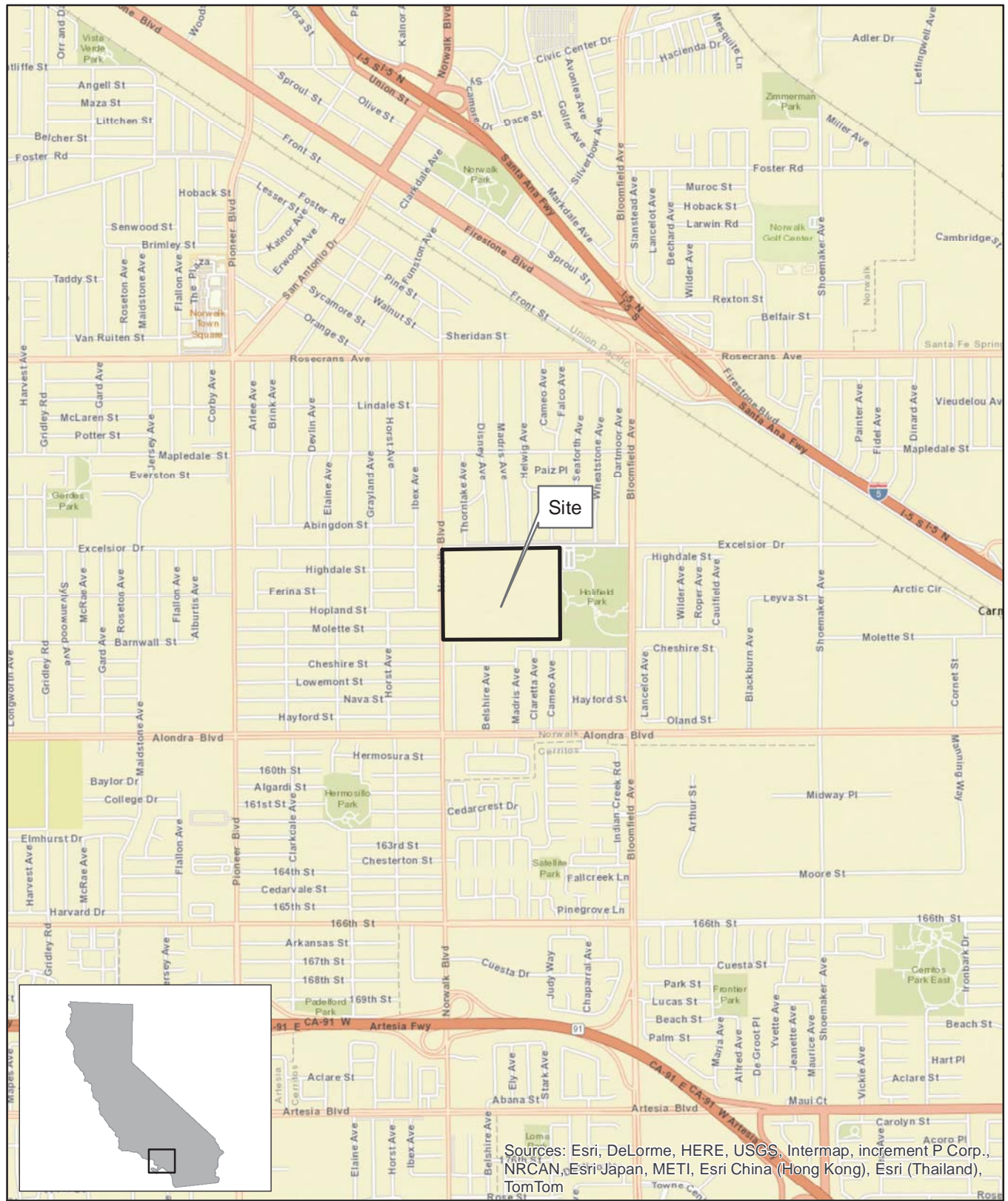
## 4.0 SUMMARY

Soil samples were collected from locations throughout the Site in July 2014 for metals analysis, and evaluation of the results indicated no metal concentrations of concern when compared to screening levels for a commercial or residential use and when evaluated for potential impact to groundwater.

Soil samples were collected from several soil stockpiles representing the eastern and western portions of the site and submitted for analysis of PCBs and SVOCs. PCBs and SVOCs were not detected at or above laboratory reporting limits in any of the analyzed soil samples, indicating that these compounds are not a concern at this site.

## FIGURES





Sources: Esri, DeLorme, HERE, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom

SOURCE:  
 ESRI 7.5 MINUTE TOPOGRAPHIC MAP.  
<http://resources.esri.com/arcgisonline/services>

PROJECT NO.:	DATE:	DR. BY:	APP. BY:
04-NDLA-001	5/28/2014	JK	PP

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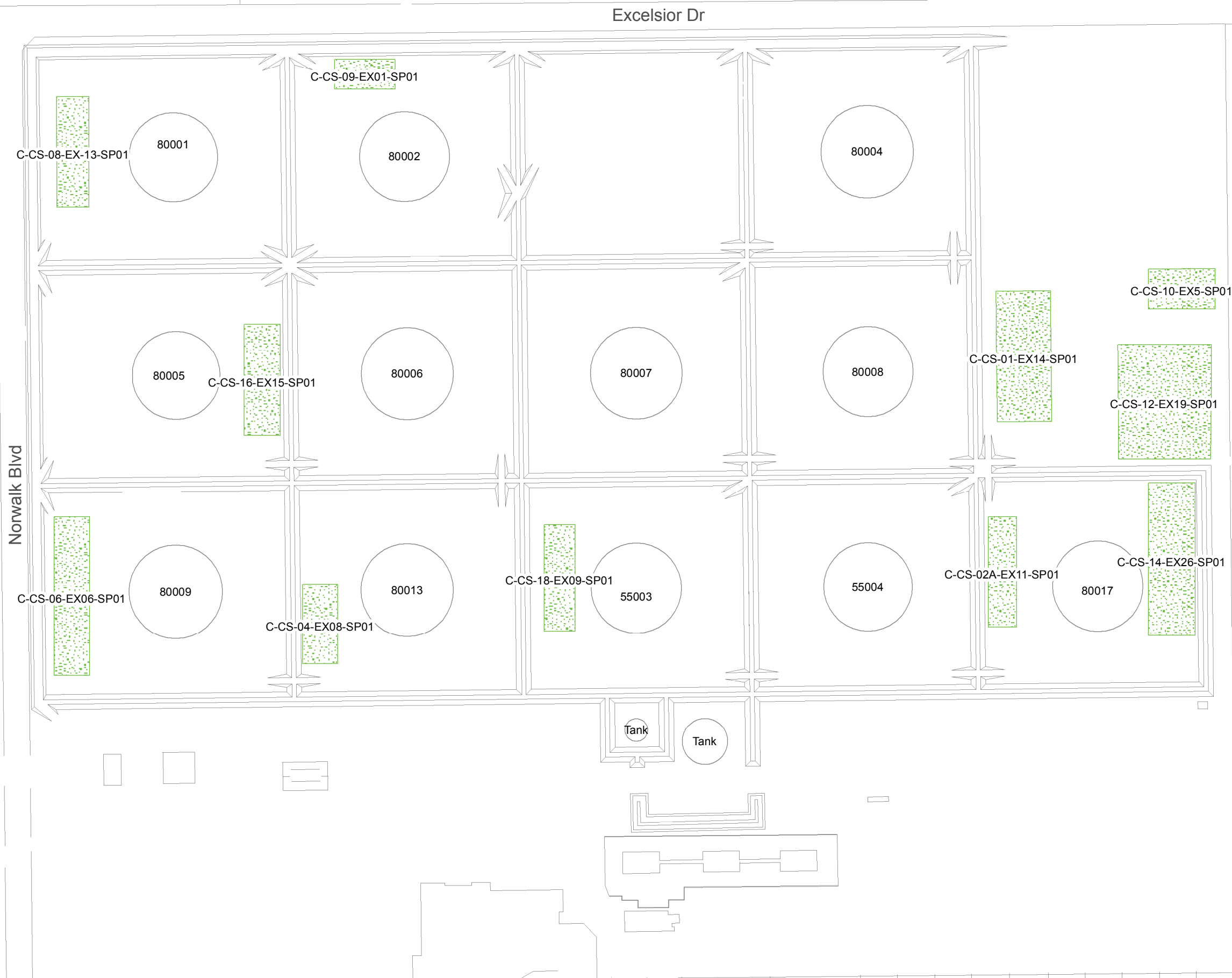


FIGURE  
1



**SGI** THE SOURCE GROUP, INC.  
 environmental  
 1962 FREEMAN AVENUE  
 SIGNAL HILL, CA 90755  
 (562) 597-1055

**DEFENSE FUEL SUPPORT POINT  
 NORWALK**  
 15306 NORWALK BOULEVARD  
 NORWALK, CALIFORNIA

**SITE LOCATION MAP**



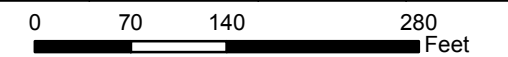
**Legend**

-  Former Above Ground Storage Tanks
-  Clean Soil Pile



**DFSP Norwalk**  
 15306 Norwalk Boulevard  
 Norwalk, California

Project Number:	Date:	Drawn By:	Approved By:
04-NDLA-007	06/18/2015	S. McDowell	P. Parmentier



**Locations of SVOCs and PCB Samples**

**SGI** environmental  
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**Figure**  
**2**

## TABLES

**TABLE 1**  
**EVALUTION OF METALS REPORTED ABOVE CHHSLs IN SOIL**  
 DFSP Norwalk  
 15306 Norwalk Boulevard, Norwalk, California 90650

<b>Analyte</b>	<b>Maximum Concentration in Soil (mg/kg)</b>	<b>95UCL Concentration (mg/kg)</b>	<b>Residential CHHSL (mg/kg)</b>	<b>Commercial/Industrial CHHSL (mg/kg)</b>	<b>Other Criteria (mg/kg)</b>
Arsenic	34	5.6	0.07	0.24	12*
Cadmium	23	2.0**	1.7	7.5	-----
Lead	206	54	80	320	-----

Notes: CHHSLs = California Human Health Screening Levels (CalEPA, 2009)  
 95UCL = the 95% upper confidence level of the mean  
 mg/kg = milligrams per kilogram  
 \* Regulatory-approved concentration for arsenic in soil at Southern California school sites.  
 \*\* 95UCL for cadmium was based upon only 2 detections out of 82 sample results.

**TABLE 2**  
**POLYCHLORINATED BIPHENYLS IN SOIL**  
 Defence Fuel Support Point Norwalk  
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Date Sampled	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)
CS-1-69A-M	7/1/2015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
CS-2A-143A-M	7/1/2015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
CS-10-46A-M	7/1/2015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
CS-12-236A-M	7/1/2015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
CS-14-200A-M	7/1/2015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
CS-08-SP01-1	8/5/2015	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
CS-09-SO01-2	8/5/2015	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
CS-16-SP01-3	8/5/2015	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
CS-18-SP01-4	8/5/2015	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
CS-06-SP01-5	8/5/2015	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
CS-04-SP01-6	8/5/2015	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

Notes: mg/kg = milligrams per kilogram  
 <0.0020 = not detected at or above the indicated laboratory reporting limit

**TABLE 3**  
**SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL**  
 Defence Fuel Support Point Norwalk  
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Date Sampled	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naphthalene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)
CS-1-69A-M	7/1/2015	<0.025	<0.025	<0.020	<0.030	<0.020	<0.030	<0.025	<0.015	<0.025	<0.050	<0.025	<0.025	<0.10	<0.020	<0.015	<0.020
CS-2A-143A-M	7/1/2015	<0.0050	<0.0050	<0.0040	<0.0060	<0.0040	<0.0060	<0.0050	<0.0030	<0.0050	<0.010	<0.0050	<0.0050	<0.020	<0.0040	<0.0030	<0.0040
CS-10-46A-M	7/1/2015	<0.25	<0.25	<0.20	<0.30	<0.20	<0.30	<0.25	<0.15	<0.25	<0.50	<0.25	<0.25	<1.0	<0.20	<0.15	<0.20
CS-12-236A-M	7/1/2015	<0.050	<0.050	<0.040	<0.060	<0.040	<0.060	<0.050	<0.030	<0.050	<0.10	<0.050	<0.050	<0.20	<0.040	<0.030	<0.040
CS-14-200A-M	7/1/2015	<0.0050	<0.0050	<0.0040	<0.0060	<0.0040	<0.0060	<0.0050	<0.0030	<0.0050	<0.010	<0.0050	<0.0050	<0.020	<0.0040	<0.0030	<0.0040
CS-08-SP01-1	8/5/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0
CS-09-SO01-2	8/5/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0
CS-16-SP01-3	8/5/2015	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50
CS-18-SP01-4	8/5/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0
CS-06-SP01-5	8/5/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0
CS-04-SP01-6	8/5/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0

Notes: mg/kg = milligrams per kilogram  
 <0.025 = not detected at or above the indicated laboratory reporting limit

**APPENDIX A**

**SEPTEMBER 15, 2014, *EVALUATION OF METALS IN SHALLOW SOIL***

DATE: September 15, 2014  
TO: Everett Bole, DLA Energy  
FROM: Paul Parmentier and Neil Irish, The Source Group, Inc.  
SUBJECT: **Evaluation of Metals in Shallow Soil  
DFSP Norwalk  
15306 Norwalk Boulevard, Norwalk, California**

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The Source Group, Inc. (SGI) conducted an investigation at the DFSP Norwalk facility located at 15306 Norwalk Boulevard, Norwalk, California (see Figure 1) to evaluate the metals in the shallow soils. Previous investigations had focused on total petroleum hydrocarbons (TPH). An investigation of lead was also conducted as part of tank demolition, when shallow soil samples were collected prior to and following the demolition of storage tanks at the site. Those samples had been collected in areas of potential impact from the demolition activities: alongside tanks and along pipeline routes. A preliminary review of these demolition soil samples indicated a 95-percent upper confidence limit (95UCL) of lead concentration in soil of 89 milligrams per kilogram (mg/kg), which was well below the California Human Health Screening Level (CHHSL) of 320 mg/kg for commercial/industrial exposure scenario, and only slightly higher than the CHHSL of 80 mg/kg for residential exposure scenario. Subsequently, a wider investigation was proposed to evaluate metal concentrations at the site, including California Assessment Manual (CAM) metals. The following discusses the investigation of metals in shallow soil.

### **Soil Boring and Sampling Methods and Procedures**

On July 14 and 15, 2014, SGI collected soil samples, backfilled, and restored the surface at 20 direct-push locations. Depending on the field conditions, four or five soil samples were collected from each location (see Figure 2) using a Geoprobe 6000 drill rig. Soil samples were collected at 0.5, 5, 10, and 20 feet below ground surface (bgs) and one sample was collected at 12 bgs. The locations were chosen to evaluate the possible presence metals throughout the site.

The 0.5-foot soil samples were collected manually in laboratory-supplied jars. The remaining soil samples were collected by an SGI Geologist in acetate sleeves, following appropriate decontamination procedures of the sampling equipment.

As the site has been previously investigated by multiple borings and Cone Penetrometer Testing (CPT), field observations were limited to general observations of lithology and to the presence of volatile organic compounds (VOCs) as measured using a portable photoionization Detector (PID). These field observations are reported in Appendix A, Table A 1. Samples were collected for metals analyses at the surface and at depths of 5, 10, 15 and 20 feet bgs. Samples with strong hydrocarbons odors or PID measurements over 50 parts per million (ppm) were also collected for TPH and VOC analyses.

The soil samples were placed on ice in a thermally insulated cooler and transported to American Analytics Laboratory located in Chatsworth, California, following chain-of-custody protocol. All soil samples were analyzed for Title 22 metals by USEPA Method 6010, and nine soil samples



were also analyzed for TPH by U.S. Environmental Protection Agency (USEPA) Method 8015 and volatile organic compounds (VOCs) by USEPA Method 8260B/5035. The analytical results are summarized in Tables 1, 2, and 3 and the laboratory analytical reports are provided in Appendix B.

After reaching total depth at each location, the boreholes were backfilled with hydrated granulated bentonite chips to grade. The investigation-derived waste (soil cuttings and decontamination water) was placed in United Nations (UN) rated 55-gallon steel drums, sealed, labeled, and stored onsite pending disposal.

### **Soil Boring Data Results and Findings**

A total of 82 soil samples were collected from 20 soil boring locations on July 14 and 15, 2014, and submitted for laboratory analysis. The metals, TPH, and VOC analytical results are summarized in Tables 1, 2, and 3, respectively. Pertinent findings/observations are noted below:

- Metals;
- TPH; and
- VOCs.

### Metals

To evaluate potential metals impacts in soil, the soil data was compared with CHHSLs. Under most circumstances, the presence of a chemical in soil, at concentrations below the corresponding CHHSLs can be assumed to not pose a significant health risk to people who may work (commercial/industrial CHHSLs) at the Site. Conversely, the presence of a chemical at concentrations in excess of a CHHSL does not indicate that adverse impacts to human health are occurring or will occur but rather suggests that further evaluation of impacts to human health concerns are warranted.

CHHSLs are based upon direct exposure to the soil contaminants via incidental ingestion, dermal contact and/or inhalation of vapors or dust in outdoor air. As such, they are limited in their applicability given the site-specific conditions whereby such exposure pathways are only likely to occur under a construction type of scenario if and when redevelopment activities are conducted at the Site. Table 2 summarizes the soil analytical results for metals in comparison to their respective CHHSLs. As Table 2 indicates, only arsenic and cadmium were detected above their respective commercial/industrial CHHSLs of 0.24 milligrams per kilogram (mg/kg) and 7.5 mg/kg, respectively. No other compounds were detected above their respective commercial/industrial CHHSLs.

Arsenic was detected in 80 of 82 soil samples, at concentrations ranging from 0.56 mg/kg to 34 mg/kg. Only two arsenic concentrations exceed the Southern California regional background arsenic concentration of 12 mg/kg that has been suggested as a useful risk management screening number by CalEPA Department of Toxic Substance Control (DTSC, Chernoff, Bosan, and Oudiz). Arsenic was detected at 5 feet bgs in soil sample DP-80007-1-5' and DP SW-1-5' at 34 mg/kg and 18 mg/kg, respectively. Although two of 82 arsenic concentrations are above the background concentration of 12 mg/kg, the 95 percent upper confidence level of the mean (95UCL) of the entire arsenic data set is 5.6 mg/kg, which is well below the background concentration of 12 mg/kg. If the arsenic data set is separated by depth the 95UCLs are 4.7 mg/kg at 0.5 feet bgs, 11 to 14 mg/kg at 5 feet bgs, 5.3 mg/kg at 10 feet bgs, and 5.3 to 5.4

mg/kg at 20 feet bgs. Although there are two locations with elevated arsenic, generally the arsenic at the Site is consistent with regional background concentrations.

Cadmium was detected in only two of 82 soil samples. Cadmium was detected at 5 feet and 20 feet bgs in soil samples DP-80001-1-5' and DP-80006-1-20' at 23 mg/kg and 8.4 mg/kg, respectively. These detected concentrations of cadmium are above the commercial/industrial CHHSL of 7.5 mg/kg.

For lead, the maximum detected concentration was 206 mg/kg. This concentration is well below the commercial/industrial CHHSL of 320 mg/kg, but above the residential CHHSL of 80 mg/kg. Only 14 of 92 shallow (0 to 5 feet bgs) soil samples had lead concentrations that exceeded the residential CHHSL. No deep (10 to 20 feet bgs) soil samples exceeded the residential or commercial/industrial CHHSL. Further evaluation of the lead dataset, indicated that the 95UCL concentration for shallow soil was 54 mg/kg, which is well below both the residential and commercial/industrial CHHSL. Based on the 95UCL, residual lead concentrations in soil do not exceed either the commercial/industrial or residential CHHSL.

### **TPH and VOCs**

The TPH results indicate only one sample with concentrations over the site specific cleanup goal: sample DP-55004-2-20' contained 2,700 mg/kg TPH. This boring is located in an area of known contamination targeted for remediation.

### **Waste Classification**

Lead was the only metal with concentrations greater than 10 times the soluble threshold limit concentration (STLC) limit. The STLC for lead is 5 mg/L; therefore, a STLC extraction was performed on samples with lead concentrations greater than 50 mg/kg. Lead concentrations were greater than 50 mg/kg in 4 samples (DP-NE-2-SURFACE, DP-55004-1-SURFACE, DP-80004-1-surface, and DP-80004-1-5'). The STLC extraction results ranged from 1.1 milligrams per liter (mg/L) to 3.7 mg/L. Testing for soluble concentrations of Cd in sample DP-80001-1-5' indicated no detectable STLC concentration. Therefore, soil is not considered hazardous waste under state regulations (Title 22 of the California Code of Regulations).

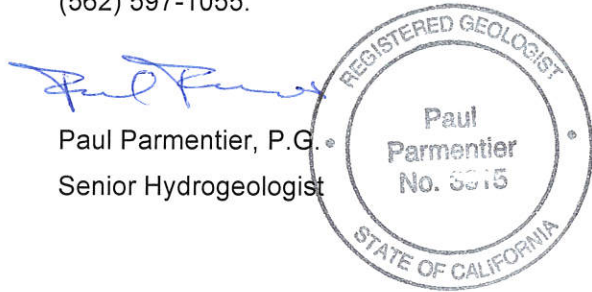
### **Conclusions**

During this Site investigation, SGI completed 20 soil borings, and collected 82 discrete soil samples from depths ranging from 0.5 to 20 feet bgs. The investigation results indicate the following:

- Arsenic and cadmium were detected above their respective commercial/industrial CHHSLs of 0.24 milligrams per kilogram (mg/kg) and 7.5 mg/kg, respectively.
- Only two arsenic concentrations (sample DP-80007-1-5' at 34 mg/kg and sample DP SW-1-5' at 18 mg/kg) were above the Southern California regional background arsenic concentration of 12 mg/kg. The 95UCL of the entire arsenic data set is 5.6 mg/kg. In general, the arsenic at the Site is consistent with regional background concentrations.
- Cadmium was detected in only two of 82 soil samples (DP-80001-1-5' at 23 mg/kg and DP-80006-1-20' at 8.4 mg/kg). Cadmium impacts are very localized at the Site.
- Lead concentrations in shallow soil are below the commercial/industrial CHHSL. Lead concentrations in deep soil are below both the residential and commercial/industrial CHHSLs. The 95UCL concentrations of lead in shallow and deep soil of 50 mg/kg and 6 mg/kg, respectively, are well below both the residential and commercial/industrial CHHSLs.

Based on this evaluation of metals in shallow soil, metals are not contaminants of concern at the Site.

If you require additional information about this metals investigation, please contact me at (562) 597-1055.



**Enclosures:**

**Tables:**

- Table 1: Analytical Results for Metals in Shallow Soil - 2014
- Table 2: Analytical Results for Total Recoverable Petroleum Hydrocarbons in Shallow Soil - 2014
- Table 3: Analytical Results for Volatile Organic Compounds in Shallow Soil - 2014

**Figures:**

- Figure 1: Site Location Map
- Figure 2: Soil Sample Location Map for Metals Analyses

**Appendices:**

- Appendix A: Bore Logs
- Appendix B: Laboratory Report

**TABLE 1**  
**ANALYTICAL RESULTS FOR METALS IN SHALLOW SOIL - JULY 2014**  
 DFSP Norwalk  
 15306 Norwalk Boulevard, Norwalk, California

Sample ID	Sample Depth (ft bgs)	Date Sampled	Sb (mg/kg)	As (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Co (mg/kg)	Cu (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Mo (mg/kg)	Ni (mg/kg)	Se (mg/kg)	Ag (mg/kg)	Tl (mg/kg)	V (mg/kg)	Zn (mg/kg)
TTL C:			500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
10 x STLC:			150	50	1,000	7.5	10	50	800	250	50	2	3,500	200	10	50	70	240	2,500
Commercial/Industrial CHHSL:			380	0.24	63,000	190	7.5	100,000 / 37 <sup>a</sup>	3,200	38,000	320	180	4,800	16,000	4,800	4,800	63	6,700	100,000
Other Criteria:			-----	12 <sup>*</sup>	-----	-----	-----	-----	-----	2,500 <sup>b</sup>	350 <sup>b</sup>	-----	-----	2,000 <sup>b</sup>	-----	-----	-----	-----	-----
DP-80001-1-SURFACE	Surface	7/14/2014	<10	5.2	68	<1.0	<1.0	14	12	46	8.3	0.023	<5.0	26	<0.50	<1.0	<5.0	27	95
DP-80001-1-5'	5	7/14/2014	<10	6.7	170	<1.0	23 STLC = <0.50 mg/L TCLP = <0.50 mg/L	12	32	54	<3.0	0.066	<5.0	19	<0.50	<1.0	<5.0	42	66
DP-80001-1-10'	10	7/14/2014	<10	6.8	110	<1.0	<1.0	19	10	24	3.4	0.074	<5.0	15	<0.50	<1.0	<5.0	39	59
DP-80001-1-15'	15	7/14/2014	<10	7.1	140	<1.0	<1.0	19	11	27	4.1	0.058	<5.0	16	<0.50	<1.0	<5.0	39	62
DP-80001-1-20'	20	7/14/2014	<10	4.4	95	<1.0	<1.0	16	8.9	21	4.3	0.036	<5.0	13	<0.50	<1.0	<5.0	33	48
DP-80002-1-SURFACE	Surface	7/14/2014	<10	4.8	110	<1.0	<1.0	19	8.3	22	20	0.040	<5.0	13	<0.50	<1.0	<5.0	35	56
DP-80002-1-5'	5	7/14/2014	<10	2.5	100	<1.0	<1.0	17	10	25	3.0	0.088	<5.0	15	<0.50	<1.0	<5.0	40	56
DP-80002-1-10'	10	7/14/2014	<10	4.2	89	<1.0	<1.0	15	8.3	19	3.2	0.039	<5.0	12	<0.50	<1.0	<5.0	33	47
DP-80002-1-20'	20	7/14/2014	<10	6.2	180	<1.0	<1.0	27	14	35	6.7	0.130	<5.0	22	<0.50	<1.0	<5.0	43	71
DP-80005-1-SURFACE	Surface	7/14/2014	<10	5.4	110	<1.0	<1.0	24	8.2	23	29	0.041	<5.0	13	<0.50	<1.0	<5.0	34	78
DP-80005-1-5'	5	7/14/2014	<10	3.0	120	<1.0	<1.0	16	9.1	21	<3.0	0.086	<5.0	13	<0.50	<1.0	<5.0	35	47
DP-80005-1-10'	10	7/14/2014	<10	2.7	87	<1.0	<1.0	13	7.8	18	<3.0	0.024	<5.0	10	<0.50	<1.0	<5.0	31	42
DP-80005-1-20'	20	7/14/2014	<10	0.93	38	<1.0	<1.0	8.9	4.5	8.2	<3.0	0.023	<5.0	5.4	<0.50	<1.0	<5.0	18	26
DP-80005-2-SURFACE	Surface	7/14/2014	<10	4.7	110	<1.0	<1.0	19	9.6	22	3.4	0.032	<5.0	14	<0.50	<1.0	<5.0	37	52
DP-80005-2-5'	5	7/14/2014	<10	11	200	<1.0	<1.0	23	13	36	4.8	0.059	<5.0	19	<0.50	<1.0	<5.0	44	62
DP-80005-2-10'	10	7/14/2014	<10	3.4	80	<1.0	<1.0	14	8.0	20	3.1	0.070	<5.0	11	<0.50	<1.0	<5.0	33	42
DP-80005-2-20'	20	7/14/2014	<10	3.7	47	<1.0	<1.0	8.5	5.0	8.3	<3.0	0.046	<5.0	5.8	<0.50	<1.0	<5.0	19	31
DP-80006-1-SURFACE	Surface	7/14/2014	<10	3.4	96	<1.0	<1.0	18	8.6	19	17	0.025	<5.0	13	<0.50	<1.0	<5.0	34	63
DP-80006-1-5'	5	7/14/2014	<10	6.6	180	<1.0	<1.0	24	13	40	15	0.100	<5.0	22	<0.50	<1.0	<5.0	47	67
DP-80006-1-10'	10	7/14/2014	<10	4.5	98	<1.0	<1.0	15	8.8	19	3.2	0.022	<5.0	12	<0.50	<1.0	<5.0	33	50
DP-80006-1-20'	20	7/14/2014	<10	3.1	58	<1.0	8.4	5.3	9.7	<3.0	<3.0	0.031	<5.0	6.1	<0.50	<1.0	<5.0	20	30
DP-80007-1-SURFACE	Surface	7/14/2014	<10	1.2	58	<1.0	<1.0	9.6	6.1	12	<3.0	0.035	<5.0	7.8	<0.50	<1.0	<5.0	23	37
DP-80007-1-5'	5	7/14/2014	<10	34	<10	<1.0	<1.0	5.2	3.5	6.7	<3.0	0.030	<5.0	3.4	<0.50	<1.0	<5.0	13	20
DP-80007-1-10'	10	7/14/2014	<10	5.5	200	<1.0	<1.0	23	12	39	6.1	0.240	<5.0	19	<0.50	<1.0	<5.0	42	62
DP-80007-1-20'	20	7/14/2014	<10	3.8	47	<1.0	<1.0	5.6	4.0	7.7	11	0.020	<5.0	4.6	<0.50	<1.0	<5.0	13	37
DP-80008-1-SURFACE	Surface	7/14/2014	<10	3.0	71	<1.0	<1.0	12	6.8	15	12	0.026	<5.0	9.3	<0.50	<1.0	<5.0	25	55
DP-80008-1-5'	5	7/14/2014	<10	1.2	28	<1.0	<1.0	5.0	<3.0	4.6	<3.0	<0.020	<5.0	<3.0	<0.50	<1.0	<5.0	13	16
DP-80008-1-10'	10	7/14/2014	<10	1.7	45	<1.0	<1.0	7.4	4.0	7.1	<3.0	0.680	<5.0	4.3	<0.50	<1.0	<5.0	14	26
DP-80008-1-20'	20	7/14/2014	<10	6.0	110	<1.0	<1.0	15	8.7	22	3.4	0.050	<5.0	14	<0.50	<1.0	<5.0	32	43

**TABLE 1**  
**ANALYTICAL RESULTS FOR METALS IN SHALLOW SOIL - JULY 2014**  
 DFSP Norwalk  
 15306 Norwalk Boulevard, Norwalk, California

Sample ID	Sample Depth (ft bgs)	Date Sampled	Sb (mg/kg)	As (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Co (mg/kg)	Cu (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Mo (mg/kg)	Ni (mg/kg)	Se (mg/kg)	Ag (mg/kg)	Tl (mg/kg)	V (mg/kg)	Zn (mg/kg)
TTL C:			500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
10 x STLC:			150	50	1,000	7.5	10	50	800	250	50	2	3,500	200	10	50	70	240	2,500
Commercial/Industrial CHSL:			380	0.24	63,000	190	7.5	100,000 / 37 <sup>a</sup>	3,200	38,000	320	180	4,800	16,000	4,800	4,800	63	6,700	100,000
Other Criteria:			-----	12 <sup>*</sup>	-----	-----	-----	-----	-----	2,500 <sup>b</sup>	350 <sup>b</sup>	-----	-----	2,000 <sup>b</sup>	-----	-----	-----	-----	-----
DP-EAST-1-SURFACE	Surface	7/14/2014	<10	3.6	79	<1.0	<1.0	14	7.2	16	6.5	0.021	<5.0	11	<0.50	<1.0	<5.0	28	50
DP-EAST-1-5'	5	7/14/2014	<10	2.4	49	<1.0	<1.0	7.8	4.9	9.0	<3.0	0.022	<5.0	5.8	<0.50	<1.0	<5.0	18	26
DP-EAST-1-10'	10	7/14/2014	<10	6.3	100	<1.0	<1.0	15	8.4	21	3.1	0.030	<5.0	12	<0.50	<1.0	<5.0	32	46
DP-EAST-1-20'	20	7/14/2014	<10	3.1	96	<1.0	<1.0	17	8.8	28	<3.0	0.026	<5.0	14	<0.50	<1.0	<5.0	32	46
DP-NE-1-SURFACE	Surface	7/14/2014	<10	6.0	97	<1.0	<1.0	16	9.1	22	32	0.039	<5.0	16	<0.50	<1.0	<5.0	34	65
DP-NE-1-5'	5	7/14/2014	<10	4.8	130	<1.0	<1.0	18	10	21	3.5	0.048	<5.0	15	<0.50	<1.0	<5.0	36	58
DP-NE-1-10'	10	7/14/2014	<10	9.0	160	<1.0	<1.0	24	13	37	5.8	0.048	<5.0	20	<0.50	<1.0	<5.0	49	74
DP-NE-1-20'	20	7/14/2014	<10	<0.50	38	<1.0	<1.0	6.6	4.1	7.7	<3.0	<0.020	<5.0	4.3	<0.50	<1.0	<5.0	14	26
DP-NE-2-SURFACE	Surface	7/14/2014	<10	4.7	68	<1.0	<1.0	13	6.3	19	69 STLC = 3.7 mg/L	0.081	<5.0	9.7	<0.50	<1.0	<5.0	25	84
DP-NE-2-5'	5	7/14/2014	<10	0.98	53	<1.0	<1.0	8.4	5.1	8.3	<3.0	<0.020	<5.0	6.9	<0.50	<1.0	<5.0	21	31
DP-NE-2-10'	10	7/14/2014	<10	1.6	43	<1.0	<1.0	7.3	4.8	8.6	<3.0	0.026	<5.0	5.7	<0.50	<1.0	<5.0	18	28
DP-NE-2-20'	20	7/14/2014	<10	2.0	49	<1.0	<1.0	8.1	5.5	9.7	<3.0	0.12	<5.0	6.5	<0.50	<1.0	<5.0	18	33
DP-55003-1-SURFACE	Surface	7/15/2014	<10	4.2	84	<1.0	<1.0	16	7.1	23	32	0.020	<5.0	11	<0.50	<1.0	<5.0	29	72
DP-55003-1-5'	5	7/15/2014	<10	1.4	60	<1.0	<1.0	12	6.1	13	5.3	0.030	<5.0	7.8	<0.50	<1.0	<5.0	27	35
DP-55003-1-10'	10	7/15/2014	<10	2.1	120	<1.0	<1.0	20	11	27	5.5	0.028	<5.0	16	<0.50	<1.0	<5.0	40	56
DP-55003-1-20'	20	7/15/2014	<10	2.8	180	<1.0	<1.0	34	13	38	29	0.030	<5.0	24	<0.50	<1.0	<5.0	47	69
DP-55004-1-SURFACE	Surface	7/15/2014	<10	2.9	78	<1.0	<1.0	16	7.7	18	61 STLC = 3.3 mg/L	<0.020	<5.0	12	<0.50	<1.0	<5.0	30	88
DP-55004-1-5'	5	7/15/2014	<10	1.4	28	<1.0	<1.0	8.3	3.1	5.6	5.2	0.020	<5.0	3.7	<0.50	<1.0	<5.0	13	21
DP-55004-1-10'	10	7/15/2014	<10	5.0	150	<1.0	<1.0	21	11	29	4.8	0.066	<5.0	17	<0.50	<1.0	<5.0	41	58
DP-55004-1-12'	12	7/15/2014	<10	6.6	100	<1.0	<1.0	17	9.3	20	<3.0	0.021	<5.0	13	<0.50	<1.0	<5.0	33	51
DP-55004-1-20'	20	7/15/2014	<10	4.9	110	<1.0	<1.0	16	8.6	19	3.8	0.024	<5.0	13	<0.50	<1.0	<5.0	41	47
DP-55004-2-SURFACE	Surface	7/15/2014	<10	2.0	60	<1.0	<1.0	11	7.7	19	3.7	0.034	<5.0	11	<0.50	<1.0	<5.0	26	41
DP-55004-2-5'	5	7/15/2014	<10	3.7	75	<1.0	<1.0	13	6.9	13	<3.0	<0.020	<5.0	8.7	<0.50	<1.0	<5.0	26	37
DP-55004-2-10'	10	7/15/2014	<10	4.0	110	<1.0	<1.0	18	10	22	<3.0	0.037	<5.0	15	<0.50	<1.0	<5.0	39	55
DP-55004-2-20'	20	7/15/2014	<10	1.6	61	<1.0	<1.0	6.5	4.7	8.4	<3.0	0.066	<5.0	5.0	<0.50	<1.0	<5.0	14	31
DP-80004-1-SURFACE	Surface	7/15/2014	<10	5.1	100	<1.0	<1.0	23	7.4	20	95 STLC = 1.1 mg/L	0.026	<5.0	12	<0.50	<1.0	<5.0	30	81
DP-80004-1-5'	5	7/15/2014	<10	5.6	130	<1.0	<1.0	25	9.9	24	63 STLC = 3.1 mg/L	0.054	<5.0	18	<0.50	<1.0	<5.0	38	68
DP-80004-1-10'	10	7/15/2014	<10	5.3	140	<1.0	<1.0	22	11	28	4.6	0.045	<5.0	17	<0.50	<1.0	<5.0	41	60
DP-80004-1-20'	20	7/15/2014	<10	5.0	130	<1.0	<1.0	23	12	29	4.3	<0.020	<5.0	19	<0.50	<1.0	<5.0	36	63

**TABLE 1**  
**ANALYTICAL RESULTS FOR METALS IN SHALLOW SOIL - JULY 2014**  
 DFSP Norwalk  
 15306 Norwalk Boulevard, Norwalk, California

Sample ID	Sample Depth (ft bgs)	Date Sampled	Sb (mg/kg)	As (mg/kg)	Ba (mg/kg)	Be (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Co (mg/kg)	Cu (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Mo (mg/kg)	Ni (mg/kg)	Se (mg/kg)	Ag (mg/kg)	Tl (mg/kg)	V (mg/kg)	Zn (mg/kg)
		TTL: 500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000	
		10 x STLC: 150	50	1,000	7.5	10	50	800	250	50	2	3,500	200	10	50	70	240	2,500	
		Commercial/Industrial CHHSL: 380	0.24	63,000	190	7.5	100,000 / 37 <sup>a</sup>	3,200	38,000	320	180	4,800	16,000	4,800	4,800	63	6,700	100,000	
		Other Criteria: -----	12*	-----	-----	-----	-----	-----	2,500 <sup>b</sup>	350 <sup>b</sup>	-----	-----	2,000 <sup>b</sup>	-----	-----	-----	-----	-----	
DP-80009-1-SURFACE	Surface	7/15/2014	<10	5.9	100	<1.0	<1.0	21	10	26	33	0.050	<5.0	15	<0.50	<1.0	<5.0	38	79
DP-80009-1-5'	5	7/15/2014	<10	6.9	160	<1.0	<1.0	23	13	29	3.6	0.031	<5.0	19	<0.50	<1.0	<5.0	47	71
DP-80009-1-10'	10	7/15/2014	<10	4.0	120	<1.0	<1.0	20	11	24	3.5	0.033	<5.0	15	<0.50	<1.0	<5.0	42	62
DP-80009-1-20'	20	7/15/2014	<10	4.4	170	<1.0	<1.0	26	14	33	5.8	<0.020	<5.0	21	<0.50	<1.0	<5.0	42	70
DP-80009-2-SURFACE	Surface	7/15/2014	<10	4.9	79	<1.0	<1.0	16	8.1	27	12	0.038	<5.0	15	<0.50	<1.0	<5.0	33	63
DP-80009-2-5'	5	7/15/2014	<10	6.1	140	<1.0	<1.0	18	10	24	3.6	0.031	<5.0	15	<0.50	<1.0	<5.0	38	55
DP-80009-2-10'	10	7/15/2014	<10	3.1	110	<1.0	<1.0	18	9.6	24	3.6	0.030	<5.0	14	<0.50	<1.0	<5.0	36	52
DP-80009-2-20'	20	7/15/2014	<10	12	140	<1.0	<1.0	24	13	38	5.5	0.050	<5.0	20	<0.50	<1.0	<5.0	45	68
DP-80013-1-SURFACE	Surface	7/15/2014	<10	0.56	120	<1.0	<1.0	24	11	38	13	0.026	<5.0	19	<0.50	<1.0	<5.0	42	81
DP-80013-1-5'	5	7/15/2014	<10	6.7	160	<1.0	<1.0	24	13	30	4.0	0.042	<5.0	19	<0.50	<1.0	<5.0	45	69
DP-80013-1-10'	10	7/15/2014	<10	5.2	150	<1.0	<1.0	19	11	27	3.5	0.033	<5.0	16	<0.50	<1.0	<5.0	40	61
DP-80013-1-20'	20	7/15/2014	<10	6.8	120	<1.0	<1.0	22	11	32	5.3	<0.020	<5.0	19	<0.50	<1.0	<5.0	43	60
DP-80017-1-SURFACE	Surface	7/15/2014	<10	4.7	120	<1.0	<1.0	17	10	25	7.5	0.038	<5.0	14	<0.50	<1.0	<5.0	37	59
DP-80017-1-5'	5	7/15/2014	<10	1.9	82	<1.0	<1.0	21	7.4	17	<3.0	0.024	<5.0	9.8	<0.50	<1.0	<5.0	27	40
DP-80017-1-10'	10	7/15/2014	<10	3.3	130	<1.0	<1.0	17	10	26	4.7	<0.020	<5.0	14	<0.50	<1.0	<5.0	36	50
DP-80017-1-20'	20	7/15/2014	<10	6.7	100	<1.0	<1.0	16	8.9	20	5.6	<0.020	<5.0	13	<0.50	<1.0	<5.0	34	49
DP-POWERINE-1-SURFACE	Surface	7/15/2014	<10	2.2	57	<1.0	<1.0	9.8	5.5	10	9.3	0.038	<5.0	7.2	<0.50	<1.0	<5.0	21	50
DP-POWERINE-1-5'	5	7/15/2014	<10	<0.50	30	<1.0	<1.0	5.9	4.1	6.7	<3.0	0.028	<5.0	4.7	<0.50	<1.0	<5.0	15	25
DP-POWERINE-1-10'	10	7/15/2014	<10	6.7	150	<1.0	<1.0	23	12	34	4.3	0.072	<5.0	19	<0.50	<1.0	<5.0	45	68
DP-POWERINE-1-20'	20	7/15/2014	<10	7.0	160	<1.0	<1.0	27	12	27	5.4	0.034	<5.0	19	<0.50	<1.0	<5.0	36	65
DP-SW-1-SURFACE	Surface	7/15/2014	<10	6.5	120	<1.0	<1.0	21	9.9	31	26	0.032	<5.0	16	<0.50	<1.0	<5.0	36	110
DP-SW-1-5'	5	7/15/2014	<10	18	180	<1.0	<1.0	23	13	30	4.3	0.054	<5.0	19	<0.50	<1.0	<5.0	47	72
DP-SW-1-10'	10	7/15/2014	<10	6.1	110	<1.0	<1.0	18	10	24	3.5	0.044	<5.0	15	<0.50	<1.0	<5.0	40	54
DP-SW-1-20'	20	7/15/2014	<10	1.3	62	<1.0	<1.0	11	6.6	11	<3.0	<0.020	<5.0	8.3	<0.50	<1.0	<5.0	25	39
<b>Range</b>			<10	<0.5 - 34	<10 - 200	<1.0	<1.0 - 23	5.0 - 34	<3.0 - 32	<3.0 - 54	<3.0 - 95	<0.02 - 0.68	<0.5	<3.0 - 26	<0.5	<1.0	<5.0	13 - 49	16 - 110
<b>Location and Depth of Max</b>				DP-80007-1-5': 34	DP-80007-1-10': 200 DP-80005-2-5': 200		DP-80001-1-5': 23	DP-55003-1-20': 34	DP-80001-1-5': 32	DP-80001-1-5': 54	DP-80004-1-SURFACE: 95	DP-80008-1-10': 0.68		DP-80001-1-SURFACE: 26				DP-NE-1-10': 49	DP-SW-1-SURFACE: 110

Notes: Red font indicates concentrations exceeds the commercial/industrial CHHSL.  
 a = CHHSL values are for chromium III / chromium VI  
 b = HSC 25157.8 (criteria for land disposal)  
 ft bgs = feet below ground surface  
 mg/kg = milligrams per kilogram  
 mg/L = milligrams per liter  
 TTLC = Total Threshold Limit Concentration  
 STLC = Soluble Threshold Limit Concentration  
 CHHSL = California Human Health Screening Level  
 ----- = not applicable  
 <10 = not detected at or above the indicated laboratory detection limit  
 Metals by EPA Method 6010B.  
 Mercury by EPA Method 7471A.  
 \* =DTSC has accepted 12 mg/kg as an acceptable background concentration for arsenic in soil at Southern Californian schools and that concentration is the screening level used at the site.

Sb = antimony  
 As = arsenic  
 Ba = barium  
 Be = beryllium  
 Cd = cadmium  
 Cr = chromium  
 Co = cobalt  
 Cu = copper  
 Pb = lead  
 Hg = mercury  
 Mo = molybdenum  
 Ni = nickel  
 Se = selenium  
 Ag = silver  
 Tl = thallium  
 V = vanadium  
 Zn = zinc

**TABLE 2**  
**ANALYTICAL RESULTS FOR CARBON CHAIN CHARACTERIZATION IN SHALLOW SOIL - JULY 2014**  
 DFSP Norwalk  
 15306 Norwalk Boulevard, Norwalk, California

Sample ID	Sample Depth (ft bgs)	Date Sampled	C6-C8 (mg/kg)	C8-C10 (mg/kg)	C10-C12 (mg/kg)	C12-C14 (mg/kg)	C14-C16 (mg/kg)	C16-C18 (mg/kg)	C18-C20 (mg/kg)	C20-C22 (mg/kg)	C22-C24 (mg/kg)	C24-C26 (mg/kg)	C26-C28 (mg/kg)	C28-C32 (mg/kg)	C32-C34 (mg/kg)	C34-C36 (mg/kg)	C36-C40 (mg/kg)	C40-C44 (mg/kg)	TPH (C6-C44) (mg/kg)	
RWQCB Soil Screening Levels:			100			100			1,000											
DP-80001-1-10'	10	7/14/2014	<1.0	<b>1.9</b>	<b>4.2</b>	<b>1.7</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DP-80001-1-15'	15	7/14/2014	<1.0	<1.0	<b>7.0</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DP-80001-1-20'	20	7/14/2014	<1.0	<b>4.7</b>	<b>13</b>	<b>5.7</b>	<b>1.8</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>25</b>
DP-55004-1-12'	12	7/15/2014	<b>8.4</b>	<b>1,300</b>	<b>560</b>	<b>380</b>	<b>150</b>	<b>110</b>	<b>51</b>	<b>39</b>	<b>20</b>	<b>14</b>	<b>15</b>	<b>16</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<b>2,700</b>
DP-55004-1-20'	20	7/15/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>1.1</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DP-55004-2-20'	20	7/15/2014	<1.0	<1.0	<1.0	<b>2.9</b>	<b>1.7</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DP-80004-1-SURFACE	Surface	7/15/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>2.3</b>	<b>5.9</b>	<b>4.6</b>	<b>6.1</b>	<b>9.7</b>	<b>22</b>	<b>5.2</b>	<b>4.7</b>	<b>3.7</b>	<b>1.1</b>	<b>65</b>	
DP-80009-2-10'	10	7/15/2014	<1.0	<1.0	<1.0	<b>1.8</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DP-80009-2-20'	20	7/15/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10

Notes:

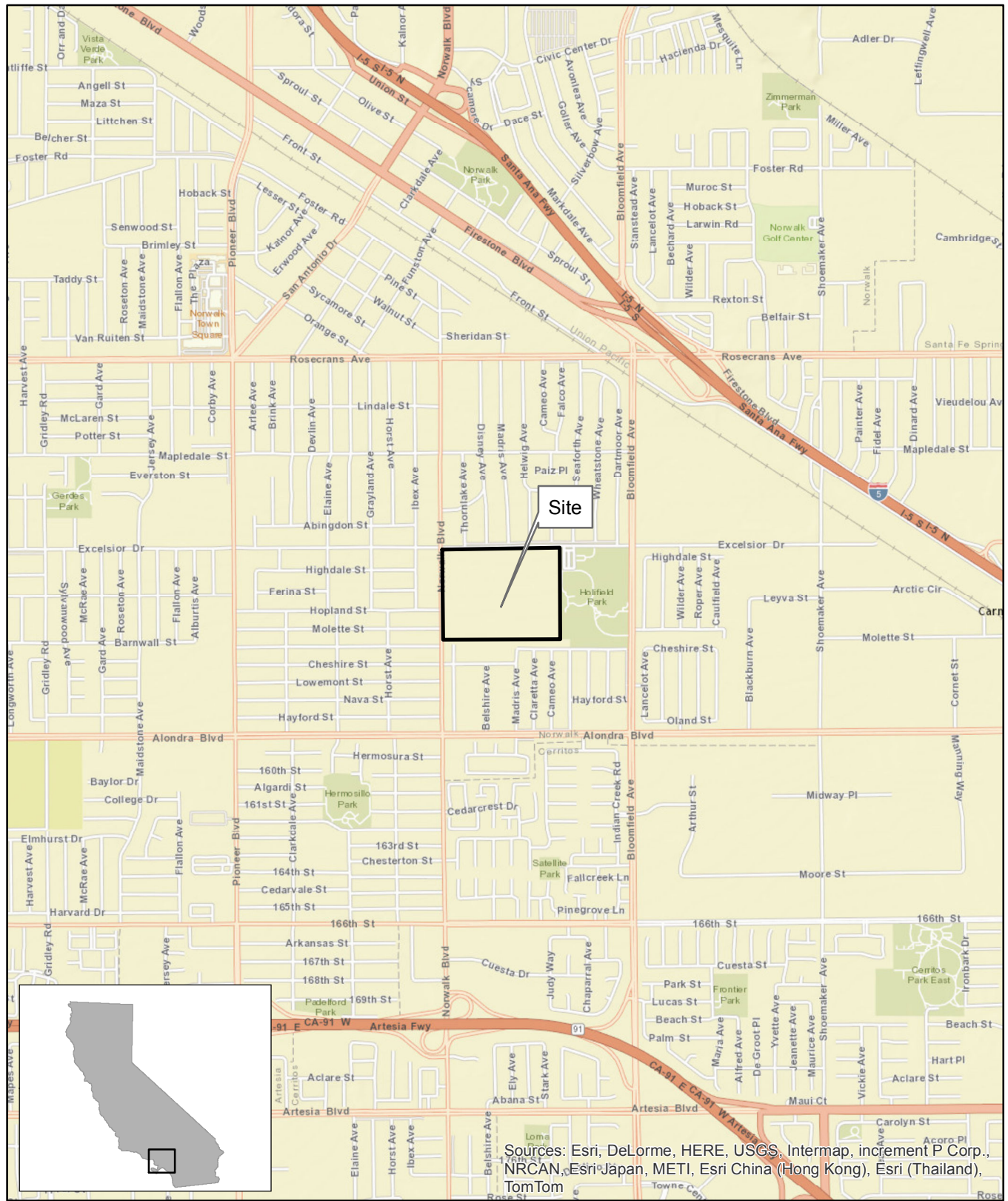
Detections are shown in **bold**.  
 ft bgs = feet below ground surface.  
 mg/kg = milligrams per kilogram  
 C6-C8 = carbon chains ranging from C6 through C8.  
 TPH = total petroleum hydrocarbons.  
 <1.0 = not detected at or above the indicated laboratory reporting limit.  
 Hydrocarbon Chain Identification by EPA Method 8015(M).

Gasoline Range Organics = C6-C10.  
 Diesel Range Organics = C10-C28.  
 Heavy Oil Range Organics = C28-C44.

na = not applicable.  
 RWQCB Guide 1996 screening levels; C4-C12= 100 mg/kg, C13-C22 = 100 mg/kg, C23-32 = 1,000 mg/kg.







Sources: Esri, DeLorme, HERE, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom

SOURCE:  
ESRI 7.5 MINUTE TOPOGRAPHIC MAP.  
<http://resources.esri.com/arcgisonline/services>

PROJECT NO.:	DATE:	DR. BY:	APP. BY:
04-NDLA-003	5/28/2014	JK	PP

SCALE= 1:24,000

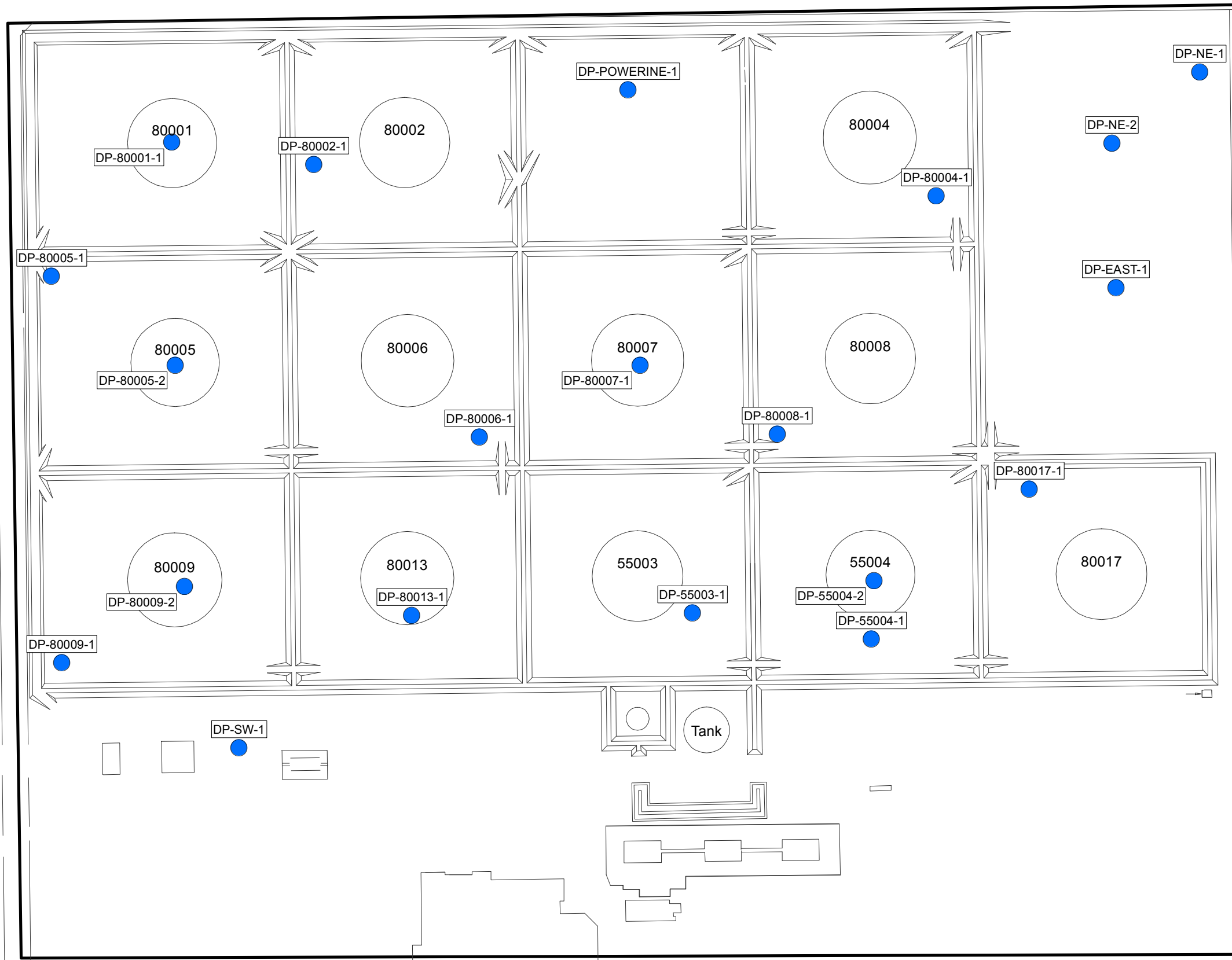


FIGURE  
1

**SGI** THE SOURCE GROUP, INC.  
environmental  
1962 FREEMAN AVENUE  
SIGNAL HILL, CA 90755  
(562) 597-1055

**DEFENSE FUEL SUPPORT POINT  
NORWALK**  
15306 NORWALK BOULEVARD  
NORWALK, CALIFORNIA

**SITE LOCATION MAP**



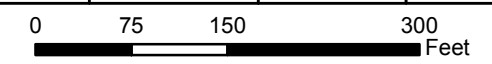
### Legend

- DP-NE-2
● Soil Sample Locations for Metal Analyses (SGI 2014)
- DFSP Site Boundary
- 80004 Location of Former Above Ground Storage Tank



**DFSP Norwalk**  
15306 Norwalk Boulevard  
Norwalk, California

Project Number:	Date:	Drawn By:	Approved By:
04-NDLA-001	7/29/2014	A. Czuba	P. Parmentier



### Soil Sample Location Map for Metal Analyses

**SGI** THE SOURCE GROUP, INC.  
environmental  
1962 Freeman Avenue  
Signal Hill, CA 90755  
(562) 597-1055

**Figure**  
**2**

TABLE A1: SOIL BORING OBSERVATIONS AND SAMPLING LOG  
 NORWALK DFSP SHALLOW SOIL METALS INVESTIGATION

Sample ID	Sample Depth (ft bgs)	Date Sampled	PID (ppm)	Comments Lithology: See note 1
DP-80001-1-SURFACE	0.5	7/14/2014	0.0	
DP-80001-1-5'	5-8	7/14/2014	0.0	Silt
DP-80001-1-10'	8-12	7/14/2014	84.3	VOC samples collected
DP-80001-1-15'	12-16	7/14/2014	245.0	VOC samples collected
DP-80001-1-20'	16-20	7/14/2014	5154.3	VOC samples collected/strong odor
DP-80002-1-SURFACE	0.5	7/14/2014	0.0	
DP-80002-1-5'	5-8	7/14/2014	0.0	
DP-80002-1-10'	8-12	7/14/2014	0.0	
None	12-16	7/14/2014	0.0	
DP-80002-1-20'	16-20	7/14/2014	0.0	Clay
DP-80005-1-SURFACE	0.5	7/14/2014	0.0	
DP-80005-1-5'	5-8	7/14/2014	0.0	
DP-80005-1-10'	8-12	7/14/2014	0.0	
None	12-16	7/14/2014	0.0	
DP-80005-1-20'	16-20	7/14/2014	0.0	
DP-80005-2-SURFACE	0.5	7/14/2014	0.0	
DP-80005-2-5'	5-8	7/14/2014	0.0	
DP-80005-2-10'	8-12	7/14/2014	0.0	
None	12-16	7/14/2014	0.0	
DP-80005-2-20'	16-20	7/14/2014	0.0	
DP-80006-1-SURFACE	0.5	7/14/2014	0.0	
DP-80006-1-5'	5-8	7/14/2014	0.0	Silt
DP-80006-1-10'	8-12	7/14/2014	0.0	
None	12-16	7/14/2014	0.0	
DP-80006-1-20'	16-20	7/14/2014	0.1	
DP-80007-1-SURFACE	0.5	7/14/2014	0.0	
DP-80007-1-5'	5-8	7/14/2014	7.5	
DP-80007-1-10'	8-12	7/14/2014	0.0	Silt
None	12-16	7/14/2014	0.0	
DP-80007-1-20'	16-20	7/14/2014	0.0	
DP-80008-1-SURFACE	0.5	7/14/2014	0.0	
DP-80008-1-5'	5-8	7/14/2014	0.0	
DP-80008-1-10'	8-12	7/14/2014	0.0	Silt
None	12-16	7/14/2014	4.5	
DP-80008-1-20'	16-20	7/14/2014	0.1	
DP-EAST-1-SURFACE	0.5	7/14/2014	0.0	
DP-EAST-1-5'	5-8	7/14/2014	0.1	
DP-EAST-1-10'	8-12	7/14/2014	N/A	
None	12-16	7/14/2014	0.0	
DP-EAST-1-20'	16-20	7/14/2014	0.0	
DP-NE-1-SURFACE	0.5	7/14/2014	0.0	
DP-NE-1-5'	4-8	7/14/2014	0.4	
DP-NE-1-10'	8-12	7/14/2014	0.0	Silt
None	12-16	7/14/2014	0.0	
DP-NE-1-20'	16-20	7/14/2014	N/A	
DP-NE-2-SURFACE	0.5	7/14/2014	0.4	
DP-NE-2-5'	4-8	7/14/2014	11.6	Slight odors
DP-NE-2-10'	8-12	7/14/2014	0.1	
None	12-16	7/14/2014	0.0	
DP-NE-2-20'	16-20	7/14/2014	0.0	
DP-55003-1-SURFACE	0.5	7/15/2014	0.0	
DP-55003-1-5'	5-8	7/15/2014	1.7	
DP-55003-1-10'	8-12	7/15/2014	0.0	Silt
None	12-16	7/15/2014	0.0	
DP-55003-1-20'	16-20	7/15/2014	0.0	Clay
DP-55004-1-SURFACE	0.5	7/15/2014	0.0	
DP-55004-1-5'	5-8	7/15/2014	0.0	
DP-55004-1-10'	8-12	7/15/2014	2.7	Silt
DP-55004-1-12'	12-16	7/15/2014	>15,000@12'/~384@16'	VOC samples collected/staining-strong odors

DP-55004-1-20'	16-20	7/15/2014	31.4	VOC samples collected
DP-55004-2-SURFACE	0.5	7/15/2014	0.0	
DP-55004-2-5'	5-8	7/15/2014	0.0	
DP-55004-2-10'	8-12	7/15/2014	0.0	
None	12-14.5	7/15/2014	32.5	
None	14.5-16	7/15/2014	4.7	Silt
DP-55004-2-20'	16-20	7/15/2014	246.1	VOC samples collected
DP-80004-1-SURFACE	0.5	7/15/2014	175.4	VOC samples collected
DP-80004-1-5'	5-8	7/15/2014	1.3	
DP-80004-1-10'	8-12	7/15/2014	0.0	
None	12-16	7/15/2014	0.0	
None	16-19	7/15/2014	0.0	
DP-80004-1-20'	19-20	7/15/2014	0.0	Silty clay
DP-80009-1-SURFACE	0.5	7/15/2014	0.0	
DP-80009-1-5'	5-8	7/15/2014	0.0	
DP-80009-1-10'	8-12	7/15/2014	0.0	
None	12-16	7/15/2014	0.0	
None	16-18	7/15/2014	0.0	
DP-80009-1-20'	18-20	7/15/2014	0.0	
DP-80009-2-SURFACE	0.5	7/15/2014	0.0	
DP-80009-2-5'	5-8	7/15/2014	0.0	
DP-80009-2-10'	8-12	7/15/2014	179.2	VOC samples collected/slight odors
None	12-16	7/15/2014	224.5	
DP-80009-2-20'	16-20	7/15/2014	57.3	VOC samples collected/slight odors
DP-80013-1-SURFACE	0.5	7/15/2014	0.0	
DP-80013-1-5'	5-8	7/15/2014	10.3	
DP-80013-1-10'	8-12	7/15/2014	0.0	
None	12-16	7/15/2014	0.0	
None	16-18	7/15/2014	0.0	
DP-80013-1-20'	18-20	7/15/2014	0.0	Silt
DP-80017-1-SURFACE	0.5	7/15/2014	0.0	
DP-80017-1-5'	5-8	7/15/2014	0.0	
DP-80017-1-10'	8-12	7/15/2014	0.0	
None	12-14	7/15/2014	0.0	
None	14-16	7/15/2014	0.0	
DP-80017-1-20'	16-20	7/15/2014	0.0	
DP-POWERINE-1-SURFACE	0.5	7/15/2014	0.0	
DP-POWERINE-1-5'	5-8	7/15/2014	0.0	
DP-POWERINE-1-10'	8-12	7/15/2014	0.0	
None	12-16	7/15/2014	0.0	
DP-POWERINE-1-20'	16-20	7/15/2014	0.0	
DP-SW-1-SURFACE	0.5	7/15/2014	0.0	
DP-SW-1-5'	5-8	7/15/2014	0.0	
DP-SW-1-10'	8-12	7/15/2014	0.0	
None	12-16	7/15/2014	0.0	
DP-SW-1-20'	16-20	7/15/2014	0.0	

Notes:

Lithology: generally sandy except where noted  
ft bgs = feet below ground surface  
ppm = parts per million  
PID = Photoionization Detector  
VOC = Volatile Organic Compound



9765 Eton Avenue  
Chatsworth  
California 91311  
Tel: (818) 998-5547  
Fax: (818) 998-7258

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September 04, 2014

Neil Irish

The Source Group, Inc. (SH)  
1962 Freeman Ave.  
Signal Hill, CA 90755

**Re : DFSP Norwalk / 04-NDLA-001  
A5331083 / 4G15004**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 07/15/14 10:35 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**8260B/5035 +OXY+TPHG**

DP-80001-1-10'	4G15004-39	Soil	5	07/14/14 14:30	07/15/14 10:35
DP-80001-1-15'	4G15004-40	Soil	5	07/14/14 14:37	07/15/14 10:35
DP-80001-1-20'	4G15004-41	Soil	5	07/14/14 14:47	07/15/14 10:35

**CAM Metals Less Hg 6000/7000**

DP-NE-1-SURFACE	4G15004-01	Soil	5	07/14/14 07:15	07/15/14 10:35
DP-NE-1-5'	4G15004-02	Soil	5	07/14/14 07:40	07/15/14 10:35
DP-NE-1-10'	4G15004-03	Soil	5	07/14/14 07:50	07/15/14 10:35
DP-NE-1-20'	4G15004-04	Soil	5	07/14/14 08:05	07/15/14 10:35
DP-NE-2-SURFACE	4G15004-05	Soil	5	07/14/14 08:15	07/15/14 10:35
DP-NE-2-5'	4G15004-06	Soil	5	07/14/14 08:40	07/15/14 10:35
DP-NE-2-10'	4G15004-07	Soil	5	07/14/14 08:46	07/15/14 10:35
DP-NE-2-20'	4G15004-08	Soil	5	07/14/14 08:55	07/15/14 10:35
DP-EAST-1-SURFACE	4G15004-09	Soil	5	07/14/14 09:15	07/15/14 10:35
DP-EAST-1-5'	4G15004-10	Soil	5	07/14/14 09:23	07/15/14 10:35
DP-EAST-1-10'	4G15004-11	Soil	5	07/14/14 09:30	07/15/14 10:35
DP-EAST-1-20'	4G15004-12	Soil	5	07/14/14 09:47	07/15/14 10:35
DP-80008-1-SURFACE	4G15004-13	Soil	5	07/14/14 10:10	07/15/14 10:35
DP-80008-1-5'	4G15004-14	Soil	5	07/14/14 10:19	07/15/14 10:35

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
DP-80008-1-10'	4G15004-15	Soil	5	07/14/14 10:25	07/15/14 10:35
DP-80008-1-20'	4G15004-16	Soil	5	07/14/14 10:40	07/15/14 10:35
DP-80007-1-SURFACE	4G15004-17	Soil	5	07/14/14 11:00	07/15/14 10:35
DP-80007-1-5'	4G15004-18	Soil	5	07/14/14 11:07	07/15/14 10:35
DP-80007-1-10'	4G15004-19	Soil	5	07/14/14 11:14	07/15/14 10:35
DP-80007-1-20'	4G15004-20	Soil	5	07/14/14 11:25	07/15/14 10:35
DP-80006-1-SURFACE	4G15004-21	Soil	5	07/14/14 11:35	07/15/14 10:35
DP-80006-1-5'	4G15004-22	Soil	5	07/14/14 11:43	07/15/14 10:35
DP-80006-1-10'	4G15004-23	Soil	5	07/14/14 11:50	07/15/14 10:35
DP-80006-1-20'	4G15004-24	Soil	5	07/14/14 12:05	07/15/14 10:35
DP-80005-2-SURFACE	4G15004-25	Soil	5	07/14/14 12:40	07/15/14 10:35
DP-80005-2-5'	4G15004-26	Soil	5	07/14/14 12:50	07/15/14 10:35
DP-80005-2-10'	4G15004-27	Soil	5	07/14/14 12:59	07/15/14 10:35
DP-80005-2-20'	4G15004-28	Soil	5	07/14/14 13:15	07/15/14 10:35
DP-80005-1-SURFACE	4G15004-29	Soil	5	07/14/14 13:19	07/15/14 10:35
DP-80005-1-5'	4G15004-30	Soil	5	07/14/14 13:35	07/15/14 10:35
DP-80005-1-10'	4G15004-31	Soil	5	07/14/14 13:41	07/15/14 10:35
DP-80005-1-20'	4G15004-32	Soil	5	07/14/14 13:52	07/15/14 10:35
DP-80002-1-SURFACE	4G15004-33	Soil	5	07/14/14 14:55	07/15/14 10:35
DP-80002-1-5'	4G15004-34	Soil	5	07/14/14 15:10	07/15/14 10:35

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
DP-80002-1-10'	4G15004-35	Soil	5	07/14/14 15:15	07/15/14 10:35
DP-80002-1-20'	4G15004-36	Soil	5	07/14/14 15:30	07/15/14 10:35
DP-80001-1-SURFACE	4G15004-37	Soil	5	07/14/14 14:05	07/15/14 10:35
DP-80001-1-5'	4G15004-38	Soil	5	07/14/14 14:21	07/15/14 10:35
DP-80001-1-10'	4G15004-39	Soil	5	07/14/14 14:30	07/15/14 10:35
DP-80001-1-15'	4G15004-40	Soil	5	07/14/14 14:37	07/15/14 10:35
DP-80001-1-20'	4G15004-41	Soil	5	07/14/14 14:47	07/15/14 10:35

**Carbon Chain Characterization 8015M**

DP-80001-1-10'	4G15004-39	Soil	5	07/14/14 14:30	07/15/14 10:35
DP-80001-1-15'	4G15004-40	Soil	5	07/14/14 14:37	07/15/14 10:35
DP-80001-1-20'	4G15004-41	Soil	5	07/14/14 14:47	07/15/14 10:35

**Mercury Total EPA 7470A/7471A**

DP-NE-1-SURFACE	4G15004-01	Soil	5	07/14/14 07:15	07/15/14 10:35
DP-NE-1-5'	4G15004-02	Soil	5	07/14/14 07:40	07/15/14 10:35
DP-NE-1-10'	4G15004-03	Soil	5	07/14/14 07:50	07/15/14 10:35
DP-NE-1-20'	4G15004-04	Soil	5	07/14/14 08:05	07/15/14 10:35
DP-NE-2-SURFACE	4G15004-05	Soil	5	07/14/14 08:15	07/15/14 10:35
DP-NE-2-5'	4G15004-06	Soil	5	07/14/14 08:40	07/15/14 10:35
DP-NE-2-10'	4G15004-07	Soil	5	07/14/14 08:46	07/15/14 10:35

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
DP-NE-2-20'	4G15004-08	Soil	5	07/14/14 08:55	07/15/14 10:35
DP-EAST-1-SURFACE	4G15004-09	Soil	5	07/14/14 09:15	07/15/14 10:35
DP-EAST-1-5'	4G15004-10	Soil	5	07/14/14 09:23	07/15/14 10:35
DP-EAST-1-10'	4G15004-11	Soil	5	07/14/14 09:30	07/15/14 10:35
DP-EAST-1-20'	4G15004-12	Soil	5	07/14/14 09:47	07/15/14 10:35
DP-80008-1-SURFACE	4G15004-13	Soil	5	07/14/14 10:10	07/15/14 10:35
DP-80008-1-5'	4G15004-14	Soil	5	07/14/14 10:19	07/15/14 10:35
DP-80008-1-10'	4G15004-15	Soil	5	07/14/14 10:25	07/15/14 10:35
DP-80008-1-20'	4G15004-16	Soil	5	07/14/14 10:40	07/15/14 10:35
DP-80007-1-SURFACE	4G15004-17	Soil	5	07/14/14 11:00	07/15/14 10:35
DP-80007-1-5'	4G15004-18	Soil	5	07/14/14 11:07	07/15/14 10:35
DP-80007-1-10'	4G15004-19	Soil	5	07/14/14 11:14	07/15/14 10:35
DP-80007-1-20'	4G15004-20	Soil	5	07/14/14 11:25	07/15/14 10:35
DP-80006-1-SURFACE	4G15004-21	Soil	5	07/14/14 11:35	07/15/14 10:35
DP-80006-1-5'	4G15004-22	Soil	5	07/14/14 11:43	07/15/14 10:35
DP-80006-1-10'	4G15004-23	Soil	5	07/14/14 11:50	07/15/14 10:35
DP-80006-1-20'	4G15004-24	Soil	5	07/14/14 12:05	07/15/14 10:35
DP-80005-2-SURFACE	4G15004-25	Soil	5	07/14/14 12:40	07/15/14 10:35
DP-80005-2-5'	4G15004-26	Soil	5	07/14/14 12:50	07/15/14 10:35
DP-80005-2-10'	4G15004-27	Soil	5	07/14/14 12:59	07/15/14 10:35

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
DP-80005-2-20'	4G15004-28	Soil	5	07/14/14 13:15	07/15/14 10:35
DP-80005-1-SURFACE	4G15004-29	Soil	5	07/14/14 13:19	07/15/14 10:35
DP-80005-1-5'	4G15004-30	Soil	5	07/14/14 13:35	07/15/14 10:35
DP-80005-1-10'	4G15004-31	Soil	5	07/14/14 13:41	07/15/14 10:35
DP-80005-1-20'	4G15004-32	Soil	5	07/14/14 13:52	07/15/14 10:35
DP-80002-1-SURFACE	4G15004-33	Soil	5	07/14/14 14:55	07/15/14 10:35
DP-80002-1-5'	4G15004-34	Soil	5	07/14/14 15:10	07/15/14 10:35
DP-80002-1-10'	4G15004-35	Soil	5	07/14/14 15:15	07/15/14 10:35
DP-80002-1-20'	4G15004-36	Soil	5	07/14/14 15:30	07/15/14 10:35
DP-80001-1-SURFACE	4G15004-37	Soil	5	07/14/14 14:05	07/15/14 10:35
DP-80001-1-5'	4G15004-38	Soil	5	07/14/14 14:21	07/15/14 10:35
DP-80001-1-10'	4G15004-39	Soil	5	07/14/14 14:30	07/15/14 10:35
DP-80001-1-15'	4G15004-40	Soil	5	07/14/14 14:37	07/15/14 10:35
DP-80001-1-20'	4G15004-41	Soil	5	07/14/14 14:47	07/15/14 10:35

**Metals STLC**

DP-NE-2-SURFACE	4G15004-05	Soil	5	07/14/14 08:15	07/15/14 10:35
DP-80001-1-5'	4G15004-38	Soil	5	07/14/14 14:21	07/15/14 10:35

**Metals TCLP**

DP-80001-1-5'	4G15004-38	Soil	5	07/14/14 14:21	07/15/14 10:35
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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/18/14	07/18/14	07/18/14	
<b>Date Analyzed:</b>	07/18/14	07/18/14	07/18/14	
<b>AA ID No:</b>	4G15004-39	4G15004-40	4G15004-41	
<b>Client ID No:</b>	DP-80001-1-10'	DP-80001-1-15'	DP-80001-1-20'	
<b>Matrix:</b>	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<5.8	<5.2	<b>0.35</b>	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<b>0.040</b>	<b>0.075</b>	<b>0.016</b>	0.0020
Bromobenzene	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<5.8	<5.2	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.52	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<b>0.011</b>	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/18/14	07/18/14	07/18/14	
<b>Date Analyzed:</b>	07/18/14	07/18/14	07/18/14	
<b>AA ID No:</b>	4G15004-39	4G15004-40	4G15004-41	
<b>Client ID No:</b>	DP-80001-1-10'	DP-80001-1-15'	DP-80001-1-20'	
<b>Matrix:</b>	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<b>0.020</b>	<b>0.039</b>	<b>0.037</b>	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<b>8.1 [2]</b>	<b>7.6 [2]</b>	<b>12 [2]</b>	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<5.8	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<b>0.0081</b>	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<b>0.0058</b>	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<5.8	<5.2	<0.050	0.050
Naphthalene	<0.010	<0.010	<b>0.030</b>	0.010
n-Propylbenzene	<0.0050	<0.0050	<b>0.013</b>	0.0050

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/18/14	07/18/14	07/18/14	
<b>Date Analyzed:</b>	07/18/14	07/18/14	07/18/14	
<b>AA ID No:</b>	4G15004-39	4G15004-40	4G15004-41	
<b>Client ID No:</b>	DP-80001-1-10'	DP-80001-1-15'	DP-80001-1-20'	
<b>Matrix:</b>	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<b>0.71</b>	<b>0.88</b>	<b>0.086</b>	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<b>0.039</b>	0.0050
1,2,4-Trimethylbenzene	<b>0.0086</b>	<b>0.014</b>	<b>0.11</b>	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<b>0.055</b>	<b>0.086</b>	<b>0.065</b>	0.0020
m,p-Xylenes	<b>0.13</b>	<b>0.20</b>	<b>0.17</b>	0.0020

<b>Surrogates</b>				<b>%REC Limits</b>
4-Bromofluorobenzene	94%	91%	89%	70-140
Dibromofluoromethane	103%	104%	97%	70-140
Toluene-d8	108%	111%	102%	70-140

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/18/14	07/18/14	07/18/14	
<b>Date Analyzed:</b>	07/20/14	07/20/14	07/20/14	
<b>AA ID No:</b>	4G15004-39	4G15004-40	4G15004-41	
<b>Client ID No:</b>	DP-80001-1-10'	DP-80001-1-15'	DP-80001-1-20'	
<b>Matrix:</b>	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	MRL

**Carbon Chain Characterization 8015M (EPA 8015M)**

C6-C8	<1.0	<1.0	<1.0	1.0
C8-C10	<b>1.9</b>	<1.0	<b>4.7</b>	1.0
C10-C12	<b>4.2</b>	<b>7.0</b>	<b>13</b>	1.0
C12-C14	<b>1.7</b>	<1.0	<b>5.7</b>	1.0
C14-C16	<1.0	<1.0	<b>1.8</b>	1.0
C16-C18	<1.0	<1.0	<1.0	1.0
C18-C20	<1.0	<1.0	<1.0	1.0
C20-C22	<1.0	<1.0	<1.0	1.0
C22-C24	<1.0	<1.0	<1.0	1.0
C24-C26	<1.0	<1.0	<1.0	1.0
C26-C28	<1.0	<1.0	<1.0	1.0
C28-C32	<1.0	<1.0	<1.0	1.0
C32-C34	<1.0	<1.0	<1.0	1.0
C34-C36	<1.0	<1.0	<1.0	1.0
C36-C40	<1.0	<1.0	<1.0	1.0
C40-C44	<1.0	<1.0	<1.0	1.0
TPH (C6-C44)	<10	<10	<b>25</b>	10

<b>Surrogates</b>				<b>%REC Limits</b>
o-Terphenyl	100%	110%	107%	50-150

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-01	4G15004-02	4G15004-03	4G15004-04	
<b>Client ID No:</b>	DP-NE-1-SURFA CE	DP-NE-1-5'	DP-NE-1-10'	DP-NE-1-20'	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)**

Antimony	<10	<10	<10	<10	10
Arsenic	<b>6.0</b>	<b>4.8</b>	<b>9.0</b>	<0.50	0.50
Barium	<b>97</b>	<b>130</b>	<b>160</b>	<b>38</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	<b>16</b>	<b>18</b>	<b>24</b>	<b>6.6</b>	3.0
Cobalt	<b>9.1</b>	<b>10</b>	<b>13</b>	<b>4.1</b>	3.0
Copper	<b>22</b>	<b>21</b>	<b>37</b>	<b>7.7</b>	3.0
Lead	<b>32</b>	<b>3.5</b>	<b>5.8</b>	<3.0	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>16</b>	<b>15</b>	<b>20</b>	<b>4.3</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>34</b>	<b>36</b>	<b>49</b>	<b>14</b>	10
Zinc	<b>65</b>	<b>58</b>	<b>74</b>	<b>26</b>	3.0

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-05	4G15004-06	4G15004-07	4G15004-08	
<b>Client ID No:</b>	DP-NE-2-SURFA	DP-NE-2-5'	DP-NE-2-10'	DP-NE-2-20'	
	CE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)**

Antimony	<10	<10	<10	<10	10
Arsenic	<b>4.7</b>	<b>0.98</b>	<b>1.6</b>	<b>2.0</b>	0.50
Barium	<b>68</b>	<b>53</b>	<b>43</b>	<b>49</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	<b>13</b>	<b>8.4</b>	<b>7.3</b>	<b>8.1</b>	3.0
Cobalt	<b>6.3</b>	<b>5.1</b>	<b>4.8</b>	<b>5.5</b>	3.0
Copper	<b>19</b>	<b>8.3</b>	<b>8.6</b>	<b>9.7</b>	3.0
Lead	<b>69</b>	<3.0	<3.0	<3.0	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>9.7</b>	<b>6.9</b>	<b>5.7</b>	<b>6.5</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>25</b>	<b>21</b>	<b>18</b>	<b>18</b>	10
Zinc	<b>84</b>	<b>31</b>	<b>28</b>	<b>33</b>	3.0

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-09	4G15004-10	4G15004-11	4G15004-12	
<b>Client ID No:</b>	DP-EAST-1-SUR	DP-EAST-1-5'	DP-EAST-1-10'	DP-EAST-1-20'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)**

Antimony	<10	<10	<10	<10	10
Arsenic	<b>3.6</b>	<b>2.4</b>	<b>6.3</b>	<b>3.1</b>	0.50
Barium	<b>79</b>	<b>49</b>	<b>100</b>	<b>96</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	<b>14</b>	<b>7.8</b>	<b>15</b>	<b>17</b>	3.0
Cobalt	<b>7.2</b>	<b>4.9</b>	<b>8.4</b>	<b>8.8</b>	3.0
Copper	<b>16</b>	<b>9.0</b>	<b>21</b>	<b>28</b>	3.0
Lead	<b>6.5</b>	<3.0	<b>3.1</b>	<3.0	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>11</b>	<b>5.8</b>	<b>12</b>	<b>14</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>28</b>	<b>18</b>	<b>32</b>	<b>32</b>	10
Zinc	<b>50</b>	<b>26</b>	<b>46</b>	<b>46</b>	3.0

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-13	4G15004-14	4G15004-15	4G15004-16	
<b>Client ID No:</b>	DP-80008-1-SUR	DP-80008-1-5'	DP-80008-1-10'	DP-80008-1-20'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

#### CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)

Antimony	<10	<10	<10	<10	10
Arsenic	<b>3.0</b>	<b>1.2</b>	<b>1.7</b>	<b>6.0</b>	0.50
Barium	<b>71</b>	<b>28</b>	<b>45</b>	<b>110</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	<b>12</b>	<b>5.0</b>	<b>7.4</b>	<b>15</b>	3.0
Cobalt	<b>6.8</b>	<3.0	<b>4.0</b>	<b>8.7</b>	3.0
Copper	<b>15</b>	<b>4.6</b>	<b>7.1</b>	<b>22</b>	3.0
Lead	<b>12</b>	<3.0	<3.0	<b>3.4</b>	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>9.3</b>	<3.0	<b>4.3</b>	<b>14</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>25</b>	<b>13</b>	<b>14</b>	<b>32</b>	10
Zinc	<b>55</b>	<b>16</b>	<b>26</b>	<b>43</b>	3.0

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-17	4G15004-18	4G15004-19	4G15004-20	
<b>Client ID No:</b>	DP-80007-1-SURF	DP-80007-1-5'	DP-80007-1-10'	DP-80007-1-20'	
<b>Matrix:</b>	ACE				
	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**CAM Metals Less Hq 6000/7000 (EPA 6010B/7000)**

Antimony	<10	<10	<10	<10	10
Arsenic	<b>1.2</b>	<b>34</b>	<b>5.5</b>	<b>3.8</b>	0.50
Barium	<b>58</b>	<10	<b>200</b>	<b>47</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	<b>9.6</b>	<b>5.2</b>	<b>23</b>	<b>5.6</b>	3.0
Cobalt	<b>6.1</b>	<b>3.5</b>	<b>12</b>	<b>4.0</b>	3.0
Copper	<b>12</b>	<b>6.7</b>	<b>39</b>	<b>7.7</b>	3.0
Lead	<3.0	<3.0	<b>6.1</b>	<b>11</b>	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>7.8</b>	<b>3.4</b>	<b>19</b>	<b>4.6</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>23</b>	<b>13</b>	<b>42</b>	<b>13</b>	10
Zinc	<b>37</b>	<b>20</b>	<b>62</b>	<b>37</b>	3.0

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-21	4G15004-22	4G15004-23	4G15004-24	
<b>Client ID No:</b>	DP-80006-1-SUR	DP-80006-1-5'	DP-80006-1-10'	DP-80006-1-20'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)**

Antimony	<10	<10	<10	<10	10
Arsenic	<b>3.4</b>	<b>6.6</b>	<b>4.5</b>	<b>3.1</b>	0.50
Barium	<b>96</b>	<b>180</b>	<b>98</b>	<b>58</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<b>8.4</b>	1.0
Chromium	<b>18</b>	<b>24</b>	<b>15</b>	<b>5.3</b>	3.0
Cobalt	<b>8.6</b>	<b>13</b>	<b>8.8</b>	<b>9.7</b>	3.0
Copper	<b>19</b>	<b>40</b>	<b>19</b>	<3.0	3.0
Lead	<b>17</b>	<b>15</b>	<b>3.2</b>	<3.0	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>13</b>	<b>22</b>	<b>12</b>	<b>6.1</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>34</b>	<b>47</b>	<b>33</b>	<b>20</b>	10
Zinc	<b>63</b>	<b>67</b>	<b>50</b>	<b>30</b>	3.0

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-25	4G15004-26	4G15004-27	4G15004-28	
<b>Client ID No:</b>	DP-80005-2-SURF	DP-80005-2-5'	DP-80005-2-10'	DP-80005-2-20'	
<b>Matrix:</b>	ACE				
	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

#### CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)

Antimony	<10	<10	<10	<10	10
Arsenic	<b>4.7</b>	<b>11</b>	<b>3.4</b>	<b>3.7</b>	0.50
Barium	<b>110</b>	<b>200</b>	<b>80</b>	<b>47</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	<b>19</b>	<b>23</b>	<b>14</b>	<b>8.5</b>	3.0
Cobalt	<b>9.6</b>	<b>13</b>	<b>8.0</b>	<b>5.0</b>	3.0
Copper	<b>22</b>	<b>36</b>	<b>20</b>	<b>8.3</b>	3.0
Lead	<b>3.4</b>	<b>4.8</b>	<b>3.1</b>	<3.0	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>14</b>	<b>19</b>	<b>11</b>	<b>5.8</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>37</b>	<b>44</b>	<b>33</b>	<b>19</b>	10
Zinc	<b>52</b>	<b>62</b>	<b>42</b>	<b>31</b>	3.0

**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-29	4G15004-30	4G15004-31	4G15004-32	
<b>Client ID No:</b>	DP-80005-1-SUR	DP-80005-1-5'	DP-80005-1-10'	DP-80005-1-20'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

#### CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)

Antimony	<10	<10	<10	<10	10
Arsenic	<b>5.4</b>	<b>3.0</b>	<b>2.7</b>	<b>0.93</b>	0.50
Barium	<b>110</b>	<b>120</b>	<b>87</b>	<b>38</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	<b>24</b>	<b>16</b>	<b>13</b>	<b>8.9</b>	3.0
Cobalt	<b>8.2</b>	<b>9.1</b>	<b>7.8</b>	<b>4.5</b>	3.0
Copper	<b>23</b>	<b>21</b>	<b>18</b>	<b>8.2</b>	3.0
Lead	<b>29</b>	<3.0	<3.0	<3.0	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>13</b>	<b>13</b>	<b>10</b>	<b>5.4</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>34</b>	<b>35</b>	<b>31</b>	<b>18</b>	10
Zinc	<b>78</b>	<b>47</b>	<b>42</b>	<b>26</b>	3.0

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-33	4G15004-34	4G15004-35	4G15004-36	
<b>Client ID No:</b>	DP-80002-1-SURF	DP-80002-1-5'	DP-80002-1-10'	DP-80002-1-20'	
<b>Matrix:</b>	ACE				
<b>Dilution Factor:</b>	Soil	Soil	Soil	Soil	MRL
	1	1	1	1	

**CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)**

Antimony	<10	<10	<10	<10	10
Arsenic	<b>4.8</b>	<b>2.5</b>	<b>4.2</b>	<b>6.2</b>	0.50
Barium	<b>110</b>	<b>100</b>	<b>89</b>	<b>180</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	<b>19</b>	<b>17</b>	<b>15</b>	<b>27</b>	3.0
Cobalt	<b>8.3</b>	<b>10</b>	<b>8.3</b>	<b>14</b>	3.0
Copper	<b>22</b>	<b>25</b>	<b>19</b>	<b>35</b>	3.0
Lead	<b>20</b>	<b>3.0</b>	<b>3.2</b>	<b>6.7</b>	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>13</b>	<b>15</b>	<b>12</b>	<b>22</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>35</b>	<b>40</b>	<b>33</b>	<b>43</b>	10
Zinc	<b>56</b>	<b>56</b>	<b>47</b>	<b>71</b>	3.0

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/22/14	07/22/14	07/22/14	
<b>Date Analyzed:</b>	07/21/14	07/22/14	07/22/14	07/22/14	
<b>AA ID No:</b>	4G15004-37	4G15004-38	4G15004-39	4G15004-40	
<b>Client ID No:</b>	DP-80001-1-SUR	DP-80001-1-5'	DP-80001-1-10'	DP-80001-1-15'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)**

Antimony	<10	<10	<10	<10	10
Arsenic	<b>5.2</b>	<b>6.7</b>	<b>6.8</b>	<b>7.1</b>	0.50
Barium	<b>68</b>	<b>170</b>	<b>110</b>	<b>140</b>	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<b>23</b>	<1.0	<1.0	1.0
Chromium	<b>14</b>	<b>12</b>	<b>19</b>	<b>19</b>	3.0
Cobalt	<b>12</b>	<b>32</b>	<b>10</b>	<b>11</b>	3.0
Copper	<b>46</b>	<b>54</b>	<b>24</b>	<b>27</b>	3.0
Lead	<b>8.3</b>	<3.0	<b>3.4</b>	<b>4.1</b>	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	<b>26</b>	<b>19</b>	<b>15</b>	<b>16</b>	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	<b>27</b>	<b>42</b>	<b>39</b>	<b>39</b>	10
Zinc	<b>95</b>	<b>66</b>	<b>59</b>	<b>62</b>	3.0

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

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**Date Sampled:** 07/14/14  
**Date Prepared:** 07/22/14  
**Date Analyzed:** 07/22/14  
**AA ID No:** 4G15004-41  
**Client ID No:** DP-80001-1-20'  
**Matrix:** Soil  
**Dilution Factor:** 1

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MRL

**CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)**

Antimony	<10	10
Arsenic	<b>4.4</b>	0.50
Barium	<b>95</b>	10
Beryllium	<1.0	1.0
Cadmium	<1.0	1.0
Chromium	<b>16</b>	3.0
Cobalt	<b>8.9</b>	3.0
Copper	<b>21</b>	3.0
Lead	<b>4.3</b>	3.0
Molybdenum	<5.0	5.0
Nickel	<b>13</b>	3.0
Selenium	<0.50	0.50
Silver	<1.0	1.0
Thallium	<5.0	5.0
Vanadium	<b>33</b>	10
Zinc	<b>48</b>	3.0

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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-01	4G15004-02	4G15004-03	4G15004-04	
<b>Client ID No:</b>	DP-NE-1-SURFA CE	DP-NE-1-5'	DP-NE-1-10'	DP-NE-1-20'	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.039</b>	<b>0.048</b>	<b>0.048</b>	<0.020	0.020
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**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-05	4G15004-06	4G15004-07	4G15004-08	
<b>Client ID No:</b>	DP-NE-2-SURFA CE	DP-NE-2-5'	DP-NE-2-10'	DP-NE-2-20'	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.081</b>	<0.020	<b>0.026</b>	<b>0.12</b>	0.020
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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-09	4G15004-10	4G15004-11	4G15004-12	
<b>Client ID No:</b>	DP-EAST-1-SUR FACE	DP-EAST-1-5'	DP-EAST-1-10'	DP-EAST-1-20'	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.021</b>	<b>0.022</b>	<b>0.030</b>	<b>0.026</b>	0.020
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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-13	4G15004-14	4G15004-15	4G15004-16	
<b>Client ID No:</b>	DP-80008-1-SUR	DP-80008-1-5'	DP-80008-1-10'	DP-80008-1-20'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.026</b>	<0.020	<b>0.68</b>	<b>0.050</b>	0.020
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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>Date Analyzed:</b>	07/21/14	07/21/14	07/21/14	07/21/14	
<b>AA ID No:</b>	4G15004-17	4G15004-18	4G15004-19	4G15004-20	
<b>Client ID No:</b>	DP-80007-1-SURF	DP-80007-1-5'	DP-80007-1-10'	DP-80007-1-20'	
	ACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.035</b>	<b>0.030</b>	<b>0.24</b>	<b>0.020</b>	0.020
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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>Date Analyzed:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>AA ID No:</b>	4G15004-21	4G15004-22	4G15004-23	4G15004-24	
<b>Client ID No:</b>	DP-80006-1-SUR	DP-80006-1-5'	DP-80006-1-10'	DP-80006-1-20'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

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**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.025</b>	<b>0.10</b>	<b>0.022</b>	<b>0.031</b>	0.020
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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>Date Analyzed:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>AA ID No:</b>	4G15004-25	4G15004-26	4G15004-27	4G15004-28	
<b>Client ID No:</b>	DP-80005-2-SURF ACE	DP-80005-2-5'	DP-80005-2-10'	DP-80005-2-20'	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.032</b>	<b>0.059</b>	<b>0.070</b>	<b>0.046</b>	0.020
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**Viorel Vasile**  
 Operations Manager





### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>Date Analyzed:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>AA ID No:</b>	4G15004-29	4G15004-30	4G15004-31	4G15004-32	
<b>Client ID No:</b>	DP-80005-1-SUR	DP-80005-1-5'	DP-80005-1-10'	DP-80005-1-20'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.041</b>	<b>0.086</b>	<b>0.024</b>	<b>0.023</b>	0.020
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**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>Date Analyzed:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>AA ID No:</b>	4G15004-33	4G15004-34	4G15004-35	4G15004-36	
<b>Client ID No:</b>	DP-80002-1-SURF	DP-80002-1-5'	DP-80002-1-10'	DP-80002-1-20'	
<b>Matrix:</b>	ACE Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.040</b>	<b>0.088</b>	<b>0.039</b>	<b>0.13</b>	0.020
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**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

<b>Date Sampled:</b>	07/14/14	07/14/14	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>Date Analyzed:</b>	07/22/14	07/22/14	07/22/14	07/22/14	
<b>AA ID No:</b>	4G15004-37	4G15004-38	4G15004-39	4G15004-40	
<b>Client ID No:</b>	DP-80001-1-SUR	DP-80001-1-5'	DP-80001-1-10'	DP-80001-1-15'	
	FACE				
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury	<b>0.023</b>	<b>0.066</b>	<b>0.074</b>	<b>0.058</b>	0.020
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**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Total Metals CAM 17

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/kg

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**Date Sampled:** 07/14/14  
**Date Prepared:** 07/22/14  
**Date Analyzed:** 07/22/14  
**AA ID No:** 4G15004-41  
**Client ID No:** DP-80001-1-20'  
**Matrix:** Soil  
**Dilution Factor:** 1

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MRL

**Mercury Total EPA 7470A/7471A (EPA 7471A)**

Mercury **0.036** 0.020

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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Soluble Metals STLC by ICP

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/L

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<b>Date Sampled:</b>	07/14/14	07/14/14	
<b>Date Prepared:</b>	07/30/14	09/04/14	
<b>Date Analyzed:</b>	08/04/14	09/04/14	
<b>AA ID No:</b>	4G15004-05	4G15004-38	
<b>Client ID No:</b>	DP-NE-2-SURFA CE	DP-80001-1-5'	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

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**Metals STLC (EPA 6010B)**

Cadmium		<0.50	0.50
Lead	3.7		0.50

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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk  
**Method:** Soluble Metals TCLP by ICP

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14  
**Units:** mg/L

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**Date Sampled:** 07/14/14  
**Date Prepared:** 09/03/14  
**Date Analyzed:** 09/04/14  
**AA ID No:** 4G15004-38  
**Client ID No:** DP-80001-1-5'  
**Matrix:** Soil  
**Dilution Factor:** 1 MRL

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**Metals TCLP (EPA 6010B)**

Cadmium <0.50 0.50

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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Notes
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#### VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B4G1813 - EPA 5035

Blank (B4G1813-BLK1)

Prepared & Analyzed: 07/18/14

Acetone	<0.050	0.050	mg/kg							
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050	mg/kg							
Benzene	<0.0020	0.0020	mg/kg							
Bromobenzene	<0.0050	0.0050	mg/kg							
Bromochloromethane	<0.0050	0.0050	mg/kg							
Bromodichloromethane	<0.0050	0.0050	mg/kg							
Bromoform	<0.0050	0.0050	mg/kg							
Bromomethane	<0.0050	0.0050	mg/kg							
2-Butanone (MEK)	<0.050	0.050	mg/kg							
tert-Butyl alcohol (TBA)	<0.020	0.020	mg/kg							
sec-Butylbenzene	<0.0050	0.0050	mg/kg							
tert-Butylbenzene	<0.0050	0.0050	mg/kg							
n-Butylbenzene	<0.0050	0.0050	mg/kg							
Carbon Disulfide	<0.0050	0.0050	mg/kg							
Carbon Tetrachloride	<0.0050	0.0050	mg/kg							
Chlorobenzene	<0.0050	0.0050	mg/kg							
Chloroethane	<0.0050	0.0050	mg/kg							
Chloroform	<0.0050	0.0050	mg/kg							
Chloromethane	<0.0050	0.0050	mg/kg							
2-Chlorotoluene	<0.0050	0.0050	mg/kg							
4-Chlorotoluene	<0.0050	0.0050	mg/kg							
1,2-Dibromo-3-chloropropane	<0.010	0.010	mg/kg							
Dibromochloromethane	<0.0050	0.0050	mg/kg							
1,2-Dibromoethane (EDB)	<0.0050	0.0050	mg/kg							
Dibromomethane	<0.0050	0.0050	mg/kg							
1,4-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,3-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,2-Dichlorobenzene	<0.0050	0.0050	mg/kg							
Dichlorodifluoromethane (R12)	<0.0050	0.0050	mg/kg							
1,1-Dichloroethane	<0.0050	0.0050	mg/kg							
1,2-Dichloroethane (EDC)	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B4G1813 - EPA 5035

**Blank (B4G1813-BLK1) Continued**

Prepared & Analyzed: 07/18/14

trans-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
cis-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
1,1-Dichloroethylene	<0.0050	0.0050	mg/kg							
2,2-Dichloropropane	<0.0050	0.0050	mg/kg							
1,3-Dichloropropane	<0.0050	0.0050	mg/kg							
1,2-Dichloropropane	<0.0050	0.0050	mg/kg							
trans-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
1,1-Dichloropropylene	<0.0050	0.0050	mg/kg							
cis-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
Diisopropyl ether (DIPE)	<0.0050	0.0050	mg/kg							
Ethylbenzene	<0.0020	0.0020	mg/kg							
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050	mg/kg							
Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg							
Hexachlorobutadiene	<0.010	0.010	mg/kg							
2-Hexanone (MBK)	<0.050	0.050	mg/kg							
Isopropylbenzene	<0.0050	0.0050	mg/kg							
4-Isopropyltoluene	<0.0050	0.0050	mg/kg							
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050	mg/kg							
Methylene Chloride	<0.050	0.050	mg/kg							
4-Methyl-2-pentanone (MIBK)	<0.050	0.050	mg/kg							
Naphthalene	<0.010	0.010	mg/kg							
n-Propylbenzene	<0.0050	0.0050	mg/kg							
Styrene	<0.0050	0.0050	mg/kg							
1,1,1,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
1,1,2,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
Tetrachloroethylene (PCE)	<0.0050	0.0050	mg/kg							
Toluene	<0.0020	0.0020	mg/kg							
1,2,4-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,2,3-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,1,2-Trichloroethane	<0.0050	0.0050	mg/kg							
1,1,1-Trichloroethane	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B4G1813 - EPA 5035

**Blank (B4G1813-BLK1) Continued**

Prepared & Analyzed: 07/18/14

Trichloroethylene (TCE)	<0.0050	0.0050	mg/kg
Trichlorofluoromethane (R11)	<0.0050	0.0050	mg/kg
1,2,3-Trichloropropane	<0.0050	0.0050	mg/kg
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050	mg/kg
1,3,5-Trimethylbenzene	<0.0050	0.0050	mg/kg
1,2,4-Trimethylbenzene	<0.0050	0.0050	mg/kg
Vinyl chloride	<0.0050	0.0050	mg/kg
o-Xylene	<0.0020	0.0020	mg/kg
m,p-Xylenes	<0.0020	0.0020	mg/kg

Surrogate: 4-Bromofluorobenzene	0.0930		mg/kg	0.10	93.0	70-140
Surrogate: Dibromofluoromethane	0.103		mg/kg	0.10	103	70-140
Surrogate: Toluene-d8	0.0965		mg/kg	0.10	96.5	70-140

**LCS (B4G1813-BS1)**

Prepared & Analyzed: 07/18/14

Benzene	<b>0.0406</b>	0.0020	mg/kg	0.040	102	75-125	
Bromodichloromethane	<b>0.0406</b>	0.0050	mg/kg	0.040	102	75-125	
Bromoform	<b>0.0599</b>	0.0050	mg/kg	0.040	150	75-125	**
Carbon Tetrachloride	<b>0.0375</b>	0.0050	mg/kg	0.040	93.8	75-125	
Chlorobenzene	<b>0.0409</b>	0.0050	mg/kg	0.040	102	75-125	
Chloroethane	<b>0.0396</b>	0.0050	mg/kg	0.040	99.0	75-125	
Chloroform	<b>0.0354</b>	0.0050	mg/kg	0.040	88.6	75-125	
Chloromethane	<b>0.0399</b>	0.0050	mg/kg	0.040	99.6	65-125	
Dibromochloromethane	<b>0.0516</b>	0.0050	mg/kg	0.040	129	75-125	**
1,4-Dichlorobenzene	<b>0.0405</b>	0.0050	mg/kg	0.040	101	75-125	
1,1-Dichloroethane	<b>0.0362</b>	0.0050	mg/kg	0.040	90.5	70-125	
1,2-Dichloroethane (EDC)	<b>0.0341</b>	0.0050	mg/kg	0.040	85.2	75-125	
trans-1,2-Dichloroethylene	<b>0.0450</b>	0.0050	mg/kg	0.040	113	75-125	
cis-1,2-Dichloroethylene	<b>0.0368</b>	0.0050	mg/kg	0.040	92.0	75-125	
1,1-Dichloroethylene	<b>0.0373</b>	0.0050	mg/kg	0.040	93.3	70-130	
1,2-Dichloropropane	<b>0.0410</b>	0.0050	mg/kg	0.040	103	75-130	
cis-1,3-Dichloropropylene	<b>0.0396</b>	0.0050	mg/kg	0.040	99.0	75-125	

**Viorel Vasile**  
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk

AA Project No: A5331083
Date Received: 07/15/14
Date Reported: 09/04/14

Table with columns: Analyte, Reporting Result, Reporting Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B4G1813 - EPA 5035

LCS (B4G1813-BS1) Continued

Prepared & Analyzed: 07/18/14

Table listing analytes such as Ethylbenzene, MTBE, Methylene Chloride, etc., with their respective results and limits.

Surrogate: 4-Bromofluorobenzene 0.0913
Surrogate: Dibromofluoromethane 0.0952
Surrogate: Toluene-d8 0.0981

LCS Dup (B4G1813-BSD1)

Prepared: 07/18/14 Analyzed: 07/19/14

Table listing duplicate analytes such as Benzene, Bromodichloromethane, Bromoform, etc., with results and RPD values.

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Viorel Vasile
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B4G1813 - EPA 5035

**LCS Dup (B4G1813-BSD1) Continued**

Prepared: 07/18/14 Analyzed: 07/19/14

cis-1,3-Dichloropropylene	0.0406	0.0050	mg/kg	0.040		102 75-125	2.54	30	
Ethylbenzene	0.0372	0.0020	mg/kg	0.040		93.0 75-125	0.536	30	
Methyl-tert-Butyl Ether (MTBE)	0.0351	0.0050	mg/kg	0.040		87.7 75-125	3.72	30	
Methylene Chloride	0.0424	0.050	mg/kg	0.040		106 75-130	23.6	30	
1,1,2,2-Tetrachloroethane	0.0491	0.0050	mg/kg	0.040		123 70-135	16.6	30	
Tetrachloroethylene (PCE)	0.0445	0.0050	mg/kg	0.040		111 75-125	0.359	30	
Toluene	0.0406	0.0020	mg/kg	0.040		102 75-125	2.05	30	
1,1,2-Trichloroethane	0.0457	0.0050	mg/kg	0.040		114 75-125	4.66	30	
1,1,1-Trichloroethane	0.0375	0.0050	mg/kg	0.040		93.8 75-125	0.910	30	
Trichloroethylene (TCE)	0.0376	0.0050	mg/kg	0.040		94.0 75-125	8.14	30	
Vinyl chloride	0.0343	0.0050	mg/kg	0.040		85.8 75-125	2.36	30	
o-Xylene	0.0394	0.0020	mg/kg	0.040		98.5 75-125	2.99	30	

Surrogate: 4-Bromofluorobenzene 0.0849

mg/kg 0.10 84.9 70-140

Surrogate: Dibromofluoromethane 0.105

mg/kg 0.10 105 70-140

Surrogate: Toluene-d8 0.0949

mg/kg 0.10 94.9 70-140

**Carbon Chain by GC/FID - Quality Control**

Batch B4G1816 - EPA 3550B

**Blank (B4G1816-BLK1)**

Prepared: 07/18/14 Analyzed: 07/20/14

C6-C8	<1.0	1.0	mg/kg						
C8-C10	<1.0	1.0	mg/kg						
C10-C12	<1.0	1.0	mg/kg						
C12-C14	<1.0	1.0	mg/kg						
C14-C16	<1.0	1.0	mg/kg						
C16-C18	<1.0	1.0	mg/kg						
C18-C20	<1.0	1.0	mg/kg						
C20-C22	<1.0	1.0	mg/kg						
C22-C24	<1.0	1.0	mg/kg						
C24-C26	<1.0	1.0	mg/kg						
C26-C28	<1.0	1.0	mg/kg						
C28-C32	<1.0	1.0	mg/kg						
C32-C34	<1.0	1.0	mg/kg						

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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**Carbon Chain by GC/FID - Quality Control**

*Batch B4G1816 - EPA 3550B*

**Blank (B4G1816-BLK1) Continued**

Prepared: 07/18/14 Analyzed: 07/20/14

C34-C36	<1.0	1.0	mg/kg
C36-C40	<1.0	1.0	mg/kg
C40-C44	<1.0	1.0	mg/kg
TPH (C6-C44)	<10	10	mg/kg

*Surrogate: o-Terphenyl* 11.0 mg/kg 10 110 50-150

**LCS (B4G1816-BS1)**

Prepared: 07/18/14 Analyzed: 07/20/14

Diesel Range Organics as Diesel **198** 10 mg/kg 200 99.2 75-125

*Surrogate: o-Terphenyl* 11.6 mg/kg 10 116 50-150

**LCS Dup (B4G1816-BSD1)**

Prepared: 07/18/14 Analyzed: 07/20/14

Diesel Range Organics as Diesel **198** 10 mg/kg 200 99.0 75-125 0.149 40

*Surrogate: o-Terphenyl* 10.6 mg/kg 10 106 50-150

**Matrix Spike (B4G1816-MS1)**

**Source: 4G16004-37** Prepared: 07/18/14 Analyzed: 07/21/14

Diesel Range Organics as Diesel **199** 10 mg/kg 200 99.3 70-130

*Surrogate: o-Terphenyl* 11.0 mg/kg 10 110 50-150

**Matrix Spike Dup (B4G1816-MSD1)**

**Source: 4G16004-37** Prepared: 07/18/14 Analyzed: 07/21/14

Diesel Range Organics as Diesel **213** 10 mg/kg 200 106 70-130 6.91 40

*Surrogate: o-Terphenyl* 11.9 mg/kg 10 119 50-150

**Total Metals CAM 17 - Quality Control**

*Batch B4G2105 - EPA 3050B*

**Blank (B4G2105-BLK1)**

Prepared & Analyzed: 07/21/14

Antimony	<10	10	mg/kg
Arsenic	<0.50	0.50	mg/kg
Barium	<10	10	mg/kg
Beryllium	<1.0	1.0	mg/kg
Cadmium	<1.0	1.0	mg/kg
Chromium	<3.0	3.0	mg/kg
Cobalt	<3.0	3.0	mg/kg
Copper	<3.0	3.0	mg/kg
Lead	<3.0	3.0	mg/kg

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

*Batch B4G2105 - EPA 3050B*

**Blank (B4G2105-BLK1) Continued**

Prepared & Analyzed: 07/21/14

Molybdenum	<5.0	5.0	mg/kg
Nickel	<3.0	3.0	mg/kg
Selenium	<0.50	0.50	mg/kg
Silver	<1.0	1.0	mg/kg
Thallium	<5.0	5.0	mg/kg
Vanadium	<10	10	mg/kg
Zinc	<3.0	3.0	mg/kg

**LCS (B4G2105-BS1)**

Prepared & Analyzed: 07/21/14

Antimony	<b>42.0</b>	10	mg/kg	50	84.0	80-120
Arsenic	<b>52.2</b>	0.50	mg/kg	50	104	80-120
Barium	<b>49.1</b>	10	mg/kg	50	98.1	80-120
Beryllium	<b>50.4</b>	1.0	mg/kg	50	101	80-120
Cadmium	<b>50.9</b>	1.0	mg/kg	50	102	80-120
Chromium	<b>49.4</b>	3.0	mg/kg	50	98.9	80-120
Cobalt	<b>50.8</b>	3.0	mg/kg	50	102	80-120
Copper	<b>51.0</b>	3.0	mg/kg	50	102	80-120
Lead	<b>50.8</b>	3.0	mg/kg	50	102	80-120
Molybdenum	<b>50.4</b>	5.0	mg/kg	50	101	80-120
Nickel	<b>50.8</b>	3.0	mg/kg	50	102	80-120
Selenium	<b>53.0</b>	0.50	mg/kg	50	106	80-120
Silver	<b>52.0</b>	1.0	mg/kg	50	104	80-120
Thallium	<b>49.3</b>	5.0	mg/kg	50	98.5	80-120
Vanadium	<b>49.6</b>	10	mg/kg	50	99.1	80-120
Zinc	<b>51.8</b>	3.0	mg/kg	50	104	80-120

**LCS Dup (B4G2105-BSD1)**

Prepared & Analyzed: 07/21/14

Antimony	<b>45.5</b>	10	mg/kg	50	91.0	80-120	7.93	20
Arsenic	<b>53.1</b>	0.50	mg/kg	50	106	80-120	1.81	20
Barium	<b>49.4</b>	10	mg/kg	50	98.8	80-120	0.701	20
Beryllium	<b>50.9</b>	1.0	mg/kg	50	102	80-120	1.09	20
Cadmium	<b>51.2</b>	1.0	mg/kg	50	102	80-120	0.685	20
Chromium	<b>49.8</b>	3.0	mg/kg	50	99.7	80-120	0.826	20

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

Batch B4G2105 - EPA 3050B

**LCS Dup (B4G2105-BSD1) Continued**

Prepared & Analyzed: 07/21/14

Cobalt	51.3	3.0	mg/kg	50	103	80-120	0.979	20
Copper	51.4	3.0	mg/kg	50	103	80-120	0.781	20
Lead	50.8	3.0	mg/kg	50	102	80-120	0.0985	20
Molybdenum	50.8	5.0	mg/kg	50	102	80-120	0.889	20
Nickel	51.0	3.0	mg/kg	50	102	80-120	0.393	20
Selenium	53.7	0.50	mg/kg	50	107	80-120	1.41	20
Silver	52.2	1.0	mg/kg	50	104	80-120	0.288	20
Thallium	52.1	5.0	mg/kg	50	104	80-120	5.59	20
Vanadium	50.0	10	mg/kg	50	100	80-120	0.984	20
Zinc	52.4	3.0	mg/kg	50	105	80-120	1.34	20

**Matrix Spike (B4G2105-MS1)**

Source: 4G15004-10 Prepared & Analyzed: 07/21/14

Antimony	44.6	10	mg/kg	50	<10	89.2	75-125	
Arsenic	57.5	0.50	mg/kg	50	2.38	110	75-125	
Barium	101	10	mg/kg	50	49.3	104	75-125	
Beryllium	51.7	1.0	mg/kg	50	<1.0	103	75-125	
Cadmium	51.6	1.0	mg/kg	50	<1.0	103	75-125	
Chromium	60.1	3.0	mg/kg	50	7.80	105	75-125	
Cobalt	57.3	3.0	mg/kg	50	4.90	105	75-125	
Copper	63.2	3.0	mg/kg	50	9.00	108	75-125	
Lead	54.8	3.0	mg/kg	50	<3.0	110	75-125	
Molybdenum	53.4	5.0	mg/kg	50	<5.0	107	75-125	
Nickel	60.2	3.0	mg/kg	50	5.84	109	75-125	
Selenium	53.0	0.50	mg/kg	50	<0.50	106	75-125	
Silver	53.6	1.0	mg/kg	50	<1.0	107	75-125	
Thallium	30.2	5.0	mg/kg	50	<5.0	60.3	60-140	
Vanadium	71.2	10	mg/kg	50	18.2	106	75-125	
Zinc	80.0	3.0	mg/kg	50	26.0	108	75-125	

**Matrix Spike Dup (B4G2105-MSD1)**

Source: 4G15004-10 Prepared & Analyzed: 07/21/14

Antimony	44.4	10	mg/kg	50	<10	88.8	75-125	0.405	40
Arsenic	57.1	0.50	mg/kg	50	2.38	109	75-125	0.698	40
Barium	99.1	10	mg/kg	50	49.3	99.7	75-125	2.34	40

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

*Batch B4G2105 - EPA 3050B*

**Matrix Spike Dup (B4G2105-MSD1) Source: 4G15004-10 Prepared & Analyzed: 07/21/14**

**Continued**

Beryllium	51.6	1.0	mg/kg	50	<1.0	103	75-125	0.194	40	
Cadmium	51.6	1.0	mg/kg	50	<1.0	103	75-125	0.194	40	
Chromium	61.1	3.0	mg/kg	50	7.80	107	75-125	1.65	40	
Cobalt	56.9	3.0	mg/kg	50	4.90	104	75-125	0.701	40	
Copper	62.8	3.0	mg/kg	50	9.00	108	75-125	0.635	40	
Lead	54.1	3.0	mg/kg	50	<3.0	108	75-125	1.29	40	
Molybdenum	53.6	5.0	mg/kg	50	<5.0	107	75-125	0.467	40	
Nickel	59.6	3.0	mg/kg	50	5.84	107	75-125	1.17	40	
Selenium	51.9	0.50	mg/kg	50	<0.50	104	75-125	2.00	40	
Silver	53.9	1.0	mg/kg	50	<1.0	108	75-125	0.651	40	
Thallium	33.2	5.0	mg/kg	50	<5.0	66.4	60-140	9.60	40	
Vanadium	70.4	10	mg/kg	50	18.2	105	75-125	1.06	40	
Zinc	79.0	3.0	mg/kg	50	26.0	106	75-125	1.13	40	

*Batch B4G2110 - EPA 3050B*

**Blank (B4G2110-BLK1)**

Prepared & Analyzed: 07/21/14

Antimony	<10	10	mg/kg							
Arsenic	<0.50	0.50	mg/kg							
Barium	<10	10	mg/kg							
Beryllium	<1.0	1.0	mg/kg							
Cadmium	<1.0	1.0	mg/kg							
Chromium	<3.0	3.0	mg/kg							
Cobalt	<3.0	3.0	mg/kg							
Copper	<3.0	3.0	mg/kg							
Lead	<3.0	3.0	mg/kg							
Molybdenum	<5.0	5.0	mg/kg							
Nickel	<3.0	3.0	mg/kg							
Selenium	<0.50	0.50	mg/kg							
Silver	<1.0	1.0	mg/kg							
Thallium	<5.0	5.0	mg/kg							
Vanadium	<10	10	mg/kg							

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

*Batch B4G2110 - EPA 3050B*

**Blank (B4G2110-BLK1) Continued**

Prepared & Analyzed: 07/21/14

Zinc <3.0 3.0 mg/kg

**LCS (B4G2110-BS1)**

Prepared & Analyzed: 07/21/14

Antimony	45.6	10	mg/kg	50	91.2	80-120
Arsenic	53.0	0.50	mg/kg	50	106	80-120
Barium	51.4	10	mg/kg	50	103	80-120
Beryllium	50.9	1.0	mg/kg	50	102	80-120
Cadmium	53.0	1.0	mg/kg	50	106	80-120
Chromium	51.2	3.0	mg/kg	50	102	80-120
Cobalt	52.6	3.0	mg/kg	50	105	80-120
Copper	51.8	3.0	mg/kg	50	104	80-120
Lead	51.8	3.0	mg/kg	50	104	80-120
Molybdenum	51.9	5.0	mg/kg	50	104	80-120
Nickel	53.1	3.0	mg/kg	50	106	80-120
Selenium	53.4	0.50	mg/kg	50	107	80-120
Silver	53.2	1.0	mg/kg	50	106	80-120
Thallium	43.6	5.0	mg/kg	50	87.1	80-120
Vanadium	51.2	10	mg/kg	50	102	80-120
Zinc	53.2	3.0	mg/kg	50	106	80-120

**LCS Dup (B4G2110-BSD1)**

Prepared & Analyzed: 07/21/14

Antimony	46.7	10	mg/kg	50	93.4	80-120	2.42	20
Arsenic	53.6	0.50	mg/kg	50	107	80-120	1.12	20
Barium	51.0	10	mg/kg	50	102	80-120	0.780	20
Beryllium	50.8	1.0	mg/kg	50	102	80-120	0.197	20
Cadmium	52.6	1.0	mg/kg	50	105	80-120	0.757	20
Chromium	50.8	3.0	mg/kg	50	102	80-120	0.687	20
Cobalt	52.2	3.0	mg/kg	50	104	80-120	0.764	20
Copper	51.8	3.0	mg/kg	50	104	80-120	0.193	20
Lead	51.6	3.0	mg/kg	50	103	80-120	0.484	20
Molybdenum	52.2	5.0	mg/kg	50	104	80-120	0.672	20
Nickel	52.4	3.0	mg/kg	50	105	80-120	1.33	20
Selenium	54.6	0.50	mg/kg	50	109	80-120	2.04	20

**Viorel Vasile**  
Operations Manager





### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

Batch B4G2110 - EPA 3050B

**LCS Dup (B4G2110-BSD1) Continued**

Prepared & Analyzed: 07/21/14

Silver	52.7	1.0	mg/kg	50	105	80-120	1.04	20		
Thallium	47.2	5.0	mg/kg	50	94.4	80-120	8.03	20		
Vanadium	51.2	10	mg/kg	50	102	80-120	0.195	20		
Zinc	53.1	3.0	mg/kg	50	106	80-120	0.188	20		

**Matrix Spike (B4G2110-MS1)**

Source: 4G15004-28 Prepared & Analyzed: 07/21/14

Antimony	43.6	10	mg/kg	50	<10	87.3	75-125			
Arsenic	57.8	0.50	mg/kg	50	3.74	108	75-125			
Barium	95.4	10	mg/kg	50	46.9	96.9	75-125			
Beryllium	51.3	1.0	mg/kg	50	<1.0	103	75-125			
Cadmium	50.0	1.0	mg/kg	50	<1.0	100	75-125			
Chromium	59.6	3.0	mg/kg	50	8.50	102	75-125			
Cobalt	56.2	3.0	mg/kg	50	5.02	102	75-125			
Copper	61.2	3.0	mg/kg	50	8.28	106	75-125			
Lead	53.6	3.0	mg/kg	50	<3.0	107	75-125			
Molybdenum	52.2	5.0	mg/kg	50	<5.0	104	75-125			
Nickel	57.2	3.0	mg/kg	50	5.83	103	75-125			
Selenium	52.6	0.50	mg/kg	50	<0.50	105	75-125			
Silver	53.0	1.0	mg/kg	50	<1.0	106	75-125			
Thallium	14.2	5.0	mg/kg	50	<5.0	28.4	60-140			QM-07
Vanadium	70.5	10	mg/kg	50	19.4	102	75-125			
Zinc	81.7	3.0	mg/kg	50	31.3	101	75-125			

**Matrix Spike Dup (B4G2110-MSD1)**

Source: 4G15004-28 Prepared & Analyzed: 07/21/14

Antimony	45.9	10	mg/kg	50	<10	91.8	75-125	5.09	40	
Arsenic	58.0	0.50	mg/kg	50	3.74	108	75-125	0.173	40	
Barium	93.4	10	mg/kg	50	46.9	93.0	75-125	2.07	40	
Beryllium	51.4	1.0	mg/kg	50	<1.0	103	75-125	0.292	40	
Cadmium	50.1	1.0	mg/kg	50	<1.0	100	75-125	0.210	40	
Chromium	59.0	3.0	mg/kg	50	8.50	101	75-125	1.01	40	
Cobalt	55.8	3.0	mg/kg	50	5.02	102	75-125	0.536	40	
Copper	60.8	3.0	mg/kg	50	8.28	105	75-125	0.656	40	
Lead	53.6	3.0	mg/kg	50	<3.0	107	75-125	0.0933	40	

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

*Batch B4G2110 - EPA 3050B*

**Matrix Spike Dup (B4G2110-MSD1) Source: 4G15004-28 Prepared & Analyzed: 07/21/14**

**Continued**

Molybdenum	53.2	5.0	mg/kg	50	<5.0	106	75-125	1.71	40	
Nickel	57.8	3.0	mg/kg	50	5.83	104	75-125	0.956	40	
Selenium	54.1	0.50	mg/kg	50	<0.50	108	75-125	2.81	40	
Silver	53.0	1.0	mg/kg	50	<1.0	106	75-125	0.00	40	
Thallium	30.3	5.0	mg/kg	50	<5.0	60.5	60-140	72.2	40	
Vanadium	70.0	10	mg/kg	50	19.4	101	75-125	0.712	40	
Zinc	79.8	3.0	mg/kg	50	31.3	96.9	75-125	2.42	40	

*Batch B4G2208 - EPA 7471A Prep*

**Blank (B4G2208-BLK1)**

Prepared & Analyzed: 07/22/14

Antimony	<10	10	mg/kg							
Arsenic	<0.50	0.50	mg/kg							
Barium	<10	10	mg/kg							
Beryllium	<1.0	1.0	mg/kg							
Cadmium	<1.0	1.0	mg/kg							
Chromium	<3.0	3.0	mg/kg							
Cobalt	<3.0	3.0	mg/kg							
Copper	<3.0	3.0	mg/kg							
Lead	<3.0	3.0	mg/kg							
Molybdenum	<5.0	5.0	mg/kg							
Nickel	<3.0	3.0	mg/kg							
Selenium	<0.50	0.50	mg/kg							
Silver	<1.0	1.0	mg/kg							
Thallium	<5.0	5.0	mg/kg							
Vanadium	<10	10	mg/kg							
Zinc	<3.0	3.0	mg/kg							

**LCS (B4G2208-BS1)**

Prepared & Analyzed: 07/22/14

Antimony	52.0	10	mg/kg	50		104	80-120			
Arsenic	52.7	0.50	mg/kg	50		105	80-120			
Barium	51.4	10	mg/kg	50		103	80-120			
Beryllium	50.9	1.0	mg/kg	50		102	80-120			

**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

*Batch B4G2208 - EPA 7471A Prep*

**LCS (B4G2208-BS1) Continued**

Prepared & Analyzed: 07/22/14

Cadmium	52.0	1.0	mg/kg	50	104	80-120
Chromium	51.5	3.0	mg/kg	50	103	80-120
Cobalt	52.6	3.0	mg/kg	50	105	80-120
Copper	51.9	3.0	mg/kg	50	104	80-120
Lead	52.2	3.0	mg/kg	50	104	80-120
Molybdenum	51.7	5.0	mg/kg	50	103	80-120
Nickel	52.7	3.0	mg/kg	50	105	80-120
Selenium	52.8	0.50	mg/kg	50	106	80-120
Silver	53.3	1.0	mg/kg	50	107	80-120
Thallium	47.3	5.0	mg/kg	50	94.6	80-120
Vanadium	51.2	10	mg/kg	50	102	80-120
Zinc	53.8	3.0	mg/kg	50	108	80-120

**LCS Dup (B4G2208-BSD1)**

Prepared & Analyzed: 07/22/14

Antimony	53.0	10	mg/kg	50	106	80-120	2.10	20
Arsenic	53.2	0.50	mg/kg	50	106	80-120	0.850	20
Barium	51.5	10	mg/kg	50	103	80-120	0.292	20
Beryllium	51.2	1.0	mg/kg	50	102	80-120	0.685	20
Cadmium	52.5	1.0	mg/kg	50	105	80-120	0.861	20
Chromium	52.0	3.0	mg/kg	50	104	80-120	0.966	20
Cobalt	52.8	3.0	mg/kg	50	106	80-120	0.380	20
Copper	52.1	3.0	mg/kg	50	104	80-120	0.385	20
Lead	53.2	3.0	mg/kg	50	106	80-120	1.80	20
Molybdenum	52.2	5.0	mg/kg	50	104	80-120	0.962	20
Nickel	53.2	3.0	mg/kg	50	106	80-120	0.944	20
Selenium	53.8	0.50	mg/kg	50	108	80-120	1.78	20
Silver	53.6	1.0	mg/kg	50	107	80-120	0.655	20
Thallium	48.7	5.0	mg/kg	50	97.3	80-120	2.81	20
Vanadium	51.6	10	mg/kg	50	103	80-120	0.779	20
Zinc	54.0	3.0	mg/kg	50	108	80-120	0.186	20

**Matrix Spike (B4G2208-MS1)**

Source: 4G16004-15 Prepared & Analyzed: 07/22/14

Antimony	52.2	10	mg/kg	50	104	75-125
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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

Batch B4G2208 - EPA 7471A Prep

**Matrix Spike (B4G2208-MS1) Continued Source: 4G16004-15 Prepared & Analyzed: 07/22/14**

Arsenic	61.4	0.50	mg/kg	50	3.98	115	75-125			
Barium	168	10	mg/kg	50	124	89.5	75-125			
Beryllium	55.0	1.0	mg/kg	50		110	75-125			
Cadmium	54.1	1.0	mg/kg	50		108	75-125			
Chromium	72.6	3.0	mg/kg	50	19.9	105	75-125			
Cobalt	66.6	3.0	mg/kg	50	10.9	111	75-125			
Copper	77.0	3.0	mg/kg	50	24.1	106	75-125			
Lead	60.2	3.0	mg/kg	50	3.52	113	75-125			
Molybdenum	56.5	5.0	mg/kg	50		113	75-125			
Nickel	70.2	3.0	mg/kg	50	15.3	110	75-125			
Selenium	56.2	0.50	mg/kg	50		112	75-125			
Silver	55.0	1.0	mg/kg	50		110	75-125			
Thallium	31.1	5.0	mg/kg	50		62.1	60-140			
Vanadium	95.3	10	mg/kg	50	42.5	106	75-125			
Zinc	117	3.0	mg/kg	50	62.5	110	75-125			

**Matrix Spike Dup (B4G2208-MSD1) Source: 4G16004-15 Prepared & Analyzed: 07/22/14**

Antimony	53.6	10	mg/kg	50		107	75-125	2.74	40	
Arsenic	61.4	0.50	mg/kg	50	3.98	115	75-125	0.163	40	
Barium	168	10	mg/kg	50	124	88.4	75-125	0.327	40	
Beryllium	55.5	1.0	mg/kg	50		111	75-125	0.814	40	
Cadmium	54.6	1.0	mg/kg	50		109	75-125	0.920	40	
Chromium	73.2	3.0	mg/kg	50	19.9	107	75-125	0.892	40	
Cobalt	66.5	3.0	mg/kg	50	10.9	111	75-125	0.150	40	
Copper	77.0	3.0	mg/kg	50	24.1	106	75-125	0.130	40	
Lead	61.5	3.0	mg/kg	50	3.52	116	75-125	2.22	40	
Molybdenum	56.8	5.0	mg/kg	50		114	75-125	0.618	40	
Nickel	70.8	3.0	mg/kg	50	15.3	111	75-125	0.780	40	
Selenium	56.2	0.50	mg/kg	50		112	75-125	0.0890	40	
Silver	55.1	1.0	mg/kg	50		110	75-125	0.0908	40	
Thallium	32.4	5.0	mg/kg	50		64.9	60-140	4.33	40	
Vanadium	95.3	10	mg/kg	50	42.5	106	75-125	0.00	40	

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Total Metals CAM 17 - Quality Control**

*Batch B4G2208 - EPA 7471A Prep*

**Matrix Spike Dup (B4G2208-MSD1)** **Source: 4G16004-15** Prepared & Analyzed: 07/22/14  
**Continued**

Zinc	119	3.0	mg/kg	50	62.5	113	75-125	1.48	40	
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**Total Metals CAM 17 - Quality Control**

*Batch B4G2106 - EPA 7471A Prep*

**Blank (B4G2106-BLK1)** Prepared & Analyzed: 07/21/14

Mercury	<0.020	0.020	mg/kg							
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**LCS (B4G2106-BS1)** Prepared & Analyzed: 07/21/14

Mercury	0.600	0.020	mg/kg	0.50		120	80-120			
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**LCS Dup (B4G2106-BSD1)** Prepared & Analyzed: 07/21/14

Mercury	0.599	0.020	mg/kg	0.50		120	80-120	0.167	25	
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**Matrix Spike (B4G2106-MS1)** **Source: 4G15004-10** Prepared & Analyzed: 07/21/14

Mercury	0.568	0.020	mg/kg	0.50	0.0220	109	75-125			
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**Matrix Spike Dup (B4G2106-MSD1)** **Source: 4G15004-10** Prepared & Analyzed: 07/21/14

Mercury	0.587	0.020	mg/kg	0.50	0.0220	113	75-125	3.20	25	
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*Batch B4G2206 - EPA 7471A Prep*

**Blank (B4G2206-BLK1)** Prepared & Analyzed: 07/22/14

Mercury	<0.020	0.020	mg/kg							
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**LCS (B4G2206-BS1)** Prepared & Analyzed: 07/22/14

Mercury	0.597	0.020	mg/kg	0.50		119	80-120			
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**LCS Dup (B4G2206-BSD1)** Prepared & Analyzed: 07/22/14

Mercury	0.595	0.020	mg/kg	0.50		119	80-120	0.336	25	
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**Matrix Spike (B4G2206-MS1)** **Source: 4G15004-28** Prepared & Analyzed: 07/22/14

Mercury	0.576	0.020	mg/kg	0.50	0.0455	106	75-125			
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**Matrix Spike Dup (B4G2206-MSD1)** **Source: 4G15004-28** Prepared & Analyzed: 07/22/14

Mercury	0.600	0.020	mg/kg	0.50	0.0455	111	75-125	4.00	25	
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**Soluble Metals STLC by ICP - Quality Control**

*Batch B4G3006 - EPA 3010A*

**Blank (B4G3006-BLK1)** Prepared: 07/30/14 Analyzed: 08/04/14

Lead	<0.50	0.50	mg/L							
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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Soluble Metals STLC by ICP - Quality Control**

*Batch B4G3006 - EPA 3010A*

**LCS (B4G3006-BS1)**

Prepared: 07/30/14 Analyzed: 08/04/14

Lead	1.12	0.50	mg/L	1.0	112	80-120				
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**LCS Dup (B4G3006-BSD1)**

Prepared: 07/30/14 Analyzed: 08/04/14

Lead	1.18	0.50	mg/L	1.0	118	80-120	5.57	20		
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*Batch B4I0403 - EPA 3010A*

**Blank (B4I0403-BLK1)**

Prepared & Analyzed: 09/04/14

Cadmium	<0.50	0.50	mg/L							
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**LCS (B4I0403-BS1)**

Prepared & Analyzed: 09/04/14

Cadmium	0.984	0.50	mg/L	1.0	98.4	80-120				
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**LCS Dup (B4I0403-BSD1)**

Prepared & Analyzed: 09/04/14

Cadmium	0.955	0.50	mg/L	1.0	95.5	80-120	2.93	20		
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**Soluble Metals TCLP by ICP - Quality Control**

*Batch B4I0302 - EPA 3010A*

**Blank (B4I0302-BLK1)**

Prepared: 09/03/14 Analyzed: 09/04/14

Cadmium	<0.50	0.50	mg/L							
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**LCS (B4I0302-BS1)**

Prepared: 09/03/14 Analyzed: 09/04/14

Cadmium	1.09	0.50	mg/L	1.0	109	80-120				
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**LCS Dup (B4I0302-BSD1)**

Prepared: 09/03/14 Analyzed: 09/04/14

Cadmium	1.14	0.50	mg/L	1.0	114	80-120	4.22	20		
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**Matrix Spike (B4I0302-MS1)**

**Source: 4G15004-38** Prepared: 09/03/14 Analyzed: 09/04/14

Cadmium	0.955	0.50	mg/L	1.0	<0.50	95.5	75-125			
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**Matrix Spike Dup (B4I0302-MSD1)**

**Source: 4G15004-38** Prepared: 09/03/14 Analyzed: 09/04/14

Cadmium	1.00	0.50	mg/L	1.0	<0.50	100	75-125	4.72	20	
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**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-001  
**Project Name:** DFSP Norwalk

**AA Project No:** A5331083  
**Date Received:** 07/15/14  
**Date Reported:** 09/04/14

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### Special Notes

- [1] = \*\* : Exceeds upper control limit
- [2] = E : The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- [3] = QM-07 : The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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**Viorel Vasile**  
Operations Manager



# AMERICAN ANALYTICALS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311  
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No: 120323  
70040365 of 3

Client: The Source Group Inc Project Name / No.: NDLA Norwalk - Metals Evaluation Sampler's Name: DERYCK ROBERTS  
 Project Manager: Paul Parmentier Site Address: 15306 Norwalk Blvd Sampler's Signature: [Signature]  
 Phone: 562-597-1055 City: Norwalk P.O. No.: 04-NDIA-002/3  
 Fax: 562-597-1070 State & Zip: CA 90650 Quote No.: \_\_\_\_\_

### TAT Turnaround Codes \*\*

- ① = Same Day Rush
- ④ = 72 Hour Rush
- ② = 24 Hour Rush
- ⑤ = 5 Day Rush
- ③ = 48 Hour Rush
- X = 10 Working Days (Standard TAT)

### ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Special Instructions
DP-NE-1-SURFACE	9615669-01	7/14/14	0715	SOIL	1	X ④: add lead 7/28/14, P.F. A. C. Sa
DP-NE-1-5'	62		0740			
DP-NE-1-10'	03		0750			
DP-NE-1-20'	04		0805			
DP-NE-2-SURFACE	05		0815			
DP-NE-2-5'	06		0840			
DP-NE-2-10'	07		0846			
DP-NE-2-20'	08		0855			
DP-EAST-1-SURFACE	09		0915			
DP-EAST-1-5'	10		0923			
DP-EAST-1-10'	11		0930			
DP-EAST-1-20'	12		0947			
DP-80008-1-SURFACE	13		1010			
DP-80008-1-5'	14		1019			
DP-80008-1-10'	15		1025			

6010 Malibu  
571C R6

For Laboratory Use:  
**REVIEWED**  
 Date: 7/15/14 Time: 11:45  
 TAT in Days: \_\_\_\_\_ Sign: [Signature]

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	7/15/14	0840	<u>[Signature]</u>		
<u>[Signature]</u>	7/15/14	1035	<u>[Signature]</u>		
<u>[Signature]</u>			<u>[Signature]</u>		

A.A. Project No.: AS331083/4615099  
 Note: By relinquishing samples to American Analyticals, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analyticals.





# AMERICAN ANALYTICALS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311  
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 170379

70040366 Page 2 of 3

Client: The Source Group Inc Project Name / No.: NDLA Norwalk-Metals Evaluation Sampler's Name: Deryck Roberts

Project Manager: Paul Parmentier Site Address: 15306 Norwalk Blvd Sampler's Signature: [Signature]

Phone: 562-597-1055 City: Norwalk P.O. No.: CA-NDLA-20213

Fax: 562-597-1070 State & Zip: CA 90680 Quote No.: \_\_\_\_\_

TAT Turnaround Codes \*\*

- ① = Same Day Rush
- ④ = 72 Hour Rush
- ② = 24 Hour Rush
- ⑤ = 5 Day Rush
- ③ = 48 Hour Rush
- X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont.	Please enter the TAT Turnaround Codes ** below		Special Instructions
DP-80008-1-20'	4915009-18	7/14/14	1040	SOIL	1	X		
DP-80007-1-SURFACE	17		1100					
DP-80007-1-5'	18		1107					
DP-80007-1-10'	19		1114					
DP-80007-1-20'	20		1125					
DP-80006-1-SURFACE	21		1125					
DP-80006-1-5'	22		1143					
DP-80006-1-10'	23		1150					
DP-80006-1-20'	24		1205					
DP-80005-2-SURFACE	25		1240					
DP-80005-2-5'	26		1250					
DP-80005-2-10'	27		1259					
DP-80005-2-2'	28		1315					
DP-80005-1-SURFACE	29		1319					
DP-80005-1-5'	30		1335					

For Laboratory Use

REVIEWED

Date: 7/15/14 Time: 1145

TAT N Days Sign: [Signature]

A.A. Project No.: AC31083/4415006

Relinquished by [Signature]

Time

Date

Received by

Relinquished by [Signature]

Time

Date

Received by

Relinquished by [Signature]

Time

Date

Received by

Note: By relinquishing samples to American Analyticals, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analyticals.



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311  
Tel: 818-998-5547 FAX: 818-998-7258

A.A. C.O.C. No. 700335  
70040367 Page 3 of 3

Client: The Source Group Inc Project Name / No.: NDLA Norwalk - Metals Evaluation Sampler's Name: DEYON ROBERTS  
 Project Manager: Paul Parmentier Site Address: 15308 Norwalk Blvd Sampler's Signature: [Signature]  
 Phone: 562-597-1055 City: Norwalk P.O. No.: NDLA-00713  
 Fax: 562-597-1070 State & Zip: CA 90650 Quote No.:

- TAT Turnaround Codes \*\*
- ① = Same Day Rush
  - ④ = 72 Hour Rush
  - ② = 24 Hour Rush
  - ⑤ = 5 Day Rush
  - ③ = 48 Hour Rush
  - X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Please enter the TAT Turnaround Codes ** below		Special Instructions
DP-80005-1-10'	4615004-31	7/14/14	1341	SOIL	1	X		Special Instructions 212/14/14 A. Carbon
DP-80005-1-20'	32		1352					
DP-80002-1-SURFACE	33		1455					
DP-80002-1-5'	34		1570					
DP-80002-1-10'	35		1515					
DP-80002-1-20'	36		1530					
DP-80001-1-SURFACE	37		1405					
DP-80001-1-5'	38		1421					
DP-80001-1-10'	39		1430					
DP-80001-1-15'	40		1437					
DP-80001-1-20'	41		1447					

For Laboratory Use

**REVIEWED**  
Date 7/15/14 Time 1145  
TAT N Days Sign: [Signature]

Relinquished by	Date	Time	Received by	Time
<u>[Signature]</u>	<u>7/15/14</u>	<u>0840</u>	<u>[Signature]</u>	
<u>[Signature]</u>	<u>7/15/14</u>	<u>1035</u>	<u>[Signature]</u>	
<u>[Signature]</u>			<u>[Signature]</u>	

A.A. Project No.: A5321083 / 4615004

Note: By relinquishing samples to American Analytix, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytix.

**APPENDIX B**  
**LABORATORY REPORTS**



9765 Eton Avenue  
Chatsworth  
California 91311  
Tel: (818) 998-5547  
Fax: (818) 998-7258

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July 08, 2015

Neil Irish

The Source Group, Inc. (SH)  
1962 Freeman Ave.  
Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007  
A5331391 / 5G02002**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 07/02/15 07:45 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**8082 PCBs**

CS-10-46A-M	5G02002-08	Soil	5	07/01/15 16:14	07/02/15 07:45
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**8260B/5035 +OXY+TPHG**

CS-10-65-JD	5G02002-01	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-10-54A-JD	5G02002-02	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-10-61A-JD	5G02002-03	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-10-48A-JD	5G02002-04	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-10-40A-JD	5G02002-05	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-10-42A-M	5G02002-06	Soil	1	07/01/15 15:55	07/02/15 07:45
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CS-10-42A-L	5G02002-07	Soil	1	07/01/15 16:02	07/02/15 07:45
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CS-10-46A-M	5G02002-08	Soil	1	07/01/15 16:14	07/02/15 07:45
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CS-10-46A-L	5G02002-09	Soil	1	07/01/15 16:17	07/02/15 07:45
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**8270C PAHs SIM**

CS-10-46A-M	5G02002-08	Soil	5	07/01/15 16:14	07/02/15 07:45
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**Carbon Chain Custom**

CS-10-54A-JD	5G02002-02	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-10-61A-JD	5G02002-03	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-10-40A-JD	5G02002-05	Soil	1	07/01/15 00:00	07/02/15 07:45
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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
CS-10-42A-M	5G02002-06	Soil	1	07/01/15 15:55	07/02/15 07:45
CS-10-42A-L	5G02002-07	Soil	1	07/01/15 16:02	07/02/15 07:45
CS-10-46A-M	5G02002-08	Soil	1	07/01/15 16:14	07/02/15 07:45
CS-10-46A-L	5G02002-09	Soil	1	07/01/15 16:17	07/02/15 07:45

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** PAHs SIM by EPA 8270C

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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**Date Sampled:** 07/01/15  
**Date Prepared:** 07/06/15  
**Date Analyzed:** 07/06/15  
**AA ID No:** 5G02002-08  
**Client ID No:** CS-10-46A-M  
**Matrix:** Soil  
**Dilution Factor:** 50 MRL

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**8270C PAHs SIM (EPA 8270M)**

Acenaphthene	<0.50	0.010
Acenaphthylene	<0.50	0.010
Anthracene	<0.50	0.010
Benzo(a)anthracene	<0.50	0.010
Benzo(a)pyrene	<0.50	0.010
Benzo(b)fluoranthene	<0.50	0.010
Benzo(g,h,i)perylene	<0.50	0.010
Benzo(k)fluoranthene	<0.50	0.010
Chrysene	<0.50	0.010
Dibenzo(a,h)anthracene	<0.50	0.010
Fluoranthene	<0.50	0.010
Fluorene	<0.50	0.010
Indeno (1,2,3-cd) pyrene	<2.0	0.040
Naphthalene	<0.50	0.010
Phenanthrene	<0.50	0.010
Pyrene	<0.50	0.010

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<b><u>Surrogates</u></b>		<b><u>%REC Limits</u></b>
2-Fluorobiphenyl	50%	43-116
Terphenyl-d14	75%	33-141

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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Polychlorinated Biphenyls by GC

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	
<b>Date Prepared:</b>	07/06/15	
<b>Date Analyzed:</b>	07/06/15	
<b>AA ID No:</b>	5G02002-08	
<b>Client ID No:</b>	CS-10-46A-M	
<b>Matrix:</b>	Soil	
<b>Dilution Factor:</b>	1	MRL

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**8082 PCBs (EPA 8082)**

Aroclor-1016	<0.020	0.020
Aroclor-1221	<0.020	0.020
Aroclor-1232	<0.020	0.020
Aroclor-1242	<0.020	0.020
Aroclor-1248	<0.020	0.020
Aroclor-1254	<0.020	0.020
Aroclor-1260	<0.020	0.020

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**Surrogates**

		<b><u>%REC Limits</u></b>
Decachlorobiphenyl	77%	50-150
Tetrachloro-meta-xylene	80%	50-150

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**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02002-01	5G02002-02	5G02002-03	5G02002-04	
<b>Client ID No:</b>	CS-10-65-JD	CS-10-54A-JD	CS-10-61A-JD	CS-10-48A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<b>0.068</b>	<b>0.070</b>	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02002-01	5G02002-02	5G02002-03	5G02002-04	
<b>Client ID No:</b>	CS-10-65-JD	CS-10-54A-JD	CS-10-61A-JD	CS-10-48A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02002-01	5G02002-02	5G02002-03	5G02002-04	
<b>Client ID No:</b>	CS-10-65-JD	CS-10-54A-JD	CS-10-61A-JD	CS-10-48A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

**Surrogates**

					<b>%REC Limits</b>
4-Bromofluorobenzene	96%	94%	102%	99%	70-140
Dibromofluoromethane	120%	117%	121%	121%	70-140
Toluene-d8	98%	96%	103%	100%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02002-05	5G02002-06	5G02002-07	5G02002-08	
<b>Client ID No:</b>	CS-10-40A-JD	CS-10-42A-M	CS-10-42A-L	CS-10-46A-M	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<b>0.054</b>	<0.050	<0.050	<b>0.077</b>	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02002-05	5G02002-06	5G02002-07	5G02002-08	
<b>Client ID No:</b>	CS-10-40A-JD	CS-10-42A-M	CS-10-42A-L	CS-10-46A-M	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02002-05	5G02002-06	5G02002-07	5G02002-08	
<b>Client ID No:</b>	CS-10-40A-JD	CS-10-42A-M	CS-10-42A-L	CS-10-46A-M	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

<b>Surrogates</b>					<b>%REC Limits</b>
4-Bromofluorobenzene	92%	105%	113%	111%	70-140
Dibromofluoromethane	123%	115%	120%	115%	70-140
Toluene-d8	97%	97%	99%	99%	70-140

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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**Date Sampled:** 07/01/15  
**Date Prepared:** 07/02/15  
**Date Analyzed:** 07/02/15  
**AA ID No:** 5G02002-09  
**Client ID No:** CS-10-46A-L  
**Matrix:** Soil  
**Dilution Factor:** 1

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MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050
Benzene	<0.010	0.010
Bromobenzene	<0.0050	0.0050
Bromochloromethane	<0.0050	0.0050
Bromodichloromethane	<0.0050	0.0050
Bromoform	<0.0050	0.0050
Bromomethane	<0.0050	0.0050
2-Butanone (MEK)	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	0.020
sec-Butylbenzene	<0.0050	0.0050
tert-Butylbenzene	<0.0050	0.0050
n-Butylbenzene	<0.0050	0.0050
Carbon Disulfide	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	0.0050
Chlorobenzene	<0.0050	0.0050
Chloroethane	<0.0050	0.0050
Chloroform	<0.0050	0.0050
Chloromethane	<0.0050	0.0050
2-Chlorotoluene	<0.0050	0.0050
4-Chlorotoluene	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	0.010
Dibromochloromethane	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	0.0050
Dibromomethane	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	0.0050

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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	
<b>Date Prepared:</b>	07/02/15	
<b>Date Analyzed:</b>	07/02/15	
<b>AA ID No:</b>	5G02002-09	
<b>Client ID No:</b>	CS-10-46A-L	
<b>Matrix:</b>	Soil	
<b>Dilution Factor:</b>	1	MRL

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**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	0.0050
Ethylbenzene	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	0.50
Hexachlorobutadiene	<0.010	0.010
2-Hexanone (MBK)	<0.050	0.050
Isopropylbenzene	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050
Methylene Chloride	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	0.050
Naphthalene	<0.010	0.010
n-Propylbenzene	<0.0050	0.0050

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**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

**Date Sampled:** 07/01/15  
**Date Prepared:** 07/02/15  
**Date Analyzed:** 07/02/15  
**AA ID No:** 5G02002-09  
**Client ID No:** CS-10-46A-L  
**Matrix:** Soil  
**Dilution Factor:** 1 MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	0.0050
Toluene	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	0.0050
Vinyl chloride	<0.0050	0.0050
o-Xylene	<0.0020	0.0020
m,p-Xylenes	<0.0020	0.0020

<u>Surrogates</u>		<u>%REC Limits</u>
4-Bromofluorobenzene	95%	70-140
Dibromofluoromethane	120%	70-140
Toluene-d8	97%	70-140

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/03/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02002-02	5G02002-03	5G02002-05	5G02002-06	
<b>Client ID No:</b>	CS-10-54A-JD	CS-10-61A-JD	CS-10-40A-JD	CS-10-42A-M	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<10	<b>31</b>	<b>16</b>	<b>18</b>	10
C23-C32	<b>29</b>	<b>190</b>	<b>110</b>	<b>130</b>	10
C33-C44	<b>26</b>	<b>170</b>	<b>120</b>	<b>130</b>	10

**Surrogates**

o-Terphenyl	100%	117%	116%	111%	<b><u>%REC Limits</u></b> 50-150
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**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02002-07	5G02002-08	5G02002-09	
<b>Client ID No:</b>	CS-10-42A-L	CS-10-46A-M	CS-10-46A-L	
<b>Matrix:</b>	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<b>26</b>	<b>56</b>	<b>37</b>	10
C23-C32	<b>120</b>	<b>320</b>	<b>220</b>	10
C33-C44	<b>120</b>	<b>270</b>	<b>220</b>	10

<b><u>Surrogates</u></b>				<b><u>%REC Limits</u></b>
o-Terphenyl	120%	127%	127%	50-150

**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)  
Project No: 04-NDLA-007  
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331391  
Date Received: 07/02/15  
Date Reported: 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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#### PAHs SIM by EPA 8270C - Quality Control

Batch B5G0605 - EPA 3545 MS

##### Blank (B5G0605-BLK1)

Prepared & Analyzed: 07/06/15

Acenaphthene	<0.010	0.010	mg/kg						
Acenaphthylene	<0.010	0.010	mg/kg						
Anthracene	<0.010	0.010	mg/kg						
Benzo(a)anthracene	<0.010	0.010	mg/kg						
Benzo(a)pyrene	<0.010	0.010	mg/kg						
Benzo(b)fluoranthene	<0.010	0.010	mg/kg						
Benzo(g,h,i)perylene	<0.010	0.010	mg/kg						
Benzo(k)fluoranthene	<0.010	0.010	mg/kg						
Chrysene	<0.010	0.010	mg/kg						
Dibenzo(a,h)anthracene	<0.010	0.010	mg/kg						
Fluoranthene	<0.010	0.010	mg/kg						
Fluorene	<0.010	0.010	mg/kg						
Indeno (1,2,3-cd) pyrene	<0.040	0.040	mg/kg						
Naphthalene	<0.010	0.010	mg/kg						
Phenanthrene	<0.010	0.010	mg/kg						
Pyrene	<0.010	0.010	mg/kg						

Surrogate: 2-Fluorobiphenyl

0.0254

mg/kg

0.040

63.5 43-116

Surrogate: Terphenyl-dl4

0.0326

mg/kg

0.040

81.5 33-141

##### LCS (B5G0605-BS1)

Prepared & Analyzed: 07/06/15

Acenaphthene	<b>0.0264</b>	0.010	mg/kg	0.040		66.0	30-140		
Acenaphthylene	<b>0.0288</b>	0.010	mg/kg	0.040		72.0	30-140		
Anthracene	<b>0.0310</b>	0.010	mg/kg	0.040		77.5	30-140		
Benzo(a)anthracene	<b>0.0388</b>	0.010	mg/kg	0.040		97.0	30-140		
Benzo(a)pyrene	<b>0.0432</b>	0.010	mg/kg	0.040		108	30-140		
Benzo(b)fluoranthene	<b>0.0458</b>	0.010	mg/kg	0.040		114	30-140		
Benzo(g,h,i)perylene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140		
Benzo(k)fluoranthene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140		
Chrysene	<b>0.0522</b>	0.010	mg/kg	0.040		130	30-140		
Dibenzo(a,h)anthracene	<b>0.0442</b>	0.010	mg/kg	0.040		110	30-140		
Fluoranthene	<b>0.0350</b>	0.010	mg/kg	0.040		87.5	30-140		
Fluorene	<b>0.0302</b>	0.010	mg/kg	0.040		75.5	30-140		

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control**

*Batch B5G0605 - EPA 3545 MS*

**LCS (B5G0605-BS1) Continued**

Prepared & Analyzed: 07/06/15

Indeno (1,2,3-cd) pyrene	<b>0.0504</b>	0.040	mg/kg	0.040		126	30-140			
Naphthalene	<b>0.0282</b>	0.010	mg/kg	0.040		70.5	30-140			
Phenanthrene	<b>0.0304</b>	0.010	mg/kg	0.040		76.0	30-140			
Pyrene	<b>0.0326</b>	0.010	mg/kg	0.040		81.5	30-140			

*Surrogate: 2-Fluorobiphenyl*

*0.0238*

*mg/kg*

*0.040*

*59.5*

*43-116*

*Surrogate: Terphenyl-dl4*

*0.0292*

*mg/kg*

*0.040*

*73.0*

*33-141*

**LCS Dup (B5G0605-BSD1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<b>0.0326</b>	0.010	mg/kg	0.040		81.5	30-140	21.0	40	
Acenaphthylene	<b>0.0348</b>	0.010	mg/kg	0.040		87.0	30-140	18.9	40	
Anthracene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140	14.4	40	
Benzo(a)anthracene	<b>0.0446</b>	0.010	mg/kg	0.040		112	30-140	13.9	40	
Benzo(a)pyrene	<b>0.0488</b>	0.010	mg/kg	0.040		122	30-140	12.2	40	
Benzo(b)fluoranthene	<b>0.0514</b>	0.010	mg/kg	0.040		128	30-140	11.5	40	
Benzo(g,h,i)perylene	<b>0.0416</b>	0.010	mg/kg	0.040		104	30-140	15.0	40	
Benzo(k)fluoranthene	<b>0.0402</b>	0.010	mg/kg	0.040		100	30-140	11.6	40	
Chrysene	<b>0.0538</b>	0.010	mg/kg	0.040		134	30-140	3.02	40	
Dibenzo(a,h)anthracene	<b>0.0510</b>	0.010	mg/kg	0.040		128	30-140	14.3	40	
Fluoranthene	<b>0.0410</b>	0.010	mg/kg	0.040		102	30-140	15.8	40	
Fluorene	<b>0.0360</b>	0.010	mg/kg	0.040		90.0	30-140	17.5	40	
Indeno (1,2,3-cd) pyrene	<b>0.0532</b>	0.040	mg/kg	0.040		133	30-140	5.41	40	
Naphthalene	<b>0.0334</b>	0.010	mg/kg	0.040		83.5	30-140	16.9	40	
Phenanthrene	<b>0.0356</b>	0.010	mg/kg	0.040		89.0	30-140	15.8	40	
Pyrene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140	9.36	40	

*Surrogate: 2-Fluorobiphenyl*

*0.0244*

*mg/kg*

*0.040*

*61.0*

*43-116*

*Surrogate: Terphenyl-dl4*

*0.0280*

*mg/kg*

*0.040*

*70.0*

*33-141*

**Polychlorinated Biphenyls by GC - Quality Control**

*Batch B5G0606 - EPA 3550B*

**Blank (B5G0606-BLK1)**

Prepared & Analyzed: 07/06/15

Aroclor-1016	<0.020	0.020	mg/kg							
Aroclor-1221	<0.020	0.020	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**Polychlorinated Biphenyls by GC - Quality Control**

Batch B5G0606 - EPA 3550B

**Blank (B5G0606-BLK1) Continued**

Prepared & Analyzed: 07/06/15

Aroclor-1232	<0.020	0.020	mg/kg							
Aroclor-1242	<0.020	0.020	mg/kg							
Aroclor-1248	<0.020	0.020	mg/kg							
Aroclor-1254	<0.020	0.020	mg/kg							
Aroclor-1260	<0.020	0.020	mg/kg							

Surrogate: Decachlorobiphenyl	0.00459		mg/kg	0.0050		91.8	50-150			
Surrogate: Tetrachloro-meta-xylene	0.00332		mg/kg	0.0050		66.3	50-150			

**LCS (B5G0606-BS1)**

Prepared & Analyzed: 07/06/15

Aroclor-1016	<b>0.0524</b>	0.020	mg/kg	0.050		105	60-140			
Aroclor-1260	<b>0.0517</b>	0.020	mg/kg	0.050		103	60-140			

Surrogate: Decachlorobiphenyl	0.00464		mg/kg	0.0050		92.9	50-150			
Surrogate: Tetrachloro-meta-xylene	0.00293		mg/kg	0.0050		58.7	50-150			

**LCS Dup (B5G0606-BSD1)**

Prepared & Analyzed: 07/06/15

Aroclor-1016	<b>0.0433</b>	0.020	mg/kg	0.050		86.6	60-140	19.0	40	
Aroclor-1260	<b>0.0505</b>	0.020	mg/kg	0.050		101	60-140	2.35	40	

Surrogate: Decachlorobiphenyl	0.00490		mg/kg	0.0050		98.0	50-150			
Surrogate: Tetrachloro-meta-xylene	0.00254		mg/kg	0.0050		50.7	50-150			

**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0201 - EPA 5035

**Blank (B5G0201-BLK1)**

Prepared & Analyzed: 07/02/15

Acetone	<0.050	0.050	mg/kg							
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050	mg/kg							
Benzene	<0.010	0.010	mg/kg							
Bromobenzene	<0.0050	0.0050	mg/kg							
Bromochloromethane	<0.0050	0.0050	mg/kg							
Bromodichloromethane	<0.0050	0.0050	mg/kg							
Bromoform	<0.0050	0.0050	mg/kg							
Bromomethane	<0.0050	0.0050	mg/kg							
2-Butanone (MEK)	<0.050	0.050	mg/kg							
tert-Butyl alcohol (TBA)	<0.020	0.020	mg/kg							

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	Limit	Notes
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#### VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B5G0201 - EPA 5035

#### Blank (B5G0201-BLK1) Continued

Prepared & Analyzed: 07/02/15

sec-Butylbenzene	<0.0050	0.0050	mg/kg							
tert-Butylbenzene	<0.0050	0.0050	mg/kg							
n-Butylbenzene	<0.0050	0.0050	mg/kg							
Carbon Disulfide	<0.0050	0.0050	mg/kg							
Carbon Tetrachloride	<0.0050	0.0050	mg/kg							
Chlorobenzene	<0.0050	0.0050	mg/kg							
Chloroethane	<0.0050	0.0050	mg/kg							
Chloroform	<0.0050	0.0050	mg/kg							
Chloromethane	<0.0050	0.0050	mg/kg							
2-Chlorotoluene	<0.0050	0.0050	mg/kg							
4-Chlorotoluene	<0.0050	0.0050	mg/kg							
1,2-Dibromo-3-chloropropane	<0.010	0.010	mg/kg							
Dibromochloromethane	<0.0050	0.0050	mg/kg							
1,2-Dibromoethane (EDB)	<0.0050	0.0050	mg/kg							
Dibromomethane	<0.0050	0.0050	mg/kg							
1,4-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,3-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,2-Dichlorobenzene	<0.0050	0.0050	mg/kg							
Dichlorodifluoromethane (R12)	<0.0050	0.0050	mg/kg							
1,1-Dichloroethane	<0.0050	0.0050	mg/kg							
1,2-Dichloroethane (EDC)	<0.0050	0.0050	mg/kg							
trans-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
cis-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
1,1-Dichloroethylene	<0.0050	0.0050	mg/kg							
2,2-Dichloropropane	<0.0050	0.0050	mg/kg							
1,3-Dichloropropane	<0.0050	0.0050	mg/kg							
1,2-Dichloropropane	<0.0050	0.0050	mg/kg							
trans-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
1,1-Dichloropropylene	<0.0050	0.0050	mg/kg							
cis-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
Diisopropyl ether (DIPE)	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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#### VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B5G0201 - EPA 5035

#### Blank (B5G0201-BLK1) Continued

Prepared & Analyzed: 07/02/15

Ethylbenzene	<0.0020	0.0020	mg/kg							
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050	mg/kg							
Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg							
Hexachlorobutadiene	<0.010	0.010	mg/kg							
2-Hexanone (MBK)	<0.050	0.050	mg/kg							
Isopropylbenzene	<0.0050	0.0050	mg/kg							
4-Isopropyltoluene	<0.0050	0.0050	mg/kg							
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050	mg/kg							
Methylene Chloride	<0.050	0.050	mg/kg							
4-Methyl-2-pentanone (MIBK)	<0.050	0.050	mg/kg							
Naphthalene	<0.010	0.010	mg/kg							
n-Propylbenzene	<0.0050	0.0050	mg/kg							
Styrene	<0.0050	0.0050	mg/kg							
1,1,1,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
1,1,2,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
Tetrachloroethylene (PCE)	<0.0050	0.0050	mg/kg							
Toluene	<0.0020	0.0020	mg/kg							
1,2,4-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,2,3-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,1,2-Trichloroethane	<0.0050	0.0050	mg/kg							
1,1,1-Trichloroethane	<0.0050	0.0050	mg/kg							
Trichloroethylene (TCE)	<0.0050	0.0050	mg/kg							
Trichlorofluoromethane (R11)	<0.0050	0.0050	mg/kg							
1,2,3-Trichloropropane	<0.0050	0.0050	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050	mg/kg							
1,3,5-Trimethylbenzene	<0.0050	0.0050	mg/kg							
1,2,4-Trimethylbenzene	<0.0050	0.0050	mg/kg							
Vinyl chloride	<0.0050	0.0050	mg/kg							
o-Xylene	<0.0020	0.0020	mg/kg							
m,p-Xylenes	<0.0020	0.0020	mg/kg							

**Viorel Vasile**  
Operations Manager





LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331391
Date Received: 07/02/15
Date Reported: 07/08/15

Table with 11 columns: Analyte, Reporting Result, Reporting Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B5G0201 - EPA 5035

Blank (B5G0201-BLK1) Continued

Prepared & Analyzed: 07/02/15

Table with 3 rows of surrogate data: 4-Bromofluorobenzene, Dibromofluoromethane, Toluene-d8

LCS (B5G0201-BS1)

Prepared & Analyzed: 07/02/15

Main table with 11 columns and 25 rows of chemical analysis results including Benzene, Bromodichloromethane, etc.

Handwritten signature

Viorel Vasile
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0201 - EPA 5035

**LCS (B5G0201-BS1) Continued**

Prepared & Analyzed: 07/02/15

o-Xylene	<b>0.0382</b>	0.0020	mg/kg	0.040		95.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.0831		mg/kg	0.10		83.1	70-140			
Surrogate: Dibromofluoromethane	0.109		mg/kg	0.10		109	70-140			
Surrogate: Toluene-d8	0.0942		mg/kg	0.10		94.2	70-140			

**LCS Dup (B5G0201-BSD1)**

Prepared & Analyzed: 07/02/15

Benzene	<b>0.0395</b>	0.010	mg/kg	0.040		98.8	75-125	4.19	30	
Bromodichloromethane	<b>0.0438</b>	0.0050	mg/kg	0.040		110	75-125	4.67	30	
Bromoform	<b>0.0432</b>	0.0050	mg/kg	0.040		108	75-125	3.11	30	
Carbon Tetrachloride	<b>0.0401</b>	0.0050	mg/kg	0.040		100	75-125	7.77	30	
Chlorobenzene	<b>0.0375</b>	0.0050	mg/kg	0.040		93.8	75-125	1.18	30	
Chloroethane	<b>0.0312</b>	0.0050	mg/kg	0.040		78.0	75-125	3.46	30	
Chloroform	<b>0.0406</b>	0.0050	mg/kg	0.040		101	75-125	6.05	30	
Chloromethane	<b>0.0303</b>	0.0050	mg/kg	0.040		75.7	65-125	6.62	30	
Dibromochloromethane	<b>0.0385</b>	0.0050	mg/kg	0.040		96.4	75-125	0.208	30	
1,4-Dichlorobenzene	<b>0.0378</b>	0.0050	mg/kg	0.040		94.6	75-125	3.33	30	
1,1-Dichloroethane	<b>0.0394</b>	0.0050	mg/kg	0.040		98.4	70-125	2.78	30	
1,2-Dichloroethane (EDC)	<b>0.0421</b>	0.0050	mg/kg	0.040		105	75-125	4.86	30	
trans-1,2-Dichloroethylene	<b>0.0413</b>	0.0050	mg/kg	0.040		103	75-125	1.12	30	
cis-1,2-Dichloroethylene	<b>0.0388</b>	0.0050	mg/kg	0.040		97.0	75-125	2.45	30	
1,1-Dichloroethylene	<b>0.0395</b>	0.0050	mg/kg	0.040		98.6	70-130	3.24	30	
1,2-Dichloropropane	<b>0.0425</b>	0.0050	mg/kg	0.040		106	75-130	5.61	30	
cis-1,3-Dichloropropylene	<b>0.0394</b>	0.0050	mg/kg	0.040		98.6	75-125	1.41	30	
Ethylbenzene	<b>0.0381</b>	0.0020	mg/kg	0.040		95.2	75-125	0.316	30	
Methyl-tert-Butyl Ether (MTBE)	<b>0.0418</b>	0.0050	mg/kg	0.040		104	75-125	3.65	30	
Methylene Chloride	<b>0.0436</b>	0.050	mg/kg	0.040		109	75-130	7.51	30	
1,1,2,2-Tetrachloroethane	<b>0.0374</b>	0.0050	mg/kg	0.040		93.6	70-135	0.375	30	
Tetrachloroethylene (PCE)	<b>0.0389</b>	0.0050	mg/kg	0.040		97.4	75-125	0.981	30	
Toluene	<b>0.0353</b>	0.0020	mg/kg	0.040		88.3	75-125	2.41	30	
1,1,2-Trichloroethane	<b>0.0379</b>	0.0050	mg/kg	0.040		94.6	75-125	1.49	30	
1,1,1-Trichloroethane	<b>0.0399</b>	0.0050	mg/kg	0.040		99.8	75-125	4.72	30	
Trichloroethylene (TCE)	<b>0.0439</b>	0.0050	mg/kg	0.040		110	75-125	4.81	30	

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>VOCs, OXY &amp; TPHG by GC/MS EPA 5035 - Quality Control</b>									
<i>Batch B5G0201 - EPA 5035</i>									
<b>LCS Dup (B5G0201-BSD1) Continued</b>					Prepared & Analyzed: 07/02/15				
Vinyl chloride	<b>0.0322</b>	0.0050	mg/kg	0.040		80.5 75-125	5.16	30	
o-Xylene	<b>0.0389</b>	0.0020	mg/kg	0.040		97.2 75-125	1.66	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0851</i>		<i>mg/kg</i>	<i>0.10</i>		<i>85.1 70-140</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>0.111</i>		<i>mg/kg</i>	<i>0.10</i>		<i>111 70-140</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0945</i>		<i>mg/kg</i>	<i>0.10</i>		<i>94.5 70-140</i>			
<b>Carbon Chain by GC/FID - Quality Control</b>									
<i>Batch B5G0211 - EPA 3550B</i>									
<b>Blank (B5G0211-BLK1)</b>					Prepared & Analyzed: 07/02/15				
C13-C22	<10	10	mg/kg						
C23-C32	<10	10	mg/kg						
C33-C44	<10	10	mg/kg						
<i>Surrogate: o-Terphenyl</i>	<i>10.8</i>		<i>mg/kg</i>	<i>10</i>		<i>108 50-150</i>			
<b>LCS (B5G0211-BS1)</b>					Prepared & Analyzed: 07/02/15				
Diesel Range Organics as Diesel	<b>195</b>	10	mg/kg	200		97.4 70-130			
<i>Surrogate: o-Terphenyl</i>	<i>11.5</i>		<i>mg/kg</i>	<i>10</i>		<i>115 50-150</i>			
<b>LCS Dup (B5G0211-BSD1)</b>					Prepared & Analyzed: 07/02/15				
Diesel Range Organics as Diesel	<b>203</b>	10	mg/kg	200		101 70-130	4.04	40	
<i>Surrogate: o-Terphenyl</i>	<i>11.4</i>		<i>mg/kg</i>	<i>10</i>		<i>114 50-150</i>			
<b>Matrix Spike (B5G0211-MS1)</b>					Source: 5G02003-10 Prepared & Analyzed: 07/02/15				
Diesel Range Organics as Diesel	<b>258</b>	10	mg/kg	210		125 60-140			
<i>Surrogate: o-Terphenyl</i>	<i>11.7</i>		<i>mg/kg</i>	<i>10</i>		<i>113 50-150</i>			
<b>Matrix Spike Dup (B5G0211-MSD1)</b>					Source: 5G02003-10 Prepared & Analyzed: 07/02/15				
Diesel Range Organics as Diesel	<b>289</b>	10	mg/kg	210		139 60-140	11.1	40	
<i>Surrogate: o-Terphenyl</i>	<i>11.7</i>		<i>mg/kg</i>	<i>10</i>		<i>113 50-150</i>			

**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331391  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

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### Special Notes

Gasoline Range Organics (GRO) concentration represents the C4-C12 carbon range.

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**Viorel Vasile**  
Operations Manager



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311 Resampled Clean Soil  
 Tel: 818-998-5547 FAX: 818-998-7258 Pile C-C-S-10-EXOS-SFOI

A.A. COC No.: 122878  
 70043363 of 2

Client: THE SOURCE GROUP INC Project Name / No.: 04-NDLA-007 Sampler's Name: Bob Bobataville  
 Project Manager: Kenneth Nellish Site Address: 15300 Norwalk Blvd Sampler's Signature: \_\_\_\_\_  
 Phone: 509 287 1055 City: Norwalk P.O. No.: 04-NDLA-007  
 Fax: 509 287 1070 State & Zip: CA 90650 Quote No.: \_\_\_\_\_

### TAT Turnaround Codes \*\*

- ① = Same Day Rush
- ④ = 72 Hour Rush
- ② = 24 Hour Rush
- ⑤ = 5 Day Rush
- ③ = 48 Hour Rush
- X = 10 Working Days (Standard TAT)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	ANALYSIS REQUESTED (Test Name)		Special Instructions
						ANALYSIS REQUESTED (Test Name)	ANALYSIS REQUESTED (Test Name)	
CS-10-65-SD	SG02-002-01	7/11/15		SOIL	4	TPH CARBON VCS OXIS VCS OXIS VCS OXIS VCS OXIS VCS OXIS		HOLD TPH
CS-10-54A-SD	-02							
CS-10-61A-SD	-03							
CS-10-48A-SD	-04							
CS-10-40A-SD	-05							

For Laboratory Use

**PRIORITY**

Rush 24 Hrs SH  
 Date 7/2/15 Time 0830 Sign [Signature]

A.A. Project No.: AS331391/SG02002

Relinquished by	<u>[Signature]</u>	Date	<u>7/1/15</u>	Time	<u>6:30pm</u>	Received by	<u>[Signature]</u>
Relinquished by	<u>[Signature]</u>	Date	<u>7/2/15</u>	Time	<u>7:45am</u>	Received by	<u>[Signature]</u>
Relinquished by		Date		Time		Received by	

Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311 Resampled Clean Soil  
 Tel: 818-998-5547 FAX: 818-998-7258 Pile C-CS-10-EX05-Spoil

A.A. COG No.: 122876

70043361  
 Page 1 of 1

Client: The Source Group, Inc. Project Name / No.: 04-NDLA-007  
 Project Manager: Ken Wan / Neil Irish Site Address: 15306 Norwalk Blvd. Norwalk, CA 90650  
 Phone: 562-597-1055 City: Norwalk State & Zip: CA 90650  
 Fax: 562-597-1070  
 Sampler's Name: Stephenk Lapera Norwalk  
 Sampler's Signature: [Signature] P.O. No.: 04-NDLA-007  
 Quote No.:

### TAT Turnaround Codes \*\*

- ① = Same Day Rush
- ② = 24 Hour Rush
- ③ = 48 Hour Rush
- ④ = 72 Hour Rush
- ⑤ = 5 Day Rush
- X = 10 Working Days (Standard TAT)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	ANALYSIS REQUESTED (Test Name)		Special Instructions
						PH Carbon	PH Carbon	
S10-42A-M	5G02002-06	7/1/15	1555	Soil	4	PH Carbon	PH Carbon	Added on 7/2/15
S10-42A-L	-07	7/1/15	1602	Soil	4	PH Carbon	PH Carbon	Added on 7/2/15
S10-46A-M	-08	7/1/15	1614	Soil	4	PH Carbon	PH Carbon	Added on 7/2/15
S10-46A-L	-09	7/1/15	1617	Soil	4	PH Carbon	PH Carbon	Added on 7/2/15

For Laboratory Use

**PRIORITY**

Rough 24 Hrs SH  
 Date 7/2/15 Time 0830 Sign [Signature]

A.A. Project No.: AS331391/5902002

Note: By relinquishing samples to American Analytix, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytix.



9765 Eton Avenue  
Chatsworth  
California 91311  
Tel: (818) 998-5547  
Fax: (818) 998-7258

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July 08, 2015

Neil Irish

The Source Group, Inc. (SH)  
1962 Freeman Ave.  
Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007  
A5331392 / 5G02003**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 07/02/15 07:45 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**8082 PCBs**

CS-1-69A-M	5G02003-06	Soil	5	07/01/15 00:00	07/02/15 07:45
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**8260B/5035 +OXY+TPHG**

CS-1-86A-JD	5G02003-01	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-69A-L	5G02003-02	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-75A-JD	5G02003-03	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-75-JD	5G02003-04	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-78A-JD	5G02003-05	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-69A-M	5G02003-06	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-85-JD	5G02003-07	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-73A-JD	5G02003-08	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-71A-L	5G02003-09	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-71A-M	5G02003-10	Soil	1	07/01/15 00:00	07/02/15 07:45
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**8270C PAHs SIM**

CS-1-69A-M	5G02003-06	Soil	5	07/01/15 00:00	07/02/15 07:45
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**Carbon Chain Custom**

CS-1-86A-JD	5G02003-01	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-1-69A-L	5G02003-02	Soil	1	07/01/15 00:00	07/02/15 07:45
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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
CS-1-75A-JD	5G02003-03	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-1-75-JD	5G02003-04	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-1-78A-JD	5G02003-05	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-1-69A-M	5G02003-06	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-1-85-JD	5G02003-07	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-1-73A-JD	5G02003-08	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-1-71A-L	5G02003-09	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-1-71A-M	5G02003-10	Soil	1	07/01/15 00:00	07/02/15 07:45

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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** PAHs SIM by EPA 8270C

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	
<b>Date Prepared:</b>	07/06/15	
<b>Date Analyzed:</b>	07/06/15	
<b>AA ID No:</b>	5G02003-06	
<b>Client ID No:</b>	CS-1-69A-M	
<b>Matrix:</b>	Soil	
<b>Dilution Factor:</b>	5	MRL

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**8270C PAHs SIM (EPA 8270M)**

Acenaphthene	<0.050	0.010
Acenaphthylene	<0.050	0.010
Anthracene	<0.050	0.010
Benzo(a)anthracene	<0.050	0.010
Benzo(a)pyrene	<0.050	0.010
Benzo(b)fluoranthene	<0.050	0.010
Benzo(g,h,i)perylene	<0.050	0.010
Benzo(k)fluoranthene	<0.050	0.010
Chrysene	<0.050	0.010
Dibenzo(a,h)anthracene	<0.050	0.010
Fluoranthene	<0.050	0.010
Fluorene	<0.050	0.010
Indeno (1,2,3-cd) pyrene	<0.20	0.040
Naphthalene	<0.050	0.010
Phenanthrene	<0.050	0.010
Pyrene	<0.050	0.010

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**Surrogates**

		<b><u>%REC Limits</u></b>
2-Fluorobiphenyl	68%	43-116
Terphenyl-d14	70%	33-141

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**Viorel Vasile**  
Operations Manager

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**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Polychlorinated Biphenyls by GC

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	
<b>Date Prepared:</b>	07/06/15	
<b>Date Analyzed:</b>	07/06/15	
<b>AA ID No:</b>	5G02003-06	
<b>Client ID No:</b>	CS-1-69A-M	
<b>Matrix:</b>	Soil	
<b>Dilution Factor:</b>	1	MRL

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**8082 PCBs (EPA 8082)**

Aroclor-1016	<0.020	0.020
Aroclor-1221	<0.020	0.020
Aroclor-1232	<0.020	0.020
Aroclor-1242	<0.020	0.020
Aroclor-1248	<0.020	0.020
Aroclor-1254	<0.020	0.020
Aroclor-1260	<0.020	0.020

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**Surrogates**

		<b><u>%REC Limits</u></b>
Decachlorobiphenyl	91%	50-150
Tetrachloro-meta-xylene	97%	50-150

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02003-01	5G02003-02	5G02003-03	5G02003-04	
<b>Client ID No:</b>	CS-1-86A-JD	CS-1-69A-L	CS-1-75A-JD	CS-1-75-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<b>0.064</b>	<0.050	<0.050	<b>0.10</b>	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02003-01	5G02003-02	5G02003-03	5G02003-04	
<b>Client ID No:</b>	CS-1-86A-JD	CS-1-69A-L	CS-1-75A-JD	CS-1-75-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02003-01	5G02003-02	5G02003-03	5G02003-04	
<b>Client ID No:</b>	CS-1-86A-JD	CS-1-69A-L	CS-1-75A-JD	CS-1-75-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<b>0.0047</b>	<0.0020	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

**Surrogates**

					<b>%REC Limits</b>
4-Bromofluorobenzene	93%	90%	98%	104%	70-140
Dibromofluoromethane	117%	118%	124%	120%	70-140
Toluene-d8	98%	95%	99%	103%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02003-05	5G02003-06	5G02003-07	5G02003-08	
<b>Client ID No:</b>	CS-1-78A-JD	CS-1-69A-M	CS-1-85-JD	CS-1-73A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<b>0.065</b>	<b>0.12</b>	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02003-05	5G02003-06	5G02003-07	5G02003-08	
<b>Client ID No:</b>	CS-1-78A-JD	CS-1-69A-M	CS-1-85-JD	CS-1-73A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02003-05	5G02003-06	5G02003-07	5G02003-08	
<b>Client ID No:</b>	CS-1-78A-JD	CS-1-69A-M	CS-1-85-JD	CS-1-73A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<b>0.0023</b>	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

<b>Surrogates</b>					<b>%REC Limits</b>
4-Bromofluorobenzene	96%	107%	103%	104%	70-140
Dibromofluoromethane	125%	124%	124%	129%	70-140
Toluene-d8	97%	102%	102%	104%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02003-09	5G02003-10	
<b>Client ID No:</b>	CS-1-71A-L	CS-1-71A-M	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<b>0.072</b>	<b>0.080</b>	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02003-09	5G02003-10	
<b>Client ID No:</b>	CS-1-71A-L	CS-1-71A-M	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02003-09	5G02003-10	
<b>Client ID No:</b>	CS-1-71A-L	CS-1-71A-M	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	0.0050
Toluene	<b>0.0022</b>	<b>0.0032</b>	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	0.0020

<b>Surrogates</b>			<b>%REC Limits</b>
4-Bromofluorobenzene	106%	108%	70-140
Dibromofluoromethane	135%	124%	70-140
Toluene-d8	107%	106%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/02/15	07/02/15	07/03/15	
<b>AA ID No:</b>	5G02003-01	5G02003-02	5G02003-03	5G02003-04	
<b>Client ID No:</b>	CS-1-86A-JD	CS-1-69A-L	CS-1-75A-JD	CS-1-75-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<b>37</b>	<10	<10	<b>13</b>	10
C23-C32	<b>200</b>	<10	<b>87</b>	<b>120</b>	10
C33-C44	<b>160</b>	<10	<b>130</b>	<b>150</b>	10

**Surrogates**

o-Terphenyl	60%	110%	119%	112%	<b><u>%REC Limits</u></b> 50-150
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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/03/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02003-05	5G02003-06	5G02003-07	5G02003-08	
<b>Client ID No:</b>	CS-1-78A-JD	CS-1-69A-M	CS-1-85-JD	CS-1-73A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<10	<b>11</b>	<b>53</b>	<b>13</b>	10
C23-C32	<b>21</b>	<b>120</b>	<b>290</b>	<b>100</b>	10
C33-C44	<b>20</b>	<b>140</b>	<b>210</b>	<b>140</b>	10

<b><u>Surrogates</u></b>					<b><u>%REC Limits</u></b>
o-Terphenyl	107%	114%	125%	112%	50-150

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02003-09	5G02003-10	
<b>Client ID No:</b>	CS-1-71A-L	CS-1-71A-M	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

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**Carbon Chain Custom (EPA 8015M)**

C13-C22	<10	<10	10
C23-C32	<b>33</b>	<b>21</b>	10
C33-C44	<b>32</b>	<b>24</b>	10

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<b><u>Surrogates</u></b>			<b><u>%REC Limits</u></b>
o-Terphenyl	115%	109%	50-150

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**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control**

Batch B5G0605 - EPA 3545 MS

**Blank (B5G0605-BLK1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<0.010	0.010	mg/kg						
Acenaphthylene	<0.010	0.010	mg/kg						
Anthracene	<0.010	0.010	mg/kg						
Benzo(a)anthracene	<0.010	0.010	mg/kg						
Benzo(a)pyrene	<0.010	0.010	mg/kg						
Benzo(b)fluoranthene	<0.010	0.010	mg/kg						
Benzo(g,h,i)perylene	<0.010	0.010	mg/kg						
Benzo(k)fluoranthene	<0.010	0.010	mg/kg						
Chrysene	<0.010	0.010	mg/kg						
Dibenzo(a,h)anthracene	<0.010	0.010	mg/kg						
Fluoranthene	<0.010	0.010	mg/kg						
Fluorene	<0.010	0.010	mg/kg						
Indeno (1,2,3-cd) pyrene	<0.040	0.040	mg/kg						
Naphthalene	<0.010	0.010	mg/kg						
Phenanthrene	<0.010	0.010	mg/kg						
Pyrene	<0.010	0.010	mg/kg						

Surrogate: 2-Fluorobiphenyl

0.0254

mg/kg

0.040

63.5 43-116

Surrogate: Terphenyl-dl4

0.0326

mg/kg

0.040

81.5 33-141

**LCS (B5G0605-BS1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<b>0.0264</b>	0.010	mg/kg	0.040		66.0	30-140		
Acenaphthylene	<b>0.0288</b>	0.010	mg/kg	0.040		72.0	30-140		
Anthracene	<b>0.0310</b>	0.010	mg/kg	0.040		77.5	30-140		
Benzo(a)anthracene	<b>0.0388</b>	0.010	mg/kg	0.040		97.0	30-140		
Benzo(a)pyrene	<b>0.0432</b>	0.010	mg/kg	0.040		108	30-140		
Benzo(b)fluoranthene	<b>0.0458</b>	0.010	mg/kg	0.040		114	30-140		
Benzo(g,h,i)perylene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140		
Benzo(k)fluoranthene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140		
Chrysene	<b>0.0522</b>	0.010	mg/kg	0.040		130	30-140		
Dibenzo(a,h)anthracene	<b>0.0442</b>	0.010	mg/kg	0.040		110	30-140		
Fluoranthene	<b>0.0350</b>	0.010	mg/kg	0.040		87.5	30-140		
Fluorene	<b>0.0302</b>	0.010	mg/kg	0.040		75.5	30-140		

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control**

Batch B5G0605 - EPA 3545 MS

**LCS (B5G0605-BS1) Continued**

Prepared &amp; Analyzed: 07/06/15

Indeno (1,2,3-cd) pyrene	<b>0.0504</b>	0.040	mg/kg	0.040		126	30-140			
Naphthalene	<b>0.0282</b>	0.010	mg/kg	0.040		70.5	30-140			
Phenanthrene	<b>0.0304</b>	0.010	mg/kg	0.040		76.0	30-140			
Pyrene	<b>0.0326</b>	0.010	mg/kg	0.040		81.5	30-140			

Surrogate: 2-Fluorobiphenyl

0.0238

mg/kg

0.040

59.5 43-116

Surrogate: Terphenyl-dl4

0.0292

mg/kg

0.040

73.0 33-141

**LCS Dup (B5G0605-BSD1)**

Prepared &amp; Analyzed: 07/06/15

Acenaphthene	<b>0.0326</b>	0.010	mg/kg	0.040		81.5	30-140	21.0	40	
Acenaphthylene	<b>0.0348</b>	0.010	mg/kg	0.040		87.0	30-140	18.9	40	
Anthracene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140	14.4	40	
Benzo(a)anthracene	<b>0.0446</b>	0.010	mg/kg	0.040		112	30-140	13.9	40	
Benzo(a)pyrene	<b>0.0488</b>	0.010	mg/kg	0.040		122	30-140	12.2	40	
Benzo(b)fluoranthene	<b>0.0514</b>	0.010	mg/kg	0.040		128	30-140	11.5	40	
Benzo(g,h,i)perylene	<b>0.0416</b>	0.010	mg/kg	0.040		104	30-140	15.0	40	
Benzo(k)fluoranthene	<b>0.0402</b>	0.010	mg/kg	0.040		100	30-140	11.6	40	
Chrysene	<b>0.0538</b>	0.010	mg/kg	0.040		134	30-140	3.02	40	
Dibenzo(a,h)anthracene	<b>0.0510</b>	0.010	mg/kg	0.040		128	30-140	14.3	40	
Fluoranthene	<b>0.0410</b>	0.010	mg/kg	0.040		102	30-140	15.8	40	
Fluorene	<b>0.0360</b>	0.010	mg/kg	0.040		90.0	30-140	17.5	40	
Indeno (1,2,3-cd) pyrene	<b>0.0532</b>	0.040	mg/kg	0.040		133	30-140	5.41	40	
Naphthalene	<b>0.0334</b>	0.010	mg/kg	0.040		83.5	30-140	16.9	40	
Phenanthrene	<b>0.0356</b>	0.010	mg/kg	0.040		89.0	30-140	15.8	40	
Pyrene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140	9.36	40	

Surrogate: 2-Fluorobiphenyl

0.0244

mg/kg

0.040

61.0 43-116

Surrogate: Terphenyl-dl4

0.0280

mg/kg

0.040

70.0 33-141

**Polychlorinated Biphenyls by GC - Quality Control**

Batch B5G0606 - EPA 3550B

**Blank (B5G0606-BLK1)**

Prepared &amp; Analyzed: 07/06/15

Aroclor-1016	<0.020	0.020	mg/kg							
Aroclor-1221	<0.020	0.020	mg/kg							

**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Polychlorinated Biphenyls by GC - Quality Control</b>									
<i>Batch B5G0606 - EPA 3550B</i>									
<b>Blank (B5G0606-BLK1) Continued</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1232	<0.020	0.020	mg/kg						
Aroclor-1242	<0.020	0.020	mg/kg						
Aroclor-1248	<0.020	0.020	mg/kg						
Aroclor-1254	<0.020	0.020	mg/kg						
Aroclor-1260	<0.020	0.020	mg/kg						
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00459</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>91.8 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00332</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>66.3 50-150</i>			
<b>LCS (B5G0606-BS1)</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1016	<b>0.0524</b>	0.020	mg/kg	0.050		105 60-140			
Aroclor-1260	<b>0.0517</b>	0.020	mg/kg	0.050		103 60-140			
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00464</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>92.9 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00293</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>58.7 50-150</i>			
<b>LCS Dup (B5G0606-BSD1)</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1016	<b>0.0433</b>	0.020	mg/kg	0.050		86.6 60-140	19.0	40	
Aroclor-1260	<b>0.0505</b>	0.020	mg/kg	0.050		101 60-140	2.35	40	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00490</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>98.0 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00254</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>50.7 50-150</i>			
<b>VOCs, OXY &amp; TPHG by GC/MS EPA 5035 - Quality Control</b>									
<i>Batch B5G0201 - EPA 5035</i>									
<b>Blank (B5G0201-BLK1)</b>					Prepared & Analyzed: 07/02/15				
Acetone	<0.050	0.050	mg/kg						
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050	mg/kg						
Benzene	<0.010	0.010	mg/kg						
Bromobenzene	<0.0050	0.0050	mg/kg						
Bromochloromethane	<0.0050	0.0050	mg/kg						
Bromodichloromethane	<0.0050	0.0050	mg/kg						
Bromoform	<0.0050	0.0050	mg/kg						
Bromomethane	<0.0050	0.0050	mg/kg						
2-Butanone (MEK)	<0.050	0.050	mg/kg						
tert-Butyl alcohol (TBA)	<0.020	0.020	mg/kg						

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0201 - EPA 5035

**Blank (B5G0201-BLK1) Continued**

Prepared & Analyzed: 07/02/15

sec-Butylbenzene	<0.0050	0.0050	mg/kg							
tert-Butylbenzene	<0.0050	0.0050	mg/kg							
n-Butylbenzene	<0.0050	0.0050	mg/kg							
Carbon Disulfide	<0.0050	0.0050	mg/kg							
Carbon Tetrachloride	<0.0050	0.0050	mg/kg							
Chlorobenzene	<0.0050	0.0050	mg/kg							
Chloroethane	<0.0050	0.0050	mg/kg							
Chloroform	<0.0050	0.0050	mg/kg							
Chloromethane	<0.0050	0.0050	mg/kg							
2-Chlorotoluene	<0.0050	0.0050	mg/kg							
4-Chlorotoluene	<0.0050	0.0050	mg/kg							
1,2-Dibromo-3-chloropropane	<0.010	0.010	mg/kg							
Dibromochloromethane	<0.0050	0.0050	mg/kg							
1,2-Dibromoethane (EDB)	<0.0050	0.0050	mg/kg							
Dibromomethane	<0.0050	0.0050	mg/kg							
1,4-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,3-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,2-Dichlorobenzene	<0.0050	0.0050	mg/kg							
Dichlorodifluoromethane (R12)	<0.0050	0.0050	mg/kg							
1,1-Dichloroethane	<0.0050	0.0050	mg/kg							
1,2-Dichloroethane (EDC)	<0.0050	0.0050	mg/kg							
trans-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
cis-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
1,1-Dichloroethylene	<0.0050	0.0050	mg/kg							
2,2-Dichloropropane	<0.0050	0.0050	mg/kg							
1,3-Dichloropropane	<0.0050	0.0050	mg/kg							
1,2-Dichloropropane	<0.0050	0.0050	mg/kg							
trans-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
1,1-Dichloropropylene	<0.0050	0.0050	mg/kg							
cis-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
Diisopropyl ether (DIPE)	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0201 - EPA 5035

**Blank (B5G0201-BLK1) Continued**

Prepared & Analyzed: 07/02/15

Ethylbenzene	<0.0020	0.0020	mg/kg							
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050	mg/kg							
Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg							
Hexachlorobutadiene	<0.010	0.010	mg/kg							
2-Hexanone (MBK)	<0.050	0.050	mg/kg							
Isopropylbenzene	<0.0050	0.0050	mg/kg							
4-Isopropyltoluene	<0.0050	0.0050	mg/kg							
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050	mg/kg							
Methylene Chloride	<0.050	0.050	mg/kg							
4-Methyl-2-pentanone (MIBK)	<0.050	0.050	mg/kg							
Naphthalene	<0.010	0.010	mg/kg							
n-Propylbenzene	<0.0050	0.0050	mg/kg							
Styrene	<0.0050	0.0050	mg/kg							
1,1,1,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
1,1,2,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
Tetrachloroethylene (PCE)	<0.0050	0.0050	mg/kg							
Toluene	<0.0020	0.0020	mg/kg							
1,2,4-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,2,3-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,1,2-Trichloroethane	<0.0050	0.0050	mg/kg							
1,1,1-Trichloroethane	<0.0050	0.0050	mg/kg							
Trichloroethylene (TCE)	<0.0050	0.0050	mg/kg							
Trichlorofluoromethane (R11)	<0.0050	0.0050	mg/kg							
1,2,3-Trichloropropane	<0.0050	0.0050	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050	mg/kg							
1,3,5-Trimethylbenzene	<0.0050	0.0050	mg/kg							
1,2,4-Trimethylbenzene	<0.0050	0.0050	mg/kg							
Vinyl chloride	<0.0050	0.0050	mg/kg							
o-Xylene	<0.0020	0.0020	mg/kg							
m,p-Xylenes	<0.0020	0.0020	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0201 - EPA 5035

**Blank (B5G0201-BLK1) Continued**

Prepared & Analyzed: 07/02/15

Surrogate: 4-Bromofluorobenzene	0.0854		mg/kg	0.10		85.4	70-140			
Surrogate: Dibromofluoromethane	0.104		mg/kg	0.10		104	70-140			
Surrogate: Toluene-d8	0.0954		mg/kg	0.10		95.4	70-140			

**LCS (B5G0201-BS1)**

Prepared & Analyzed: 07/02/15

Benzene	0.0379	0.010	mg/kg	0.040		94.7	75-125			
Bromodichloromethane	0.0418	0.0050	mg/kg	0.040		105	75-125			
Bromoform	0.0418	0.0050	mg/kg	0.040		105	75-125			
Carbon Tetrachloride	0.0371	0.0050	mg/kg	0.040		92.8	75-125			
Chlorobenzene	0.0371	0.0050	mg/kg	0.040		92.8	75-125			
Chloroethane	0.0301	0.0050	mg/kg	0.040		75.4	75-125			
Chloroform	0.0382	0.0050	mg/kg	0.040		95.4	75-125			
Chloromethane	0.0283	0.0050	mg/kg	0.040		70.8	65-125			
Dibromochloromethane	0.0385	0.0050	mg/kg	0.040		96.2	75-125			
1,4-Dichlorobenzene	0.0366	0.0050	mg/kg	0.040		91.4	75-125			
1,1-Dichloroethane	0.0383	0.0050	mg/kg	0.040		95.7	70-125			
1,2-Dichloroethane (EDC)	0.0401	0.0050	mg/kg	0.040		100	75-125			
trans-1,2-Dichloroethylene	0.0409	0.0050	mg/kg	0.040		102	75-125			
cis-1,2-Dichloroethylene	0.0378	0.0050	mg/kg	0.040		94.6	75-125			
1,1-Dichloroethylene	0.0382	0.0050	mg/kg	0.040		95.5	70-130			
1,2-Dichloropropane	0.0402	0.0050	mg/kg	0.040		100	75-130			
cis-1,3-Dichloropropylene	0.0400	0.0050	mg/kg	0.040		100	75-125			
Ethylbenzene	0.0380	0.0020	mg/kg	0.040		94.9	75-125			
Methyl-tert-Butyl Ether (MTBE)	0.0403	0.0050	mg/kg	0.040		101	75-125			
Methylene Chloride	0.0405	0.050	mg/kg	0.040		101	75-130			
1,1,2,2-Tetrachloroethane	0.0373	0.0050	mg/kg	0.040		93.3	70-135			
Tetrachloroethylene (PCE)	0.0386	0.0050	mg/kg	0.040		96.4	75-125			
Toluene	0.0345	0.0020	mg/kg	0.040		86.2	75-125			
1,1,2-Trichloroethane	0.0373	0.0050	mg/kg	0.040		93.3	75-125			
1,1,1-Trichloroethane	0.0381	0.0050	mg/kg	0.040		95.2	75-125			
Trichloroethylene (TCE)	0.0418	0.0050	mg/kg	0.040		105	75-125			
Vinyl chloride	0.0306	0.0050	mg/kg	0.040		76.4	75-125			

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0201 - EPA 5035

**LCS (B5G0201-BS1) Continued**

Prepared & Analyzed: 07/02/15

o-Xylene	<b>0.0382</b>	0.0020	mg/kg	0.040		95.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.0831		mg/kg	0.10		83.1	70-140			
Surrogate: Dibromofluoromethane	0.109		mg/kg	0.10		109	70-140			
Surrogate: Toluene-d8	0.0942		mg/kg	0.10		94.2	70-140			

**LCS Dup (B5G0201-BSD1)**

Prepared & Analyzed: 07/02/15

Benzene	<b>0.0395</b>	0.010	mg/kg	0.040		98.8	75-125	4.19	30	
Bromodichloromethane	<b>0.0438</b>	0.0050	mg/kg	0.040		110	75-125	4.67	30	
Bromoform	<b>0.0432</b>	0.0050	mg/kg	0.040		108	75-125	3.11	30	
Carbon Tetrachloride	<b>0.0401</b>	0.0050	mg/kg	0.040		100	75-125	7.77	30	
Chlorobenzene	<b>0.0375</b>	0.0050	mg/kg	0.040		93.8	75-125	1.18	30	
Chloroethane	<b>0.0312</b>	0.0050	mg/kg	0.040		78.0	75-125	3.46	30	
Chloroform	<b>0.0406</b>	0.0050	mg/kg	0.040		101	75-125	6.05	30	
Chloromethane	<b>0.0303</b>	0.0050	mg/kg	0.040		75.7	65-125	6.62	30	
Dibromochloromethane	<b>0.0385</b>	0.0050	mg/kg	0.040		96.4	75-125	0.208	30	
1,4-Dichlorobenzene	<b>0.0378</b>	0.0050	mg/kg	0.040		94.6	75-125	3.33	30	
1,1-Dichloroethane	<b>0.0394</b>	0.0050	mg/kg	0.040		98.4	70-125	2.78	30	
1,2-Dichloroethane (EDC)	<b>0.0421</b>	0.0050	mg/kg	0.040		105	75-125	4.86	30	
trans-1,2-Dichloroethylene	<b>0.0413</b>	0.0050	mg/kg	0.040		103	75-125	1.12	30	
cis-1,2-Dichloroethylene	<b>0.0388</b>	0.0050	mg/kg	0.040		97.0	75-125	2.45	30	
1,1-Dichloroethylene	<b>0.0395</b>	0.0050	mg/kg	0.040		98.6	70-130	3.24	30	
1,2-Dichloropropane	<b>0.0425</b>	0.0050	mg/kg	0.040		106	75-130	5.61	30	
cis-1,3-Dichloropropylene	<b>0.0394</b>	0.0050	mg/kg	0.040		98.6	75-125	1.41	30	
Ethylbenzene	<b>0.0381</b>	0.0020	mg/kg	0.040		95.2	75-125	0.316	30	
Methyl-tert-Butyl Ether (MTBE)	<b>0.0418</b>	0.0050	mg/kg	0.040		104	75-125	3.65	30	
Methylene Chloride	<b>0.0436</b>	0.050	mg/kg	0.040		109	75-130	7.51	30	
1,1,2,2-Tetrachloroethane	<b>0.0374</b>	0.0050	mg/kg	0.040		93.6	70-135	0.375	30	
Tetrachloroethylene (PCE)	<b>0.0389</b>	0.0050	mg/kg	0.040		97.4	75-125	0.981	30	
Toluene	<b>0.0353</b>	0.0020	mg/kg	0.040		88.3	75-125	2.41	30	
1,1,2-Trichloroethane	<b>0.0379</b>	0.0050	mg/kg	0.040		94.6	75-125	1.49	30	
1,1,1-Trichloroethane	<b>0.0399</b>	0.0050	mg/kg	0.040		99.8	75-125	4.72	30	
Trichloroethylene (TCE)	<b>0.0439</b>	0.0050	mg/kg	0.040		110	75-125	4.81	30	

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B5G0201 - EPA 5035

##### LCS Dup (B5G0201-BSD1) Continued

Prepared & Analyzed: 07/02/15

Vinyl chloride	0.0322	0.0050	mg/kg	0.040		80.5	75-125	5.16	30	
o-Xylene	0.0389	0.0020	mg/kg	0.040		97.2	75-125	1.66	30	
Surrogate: 4-Bromofluorobenzene	0.0851		mg/kg	0.10		85.1	70-140			
Surrogate: Dibromofluoromethane	0.111		mg/kg	0.10		111	70-140			
Surrogate: Toluene-d8	0.0945		mg/kg	0.10		94.5	70-140			

#### Carbon Chain by GC/FID - Quality Control

Batch B5G0211 - EPA 3550B

##### Blank (B5G0211-BLK1)

Prepared & Analyzed: 07/02/15

C13-C22	<10	10	mg/kg							
C23-C32	<10	10	mg/kg							
C33-C44	<10	10	mg/kg							
Surrogate: o-Terphenyl	10.8		mg/kg	10		108	50-150			

##### LCS (B5G0211-BS1)

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	195	10	mg/kg	200		97.4	70-130			
Surrogate: o-Terphenyl	11.5		mg/kg	10		115	50-150			

##### LCS Dup (B5G0211-BSD1)

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	203	10	mg/kg	200		101	70-130	4.04	40	
Surrogate: o-Terphenyl	11.4		mg/kg	10		114	50-150			

##### Matrix Spike (B5G0211-MS1)

Source: 5G02003-10 Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	258	10	mg/kg	210		125	60-140			
Surrogate: o-Terphenyl	11.7		mg/kg	10		113	50-150			

##### Matrix Spike Dup (B5G0211-MSD1)

Source: 5G02003-10 Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	289	10	mg/kg	210		139	60-140	11.1	40	
Surrogate: o-Terphenyl	11.7		mg/kg	10		113	50-150			

**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331392  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

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### Special Notes

Gasoline Range Organics (GRO) concentration represents the C4-C12 carbon range.

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**Viorel Vasile**  
Operations Manager





# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311 Resampled Clean Soil pile  
Tel: 818-998-5547 FAX: 818-998-7258 C-CS-01-EX14-SP01

A.A. COG No.: 122877  
Page 1 of 1

Client: The Source Group, Inc. Project Name / No.: 04-NDLA-001 Sampler's Name: Kater Rich  
 Project Manager: Kevin / Neil / Fish Site Address: 5806 Norwalk Blvd Sampler's Signature: [Signature]  
 Phone: 502 547 1055 City: Norwalk P.O. No.: 04-NDLA-007  
 Fax: 502 547 1070 State & Zip: CA 90660 Quote No.:

### TAT Turnaround Codes \*\*

- ① = Same Day Rush
- ④ = 72 Hour Rush
- ② = 24 Hour Rush
- ⑤ = 5 Day Rush
- ③ = 48 Hour Rush
- X = 10 Working Days (Standard TAT)

### ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont.	Special Instructions
CS-1-80A-SD	5G02003-01	7/15		Soil	4	④: added 02 7/15
CS-1-69A-SD	02					NORW OIL
CS-1-75A-SD	03					
CS-1-75-SD	04					
CS-1-78A-SD	05					
CS-1-09A-M	06					
CS-1-85-SD	07					
CS-1-73A-SD	08					
CS-1-71A-L	09					
CS-1-71A-M	10					

Please enter the TAT Turnaround Codes \*\* below

PH Lab  
VCS, OHS 4680  
5035 - N504  
PAC-8172  
PCR

For Laboratory Use

**PRIORITY**

Rush 24 Hrs SH  
Date 7/15/08 Sign [Signature]

A.A. Project No.: AS331392 / 5G02003

Relinquished by	Date	Time	Received by
[Signature]	7/15	6:30pm	[Signature]
[Signature]	7/2/15	7:45am	[Signature]
[Signature]			[Signature]

Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.



9765 Eton Avenue  
Chatsworth  
California 91311  
Tel: (818) 998-5547  
Fax: (818) 998-7258

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July 08, 2015

Neil Irish

The Source Group, Inc. (SH)  
1962 Freeman Ave.  
Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007  
A5331394 / 5G02005**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 07/02/15 07:45 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**8082 PCBs**

CS-12-236A-M	5G02005-03	Soil	5	07/01/15 00:00	07/02/15 07:45
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**8260B/5035 +OXY+TPHG**

CS-12-213-JD	5G02005-01	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-223A-JD	5G02005-02	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-236A-M	5G02005-03	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-236A-L	5G02005-04	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-233A-M	5G02005-05	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-233A-L	5G02005-06	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-218A-JD	5G02005-07	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-215A-JD	5G02005-08	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-226A-JD	5G02005-09	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-240A-JD	5G02005-10	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-212A-JD	5G02005-11	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-238A-M	5G02005-12	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-238A-L	5G02005-13	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-233-JD	5G02005-14	Soil	1	07/01/15 00:00	07/02/15 07:45

**8270C PAHs SIM**

CS-12-236A-M	5G02005-03	Soil	5	07/01/15 00:00	07/02/15 07:45
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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**Carbon Chain Custom**

CS-12-223A-JD	5G02005-02	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-236A-M	5G02005-03	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-236A-L	5G02005-04	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-233A-M	5G02005-05	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-233A-L	5G02005-06	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-218A-JD	5G02005-07	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-215A-JD	5G02005-08	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-226A-JD	5G02005-09	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-240A-JD	5G02005-10	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-212A-JD	5G02005-11	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-238A-M	5G02005-12	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-12-238A-L	5G02005-13	Soil	1	07/01/15 00:00	07/02/15 07:45

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** PAHs SIM by EPA 8270C

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	
<b>Date Prepared:</b>	07/06/15	
<b>Date Analyzed:</b>	07/06/15	
<b>AA ID No:</b>	5G02005-03	
<b>Client ID No:</b>	CS-12-236A-M	
<b>Matrix:</b>	Soil	
<b>Dilution Factor:</b>	10	MRL

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**8270C PAHs SIM (EPA 8270M)**

Acenaphthene	<0.10	0.010
Acenaphthylene	<0.10	0.010
Anthracene	<0.10	0.010
Benzo(a)anthracene	<0.10	0.010
Benzo(a)pyrene	<0.10	0.010
Benzo(b)fluoranthene	<0.10	0.010
Benzo(g,h,i)perylene	<0.10	0.010
Benzo(k)fluoranthene	<0.10	0.010
Chrysene	<0.10	0.010
Dibenzo(a,h)anthracene	<0.10	0.010
Fluoranthene	<0.10	0.010
Fluorene	<0.10	0.010
Indeno (1,2,3-cd) pyrene	<0.40	0.040
Naphthalene	<0.10	0.010
Phenanthrene	<0.10	0.010
Pyrene	<0.10	0.010

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**Surrogates**

		<b><u>%REC Limits</u></b>
2-Fluorobiphenyl	65%	43-116
Terphenyl-d14	75%	33-141

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**Viorel Vasile**  
Operations Manager

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**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Polychlorinated Biphenyls by GC

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	
<b>Date Prepared:</b>	07/06/15	
<b>Date Analyzed:</b>	07/06/15	
<b>AA ID No:</b>	5G02005-03	
<b>Client ID No:</b>	CS-12-236A-M	
<b>Matrix:</b>	Soil	
<b>Dilution Factor:</b>	1	MRL

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**8082 PCBs (EPA 8082)**

Aroclor-1016	<0.020	0.020
Aroclor-1221	<0.020	0.020
Aroclor-1232	<0.020	0.020
Aroclor-1242	<0.020	0.020
Aroclor-1248	<0.020	0.020
Aroclor-1254	<0.020	0.020
Aroclor-1260	<0.020	0.020

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<b><u>Surrogates</u></b>		<b><u>%REC Limits</u></b>
Decachlorobiphenyl	111%	50-150
Tetrachloro-meta-xylene	99%	50-150

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-01	5G02005-02	5G02005-03	5G02005-04	
<b>Client ID No:</b>	CS-12-213-JD	CS-12-223A-JD	CS-12-236A-M	CS-12-236A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-01	5G02005-02	5G02005-03	5G02005-04	
<b>Client ID No:</b>	CS-12-213-JD	CS-12-223A-JD	CS-12-236A-M	CS-12-236A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-01	5G02005-02	5G02005-03	5G02005-04	
<b>Client ID No:</b>	CS-12-213-JD	CS-12-223A-JD	CS-12-236A-M	CS-12-236A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

**Surrogates**

					<b>%REC Limits</b>
4-Bromofluorobenzene	119%	114%	134%	126%	70-140
Dibromofluoromethane	115%	113%	118%	117%	70-140
Toluene-d8	111%	113%	116%	114%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-05	5G02005-06	5G02005-07	5G02005-08	
<b>Client ID No:</b>	CS-12-233A-M	CS-12-233A-L	CS-12-218A-JD	CS-12-215A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-05	5G02005-06	5G02005-07	5G02005-08	
<b>Client ID No:</b>	CS-12-233A-M	CS-12-233A-L	CS-12-218A-JD	CS-12-215A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-05	5G02005-06	5G02005-07	5G02005-08	
<b>Client ID No:</b>	CS-12-233A-M	CS-12-233A-L	CS-12-218A-JD	CS-12-215A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

<b>Surrogates</b>					<b>%REC Limits</b>
4-Bromofluorobenzene	136%	125%	123%	118%	70-140
Dibromofluoromethane	116%	116%	121%	114%	70-140
Toluene-d8	118%	113%	113%	114%	70-140

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02005-09	5G02005-10	5G02005-11	5G02005-12	
<b>Client ID No:</b>	CS-12-226A-JD	CS-12-240A-JD	CS-12-212A-JD	CS-12-238A-M	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

#### 8260B/5035 +OXY+TPHG (EPA 8260B/5035)

Acetone	<0.050	<0.050	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02005-09	5G02005-10	5G02005-11	5G02005-12	
<b>Client ID No:</b>	CS-12-226A-JD	CS-12-240A-JD	CS-12-212A-JD	CS-12-238A-M	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02005-09	5G02005-10	5G02005-11	5G02005-12	
<b>Client ID No:</b>	CS-12-226A-JD	CS-12-240A-JD	CS-12-212A-JD	CS-12-238A-M	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<b>0.0022</b>	<b>0.0021</b>	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<b>0.0020</b>	0.0020

**Surrogates**

					<b>%REC Limits</b>
4-Bromofluorobenzene	127%	120%	113%	116%	70-140
Dibromofluoromethane	122%	123%	115%	119%	70-140
Toluene-d8	112%	111%	110%	110%	70-140

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02005-13	5G02005-14	
<b>Client ID No:</b>	CS-12-238A-L	CS-12-233-JD	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02005-13	5G02005-14	
<b>Client ID No:</b>	CS-12-238A-L	CS-12-233-JD	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)  
 Project No: 04-NDLA-007  
 Project Name: DFSP Norwalk Soil Remediation  
 Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A5331394  
 Date Received: 07/02/15  
 Date Reported: 07/08/15  
 Units: mg/kg

Date Sampled:	07/01/15	07/01/15	
Date Prepared:	07/06/15	07/06/15	
Date Analyzed:	07/06/15	07/06/15	
AA ID No:	5G02005-13	5G02005-14	
Client ID No:	CS-12-238A-L	CS-12-233-JD	
Matrix:	Soil	Soil	
Dilution Factor:	1	1	MRL

#### 8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)

Styrene	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	0.0020
m,p-Xylenes	<b>0.0021</b>	<0.0020	0.0020

#### Surrogates

			<u>%REC Limits</u>
4-Bromofluorobenzene	120%	112%	70-140
Dibromofluoromethane	116%	120%	70-140
Toluene-d8	112%	109%	70-140

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-02	5G02005-03	5G02005-04	5G02005-05	
<b>Client ID No:</b>	CS-12-223A-JD	CS-12-236A-M	CS-12-236A-L	CS-12-233A-M	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<10	<10	<10	<10	10
C23-C32	<b>25</b>	<b>32</b>	<b>61</b>	<b>49</b>	10
C33-C44	<b>78</b>	<b>83</b>	<b>140</b>	<b>120</b>	10

**Surrogates**

o-Terphenyl	95%	94%	96%	92%	<b><u>%REC Limits</u></b> 50-150
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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-06	5G02005-07	5G02005-08	5G02005-09	
<b>Client ID No:</b>	CS-12-233A-L	CS-12-218A-JD	CS-12-215A-JD	CS-12-226A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<10	<10	<10	<10	10
C23-C32	<b>20</b>	<b>13</b>	<10	<b>21</b>	10
C33-C44	<b>55</b>	<b>41</b>	<b>19</b>	<b>53</b>	10

<b>Surrogates</b>					<b>%REC Limits</b>
o-Terphenyl	95%	95%	94%	93%	50-150

**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02005-10	5G02005-11	5G02005-12	5G02005-13	
<b>Client ID No:</b>	CS-12-240A-JD	CS-12-212A-JD	CS-12-238A-M	CS-12-238A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

#### Carbon Chain Custom (EPA 8015M)

C13-C22	<10	<10	<10	<10	10
C23-C32	<10	<10	<10	<10	10
C33-C44	<10	<10	<10	11	10

#### Surrogates

o-Terphenyl	95%	95%	96%	94%	<b>%REC Limits</b> 50-150
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**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control**

Batch B5G0605 - EPA 3545 MS

**Blank (B5G0605-BLK1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<0.010	0.010	mg/kg						
Acenaphthylene	<0.010	0.010	mg/kg						
Anthracene	<0.010	0.010	mg/kg						
Benzo(a)anthracene	<0.010	0.010	mg/kg						
Benzo(a)pyrene	<0.010	0.010	mg/kg						
Benzo(b)fluoranthene	<0.010	0.010	mg/kg						
Benzo(g,h,i)perylene	<0.010	0.010	mg/kg						
Benzo(k)fluoranthene	<0.010	0.010	mg/kg						
Chrysene	<0.010	0.010	mg/kg						
Dibenzo(a,h)anthracene	<0.010	0.010	mg/kg						
Fluoranthene	<0.010	0.010	mg/kg						
Fluorene	<0.010	0.010	mg/kg						
Indeno (1,2,3-cd) pyrene	<0.040	0.040	mg/kg						
Naphthalene	<0.010	0.010	mg/kg						
Phenanthrene	<0.010	0.010	mg/kg						
Pyrene	<0.010	0.010	mg/kg						

Surrogate: 2-Fluorobiphenyl

0.0254

mg/kg

0.040

63.5 43-116

Surrogate: Terphenyl-dl4

0.0326

mg/kg

0.040

81.5 33-141

**LCS (B5G0605-BS1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<b>0.0264</b>	0.010	mg/kg	0.040		66.0	30-140		
Acenaphthylene	<b>0.0288</b>	0.010	mg/kg	0.040		72.0	30-140		
Anthracene	<b>0.0310</b>	0.010	mg/kg	0.040		77.5	30-140		
Benzo(a)anthracene	<b>0.0388</b>	0.010	mg/kg	0.040		97.0	30-140		
Benzo(a)pyrene	<b>0.0432</b>	0.010	mg/kg	0.040		108	30-140		
Benzo(b)fluoranthene	<b>0.0458</b>	0.010	mg/kg	0.040		114	30-140		
Benzo(g,h,i)perylene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140		
Benzo(k)fluoranthene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140		
Chrysene	<b>0.0522</b>	0.010	mg/kg	0.040		130	30-140		
Dibenzo(a,h)anthracene	<b>0.0442</b>	0.010	mg/kg	0.040		110	30-140		
Fluoranthene	<b>0.0350</b>	0.010	mg/kg	0.040		87.5	30-140		
Fluorene	<b>0.0302</b>	0.010	mg/kg	0.040		75.5	30-140		

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control***Batch B5G0605 - EPA 3545 MS***LCS (B5G0605-BS1) Continued**

Prepared &amp; Analyzed: 07/06/15

Indeno (1,2,3-cd) pyrene	<b>0.0504</b>	0.040	mg/kg	0.040		126	30-140			
Naphthalene	<b>0.0282</b>	0.010	mg/kg	0.040		70.5	30-140			
Phenanthrene	<b>0.0304</b>	0.010	mg/kg	0.040		76.0	30-140			
Pyrene	<b>0.0326</b>	0.010	mg/kg	0.040		81.5	30-140			

*Surrogate: 2-Fluorobiphenyl**0.0238**mg/kg**0.040**59.5 43-116**Surrogate: Terphenyl-dl4**0.0292**mg/kg**0.040**73.0 33-141***LCS Dup (B5G0605-BSD1)**

Prepared &amp; Analyzed: 07/06/15

Acenaphthene	<b>0.0326</b>	0.010	mg/kg	0.040		81.5	30-140	21.0	40	
Acenaphthylene	<b>0.0348</b>	0.010	mg/kg	0.040		87.0	30-140	18.9	40	
Anthracene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140	14.4	40	
Benzo(a)anthracene	<b>0.0446</b>	0.010	mg/kg	0.040		112	30-140	13.9	40	
Benzo(a)pyrene	<b>0.0488</b>	0.010	mg/kg	0.040		122	30-140	12.2	40	
Benzo(b)fluoranthene	<b>0.0514</b>	0.010	mg/kg	0.040		128	30-140	11.5	40	
Benzo(g,h,i)perylene	<b>0.0416</b>	0.010	mg/kg	0.040		104	30-140	15.0	40	
Benzo(k)fluoranthene	<b>0.0402</b>	0.010	mg/kg	0.040		100	30-140	11.6	40	
Chrysene	<b>0.0538</b>	0.010	mg/kg	0.040		134	30-140	3.02	40	
Dibenzo(a,h)anthracene	<b>0.0510</b>	0.010	mg/kg	0.040		128	30-140	14.3	40	
Fluoranthene	<b>0.0410</b>	0.010	mg/kg	0.040		102	30-140	15.8	40	
Fluorene	<b>0.0360</b>	0.010	mg/kg	0.040		90.0	30-140	17.5	40	
Indeno (1,2,3-cd) pyrene	<b>0.0532</b>	0.040	mg/kg	0.040		133	30-140	5.41	40	
Naphthalene	<b>0.0334</b>	0.010	mg/kg	0.040		83.5	30-140	16.9	40	
Phenanthrene	<b>0.0356</b>	0.010	mg/kg	0.040		89.0	30-140	15.8	40	
Pyrene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140	9.36	40	

*Surrogate: 2-Fluorobiphenyl**0.0244**mg/kg**0.040**61.0 43-116**Surrogate: Terphenyl-dl4**0.0280**mg/kg**0.040**70.0 33-141***Polychlorinated Biphenyls by GC - Quality Control***Batch B5G0606 - EPA 3550B***Blank (B5G0606-BLK1)**

Prepared &amp; Analyzed: 07/06/15

Aroclor-1016	<0.020	0.020	mg/kg							
Aroclor-1221	<0.020	0.020	mg/kg							

**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Polychlorinated Biphenyls by GC - Quality Control</b>									
<i>Batch B5G0606 - EPA 3550B</i>									
<b>Blank (B5G0606-BLK1) Continued</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1232	<0.020	0.020	mg/kg						
Aroclor-1242	<0.020	0.020	mg/kg						
Aroclor-1248	<0.020	0.020	mg/kg						
Aroclor-1254	<0.020	0.020	mg/kg						
Aroclor-1260	<0.020	0.020	mg/kg						
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00459</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>91.8 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00332</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>66.3 50-150</i>			
<b>LCS (B5G0606-BS1)</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1016	<b>0.0524</b>	0.020	mg/kg	0.050		105 60-140			
Aroclor-1260	<b>0.0517</b>	0.020	mg/kg	0.050		103 60-140			
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00464</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>92.9 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00293</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>58.7 50-150</i>			
<b>LCS Dup (B5G0606-BSD1)</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1016	<b>0.0433</b>	0.020	mg/kg	0.050		86.6 60-140	19.0	40	
Aroclor-1260	<b>0.0505</b>	0.020	mg/kg	0.050		101 60-140	2.35	40	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00490</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>98.0 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00254</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>50.7 50-150</i>			
<b>VOCs, OXY &amp; TPHG by GC/MS EPA 5035 - Quality Control</b>									
<i>Batch B5G0210 - EPA 5035</i>									
<b>Blank (B5G0210-BLK1)</b>					Prepared & Analyzed: 07/02/15				
Acetone	<0.050	0.050	mg/kg						
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050	mg/kg						
Benzene	<0.010	0.010	mg/kg						
Bromobenzene	<0.0050	0.0050	mg/kg						
Bromochloromethane	<0.0050	0.0050	mg/kg						
Bromodichloromethane	<0.0050	0.0050	mg/kg						
Bromoform	<0.0050	0.0050	mg/kg						
Bromomethane	<0.0050	0.0050	mg/kg						
2-Butanone (MEK)	<0.050	0.050	mg/kg						
tert-Butyl alcohol (TBA)	<0.020	0.020	mg/kg						

**Viorel Vasile**  
 Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0210 - EPA 5035

**Blank (B5G0210-BLK1) Continued**

Prepared & Analyzed: 07/02/15

sec-Butylbenzene	<0.0050	0.0050	mg/kg							
tert-Butylbenzene	<0.0050	0.0050	mg/kg							
n-Butylbenzene	<0.0050	0.0050	mg/kg							
Carbon Disulfide	<0.0050	0.0050	mg/kg							
Carbon Tetrachloride	<0.0050	0.0050	mg/kg							
Chlorobenzene	<0.0050	0.0050	mg/kg							
Chloroethane	<0.0050	0.0050	mg/kg							
Chloroform	<0.0050	0.0050	mg/kg							
Chloromethane	<0.0050	0.0050	mg/kg							
2-Chlorotoluene	<0.0050	0.0050	mg/kg							
4-Chlorotoluene	<0.0050	0.0050	mg/kg							
1,2-Dibromo-3-chloropropane	<0.010	0.010	mg/kg							
Dibromochloromethane	<0.0050	0.0050	mg/kg							
1,2-Dibromoethane (EDB)	<0.0050	0.0050	mg/kg							
Dibromomethane	<0.0050	0.0050	mg/kg							
1,4-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,3-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,2-Dichlorobenzene	<0.0050	0.0050	mg/kg							
Dichlorodifluoromethane (R12)	<0.0050	0.0050	mg/kg							
1,1-Dichloroethane	<0.0050	0.0050	mg/kg							
1,2-Dichloroethane (EDC)	<0.0050	0.0050	mg/kg							
trans-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
cis-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
1,1-Dichloroethylene	<0.0050	0.0050	mg/kg							
2,2-Dichloropropane	<0.0050	0.0050	mg/kg							
1,3-Dichloropropane	<0.0050	0.0050	mg/kg							
1,2-Dichloropropane	<0.0050	0.0050	mg/kg							
trans-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
1,1-Dichloropropylene	<0.0050	0.0050	mg/kg							
cis-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
Diisopropyl ether (DIPE)	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Notes
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#### VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B5G0210 - EPA 5035

#### Blank (B5G0210-BLK1) Continued

Prepared & Analyzed: 07/02/15

Ethylbenzene	<0.0020	0.0020	mg/kg							
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050	mg/kg							
Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg							
Hexachlorobutadiene	<0.010	0.010	mg/kg							
2-Hexanone (MBK)	<0.050	0.050	mg/kg							
Isopropylbenzene	<0.0050	0.0050	mg/kg							
4-Isopropyltoluene	<0.0050	0.0050	mg/kg							
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050	mg/kg							
Methylene Chloride	<0.050	0.050	mg/kg							
4-Methyl-2-pentanone (MIBK)	<0.050	0.050	mg/kg							
Naphthalene	<0.010	0.010	mg/kg							
n-Propylbenzene	<0.0050	0.0050	mg/kg							
Styrene	<0.0050	0.0050	mg/kg							
1,1,1,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
1,1,2,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
Tetrachloroethylene (PCE)	<0.0050	0.0050	mg/kg							
Toluene	<0.0020	0.0020	mg/kg							
1,2,4-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,2,3-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,1,2-Trichloroethane	<0.0050	0.0050	mg/kg							
1,1,1-Trichloroethane	<0.0050	0.0050	mg/kg							
Trichloroethylene (TCE)	<0.0050	0.0050	mg/kg							
Trichlorofluoromethane (R11)	<0.0050	0.0050	mg/kg							
1,2,3-Trichloropropane	<0.0050	0.0050	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050	mg/kg							
1,3,5-Trimethylbenzene	<0.0050	0.0050	mg/kg							
1,2,4-Trimethylbenzene	<0.0050	0.0050	mg/kg							
Vinyl chloride	<0.0050	0.0050	mg/kg							
o-Xylene	<0.0020	0.0020	mg/kg							
m,p-Xylenes	<0.0020	0.0020	mg/kg							

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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#### VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B5G0210 - EPA 5035

##### Blank (B5G0210-BLK1) Continued

Prepared & Analyzed: 07/02/15

Surrogate: 4-Bromofluorobenzene	0.112		mg/kg	0.10		112	70-140			
Surrogate: Dibromofluoromethane	0.111		mg/kg	0.10		111	70-140			
Surrogate: Toluene-d8	0.111		mg/kg	0.10		111	70-140			

##### LCS (B5G0210-BS1)

Prepared & Analyzed: 07/02/15

Benzene	0.0497	0.010	mg/kg	0.040		124	75-125			
Bromodichloromethane	0.0394	0.0050	mg/kg	0.040		98.4	75-125			
Bromoform	0.0322	0.0050	mg/kg	0.040		80.4	75-125			
Carbon Tetrachloride	0.0355	0.0050	mg/kg	0.040		88.6	75-125			
Chlorobenzene	0.0379	0.0050	mg/kg	0.040		94.6	75-125			
Chloroethane	0.0485	0.0050	mg/kg	0.040		121	75-125			
Chloroform	0.0392	0.0050	mg/kg	0.040		98.0	75-125			
Chloromethane	0.0355	0.0050	mg/kg	0.040		88.8	65-125			
Dibromochloromethane	0.0335	0.0050	mg/kg	0.040		83.8	75-125			
1,4-Dichlorobenzene	0.0382	0.0050	mg/kg	0.040		95.6	75-125			
1,1-Dichloroethane	0.0441	0.0050	mg/kg	0.040		110	70-125			
1,2-Dichloroethane (EDC)	0.0363	0.0050	mg/kg	0.040		90.8	75-125			
trans-1,2-Dichloroethylene	0.0493	0.0050	mg/kg	0.040		123	75-125			
cis-1,2-Dichloroethylene	0.0462	0.0050	mg/kg	0.040		116	75-125			
1,1-Dichloroethylene	0.0417	0.0050	mg/kg	0.040		104	70-130			
1,2-Dichloropropane	0.0497	0.0050	mg/kg	0.040		124	75-130			
cis-1,3-Dichloropropylene	0.0420	0.0050	mg/kg	0.040		105	75-125			
Ethylbenzene	0.0374	0.0020	mg/kg	0.040		93.6	75-125			
Methyl-tert-Butyl Ether (MTBE)	0.0419	0.0050	mg/kg	0.040		105	75-125			
Methylene Chloride	0.0456	0.050	mg/kg	0.040		114	75-130			
1,1,2,2-Tetrachloroethane	0.0438	0.0050	mg/kg	0.040		109	70-135			
Tetrachloroethylene (PCE)	0.0329	0.0050	mg/kg	0.040		82.4	75-125			
Toluene	0.0360	0.0020	mg/kg	0.040		90.0	75-125			
1,1,2-Trichloroethane	0.0396	0.0050	mg/kg	0.040		99.0	75-125			
1,1,1-Trichloroethane	0.0350	0.0050	mg/kg	0.040		87.4	75-125			
Trichloroethylene (TCE)	0.0415	0.0050	mg/kg	0.040		104	75-125			
Vinyl chloride	0.0366	0.0050	mg/kg	0.040		91.4	75-125			

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0210 - EPA 5035

**LCS (B5G0210-BS1) Continued**

Prepared & Analyzed: 07/02/15

o-Xylene	<b>0.0381</b>	0.0020	mg/kg	0.040		95.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.109		mg/kg	0.10		109	70-140			
Surrogate: Dibromofluoromethane	0.111		mg/kg	0.10		111	70-140			
Surrogate: Toluene-d8	0.102		mg/kg	0.10		102	70-140			

**LCS Dup (B5G0210-BSD1)**

Prepared & Analyzed: 07/02/15

Benzene	<b>0.0506</b>	0.010	mg/kg	0.040		127	75-125	1.75	30	S-GC
Bromodichloromethane	<b>0.0405</b>	0.0050	mg/kg	0.040		101	75-125	2.81	30	
Bromoform	<b>0.0323</b>	0.0050	mg/kg	0.040		80.9	75-125	0.558	30	
Carbon Tetrachloride	<b>0.0360</b>	0.0050	mg/kg	0.040		90.0	75-125	1.46	30	
Chlorobenzene	<b>0.0380</b>	0.0050	mg/kg	0.040		94.9	75-125	0.264	30	
Chloroethane	<b>0.0455</b>	0.0050	mg/kg	0.040		114	75-125	6.34	30	
Chloroform	<b>0.0398</b>	0.0050	mg/kg	0.040		99.6	75-125	1.57	30	
Chloromethane	<b>0.0339</b>	0.0050	mg/kg	0.040		84.8	65-125	4.61	30	
Dibromochloromethane	<b>0.0341</b>	0.0050	mg/kg	0.040		85.3	75-125	1.77	30	
1,4-Dichlorobenzene	<b>0.0377</b>	0.0050	mg/kg	0.040		94.2	75-125	1.42	30	
1,1-Dichloroethane	<b>0.0448</b>	0.0050	mg/kg	0.040		112	70-125	1.53	30	
1,2-Dichloroethane (EDC)	<b>0.0375</b>	0.0050	mg/kg	0.040		93.8	75-125	3.20	30	
trans-1,2-Dichloroethylene	<b>0.0469</b>	0.0050	mg/kg	0.040		117	75-125	5.11	30	
cis-1,2-Dichloroethylene	<b>0.0458</b>	0.0050	mg/kg	0.040		115	75-125	0.869	30	
1,1-Dichloroethylene	<b>0.0398</b>	0.0050	mg/kg	0.040		99.5	70-130	4.61	30	
1,2-Dichloropropane	<b>0.0517</b>	0.0050	mg/kg	0.040		129	75-130	4.06	30	
cis-1,3-Dichloropropylene	<b>0.0438</b>	0.0050	mg/kg	0.040		110	75-125	4.19	30	
Ethylbenzene	<b>0.0369</b>	0.0020	mg/kg	0.040		92.2	75-125	1.45	30	
Methyl-tert-Butyl Ether (MTBE)	<b>0.0435</b>	0.0050	mg/kg	0.040		109	75-125	3.75	30	
Methylene Chloride	<b>0.0459</b>	0.050	mg/kg	0.040		115	75-130	0.568	30	
1,1,2,2-Tetrachloroethane	<b>0.0455</b>	0.0050	mg/kg	0.040		114	70-135	3.85	30	
Tetrachloroethylene (PCE)	<b>0.0332</b>	0.0050	mg/kg	0.040		82.9	75-125	0.666	30	
Toluene	<b>0.0362</b>	0.0020	mg/kg	0.040		90.4	75-125	0.499	30	
1,1,2-Trichloroethane	<b>0.0413</b>	0.0050	mg/kg	0.040		103	75-125	4.25	30	
1,1,1-Trichloroethane	<b>0.0357</b>	0.0050	mg/kg	0.040		89.3	75-125	2.09	30	
Trichloroethylene (TCE)	<b>0.0419</b>	0.0050	mg/kg	0.040		105	75-125	0.958	30	

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0210 - EPA 5035

**LCS Dup (B5G0210-BSD1) Continued**

Prepared & Analyzed: 07/02/15

Vinyl chloride	0.0356	0.0050	mg/kg	0.040		89.1	75-125	2.55	30	
o-Xylene	0.0368	0.0020	mg/kg	0.040		92.0	75-125	3.42	30	
Surrogate: 4-Bromofluorobenzene	0.106		mg/kg	0.10		106	70-140			
Surrogate: Dibromofluoromethane	0.112		mg/kg	0.10		112	70-140			
Surrogate: Toluene-d8	0.103		mg/kg	0.10		103	70-140			

Batch B5G0612 - EPA 5035

**Blank (B5G0612-BLK1)**

Prepared & Analyzed: 07/06/15

Acetone	<0.050	0.050	mg/kg							
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050	mg/kg							
Benzene	<0.010	0.010	mg/kg							
Bromobenzene	<0.0050	0.0050	mg/kg							
Bromochloromethane	<0.0050	0.0050	mg/kg							
Bromodichloromethane	<0.0050	0.0050	mg/kg							
Bromoform	<0.0050	0.0050	mg/kg							
Bromomethane	<0.0050	0.0050	mg/kg							
2-Butanone (MEK)	<0.050	0.050	mg/kg							
tert-Butyl alcohol (TBA)	<0.020	0.020	mg/kg							
sec-Butylbenzene	<0.0050	0.0050	mg/kg							
tert-Butylbenzene	<0.0050	0.0050	mg/kg							
n-Butylbenzene	<0.0050	0.0050	mg/kg							
Carbon Disulfide	<0.0050	0.0050	mg/kg							
Carbon Tetrachloride	<0.0050	0.0050	mg/kg							
Chlorobenzene	<0.0050	0.0050	mg/kg							
Chloroethane	<0.0050	0.0050	mg/kg							
Chloroform	<0.0050	0.0050	mg/kg							
Chloromethane	<0.0050	0.0050	mg/kg							
2-Chlorotoluene	<0.0050	0.0050	mg/kg							
4-Chlorotoluene	<0.0050	0.0050	mg/kg							
1,2-Dibromo-3-chloropropane	<0.010	0.010	mg/kg							
Dibromochloromethane	<0.0050	0.0050	mg/kg							
1,2-Dibromoethane (EDB)	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0612 - EPA 5035

**Blank (B5G0612-BLK1) Continued**

Prepared & Analyzed: 07/06/15

Dibromomethane	<0.0050	0.0050	mg/kg							
1,4-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,3-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,2-Dichlorobenzene	<0.0050	0.0050	mg/kg							
Dichlorodifluoromethane (R12)	<0.0050	0.0050	mg/kg							
1,1-Dichloroethane	<0.0050	0.0050	mg/kg							
1,2-Dichloroethane (EDC)	<0.0050	0.0050	mg/kg							
trans-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
cis-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
1,1-Dichloroethylene	<0.0050	0.0050	mg/kg							
2,2-Dichloropropane	<0.0050	0.0050	mg/kg							
1,3-Dichloropropane	<0.0050	0.0050	mg/kg							
1,2-Dichloropropane	<0.0050	0.0050	mg/kg							
trans-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
1,1-Dichloropropylene	<0.0050	0.0050	mg/kg							
cis-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
Diisopropyl ether (DIPE)	<0.0050	0.0050	mg/kg							
Ethylbenzene	<0.0020	0.0020	mg/kg							
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050	mg/kg							
Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg							
Hexachlorobutadiene	<0.010	0.010	mg/kg							
2-Hexanone (MBK)	<0.050	0.050	mg/kg							
Isopropylbenzene	<0.0050	0.0050	mg/kg							
4-Isopropyltoluene	<0.0050	0.0050	mg/kg							
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050	mg/kg							
Methylene Chloride	<0.050	0.050	mg/kg							
4-Methyl-2-pentanone (MIBK)	<0.050	0.050	mg/kg							
Naphthalene	<0.010	0.010	mg/kg							
n-Propylbenzene	<0.0050	0.0050	mg/kg							
Styrene	<0.0050	0.0050	mg/kg							
1,1,1,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0612 - EPA 5035

**Blank (B5G0612-BLK1) Continued**

Prepared &amp; Analyzed: 07/06/15

1,1,2,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
Tetrachloroethylene (PCE)	<0.0050	0.0050	mg/kg							
Toluene	<0.0020	0.0020	mg/kg							
1,2,4-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,2,3-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,1,2-Trichloroethane	<0.0050	0.0050	mg/kg							
1,1,1-Trichloroethane	<0.0050	0.0050	mg/kg							
Trichloroethylene (TCE)	<0.0050	0.0050	mg/kg							
Trichlorofluoromethane (R11)	<0.0050	0.0050	mg/kg							
1,2,3-Trichloropropane	<0.0050	0.0050	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050	mg/kg							
1,3,5-Trimethylbenzene	<0.0050	0.0050	mg/kg							
1,2,4-Trimethylbenzene	<0.0050	0.0050	mg/kg							
Vinyl chloride	<0.0050	0.0050	mg/kg							
o-Xylene	<0.0020	0.0020	mg/kg							
m,p-Xylenes	<0.0020	0.0020	mg/kg							
Surrogate: 4-Bromofluorobenzene	0.110		mg/kg	0.10		110	70-140			
Surrogate: Dibromofluoromethane	0.105		mg/kg	0.10		105	70-140			
Surrogate: Toluene-d8	0.110		mg/kg	0.10		110	70-140			

**LCS (B5G0612-BS1)**

Prepared &amp; Analyzed: 07/06/15

Benzene	<b>0.0491</b>	0.010	mg/kg	0.040		123	75-125			
Bromodichloromethane	<b>0.0379</b>	0.0050	mg/kg	0.040		94.6	75-125			
Bromoform	<b>0.0340</b>	0.0050	mg/kg	0.040		85.0	75-125			
Carbon Tetrachloride	<b>0.0329</b>	0.0050	mg/kg	0.040		82.2	75-125			
Chlorobenzene	<b>0.0377</b>	0.0050	mg/kg	0.040		94.2	75-125			
Chloroethane	<b>0.0464</b>	0.0050	mg/kg	0.040		116	75-125			
Chloroform	<b>0.0375</b>	0.0050	mg/kg	0.040		93.8	75-125			
Chloromethane	<b>0.0316</b>	0.0050	mg/kg	0.040		79.0	65-125			
Dibromochloromethane	<b>0.0356</b>	0.0050	mg/kg	0.040		88.9	75-125			
1,4-Dichlorobenzene	<b>0.0369</b>	0.0050	mg/kg	0.040		92.2	75-125			

**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0612 - EPA 5035

**LCS (B5G0612-BS1) Continued**

Prepared &amp; Analyzed: 07/06/15

1,1-Dichloroethane	0.0416	0.0050	mg/kg	0.040		104	70-125			
1,2-Dichloroethane (EDC)	0.0340	0.0050	mg/kg	0.040		85.0	75-125			
trans-1,2-Dichloroethylene	0.0476	0.0050	mg/kg	0.040		119	75-125			
cis-1,2-Dichloroethylene	0.0449	0.0050	mg/kg	0.040		112	75-125			
1,1-Dichloroethylene	0.0415	0.0050	mg/kg	0.040		104	70-130			
1,2-Dichloropropane	0.0488	0.0050	mg/kg	0.040		122	75-130			
cis-1,3-Dichloropropylene	0.0425	0.0050	mg/kg	0.040		106	75-125			
Ethylbenzene	0.0355	0.0020	mg/kg	0.040		88.8	75-125			
Methyl-tert-Butyl Ether (MTBE)	0.0428	0.0050	mg/kg	0.040		107	75-125			
Methylene Chloride	0.0477	0.050	mg/kg	0.040		119	75-130			
1,1,1,2-Tetrachloroethane	0.0465	0.0050	mg/kg	0.040		116	70-135			
Tetrachloroethylene (PCE)	0.0316	0.0050	mg/kg	0.040		79.1	75-125			
Toluene	0.0355	0.0020	mg/kg	0.040		88.8	75-125			
1,1,2-Trichloroethane	0.0422	0.0050	mg/kg	0.040		106	75-125			
1,1,1-Trichloroethane	0.0320	0.0050	mg/kg	0.040		80.0	75-125			
Trichloroethylene (TCE)	0.0389	0.0050	mg/kg	0.040		97.3	75-125			
Vinyl chloride	0.0333	0.0050	mg/kg	0.040		83.2	75-125			
o-Xylene	0.0372	0.0020	mg/kg	0.040		93.0	75-125			

Surrogate: 4-Bromofluorobenzene	0.108		mg/kg	0.10		108	70-140			
Surrogate: Dibromofluoromethane	0.113		mg/kg	0.10		113	70-140			
Surrogate: Toluene-d8	0.107		mg/kg	0.10		107	70-140			

**LCS Dup (B5G0612-BSD1)**

Prepared &amp; Analyzed: 07/06/15

Benzene	0.0482	0.010	mg/kg	0.040		120	75-125	1.97	30	
Bromodichloromethane	0.0432	0.0050	mg/kg	0.040		108	75-125	13.2	30	
Bromoform	0.0364	0.0050	mg/kg	0.040		91.0	75-125	6.93	30	
Carbon Tetrachloride	0.0370	0.0050	mg/kg	0.040		92.4	75-125	11.7	30	
Chlorobenzene	0.0382	0.0050	mg/kg	0.040		95.6	75-125	1.42	30	
Chloroethane	0.0384	0.0050	mg/kg	0.040		96.0	75-125	18.7	30	
Chloroform	0.0412	0.0050	mg/kg	0.040		103	75-125	9.30	30	
Chloromethane	0.0321	0.0050	mg/kg	0.040		80.2	65-125	1.63	30	
Dibromochloromethane	0.0368	0.0050	mg/kg	0.040		92.0	75-125	3.48	30	

**Viorel Vasile**  
 Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0612 - EPA 5035

**LCS Dup (B5G0612-BSD1) Continued**

Prepared & Analyzed: 07/06/15

1,4-Dichlorobenzene	0.0371	0.0050	mg/kg	0.040	92.6	75-125	0.487	30	
1,1-Dichloroethane	0.0427	0.0050	mg/kg	0.040	107	70-125	2.51	30	
1,2-Dichloroethane (EDC)	0.0432	0.0050	mg/kg	0.040	108	75-125	23.8	30	
trans-1,2-Dichloroethylene	0.0430	0.0050	mg/kg	0.040	108	75-125	10.1	30	
cis-1,2-Dichloroethylene	0.0437	0.0050	mg/kg	0.040	109	75-125	2.71	30	
1,1-Dichloroethylene	0.0375	0.0050	mg/kg	0.040	93.8	70-130	10.2	30	
1,2-Dichloropropane	0.0505	0.0050	mg/kg	0.040	126	75-130	3.30	30	
cis-1,3-Dichloropropylene	0.0435	0.0050	mg/kg	0.040	109	75-125	2.32	30	
Ethylbenzene	0.0384	0.0020	mg/kg	0.040	96.0	75-125	7.85	30	
Methyl-tert-Butyl Ether (MTBE)	0.0446	0.0050	mg/kg	0.040	112	75-125	4.12	30	
Methylene Chloride	0.0433	0.050	mg/kg	0.040	108	75-130	9.71	30	
1,1,2,2-Tetrachloroethane	0.0502	0.0050	mg/kg	0.040	125	70-135	7.66	30	
Tetrachloroethylene (PCE)	0.0319	0.0050	mg/kg	0.040	79.8	75-125	0.818	30	
Toluene	0.0348	0.0020	mg/kg	0.040	86.9	75-125	2.16	30	
1,1,2-Trichloroethane	0.0410	0.0050	mg/kg	0.040	102	75-125	3.08	30	
1,1,1-Trichloroethane	0.0370	0.0050	mg/kg	0.040	92.6	75-125	14.6	30	
Trichloroethylene (TCE)	0.0421	0.0050	mg/kg	0.040	105	75-125	7.75	30	
Vinyl chloride	0.0330	0.0050	mg/kg	0.040	82.6	75-125	0.724	30	
o-Xylene	0.0398	0.0020	mg/kg	0.040	99.5	75-125	6.75	30	

Surrogate: 4-Bromofluorobenzene 0.109 mg/kg 0.10 109 70-140  
Surrogate: Dibromofluoromethane 0.119 mg/kg 0.10 119 70-140  
Surrogate: Toluene-d8 0.106 mg/kg 0.10 106 70-140

**Carbon Chain by GC/FID - Quality Control**

Batch B5G0214 - EPA 3550B

**Blank (B5G0214-BLK1)**

Prepared & Analyzed: 07/02/15

C13-C22	<10	10	mg/kg						
C23-C32	<10	10	mg/kg						
C33-C44	<10	10	mg/kg						

Surrogate: o-Terphenyl 10.3 mg/kg 10 103 50-150

**LCS (B5G0214-BS1)**

Prepared & Analyzed: 07/02/15

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**Carbon Chain by GC/FID - Quality Control**

*Batch B5G0214 - EPA 3550B*

**LCS (B5G0214-BS1) Continued**

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	<b>233</b>	10	mg/kg	200		116	70-130			
Surrogate: o-Terphenyl	12.0		mg/kg	10		120	50-150			
<b>LCS Dup (B5G0214-BSD1)</b>				Prepared & Analyzed: 07/02/15						
Diesel Range Organics as Diesel	<b>231</b>	10	mg/kg	200		116	70-130	0.592	40	
Surrogate: o-Terphenyl	11.9		mg/kg	10		119	50-150			

**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331394  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

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### Special Notes

[1] = **S-GC** : Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

Gasoline Range Organics (GRO) concentration represents the C4-C12 carbon range.

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**Viorel Vasile**  
Operations Manager



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311 Clean soil pile re-sampling  
Tel: 818-998-5547 FAX: 818-998-7258 C-CS-12-E X19-SP01

A.A. COC No.: 122879

70043358  
Page 1 of 1

Client: The Source Group, Inc. Project Name / No.: 04-NDLA-007 Sampler's Name: Kate Reich

Project Manager: Ken Walsh / Nell Walsh Site Address: 5306 Nonwalk Blvd Sampler's Signature: [Signature]

Phone: 562 5471055 City: Nonwalk P.O. No.: 04-NDLA-007

Fax: 562 2471070 State & Zip: CA 90650 Quote No.: \_\_\_\_\_

### TAT Turnaround Codes \*\*

- ① = Same Day Rush
- ④ = 72 Hour Rush
- ② = 24 Hour Rush
- ⑤ = 5 Day Rush
- ③ = 48 Hour Rush
- X = 10 Working Days (Standard TAT)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont.	ANALYSIS REQUESTED (Test Name)		Special Instructions
						DATE	TIME	
CS-12-213-JD	5502005-01	7/11/15		SOIL	4	PAHs-S17	PCBs	HOLD TPT
CS-12-233A-M	223A	02						④: 0530 am 7/2/15
CS-12-236A-M	03							NORMAL TAT
CS-12-230A-L	04							
CS-12-233A-M	05							
CS-12-233A-L	06							
CS-12-218A-JD	07							
CS-12-215A-JD	08							
CS-12-226A-JD	09							
CS-12-240A-JD	10							
CS-12-212A-JD	11							
CS-12-238A-M	12							
CS-12-238A-L	13							
CS-12-233-JD	14							HOLD TPT

For Laboratory Use

**PRIORITY**

Rush 24 hrs SH  
Date 7/2/15 Time 0900 Sign [Signature]

A.A. Project No.: AS351394/SS602005

Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.



9765 Eton Avenue  
Chatsworth  
California 91311  
Tel: (818) 998-5547  
Fax: (818) 998-7258

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July 08, 2015

Neil Irish

The Source Group, Inc. (SH)  
1962 Freeman Ave.  
Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007  
A5331395 / 5G02006**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 07/02/15 07:45 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**8082 PCBs**

CS-2A-143A-M	5G02006-09	Soil	5	07/01/15 00:00	07/02/15 07:45
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**8260B/5035 +OXY+TPHG**

CS-2A-126A-JD	5G02006-01	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-129A-JD	5G02006-02	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-130-JD	5G02006-03	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-135A-JD	5G02006-04	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-138A-JD	5G02006-05	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-142-JD	5G02006-06	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-148A-M	5G02006-07	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-148A-L	5G02006-08	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-143A-M	5G02006-09	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-143A-L	5G02006-10	Soil	1	07/01/15 00:00	07/02/15 07:45
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**8270C PAHs SIM**

CS-2A-143A-M	5G02006-09	Soil	5	07/01/15 00:00	07/02/15 07:45
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**Carbon Chain Custom**

CS-2A-126A-JD	5G02006-01	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-2A-129A-JD	5G02006-02	Soil	1	07/01/15 00:00	07/02/15 07:45
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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
CS-2A-135A-JD	5G02006-04	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-2A-138A-JD	5G02006-05	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-2A-148A-M	5G02006-07	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-2A-148A-L	5G02006-08	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-2A-143A-M	5G02006-09	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-2A-143A-L	5G02006-10	Soil	1	07/01/15 00:00	07/02/15 07:45

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** PAHs SIM by EPA 8270C

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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**Date Sampled:** 07/01/15  
**Date Prepared:** 07/06/15  
**Date Analyzed:** 07/07/15  
**AA ID No:** 5G02006-09  
**Client ID No:** CS-2A-143A-M  
**Matrix:** Soil  
**Dilution Factor:** 1 MRL

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**8270C PAHs SIM (EPA 8270M)**

Acenaphthene	<0.010	0.010
Acenaphthylene	<0.010	0.010
Anthracene	<0.010	0.010
Benzo(a)anthracene	<0.010	0.010
Benzo(a)pyrene	<0.010	0.010
Benzo(b)fluoranthene	<0.010	0.010
Benzo(g,h,i)perylene	<0.010	0.010
Benzo(k)fluoranthene	<0.010	0.010
Chrysene	<0.010	0.010
Dibenzo(a,h)anthracene	<0.010	0.010
Fluoranthene	<0.010	0.010
Fluorene	<0.010	0.010
Indeno (1,2,3-cd) pyrene	<0.040	0.040
Naphthalene	<0.010	0.010
Phenanthrene	<0.010	0.010
Pyrene	<0.010	0.010

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<b>Surrogates</b>		<b><u>%REC Limits</u></b>
2-Fluorobiphenyl	56%	43-116
Terphenyl-d14	76%	33-141

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Polychlorinated Biphenyls by GC

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	
<b>Date Prepared:</b>	07/06/15	
<b>Date Analyzed:</b>	07/06/15	
<b>AA ID No:</b>	5G02006-09	
<b>Client ID No:</b>	CS-2A-143A-M	
<b>Matrix:</b>	Soil	
<b>Dilution Factor:</b>	1	MRL

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**8082 PCBs (EPA 8082)**

Aroclor-1016	<0.020	0.020
Aroclor-1221	<0.020	0.020
Aroclor-1232	<0.020	0.020
Aroclor-1242	<0.020	0.020
Aroclor-1248	<0.020	0.020
Aroclor-1254	<0.020	0.020
Aroclor-1260	<0.020	0.020

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**Surrogates**

		<b><u>%REC Limits</u></b>
Decachlorobiphenyl	94%	50-150
Tetrachloro-meta-xylene	96%	50-150

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/03/15	
<b>AA ID No:</b>	5G02006-01	5G02006-02	5G02006-03	5G02006-04	
<b>Client ID No:</b>	CS-2A-126A-JD	CS-2A-129A-JD	CS-2A-130-JD	CS-2A-135A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/03/15	
<b>AA ID No:</b>	5G02006-01	5G02006-02	5G02006-03	5G02006-04	
<b>Client ID No:</b>	CS-2A-126A-JD	CS-2A-129A-JD	CS-2A-130-JD	CS-2A-135A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/03/15	
<b>AA ID No:</b>	5G02006-01	5G02006-02	5G02006-03	5G02006-04	
<b>Client ID No:</b>	CS-2A-126A-JD	CS-2A-129A-JD	CS-2A-130-JD	CS-2A-135A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

#### 8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

#### Surrogates

					<b>%REC Limits</b>
4-Bromofluorobenzene	111%	115%	117%	125%	70-140
Dibromofluoromethane	136%	139%	137%	126%	70-140
Toluene-d8	106%	110%	106%	117%	70-140

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02006-05	5G02006-06	5G02006-07	5G02006-08	
<b>Client ID No:</b>	CS-2A-138A-JD	CS-2A-142-JD	CS-2A-148A-M	CS-2A-148A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02006-05	5G02006-06	5G02006-07	5G02006-08	
<b>Client ID No:</b>	CS-2A-138A-JD	CS-2A-142-JD	CS-2A-148A-M	CS-2A-148A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02006-05	5G02006-06	5G02006-07	5G02006-08	
<b>Client ID No:</b>	CS-2A-138A-JD	CS-2A-142-JD	CS-2A-148A-M	CS-2A-148A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

**Surrogates**

					<b>%REC Limits</b>
4-Bromofluorobenzene	126%	126%	126%	128%	70-140
Dibromofluoromethane	138%	141% [1]	143% [1]	141% [1]	70-140
Toluene-d8	113%	112%	111%	114%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02006-09	5G02006-10	
<b>Client ID No:</b>	CS-2A-143A-M	CS-2A-143A-L	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02006-09	5G02006-10	
<b>Client ID No:</b>	CS-2A-143A-M	CS-2A-143A-L	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02006-09	5G02006-10	
<b>Client ID No:</b>	CS-2A-143A-M	CS-2A-143A-L	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	0.0020

**Surrogates**

			<b>%REC Limits</b>
4-Bromofluorobenzene	134%	129%	70-140
Dibromofluoromethane	146% [1]	151% [1]	70-140
Toluene-d8	116%	117%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02006-01	5G02006-02	5G02006-04	5G02006-05	
<b>Client ID No:</b>	CS-2A-126A-JD	CS-2A-129A-JD	CS-2A-135A-JD	CS-2A-138A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<10	<10	<10	<10	10
C23-C32	<10	<10	<10	<b>18</b>	10
C33-C44	<10	<10	<10	<b>43</b>	10

**Surrogates**

o-Terphenyl	94%	93%	92%	95%	<b><u>%REC Limits</u></b> 50-150
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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>AA ID No:</b>	5G02006-07	5G02006-08	5G02006-09	5G02006-10	
<b>Client ID No:</b>	CS-2A-148A-M	CS-2A-148A-L	CS-2A-143A-M	CS-2A-143A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<10	<10	<10	<10	10
C23-C32	<10	<10	<b>15</b>	<b>10</b>	10
C33-C44	<10	<10	<b>16</b>	<b>14</b>	10

**Surrogates**

o-Terphenyl	104%	119%	115%	112%	<b>%REC Limits</b> 50-150
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**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control**

Batch B5G0605 - EPA 3545 MS

**Blank (B5G0605-BLK1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<0.010	0.010	mg/kg						
Acenaphthylene	<0.010	0.010	mg/kg						
Anthracene	<0.010	0.010	mg/kg						
Benzo(a)anthracene	<0.010	0.010	mg/kg						
Benzo(a)pyrene	<0.010	0.010	mg/kg						
Benzo(b)fluoranthene	<0.010	0.010	mg/kg						
Benzo(g,h,i)perylene	<0.010	0.010	mg/kg						
Benzo(k)fluoranthene	<0.010	0.010	mg/kg						
Chrysene	<0.010	0.010	mg/kg						
Dibenzo(a,h)anthracene	<0.010	0.010	mg/kg						
Fluoranthene	<0.010	0.010	mg/kg						
Fluorene	<0.010	0.010	mg/kg						
Indeno (1,2,3-cd) pyrene	<0.040	0.040	mg/kg						
Naphthalene	<0.010	0.010	mg/kg						
Phenanthrene	<0.010	0.010	mg/kg						
Pyrene	<0.010	0.010	mg/kg						

Surrogate: 2-Fluorobiphenyl

0.0254

mg/kg

0.040

63.5 43-116

Surrogate: Terphenyl-d14

0.0326

mg/kg

0.040

81.5 33-141

**LCS (B5G0605-BS1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<b>0.0264</b>	0.010	mg/kg	0.040		66.0	30-140		
Acenaphthylene	<b>0.0288</b>	0.010	mg/kg	0.040		72.0	30-140		
Anthracene	<b>0.0310</b>	0.010	mg/kg	0.040		77.5	30-140		
Benzo(a)anthracene	<b>0.0388</b>	0.010	mg/kg	0.040		97.0	30-140		
Benzo(a)pyrene	<b>0.0432</b>	0.010	mg/kg	0.040		108	30-140		
Benzo(b)fluoranthene	<b>0.0458</b>	0.010	mg/kg	0.040		114	30-140		
Benzo(g,h,i)perylene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140		
Benzo(k)fluoranthene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5	30-140		
Chrysene	<b>0.0522</b>	0.010	mg/kg	0.040		130	30-140		
Dibenzo(a,h)anthracene	<b>0.0442</b>	0.010	mg/kg	0.040		110	30-140		
Fluoranthene	<b>0.0350</b>	0.010	mg/kg	0.040		87.5	30-140		
Fluorene	<b>0.0302</b>	0.010	mg/kg	0.040		75.5	30-140		

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control**

Batch B5G0605 - EPA 3545 MS

**LCS (B5G0605-BS1) Continued**

Prepared &amp; Analyzed: 07/06/15

Indeno (1,2,3-cd) pyrene	<b>0.0504</b>	0.040	mg/kg	0.040		126 30-140			
Naphthalene	<b>0.0282</b>	0.010	mg/kg	0.040		70.5 30-140			
Phenanthrene	<b>0.0304</b>	0.010	mg/kg	0.040		76.0 30-140			
Pyrene	<b>0.0326</b>	0.010	mg/kg	0.040		81.5 30-140			

Surrogate: 2-Fluorobiphenyl

0.0238

mg/kg

0.040

59.5 43-116

Surrogate: Terphenyl-dl4

0.0292

mg/kg

0.040

73.0 33-141

**LCS Dup (B5G0605-BSD1)**

Prepared &amp; Analyzed: 07/06/15

Acenaphthene	<b>0.0326</b>	0.010	mg/kg	0.040		81.5 30-140	21.0	40	
Acenaphthylene	<b>0.0348</b>	0.010	mg/kg	0.040		87.0 30-140	18.9	40	
Anthracene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5 30-140	14.4	40	
Benzo(a)anthracene	<b>0.0446</b>	0.010	mg/kg	0.040		112 30-140	13.9	40	
Benzo(a)pyrene	<b>0.0488</b>	0.010	mg/kg	0.040		122 30-140	12.2	40	
Benzo(b)fluoranthene	<b>0.0514</b>	0.010	mg/kg	0.040		128 30-140	11.5	40	
Benzo(g,h,i)perylene	<b>0.0416</b>	0.010	mg/kg	0.040		104 30-140	15.0	40	
Benzo(k)fluoranthene	<b>0.0402</b>	0.010	mg/kg	0.040		100 30-140	11.6	40	
Chrysene	<b>0.0538</b>	0.010	mg/kg	0.040		134 30-140	3.02	40	
Dibenzo(a,h)anthracene	<b>0.0510</b>	0.010	mg/kg	0.040		128 30-140	14.3	40	
Fluoranthene	<b>0.0410</b>	0.010	mg/kg	0.040		102 30-140	15.8	40	
Fluorene	<b>0.0360</b>	0.010	mg/kg	0.040		90.0 30-140	17.5	40	
Indeno (1,2,3-cd) pyrene	<b>0.0532</b>	0.040	mg/kg	0.040		133 30-140	5.41	40	
Naphthalene	<b>0.0334</b>	0.010	mg/kg	0.040		83.5 30-140	16.9	40	
Phenanthrene	<b>0.0356</b>	0.010	mg/kg	0.040		89.0 30-140	15.8	40	
Pyrene	<b>0.0358</b>	0.010	mg/kg	0.040		89.5 30-140	9.36	40	

Surrogate: 2-Fluorobiphenyl

0.0244

mg/kg

0.040

61.0 43-116

Surrogate: Terphenyl-dl4

0.0280

mg/kg

0.040

70.0 33-141

**Polychlorinated Biphenyls by GC - Quality Control**

Batch B5G0606 - EPA 3550B

**Blank (B5G0606-BLK1)**

Prepared &amp; Analyzed: 07/06/15

Aroclor-1016	<0.020	0.020	mg/kg						
Aroclor-1221	<0.020	0.020	mg/kg						

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Polychlorinated Biphenyls by GC - Quality Control</b>									
<i>Batch B5G0606 - EPA 3550B</i>									
<b>Blank (B5G0606-BLK1) Continued</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1232	<0.020	0.020	mg/kg						
Aroclor-1242	<0.020	0.020	mg/kg						
Aroclor-1248	<0.020	0.020	mg/kg						
Aroclor-1254	<0.020	0.020	mg/kg						
Aroclor-1260	<0.020	0.020	mg/kg						
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00459</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>91.8 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00332</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>66.3 50-150</i>			
<b>LCS (B5G0606-BS1)</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1016	<b>0.0524</b>	0.020	mg/kg	0.050		105 60-140			
Aroclor-1260	<b>0.0517</b>	0.020	mg/kg	0.050		103 60-140			
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00464</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>92.9 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00293</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>58.7 50-150</i>			
<b>LCS Dup (B5G0606-BSD1)</b>					Prepared & Analyzed: 07/06/15				
Aroclor-1016	<b>0.0433</b>	0.020	mg/kg	0.050		86.6 60-140	19.0	40	
Aroclor-1260	<b>0.0505</b>	0.020	mg/kg	0.050		101 60-140	2.35	40	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00490</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>98.0 50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00254</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>50.7 50-150</i>			
<b>VOCs, OXY &amp; TPHG by GC/MS EPA 5035 - Quality Control</b>									
<i>Batch B5G0209 - EPA 5035</i>									
<b>Blank (B5G0209-BLK1)</b>					Prepared & Analyzed: 07/02/15				
Acetone	<0.050	0.050	mg/kg						
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050	mg/kg						
Benzene	<0.010	0.010	mg/kg						
Bromobenzene	<0.0050	0.0050	mg/kg						
Bromochloromethane	<0.0050	0.0050	mg/kg						
Bromodichloromethane	<0.0050	0.0050	mg/kg						
Bromoform	<0.0050	0.0050	mg/kg						
Bromomethane	<0.0050	0.0050	mg/kg						
2-Butanone (MEK)	<0.050	0.050	mg/kg						
tert-Butyl alcohol (TBA)	<0.020	0.020	mg/kg						

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0209 - EPA 5035

**Blank (B5G0209-BLK1) Continued**

Prepared & Analyzed: 07/02/15

sec-Butylbenzene	<0.0050	0.0050	mg/kg							
tert-Butylbenzene	<0.0050	0.0050	mg/kg							
n-Butylbenzene	<0.0050	0.0050	mg/kg							
Carbon Disulfide	<0.0050	0.0050	mg/kg							
Carbon Tetrachloride	<0.0050	0.0050	mg/kg							
Chlorobenzene	<0.0050	0.0050	mg/kg							
Chloroethane	<0.0050	0.0050	mg/kg							
Chloroform	<0.0050	0.0050	mg/kg							
Chloromethane	<0.0050	0.0050	mg/kg							
2-Chlorotoluene	<0.0050	0.0050	mg/kg							
4-Chlorotoluene	<0.0050	0.0050	mg/kg							
1,2-Dibromo-3-chloropropane	<0.010	0.010	mg/kg							
Dibromochloromethane	<0.0050	0.0050	mg/kg							
1,2-Dibromoethane (EDB)	<0.0050	0.0050	mg/kg							
Dibromomethane	<0.0050	0.0050	mg/kg							
1,4-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,3-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,2-Dichlorobenzene	<0.0050	0.0050	mg/kg							
Dichlorodifluoromethane (R12)	<0.0050	0.0050	mg/kg							
1,1-Dichloroethane	<0.0050	0.0050	mg/kg							
1,2-Dichloroethane (EDC)	<0.0050	0.0050	mg/kg							
trans-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
cis-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
1,1-Dichloroethylene	<0.0050	0.0050	mg/kg							
2,2-Dichloropropane	<0.0050	0.0050	mg/kg							
1,3-Dichloropropane	<0.0050	0.0050	mg/kg							
1,2-Dichloropropane	<0.0050	0.0050	mg/kg							
trans-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
1,1-Dichloropropylene	<0.0050	0.0050	mg/kg							
cis-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
Diisopropyl ether (DIPE)	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager





### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0209 - EPA 5035

**Blank (B5G0209-BLK1) Continued**

Prepared & Analyzed: 07/02/15

Ethylbenzene	<0.0020	0.0020	mg/kg							
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050	mg/kg							
Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg							
Hexachlorobutadiene	<0.010	0.010	mg/kg							
2-Hexanone (MBK)	<0.050	0.050	mg/kg							
Isopropylbenzene	<0.0050	0.0050	mg/kg							
4-Isopropyltoluene	<0.0050	0.0050	mg/kg							
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050	mg/kg							
Methylene Chloride	<0.050	0.050	mg/kg							
4-Methyl-2-pentanone (MIBK)	<0.050	0.050	mg/kg							
Naphthalene	<0.010	0.010	mg/kg							
n-Propylbenzene	<0.0050	0.0050	mg/kg							
Styrene	<0.0050	0.0050	mg/kg							
1,1,1,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
1,1,2,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
Tetrachloroethylene (PCE)	<0.0050	0.0050	mg/kg							
Toluene	<0.0020	0.0020	mg/kg							
1,2,4-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,2,3-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,1,2-Trichloroethane	<0.0050	0.0050	mg/kg							
1,1,1-Trichloroethane	<0.0050	0.0050	mg/kg							
Trichloroethylene (TCE)	<0.0050	0.0050	mg/kg							
Trichlorofluoromethane (R11)	<0.0050	0.0050	mg/kg							
1,2,3-Trichloropropane	<0.0050	0.0050	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050	mg/kg							
1,3,5-Trimethylbenzene	<0.0050	0.0050	mg/kg							
1,2,4-Trimethylbenzene	<0.0050	0.0050	mg/kg							
Vinyl chloride	<0.0050	0.0050	mg/kg							
o-Xylene	<0.0020	0.0020	mg/kg							
m,p-Xylenes	<0.0020	0.0020	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0209 - EPA 5035

**Blank (B5G0209-BLK1) Continued**

Prepared & Analyzed: 07/02/15

Surrogate: 4-Bromofluorobenzene	0.102		mg/kg	0.10		102	70-140			
Surrogate: Dibromofluoromethane	0.112		mg/kg	0.10		112	70-140			
Surrogate: Toluene-d8	0.106		mg/kg	0.10		106	70-140			

**LCS (B5G0209-BS1)**

Prepared & Analyzed: 07/02/15

Benzene	0.0398	0.010	mg/kg	0.040		99.5	75-125			
Bromodichloromethane	0.0397	0.0050	mg/kg	0.040		99.3	75-125			
Bromoform	0.0475	0.0050	mg/kg	0.040		119	75-125			
Carbon Tetrachloride	0.0397	0.0050	mg/kg	0.040		99.2	75-125			
Chlorobenzene	0.0423	0.0050	mg/kg	0.040		106	75-125			
Chloroethane	0.0312	0.0050	mg/kg	0.040		78.0	75-125			
Chloroform	0.0391	0.0050	mg/kg	0.040		97.6	75-125			
Chloromethane	0.0391	0.0050	mg/kg	0.040		97.8	65-125			
Dibromochloromethane	0.0471	0.0050	mg/kg	0.040		118	75-125			
1,4-Dichlorobenzene	0.0421	0.0050	mg/kg	0.040		105	75-125			
1,1-Dichloroethane	0.0405	0.0050	mg/kg	0.040		101	70-125			
1,2-Dichloroethane (EDC)	0.0445	0.0050	mg/kg	0.040		111	75-125			
trans-1,2-Dichloroethylene	0.0415	0.0050	mg/kg	0.040		104	75-125			
cis-1,2-Dichloroethylene	0.0425	0.0050	mg/kg	0.040		106	75-125			
1,1-Dichloroethylene	0.0376	0.0050	mg/kg	0.040		93.9	70-130			
1,2-Dichloropropane	0.0393	0.0050	mg/kg	0.040		98.2	75-130			
cis-1,3-Dichloropropylene	0.0411	0.0050	mg/kg	0.040		103	75-125			
Ethylbenzene	0.0423	0.0020	mg/kg	0.040		106	75-125			
Methyl-tert-Butyl Ether (MTBE)	0.0410	0.0050	mg/kg	0.040		103	75-125			
Methylene Chloride	0.0392	0.050	mg/kg	0.040		98.1	75-130			
1,1,2,2-Tetrachloroethane	0.0446	0.0050	mg/kg	0.040		112	70-135			
Tetrachloroethylene (PCE)	0.0433	0.0050	mg/kg	0.040		108	75-125			
Toluene	0.0386	0.0020	mg/kg	0.040		96.6	75-125			
1,1,2-Trichloroethane	0.0447	0.0050	mg/kg	0.040		112	75-125			
1,1,1-Trichloroethane	0.0392	0.0050	mg/kg	0.040		98.0	75-125			
Trichloroethylene (TCE)	0.0378	0.0050	mg/kg	0.040		94.6	75-125			
Vinyl chloride	0.0360	0.0050	mg/kg	0.040		89.9	75-125			

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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#### VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B5G0209 - EPA 5035

#### LCS (B5G0209-BS1) Continued

Prepared & Analyzed: 07/02/15

o-Xylene	<b>0.0402</b>	0.0020	mg/kg	0.040		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.0965		mg/kg	0.10		96.5	70-140			
Surrogate: Dibromofluoromethane	0.0901		mg/kg	0.10		90.1	70-140			
Surrogate: Toluene-d8	0.0998		mg/kg	0.10		99.8	70-140			

#### LCS Dup (B5G0209-BSD1)

Prepared & Analyzed: 07/02/15

Benzene	<b>0.0425</b>	0.010	mg/kg	0.040		106	75-125	6.51	30	
Bromodichloromethane	<b>0.0438</b>	0.0050	mg/kg	0.040		110	75-125	9.86	30	
Bromoform	<b>0.0471</b>	0.0050	mg/kg	0.040		118	75-125	0.803	30	
Carbon Tetrachloride	<b>0.0431</b>	0.0050	mg/kg	0.040		108	75-125	8.41	30	
Chlorobenzene	<b>0.0413</b>	0.0050	mg/kg	0.040		103	75-125	2.39	30	
Chloroethane	<b>0.0391</b>	0.0050	mg/kg	0.040		97.8	75-125	22.6	30	
Chloroform	<b>0.0428</b>	0.0050	mg/kg	0.040		107	75-125	9.18	30	
Chloromethane	<b>0.0397</b>	0.0050	mg/kg	0.040		99.2	65-125	1.42	30	
Dibromochloromethane	<b>0.0477</b>	0.0050	mg/kg	0.040		119	75-125	1.35	30	
1,4-Dichlorobenzene	<b>0.0421</b>	0.0050	mg/kg	0.040		105	75-125	0.00	30	
1,1-Dichloroethane	<b>0.0443</b>	0.0050	mg/kg	0.040		111	70-125	8.97	30	
1,2-Dichloroethane (EDC)	<b>0.0498</b>	0.0050	mg/kg	0.040		124	75-125	11.3	30	
trans-1,2-Dichloroethylene	<b>0.0441</b>	0.0050	mg/kg	0.040		110	75-125	6.02	30	
cis-1,2-Dichloroethylene	<b>0.0456</b>	0.0050	mg/kg	0.040		114	75-125	7.08	30	
1,1-Dichloroethylene	<b>0.0405</b>	0.0050	mg/kg	0.040		101	70-130	7.48	30	
1,2-Dichloropropane	<b>0.0443</b>	0.0050	mg/kg	0.040		111	75-130	12.1	30	
cis-1,3-Dichloropropylene	<b>0.0438</b>	0.0050	mg/kg	0.040		110	75-125	6.36	30	
Ethylbenzene	<b>0.0427</b>	0.0020	mg/kg	0.040		107	75-125	0.800	30	
Methyl-tert-Butyl Ether (MTBE)	<b>0.0460</b>	0.0050	mg/kg	0.040		115	75-125	11.4	30	
Methylene Chloride	<b>0.0413</b>	0.050	mg/kg	0.040		103	75-130	5.21	30	
1,1,2,2-Tetrachloroethane	<b>0.0466</b>	0.0050	mg/kg	0.040		116	70-135	4.25	30	
Tetrachloroethylene (PCE)	<b>0.0422</b>	0.0050	mg/kg	0.040		106	75-125	2.53	30	
Toluene	<b>0.0397</b>	0.0020	mg/kg	0.040		99.3	75-125	2.81	30	
1,1,2-Trichloroethane	<b>0.0471</b>	0.0050	mg/kg	0.040		118	75-125	5.28	30	
1,1,1-Trichloroethane	<b>0.0425</b>	0.0050	mg/kg	0.040		106	75-125	7.98	30	
Trichloroethylene (TCE)	<b>0.0409</b>	0.0050	mg/kg	0.040		102	75-125	7.82	30	

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0209 - EPA 5035

**LCS Dup (B5G0209-BSD1) Continued**

Prepared & Analyzed: 07/02/15

Vinyl chloride	0.0449	0.0050	mg/kg	0.040		112	75-125	22.2	30	
o-Xylene	0.0413	0.0020	mg/kg	0.040		103	75-125	2.80	30	
Surrogate: 4-Bromofluorobenzene	0.0996		mg/kg	0.10		99.6	70-140			
Surrogate: Dibromofluoromethane	0.0939		mg/kg	0.10		93.9	70-140			
Surrogate: Toluene-d8	0.102		mg/kg	0.10		102	70-140			

**Carbon Chain by GC/FID - Quality Control**

Batch B5G0214 - EPA 3550B

**Blank (B5G0214-BLK1)**

Prepared & Analyzed: 07/02/15

C13-C22	<10	10	mg/kg							
C23-C32	<10	10	mg/kg							
C33-C44	<10	10	mg/kg							
Surrogate: o-Terphenyl	10.3		mg/kg	10		103	50-150			

**LCS (B5G0214-BS1)**

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	233	10	mg/kg	200		116	70-130			
Surrogate: o-Terphenyl	12.0		mg/kg	10		120	50-150			

**LCS Dup (B5G0214-BSD1)**

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	231	10	mg/kg	200		116	70-130	0.592	40	
Surrogate: o-Terphenyl	11.9		mg/kg	10		119	50-150			

Batch B5G0215 - EPA 3550B

**Blank (B5G0215-BLK1)**

Prepared & Analyzed: 07/02/15

C13-C22	<10	10	mg/kg							
C23-C32	<10	10	mg/kg							
C33-C44	<10	10	mg/kg							
Surrogate: o-Terphenyl	10.8		mg/kg	10		108	50-150			

**LCS (B5G0215-BS1)**

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	203	10	mg/kg	200		102	70-130			
Surrogate: o-Terphenyl	12.0		mg/kg	10		120	50-150			

**LCS Dup (B5G0215-BSD1)**

Prepared & Analyzed: 07/02/15

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**Carbon Chain by GC/FID - Quality Control**

*Batch B5G0215 - EPA 3550B*

**LCS Dup (B5G0215-BSD1) Continued**

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	211	10	mg/kg	200	105	70-130	3.45	40	
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<i>Surrogate: o-Terphenyl</i>	12.1		mg/kg	10	121	50-150			
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**Matrix Spike (B5G0215-MS1) Source: 5G02007-04** Prepared: 07/02/15 Analyzed: 07/03/15

Diesel Range Organics as Diesel	223	10	mg/kg	210	108	60-140			
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<i>Surrogate: o-Terphenyl</i>	12.6		mg/kg	10	123	50-150			
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**Matrix Spike Dup (B5G0215-MSD1) Source: 5G02007-04** Prepared: 07/02/15 Analyzed: 07/03/15

Diesel Range Organics as Diesel	201	10	mg/kg	200	99.6	60-140	10.4	40	
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<i>Surrogate: o-Terphenyl</i>	12.1		mg/kg	10	120	50-150			
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**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331395  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

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### Special Notes

[1] = **S-GC** : Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

Gasoline Range Organics (GRO) concentration represents the C4-C12 carbon range.

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**Viorel Vasile**  
Operations Manager



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311  
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 122880  
70043359  
Page of 1

Client: The Source Group Project Name / No.: DPR Norwalk Remediation Sampler's Name: Angela Capra  
 Project Manager: N. Irish, K. Wall Site Address: 5300 Norwalk Blvd Sampler's Signature: [Signature]  
 Phone: (562) 597-1055 City: Norwalk P.O. No.: 04-NBLA-007  
 Fax: (562) 597-1055 State & Zip: CA Quote No.:

### TAT Turnaround Codes \*\*

- ① = Same Day Rush
- ② = 24 Hour Rush
- ③ = 48 Hour Rush
- ④ = 72 Hour Rush
- ⑤ = 5 Day Rush
- X = 10 Working Days (Standard TAT)

### ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Please enter the TAT Turnaround Codes ** below		Special Instructions
CS-2A-126A-JD	SG02006-91	7-1-15		soil	4			
CS-2A-129A-JD	92							
CS-2A-130-JD	93							Hold TPH
CS-2A-135A-JD	94							Hold TPH
CS-2A-138A-JD	95							
CS-2A-142-JD	96							
CS-2A-148A-M	97							
CS-2A-148A-L	98							
CS-2A-143A-M	99							
CS-2A-143A-L	10							
For Laboratory Use								
A.A. Project No.: <u>AS331395/SG02006</u>		Relinquished by <u>[Signature]</u>			Relinquished by <u>[Signature]</u>		Relinquished by <u>[Signature]</u>	
		Date: <u>7/1/15</u>	Date: <u>7/2/15</u>	Date: <u>7/2/15</u>	Time: <u>6:30p</u>	Time: <u>7:15am</u>	Time: <u>7:15am</u>	Received by <u>[Signature]</u>
		Rush Hrs <u>24</u>		Rush Time <u>03/15</u>		Sign <u>[Signature]</u>		Received by <u>[Signature]</u>

Note: By relinquishing samples to American Analytix, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytix.



9765 Eton Avenue  
Chatsworth  
California 91311  
Tel: (818) 998-5547  
Fax: (818) 998-7258

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July 08, 2015

Neil Irish

The Source Group, Inc. (SH)  
1962 Freeman Ave.  
Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007  
A5331397 / 5G02008**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 07/02/15 07:45 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**8082 PCBs**

CS-14-200A-M	5G02008-13	Soil	5	07/01/15 00:00	07/02/15 07:45
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**8260B/5035 +OXY+TPHG**

CS-14-202-JD	5G02008-01	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-179A-JD	5G02008-02	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-190A-JD	5G02008-03	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-183A-JD	5G02008-04	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-186A-JD	5G02008-05	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-197A-JD	5G02008-06	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-193A-JD	5G02008-07	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-180-JD	5G02008-08	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-202A-M	5G02008-09	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-202A-L	5G02008-10	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-207A-M	5G02008-11	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-207A-L	5G02008-12	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-200A-M	5G02008-13	Soil	1	07/01/15 00:00	07/02/15 07:45
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CS-14-200A-L	5G02008-14	Soil	1	07/01/15 00:00	07/02/15 07:45
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**8270C PAHs SIM**

CS-14-200A-M	5G02008-13	Soil	5	07/01/15 00:00	07/02/15 07:45
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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**Carbon Chain Custom**

CS-14-179A-JD	5G02008-02	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-190A-JD	5G02008-03	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-183A-JD	5G02008-04	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-186A-JD	5G02008-05	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-197A-JD	5G02008-06	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-193A-JD	5G02008-07	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-202A-M	5G02008-09	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-202A-L	5G02008-10	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-207A-M	5G02008-11	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-207A-L	5G02008-12	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-200A-M	5G02008-13	Soil	1	07/01/15 00:00	07/02/15 07:45
CS-14-200A-L	5G02008-14	Soil	1	07/01/15 00:00	07/02/15 07:45

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** PAHs SIM by EPA 8270C

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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**Date Sampled:** 07/01/15  
**Date Prepared:** 07/06/15  
**Date Analyzed:** 07/06/15  
**AA ID No:** 5G02008-13  
**Client ID No:** CS-14-200A-M  
**Matrix:** Soil  
**Dilution Factor:** 1 MRL

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**8270C PAHs SIM (EPA 8270M)**

Acenaphthene	<0.010	0.010
Acenaphthylene	<0.010	0.010
Anthracene	<0.010	0.010
Benzo(a)anthracene	<0.010	0.010
Benzo(a)pyrene	<0.010	0.010
Benzo(b)fluoranthene	<0.010	0.010
Benzo(g,h,i)perylene	<0.010	0.010
Benzo(k)fluoranthene	<0.010	0.010
Chrysene	<0.010	0.010
Dibenzo(a,h)anthracene	<0.010	0.010
Fluoranthene	<0.010	0.010
Fluorene	<0.010	0.010
Indeno (1,2,3-cd) pyrene	<0.040	0.040
Naphthalene	<0.010	0.010
Phenanthrene	<0.010	0.010
Pyrene	<0.010	0.010

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<b>Surrogates</b>		<b>%REC Limits</b>
2-Fluorobiphenyl	48%	43-116
Terphenyl-d14	63%	33-141

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**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Polychlorinated Biphenyls by GC

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	07/01/15	
<b>Date Prepared:</b>	07/06/15	
<b>Date Analyzed:</b>	07/06/15	
<b>AA ID No:</b>	5G02008-13	
<b>Client ID No:</b>	CS-14-200A-M	
<b>Matrix:</b>	Soil	
<b>Dilution Factor:</b>	1	MRL

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**8082 PCBs (EPA 8082)**

Aroclor-1016	<0.020	0.020
Aroclor-1221	<0.020	0.020
Aroclor-1232	<0.020	0.020
Aroclor-1242	<0.020	0.020
Aroclor-1248	<0.020	0.020
Aroclor-1254	<0.020	0.020
Aroclor-1260	<0.020	0.020

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<b><u>Surrogates</u></b>		<b><u>%REC Limits</u></b>
Decachlorobiphenyl	98%	50-150
Tetrachloro-meta-xylene	90%	50-150

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02008-01	5G02008-02	5G02008-03	5G02008-04	
<b>Client ID No:</b>	CS-14-202-JD	CS-14-179A-JD	CS-14-190A-JD	CS-14-183A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02008-01	5G02008-02	5G02008-03	5G02008-04	
<b>Client ID No:</b>	CS-14-202-JD	CS-14-179A-JD	CS-14-190A-JD	CS-14-183A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02008-01	5G02008-02	5G02008-03	5G02008-04	
<b>Client ID No:</b>	CS-14-202-JD	CS-14-179A-JD	CS-14-190A-JD	CS-14-183A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

**Surrogates**

					<b>%REC Limits</b>
4-Bromofluorobenzene	113%	107%	111%	109%	70-140
Dibromofluoromethane	126%	135%	127%	132%	70-140
Toluene-d8	110%	100%	107%	109%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/06/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/06/15	07/03/15	
<b>AA ID No:</b>	5G02008-05	5G02008-06	5G02008-07	5G02008-08	
<b>Client ID No:</b>	CS-14-186A-JD	CS-14-197A-JD	CS-14-193A-JD	CS-14-180-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/06/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/06/15	07/03/15	
<b>AA ID No:</b>	5G02008-05	5G02008-06	5G02008-07	5G02008-08	
<b>Client ID No:</b>	CS-14-186A-JD	CS-14-197A-JD	CS-14-193A-JD	CS-14-180-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/06/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/06/15	07/03/15	
<b>AA ID No:</b>	5G02008-05	5G02008-06	5G02008-07	5G02008-08	
<b>Client ID No:</b>	CS-14-186A-JD	CS-14-197A-JD	CS-14-193A-JD	CS-14-180-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<b>0.0024</b>	<b>0.0021</b>	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

**Surrogates**

4-Bromofluorobenzene	114%	112%	103%	100%	<b>%REC Limits</b> 70-140
Dibromofluoromethane	142% [1]	136%	114%	123%	70-140
Toluene-d8	108%	104%	93%	99%	70-140

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/06/15	07/06/15	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/06/15	07/06/15	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02008-09	5G02008-10	5G02008-11	5G02008-12	
<b>Client ID No:</b>	CS-14-202A-M	CS-14-202A-L	CS-14-207A-M	CS-14-207A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035)**

Acetone	<0.050	<0.050	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/06/15	07/06/15	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/06/15	07/06/15	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02008-09	5G02008-10	5G02008-11	5G02008-12	
<b>Client ID No:</b>	CS-14-202A-M	CS-14-202A-L	CS-14-207A-M	CS-14-207A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/06/15	07/06/15	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/06/15	07/06/15	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02008-09	5G02008-10	5G02008-11	5G02008-12	
<b>Client ID No:</b>	CS-14-202A-M	CS-14-202A-L	CS-14-207A-M	CS-14-207A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	<0.0020	<b>0.0020</b>	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	<0.0020	<0.0020	0.0020

**Surrogates**

4-Bromofluorobenzene	99%	106%	110%	101%	<b>%REC Limits</b> 70-140
Dibromofluoromethane	121%	118%	122%	127%	70-140
Toluene-d8	89%	96%	96%	87%	70-140

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02008-13	5G02008-14	
<b>Client ID No:</b>	CS-14-200A-M	CS-14-200A-L	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

#### 8260B/5035 +OXY+TPHG (EPA 8260B/5035)

Acetone	<0.050	<0.050	0.050
tert-Amyl Methyl Ether (TAME)	<0.0050	<0.0050	0.0050
Benzene	<0.010	<0.010	0.010
Bromobenzene	<0.0050	<0.0050	0.0050
Bromochloromethane	<0.0050	<0.0050	0.0050
Bromodichloromethane	<0.0050	<0.0050	0.0050
Bromoform	<0.0050	<0.0050	0.0050
Bromomethane	<0.0050	<0.0050	0.0050
2-Butanone (MEK)	<0.050	<0.050	0.050
tert-Butyl alcohol (TBA)	<0.020	<0.020	0.020
sec-Butylbenzene	<0.0050	<0.0050	0.0050
tert-Butylbenzene	<0.0050	<0.0050	0.0050
n-Butylbenzene	<0.0050	<0.0050	0.0050
Carbon Disulfide	<0.0050	<0.0050	0.0050
Carbon Tetrachloride	<0.0050	<0.0050	0.0050
Chlorobenzene	<0.0050	<0.0050	0.0050
Chloroethane	<0.0050	<0.0050	0.0050
Chloroform	<0.0050	<0.0050	0.0050
Chloromethane	<0.0050	<0.0050	0.0050
2-Chlorotoluene	<0.0050	<0.0050	0.0050
4-Chlorotoluene	<0.0050	<0.0050	0.0050
1,2-Dibromo-3-chloropropane	<0.010	<0.010	0.010
Dibromochloromethane	<0.0050	<0.0050	0.0050
1,2-Dibromoethane (EDB)	<0.0050	<0.0050	0.0050
Dibromomethane	<0.0050	<0.0050	0.0050
1,4-Dichlorobenzene	<0.0050	<0.0050	0.0050
1,3-Dichlorobenzene	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02008-13	5G02008-14	
<b>Client ID No:</b>	CS-14-200A-M	CS-14-200A-L	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

1,2-Dichlorobenzene	<0.0050	<0.0050	0.0050
Dichlorodifluoromethane (R12)	<0.0050	<0.0050	0.0050
1,1-Dichloroethane	<0.0050	<0.0050	0.0050
1,2-Dichloroethane (EDC)	<0.0050	<0.0050	0.0050
trans-1,2-Dichloroethylene	<0.0050	<0.0050	0.0050
cis-1,2-Dichloroethylene	<0.0050	<0.0050	0.0050
1,1-Dichloroethylene	<0.0050	<0.0050	0.0050
2,2-Dichloropropane	<0.0050	<0.0050	0.0050
1,3-Dichloropropane	<0.0050	<0.0050	0.0050
1,2-Dichloropropane	<0.0050	<0.0050	0.0050
trans-1,3-Dichloropropylene	<0.0050	<0.0050	0.0050
1,1-Dichloropropylene	<0.0050	<0.0050	0.0050
cis-1,3-Dichloropropylene	<0.0050	<0.0050	0.0050
Diisopropyl ether (DIPE)	<0.0050	<0.0050	0.0050
Ethylbenzene	<0.0020	<0.0020	0.0020
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	<0.0050	0.0050
Gasoline Range Organics (GRO)	<0.50	<0.50	0.50
Hexachlorobutadiene	<0.010	<0.010	0.010
2-Hexanone (MBK)	<0.050	<0.050	0.050
Isopropylbenzene	<0.0050	<0.0050	0.0050
4-Isopropyltoluene	<0.0050	<0.0050	0.0050
Methyl-tert-Butyl Ether (MTBE)	<0.0050	<0.0050	0.0050
Methylene Chloride	<0.050	<0.050	0.050
4-Methyl-2-pentanone (MIBK)	<0.050	<0.050	0.050
Naphthalene	<0.010	<0.010	0.010
n-Propylbenzene	<0.0050	<0.0050	0.0050

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** VOCs, OXY & TPHG by GC/MS EPA 5035

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/06/15	07/06/15	
<b>Date Analyzed:</b>	07/06/15	07/06/15	
<b>AA ID No:</b>	5G02008-13	5G02008-14	
<b>Client ID No:</b>	CS-14-200A-M	CS-14-200A-L	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)**

Styrene	<0.0050	<0.0050	0.0050
1,1,1,2-Tetrachloroethane	<0.0050	<0.0050	0.0050
1,1,2,2-Tetrachloroethane	<0.0050	<0.0050	0.0050
Tetrachloroethylene (PCE)	<0.0050	<0.0050	0.0050
Toluene	<0.0020	<0.0020	0.0020
1,2,4-Trichlorobenzene	<0.0050	<0.0050	0.0050
1,2,3-Trichlorobenzene	<0.0050	<0.0050	0.0050
1,1,2-Trichloroethane	<0.0050	<0.0050	0.0050
1,1,1-Trichloroethane	<0.0050	<0.0050	0.0050
Trichloroethylene (TCE)	<0.0050	<0.0050	0.0050
Trichlorofluoromethane (R11)	<0.0050	<0.0050	0.0050
1,2,3-Trichloropropane	<0.0050	<0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	<0.0050	0.0050
1,3,5-Trimethylbenzene	<0.0050	<0.0050	0.0050
1,2,4-Trimethylbenzene	<0.0050	<0.0050	0.0050
Vinyl chloride	<0.0050	<0.0050	0.0050
o-Xylene	<0.0020	<0.0020	0.0020
m,p-Xylenes	<0.0020	<0.0020	0.0020

**Surrogates**

			<b>%REC Limits</b>
4-Bromofluorobenzene	93%	94%	70-140
Dibromofluoromethane	122%	123%	70-140
Toluene-d8	96%	97%	70-140

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/02/15	07/02/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02008-02	5G02008-03	5G02008-04	5G02008-05	
<b>Client ID No:</b>	CS-14-179A-JD	CS-14-190A-JD	CS-14-183A-JD	CS-14-186A-JD	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	<b>11</b>	<10	<10	<10	10
C23-C32	<b>79</b>	<10	<b>14</b>	<b>34</b>	10
C33-C44	<b>72</b>	<10	<b>14</b>	<b>34</b>	10

**Surrogates**

o-Terphenyl	124%	119%	117%	122%	<b><u>%REC Limits</u></b> 50-150
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**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)  
 Project No: 04-NDLA-007  
 Project Name: DFSP Norwalk Soil Remediation  
 Method: Carbon Chain by GC/FID

AA Project No: A5331397  
 Date Received: 07/02/15  
 Date Reported: 07/08/15  
 Units: mg/kg

Date Sampled:	07/01/15	07/01/15	07/01/15	07/01/15	
Date Prepared:	07/02/15	07/02/15	07/02/15	07/02/15	
Date Analyzed:	07/03/15	07/03/15	07/03/15	07/03/15	
AA ID No:	5G02008-06	5G02008-07	5G02008-09	5G02008-10	
Client ID No:	CS-14-197A-JD	CS-14-193A-JD	CS-14-202A-M	CS-14-202A-L	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

#### Carbon Chain Custom (EPA 8015M)

C13-C22	<10	<10	<10	<b>22</b>	10
C23-C32	<10	<b>17</b>	<10	<b>150</b>	10
C33-C44	<10	<b>19</b>	<10	<b>120</b>	10

<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	112%	119%	113%	114%	50-150

**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Carbon Chain by GC/FID

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15  
**Units:** mg/kg

<b>Date Sampled:</b>	07/01/15	07/01/15	07/01/15	07/01/15	
<b>Date Prepared:</b>	07/02/15	07/02/15	07/02/15	07/02/15	
<b>Date Analyzed:</b>	07/03/15	07/03/15	07/03/15	07/03/15	
<b>AA ID No:</b>	5G02008-11	5G02008-12	5G02008-13	5G02008-14	
<b>Client ID No:</b>	CS-14-207A-M	CS-14-207A-L	CS-14-200A-M	CS-14-200A-L	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**Carbon Chain Custom (EPA 8015M)**

C13-C22	17	<10	<10	<10	10
C23-C32	85	<10	<10	<10	10
C33-C44	67	<10	<10	<10	10

<b><u>Surrogates</u></b>					<b><u>%REC Limits</u></b>
o-Terphenyl	114%	117%	116%	123%	50-150

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control**

Batch B5G0605 - EPA 3545 MS

**Blank (B5G0605-BLK1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<0.010	0.010	mg/kg
Acenaphthylene	<0.010	0.010	mg/kg
Anthracene	<0.010	0.010	mg/kg
Benzo(a)anthracene	<0.010	0.010	mg/kg
Benzo(a)pyrene	<0.010	0.010	mg/kg
Benzo(b)fluoranthene	<0.010	0.010	mg/kg
Benzo(g,h,i)perylene	<0.010	0.010	mg/kg
Benzo(k)fluoranthene	<0.010	0.010	mg/kg
Chrysene	<0.010	0.010	mg/kg
Dibenzo(a,h)anthracene	<0.010	0.010	mg/kg
Fluoranthene	<0.010	0.010	mg/kg
Fluorene	<0.010	0.010	mg/kg
Indeno (1,2,3-cd) pyrene	<0.040	0.040	mg/kg
Naphthalene	<0.010	0.010	mg/kg
Phenanthrene	<0.010	0.010	mg/kg
Pyrene	<0.010	0.010	mg/kg

Surrogate: 2-Fluorobiphenyl

0.0254

mg/kg

0.040

63.5 43-116

Surrogate: Terphenyl-dl4

0.0326

mg/kg

0.040

81.5 33-141

**LCS (B5G0605-BS1)**

Prepared & Analyzed: 07/06/15

Acenaphthene	<b>0.0264</b>	0.010	mg/kg	0.040	66.0	30-140
Acenaphthylene	<b>0.0288</b>	0.010	mg/kg	0.040	72.0	30-140
Anthracene	<b>0.0310</b>	0.010	mg/kg	0.040	77.5	30-140
Benzo(a)anthracene	<b>0.0388</b>	0.010	mg/kg	0.040	97.0	30-140
Benzo(a)pyrene	<b>0.0432</b>	0.010	mg/kg	0.040	108	30-140
Benzo(b)fluoranthene	<b>0.0458</b>	0.010	mg/kg	0.040	114	30-140
Benzo(g,h,i)perylene	<b>0.0358</b>	0.010	mg/kg	0.040	89.5	30-140
Benzo(k)fluoranthene	<b>0.0358</b>	0.010	mg/kg	0.040	89.5	30-140
Chrysene	<b>0.0522</b>	0.010	mg/kg	0.040	130	30-140
Dibenzo(a,h)anthracene	<b>0.0442</b>	0.010	mg/kg	0.040	110	30-140
Fluoranthene	<b>0.0350</b>	0.010	mg/kg	0.040	87.5	30-140
Fluorene	<b>0.0302</b>	0.010	mg/kg	0.040	75.5	30-140

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**PAHs SIM by EPA 8270C - Quality Control**

Batch B5G0605 - EPA 3545 MS

**LCS (B5G0605-BS1) Continued**

Prepared &amp; Analyzed: 07/06/15

Indeno (1,2,3-cd) pyrene	0.0504	0.040	mg/kg	0.040		126	30-140			
Naphthalene	0.0282	0.010	mg/kg	0.040		70.5	30-140			
Phenanthrene	0.0304	0.010	mg/kg	0.040		76.0	30-140			
Pyrene	0.0326	0.010	mg/kg	0.040		81.5	30-140			

Surrogate: 2-Fluorobiphenyl

0.0238

mg/kg

0.040

59.5 43-116

Surrogate: Terphenyl-dl4

0.0292

mg/kg

0.040

73.0 33-141

**LCS Dup (B5G0605-BSD1)**

Prepared &amp; Analyzed: 07/06/15

Acenaphthene	0.0326	0.010	mg/kg	0.040		81.5	30-140	21.0	40	
Acenaphthylene	0.0348	0.010	mg/kg	0.040		87.0	30-140	18.9	40	
Anthracene	0.0358	0.010	mg/kg	0.040		89.5	30-140	14.4	40	
Benzo(a)anthracene	0.0446	0.010	mg/kg	0.040		112	30-140	13.9	40	
Benzo(a)pyrene	0.0488	0.010	mg/kg	0.040		122	30-140	12.2	40	
Benzo(b)fluoranthene	0.0514	0.010	mg/kg	0.040		128	30-140	11.5	40	
Benzo(g,h,i)perylene	0.0416	0.010	mg/kg	0.040		104	30-140	15.0	40	
Benzo(k)fluoranthene	0.0402	0.010	mg/kg	0.040		100	30-140	11.6	40	
Chrysene	0.0538	0.010	mg/kg	0.040		134	30-140	3.02	40	
Dibenzo(a,h)anthracene	0.0510	0.010	mg/kg	0.040		128	30-140	14.3	40	
Fluoranthene	0.0410	0.010	mg/kg	0.040		102	30-140	15.8	40	
Fluorene	0.0360	0.010	mg/kg	0.040		90.0	30-140	17.5	40	
Indeno (1,2,3-cd) pyrene	0.0532	0.040	mg/kg	0.040		133	30-140	5.41	40	
Naphthalene	0.0334	0.010	mg/kg	0.040		83.5	30-140	16.9	40	
Phenanthrene	0.0356	0.010	mg/kg	0.040		89.0	30-140	15.8	40	
Pyrene	0.0358	0.010	mg/kg	0.040		89.5	30-140	9.36	40	

Surrogate: 2-Fluorobiphenyl

0.0244

mg/kg

0.040

61.0 43-116

Surrogate: Terphenyl-dl4

0.0280

mg/kg

0.040

70.0 33-141

**Polychlorinated Biphenyls by GC - Quality Control**

Batch B5G0606 - EPA 3550B

**Blank (B5G0606-BLK1)**

Prepared &amp; Analyzed: 07/06/15

Aroclor-1016	<0.020	0.020	mg/kg							
Aroclor-1221	<0.020	0.020	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**Polychlorinated Biphenyls by GC - Quality Control**

Batch B5G0606 - EPA 3550B

**Blank (B5G0606-BLK1) Continued**

Prepared & Analyzed: 07/06/15

Aroclor-1232	<0.020	0.020	mg/kg							
Aroclor-1242	<0.020	0.020	mg/kg							
Aroclor-1248	<0.020	0.020	mg/kg							
Aroclor-1254	<0.020	0.020	mg/kg							
Aroclor-1260	<0.020	0.020	mg/kg							

Surrogate: Decachlorobiphenyl	0.00459		mg/kg	0.0050		91.8	50-150			
Surrogate: Tetrachloro-meta-xylene	0.00332		mg/kg	0.0050		66.3	50-150			

**LCS (B5G0606-BS1)**

Prepared & Analyzed: 07/06/15

Aroclor-1016	<b>0.0524</b>	0.020	mg/kg	0.050		105	60-140			
Aroclor-1260	<b>0.0517</b>	0.020	mg/kg	0.050		103	60-140			

Surrogate: Decachlorobiphenyl	0.00464		mg/kg	0.0050		92.9	50-150			
Surrogate: Tetrachloro-meta-xylene	0.00293		mg/kg	0.0050		58.7	50-150			

**LCS Dup (B5G0606-BSD1)**

Prepared & Analyzed: 07/06/15

Aroclor-1016	<b>0.0433</b>	0.020	mg/kg	0.050		86.6	60-140	19.0	40	
Aroclor-1260	<b>0.0505</b>	0.020	mg/kg	0.050		101	60-140	2.35	40	

Surrogate: Decachlorobiphenyl	0.00490		mg/kg	0.0050		98.0	50-150			
Surrogate: Tetrachloro-meta-xylene	0.00254		mg/kg	0.0050		50.7	50-150			

**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0217 - EPA 5035

**Blank (B5G0217-BLK1)**

Prepared: 07/02/15 Analyzed: 07/03/15

Acetone	<0.050	0.050	mg/kg							
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050	mg/kg							
Benzene	<0.010	0.010	mg/kg							
Bromobenzene	<0.0050	0.0050	mg/kg							
Bromochloromethane	<0.0050	0.0050	mg/kg							
Bromodichloromethane	<0.0050	0.0050	mg/kg							
Bromoform	<0.0050	0.0050	mg/kg							
Bromomethane	<0.0050	0.0050	mg/kg							
2-Butanone (MEK)	<0.050	0.050	mg/kg							
tert-Butyl alcohol (TBA)	<0.020	0.020	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0217 - EPA 5035

**Blank (B5G0217-BLK1) Continued**

Prepared: 07/02/15 Analyzed: 07/03/15

sec-Butylbenzene	<0.0050	0.0050	mg/kg							
tert-Butylbenzene	<0.0050	0.0050	mg/kg							
n-Butylbenzene	<0.0050	0.0050	mg/kg							
Carbon Disulfide	<0.0050	0.0050	mg/kg							
Carbon Tetrachloride	<0.0050	0.0050	mg/kg							
Chlorobenzene	<0.0050	0.0050	mg/kg							
Chloroethane	<0.0050	0.0050	mg/kg							
Chloroform	<0.0050	0.0050	mg/kg							
Chloromethane	<0.0050	0.0050	mg/kg							
2-Chlorotoluene	<0.0050	0.0050	mg/kg							
4-Chlorotoluene	<0.0050	0.0050	mg/kg							
1,2-Dibromo-3-chloropropane	<0.010	0.010	mg/kg							
Dibromochloromethane	<0.0050	0.0050	mg/kg							
1,2-Dibromoethane (EDB)	<0.0050	0.0050	mg/kg							
Dibromomethane	<0.0050	0.0050	mg/kg							
1,4-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,3-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,2-Dichlorobenzene	<0.0050	0.0050	mg/kg							
Dichlorodifluoromethane (R12)	<0.0050	0.0050	mg/kg							
1,1-Dichloroethane	<0.0050	0.0050	mg/kg							
1,2-Dichloroethane (EDC)	<0.0050	0.0050	mg/kg							
trans-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
cis-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
1,1-Dichloroethylene	<0.0050	0.0050	mg/kg							
2,2-Dichloropropane	<0.0050	0.0050	mg/kg							
1,3-Dichloropropane	<0.0050	0.0050	mg/kg							
1,2-Dichloropropane	<0.0050	0.0050	mg/kg							
trans-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
1,1-Dichloropropylene	<0.0050	0.0050	mg/kg							
cis-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
Diisopropyl ether (DIPE)	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0217 - EPA 5035

**Blank (B5G0217-BLK1) Continued**

Prepared: 07/02/15 Analyzed: 07/03/15

Ethylbenzene	<0.0020	0.0020	mg/kg							
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050	mg/kg							
Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg							
Hexachlorobutadiene	<0.010	0.010	mg/kg							
2-Hexanone (MBK)	<0.050	0.050	mg/kg							
Isopropylbenzene	<0.0050	0.0050	mg/kg							
4-Isopropyltoluene	<0.0050	0.0050	mg/kg							
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050	mg/kg							
Methylene Chloride	<0.050	0.050	mg/kg							
4-Methyl-2-pentanone (MIBK)	<0.050	0.050	mg/kg							
Naphthalene	<0.010	0.010	mg/kg							
n-Propylbenzene	<0.0050	0.0050	mg/kg							
Styrene	<0.0050	0.0050	mg/kg							
1,1,1,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
1,1,2,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
Tetrachloroethylene (PCE)	<0.0050	0.0050	mg/kg							
Toluene	<0.0020	0.0020	mg/kg							
1,2,4-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,2,3-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,1,2-Trichloroethane	<0.0050	0.0050	mg/kg							
1,1,1-Trichloroethane	<0.0050	0.0050	mg/kg							
Trichloroethylene (TCE)	<0.0050	0.0050	mg/kg							
Trichlorofluoromethane (R11)	<0.0050	0.0050	mg/kg							
1,2,3-Trichloropropane	<0.0050	0.0050	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050	mg/kg							
1,3,5-Trimethylbenzene	<0.0050	0.0050	mg/kg							
1,2,4-Trimethylbenzene	<0.0050	0.0050	mg/kg							
Vinyl chloride	<0.0050	0.0050	mg/kg							
o-Xylene	<0.0020	0.0020	mg/kg							
m,p-Xylenes	<0.0020	0.0020	mg/kg							

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0217 - EPA 5035

**Blank (B5G0217-BLK1) Continued**

Prepared: 07/02/15 Analyzed: 07/03/15

Surrogate: 4-Bromofluorobenzene	0.0894		mg/kg	0.10		89.4	70-140			
Surrogate: Dibromofluoromethane	0.110		mg/kg	0.10		110	70-140			
Surrogate: Toluene-d8	0.0962		mg/kg	0.10		96.2	70-140			

**LCS (B5G0217-BS1)**

Prepared &amp; Analyzed: 07/02/15

Benzene	<b>0.0395</b>	0.010	mg/kg	0.040		98.8	75-125			
Bromodichloromethane	<b>0.0438</b>	0.0050	mg/kg	0.040		110	75-125			
Bromoform	<b>0.0432</b>	0.0050	mg/kg	0.040		108	75-125			
Carbon Tetrachloride	<b>0.0401</b>	0.0050	mg/kg	0.040		100	75-125			
Chlorobenzene	<b>0.0375</b>	0.0050	mg/kg	0.040		93.8	75-125			
Chloroethane	<b>0.0312</b>	0.0050	mg/kg	0.040		78.0	75-125			
Chloroform	<b>0.0406</b>	0.0050	mg/kg	0.040		101	75-125			
Chloromethane	<b>0.0303</b>	0.0050	mg/kg	0.040		75.7	65-125			
Dibromochloromethane	<b>0.0385</b>	0.0050	mg/kg	0.040		96.4	75-125			
1,4-Dichlorobenzene	<b>0.0378</b>	0.0050	mg/kg	0.040		94.6	75-125			
1,1-Dichloroethane	<b>0.0394</b>	0.0050	mg/kg	0.040		98.4	70-125			
1,2-Dichloroethane (EDC)	<b>0.0421</b>	0.0050	mg/kg	0.040		105	75-125			
trans-1,2-Dichloroethylene	<b>0.0413</b>	0.0050	mg/kg	0.040		103	75-125			
cis-1,2-Dichloroethylene	<b>0.0388</b>	0.0050	mg/kg	0.040		97.0	75-125			
1,1-Dichloroethylene	<b>0.0395</b>	0.0050	mg/kg	0.040		98.6	70-130			
1,2-Dichloropropane	<b>0.0425</b>	0.0050	mg/kg	0.040		106	75-130			
cis-1,3-Dichloropropylene	<b>0.0394</b>	0.0050	mg/kg	0.040		98.6	75-125			
Ethylbenzene	<b>0.0381</b>	0.0020	mg/kg	0.040		95.2	75-125			
Methyl-tert-Butyl Ether (MTBE)	<b>0.0418</b>	0.0050	mg/kg	0.040		104	75-125			
Methylene Chloride	<b>0.0436</b>	0.050	mg/kg	0.040		109	75-130			
1,1,2,2-Tetrachloroethane	<b>0.0374</b>	0.0050	mg/kg	0.040		93.6	70-135			
Tetrachloroethylene (PCE)	<b>0.0389</b>	0.0050	mg/kg	0.040		97.4	75-125			
Toluene	<b>0.0353</b>	0.0020	mg/kg	0.040		88.3	75-125			
1,1,2-Trichloroethane	<b>0.0379</b>	0.0050	mg/kg	0.040		94.6	75-125			
1,1,1-Trichloroethane	<b>0.0399</b>	0.0050	mg/kg	0.040		99.8	75-125			
Trichloroethylene (TCE)	<b>0.0439</b>	0.0050	mg/kg	0.040		110	75-125			
Vinyl chloride	<b>0.0322</b>	0.0050	mg/kg	0.040		80.5	75-125			

**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0217 - EPA 5035

**LCS (B5G0217-BS1) Continued**

Prepared &amp; Analyzed: 07/02/15

o-Xylene	<b>0.0389</b>	0.0020	mg/kg	0.040		97.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.0851		mg/kg	0.10		85.1	70-140			
Surrogate: Dibromofluoromethane	0.111		mg/kg	0.10		111	70-140			
Surrogate: Toluene-d8	0.0945		mg/kg	0.10		94.5	70-140			

**LCS Dup (B5G0217-BSD1)**

Prepared: 07/02/15 Analyzed: 07/03/15

Benzene	<b>0.0431</b>	0.010	mg/kg	0.040		108	75-125	8.72	30	
Bromodichloromethane	<b>0.0473</b>	0.0050	mg/kg	0.040		118	75-125	7.64	30	
Bromoform	<b>0.0419</b>	0.0050	mg/kg	0.040		105	75-125	2.91	30	
Carbon Tetrachloride	<b>0.0438</b>	0.0050	mg/kg	0.040		110	75-125	8.82	30	
Chlorobenzene	<b>0.0379</b>	0.0050	mg/kg	0.040		94.8	75-125	1.06	30	
Chloroethane	<b>0.0346</b>	0.0050	mg/kg	0.040		86.4	75-125	10.3	30	
Chloroform	<b>0.0443</b>	0.0050	mg/kg	0.040		111	75-125	8.86	30	
Chloromethane	<b>0.0324</b>	0.0050	mg/kg	0.040		81.1	65-125	6.89	30	
Dibromochloromethane	<b>0.0391</b>	0.0050	mg/kg	0.040		97.7	75-125	1.39	30	
1,4-Dichlorobenzene	<b>0.0374</b>	0.0050	mg/kg	0.040		93.6	75-125	1.01	30	
1,1-Dichloroethane	<b>0.0430</b>	0.0050	mg/kg	0.040		107	70-125	8.79	30	
1,2-Dichloroethane (EDC)	<b>0.0447</b>	0.0050	mg/kg	0.040		112	75-125	5.94	30	
trans-1,2-Dichloroethylene	<b>0.0469</b>	0.0050	mg/kg	0.040		117	75-125	12.6	30	
cis-1,2-Dichloroethylene	<b>0.0422</b>	0.0050	mg/kg	0.040		105	75-125	8.40	30	
1,1-Dichloroethylene	<b>0.0430</b>	0.0050	mg/kg	0.040		108	70-130	8.59	30	
1,2-Dichloropropane	<b>0.0446</b>	0.0050	mg/kg	0.040		111	75-130	4.82	30	
cis-1,3-Dichloropropylene	<b>0.0399</b>	0.0050	mg/kg	0.040		99.7	75-125	1.11	30	
Ethylbenzene	<b>0.0382</b>	0.0020	mg/kg	0.040		95.4	75-125	0.262	30	
Methyl-tert-Butyl Ether (MTBE)	<b>0.0440</b>	0.0050	mg/kg	0.040		110	75-125	5.13	30	
Methylene Chloride	<b>0.0482</b>	0.050	mg/kg	0.040		120	75-130	9.85	30	
1,1,2,2-Tetrachloroethane	<b>0.0352</b>	0.0050	mg/kg	0.040		88.0	70-135	6.17	30	
Tetrachloroethylene (PCE)	<b>0.0394</b>	0.0050	mg/kg	0.040		98.6	75-125	1.28	30	
Toluene	<b>0.0357</b>	0.0020	mg/kg	0.040		89.4	75-125	1.24	30	
1,1,2-Trichloroethane	<b>0.0371</b>	0.0050	mg/kg	0.040		92.8	75-125	1.97	30	
1,1,1-Trichloroethane	<b>0.0438</b>	0.0050	mg/kg	0.040		110	75-125	9.36	30	
Trichloroethylene (TCE)	<b>0.0491</b>	0.0050	mg/kg	0.040		123	75-125	11.1	30	

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0217 - EPA 5035

**LCS Dup (B5G0217-BSD1) Continued**

Prepared: 07/02/15 Analyzed: 07/03/15

Vinyl chloride	0.0355	0.0050	mg/kg	0.040		88.7 75-125	9.69	30	
o-Xylene	0.0392	0.0020	mg/kg	0.040		98.1 75-125	0.973	30	
Surrogate: 4-Bromofluorobenzene	0.0856		mg/kg	0.10		85.6 70-140			
Surrogate: Dibromofluoromethane	0.120		mg/kg	0.10		120 70-140			
Surrogate: Toluene-d8	0.0947		mg/kg	0.10		94.7 70-140			

Batch B5G0607 - EPA 5035

**Blank (B5G0607-BLK1)**

Prepared & Analyzed: 07/06/15

Acetone	<0.050	0.050	mg/kg						
tert-Amyl Methyl Ether (TAME)	<0.0050	0.0050	mg/kg						
Benzene	<0.010	0.010	mg/kg						
Bromobenzene	<0.0050	0.0050	mg/kg						
Bromochloromethane	<0.0050	0.0050	mg/kg						
Bromodichloromethane	<0.0050	0.0050	mg/kg						
Bromoform	<0.0050	0.0050	mg/kg						
Bromomethane	<0.0050	0.0050	mg/kg						
2-Butanone (MEK)	<0.050	0.050	mg/kg						
tert-Butyl alcohol (TBA)	<0.020	0.020	mg/kg						
sec-Butylbenzene	<0.0050	0.0050	mg/kg						
tert-Butylbenzene	<0.0050	0.0050	mg/kg						
n-Butylbenzene	<0.0050	0.0050	mg/kg						
Carbon Disulfide	<0.0050	0.0050	mg/kg						
Carbon Tetrachloride	<0.0050	0.0050	mg/kg						
Chlorobenzene	<0.0050	0.0050	mg/kg						
Chloroethane	<0.0050	0.0050	mg/kg						
Chloroform	<0.0050	0.0050	mg/kg						
Chloromethane	<0.0050	0.0050	mg/kg						
2-Chlorotoluene	<0.0050	0.0050	mg/kg						
4-Chlorotoluene	<0.0050	0.0050	mg/kg						
1,2-Dibromo-3-chloropropane	<0.010	0.010	mg/kg						
Dibromochloromethane	<0.0050	0.0050	mg/kg						
1,2-Dibromoethane (EDB)	<0.0050	0.0050	mg/kg						

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0607 - EPA 5035

**Blank (B5G0607-BLK1) Continued**

Prepared &amp; Analyzed: 07/06/15

Dibromomethane	<0.0050	0.0050	mg/kg							
1,4-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,3-Dichlorobenzene	<0.0050	0.0050	mg/kg							
1,2-Dichlorobenzene	<0.0050	0.0050	mg/kg							
Dichlorodifluoromethane (R12)	<0.0050	0.0050	mg/kg							
1,1-Dichloroethane	<0.0050	0.0050	mg/kg							
1,2-Dichloroethane (EDC)	<0.0050	0.0050	mg/kg							
trans-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
cis-1,2-Dichloroethylene	<0.0050	0.0050	mg/kg							
1,1-Dichloroethylene	<0.0050	0.0050	mg/kg							
2,2-Dichloropropane	<0.0050	0.0050	mg/kg							
1,3-Dichloropropane	<0.0050	0.0050	mg/kg							
1,2-Dichloropropane	<0.0050	0.0050	mg/kg							
trans-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
1,1-Dichloropropylene	<0.0050	0.0050	mg/kg							
cis-1,3-Dichloropropylene	<0.0050	0.0050	mg/kg							
Diisopropyl ether (DIPE)	<0.0050	0.0050	mg/kg							
Ethylbenzene	<0.0020	0.0020	mg/kg							
Ethyl-tert-Butyl Ether (ETBE)	<0.0050	0.0050	mg/kg							
Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg							
Hexachlorobutadiene	<0.010	0.010	mg/kg							
2-Hexanone (MBK)	<0.050	0.050	mg/kg							
Isopropylbenzene	<0.0050	0.0050	mg/kg							
4-Isopropyltoluene	<0.0050	0.0050	mg/kg							
Methyl-tert-Butyl Ether (MTBE)	<0.0050	0.0050	mg/kg							
Methylene Chloride	<0.050	0.050	mg/kg							
4-Methyl-2-pentanone (MIBK)	<0.050	0.050	mg/kg							
Naphthalene	<0.010	0.010	mg/kg							
n-Propylbenzene	<0.0050	0.0050	mg/kg							
Styrene	<0.0050	0.0050	mg/kg							
1,1,1,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							

**Viorel Vasile**  
 Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0607 - EPA 5035

**Blank (B5G0607-BLK1) Continued**

Prepared & Analyzed: 07/06/15

1,1,2,2-Tetrachloroethane	<0.0050	0.0050	mg/kg							
Tetrachloroethylene (PCE)	<0.0050	0.0050	mg/kg							
Toluene	<0.0020	0.0020	mg/kg							
1,2,4-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,2,3-Trichlorobenzene	<0.0050	0.0050	mg/kg							
1,1,2-Trichloroethane	<0.0050	0.0050	mg/kg							
1,1,1-Trichloroethane	<0.0050	0.0050	mg/kg							
Trichloroethylene (TCE)	<0.0050	0.0050	mg/kg							
Trichlorofluoromethane (R11)	<0.0050	0.0050	mg/kg							
1,2,3-Trichloropropane	<0.0050	0.0050	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.0050	0.0050	mg/kg							
1,3,5-Trimethylbenzene	<0.0050	0.0050	mg/kg							
1,2,4-Trimethylbenzene	<0.0050	0.0050	mg/kg							
Vinyl chloride	<0.0050	0.0050	mg/kg							
o-Xylene	<0.0020	0.0020	mg/kg							
m,p-Xylenes	<0.0020	0.0020	mg/kg							

Surrogate: 4-Bromofluorobenzene	0.102		mg/kg	0.10		102	70-140			
Surrogate: Dibromofluoromethane	0.108		mg/kg	0.10		108	70-140			
Surrogate: Toluene-d8	0.0890		mg/kg	0.10		89.0	70-140			

**LCS (B5G0607-BS1)**

Prepared & Analyzed: 07/06/15

Benzene	<b>0.0414</b>	0.010	mg/kg	0.040		103	75-125			
Bromodichloromethane	<b>0.0444</b>	0.0050	mg/kg	0.040		111	75-125			
Bromoform	<b>0.0434</b>	0.0050	mg/kg	0.040		109	75-125			
Carbon Tetrachloride	<b>0.0400</b>	0.0050	mg/kg	0.040		100	75-125			
Chlorobenzene	<b>0.0388</b>	0.0050	mg/kg	0.040		97.1	75-125			
Chloroethane	<b>0.0312</b>	0.0050	mg/kg	0.040		77.9	75-125			
Chloroform	<b>0.0403</b>	0.0050	mg/kg	0.040		101	75-125			
Chloromethane	<b>0.0283</b>	0.0050	mg/kg	0.040		70.6	65-125			
Dibromochloromethane	<b>0.0396</b>	0.0050	mg/kg	0.040		99.0	75-125			
1,4-Dichlorobenzene	<b>0.0384</b>	0.0050	mg/kg	0.040		96.1	75-125			

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control**

Batch B5G0607 - EPA 5035

**LCS (B5G0607-BS1) Continued**

Prepared & Analyzed: 07/06/15

1,1-Dichloroethane	0.0398	0.0050	mg/kg	0.040		99.6	70-125			
1,2-Dichloroethane (EDC)	0.0423	0.0050	mg/kg	0.040		106	75-125			
trans-1,2-Dichloroethylene	0.0437	0.0050	mg/kg	0.040		109	75-125			
cis-1,2-Dichloroethylene	0.0396	0.0050	mg/kg	0.040		99.0	75-125			
1,1-Dichloroethylene	0.0401	0.0050	mg/kg	0.040		100	70-130			
1,2-Dichloropropane	0.0425	0.0050	mg/kg	0.040		106	75-130			
cis-1,3-Dichloropropylene	0.0422	0.0050	mg/kg	0.040		106	75-125			
Ethylbenzene	0.0337	0.0020	mg/kg	0.040		84.4	75-125			
Methyl-tert-Butyl Ether (MTBE)	0.0422	0.0050	mg/kg	0.040		106	75-125			
Methylene Chloride	0.0397	0.050	mg/kg	0.040		99.2	75-130			
1,1,2,2-Tetrachloroethane	0.0382	0.0050	mg/kg	0.040		95.5	70-135			
Tetrachloroethylene (PCE)	0.0404	0.0050	mg/kg	0.040		101	75-125			
Toluene	0.0362	0.0020	mg/kg	0.040		90.5	75-125			
1,1,2-Trichloroethane	0.0380	0.0050	mg/kg	0.040		95.0	75-125			
1,1,1-Trichloroethane	0.0398	0.0050	mg/kg	0.040		99.4	75-125			
Trichloroethylene (TCE)	0.0443	0.0050	mg/kg	0.040		111	75-125			
Vinyl chloride	0.0319	0.0050	mg/kg	0.040		79.7	75-125			
o-Xylene	0.0390	0.0020	mg/kg	0.040		97.6	75-125			

Surrogate: 4-Bromofluorobenzene	0.0957		mg/kg	0.10		95.7	70-140			
Surrogate: Dibromofluoromethane	0.110		mg/kg	0.10		110	70-140			
Surrogate: Toluene-d8	0.0979		mg/kg	0.10		97.9	70-140			

**LCS Dup (B5G0607-BSD1)**

Prepared & Analyzed: 07/06/15

Benzene	0.0409	0.010	mg/kg	0.040		102	75-125	1.17	30	
Bromodichloromethane	0.0437	0.0050	mg/kg	0.040		109	75-125	1.41	30	
Bromoform	0.0427	0.0050	mg/kg	0.040		107	75-125	1.62	30	
Carbon Tetrachloride	0.0407	0.0050	mg/kg	0.040		102	75-125	1.74	30	
Chlorobenzene	0.0384	0.0050	mg/kg	0.040		95.9	75-125	1.24	30	
Chloroethane	0.0312	0.0050	mg/kg	0.040		77.9	75-125	0.00	30	
Chloroform	0.0410	0.0050	mg/kg	0.040		103	75-125	1.92	30	
Chloromethane	0.0266	0.0050	mg/kg	0.040		66.5	65-125	6.05	30	
Dibromochloromethane	0.0391	0.0050	mg/kg	0.040		97.8	75-125	1.32	30	

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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#### VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control

Batch B5G0607 - EPA 5035

##### LCS Dup (B5G0607-BSD1) Continued

Prepared & Analyzed: 07/06/15

1,4-Dichlorobenzene	0.0374	0.0050	mg/kg	0.040		93.4	75-125	2.85	30	
1,1-Dichloroethane	0.0395	0.0050	mg/kg	0.040		98.8	70-125	0.756	30	
1,2-Dichloroethane (EDC)	0.0417	0.0050	mg/kg	0.040		104	75-125	1.24	30	
trans-1,2-Dichloroethylene	0.0436	0.0050	mg/kg	0.040		109	75-125	0.229	30	
cis-1,2-Dichloroethylene	0.0394	0.0050	mg/kg	0.040		98.6	75-125	0.354	30	
1,1-Dichloroethylene	0.0402	0.0050	mg/kg	0.040		100	70-130	0.249	30	
1,2-Dichloropropane	0.0419	0.0050	mg/kg	0.040		105	75-130	1.37	30	
cis-1,3-Dichloropropylene	0.0399	0.0050	mg/kg	0.040		99.7	75-125	5.70	30	
Ethylbenzene	0.0382	0.0020	mg/kg	0.040		95.4	75-125	12.3	30	
Methyl-tert-Butyl Ether (MTBE)	0.0419	0.0050	mg/kg	0.040		105	75-125	0.713	30	
Methylene Chloride	0.0403	0.050	mg/kg	0.040		101	75-130	1.55	30	
1,1,2,2-Tetrachloroethane	0.0376	0.0050	mg/kg	0.040		94.1	70-135	1.48	30	
Tetrachloroethylene (PCE)	0.0398	0.0050	mg/kg	0.040		99.6	75-125	1.35	30	
Toluene	0.0358	0.0020	mg/kg	0.040		89.4	75-125	1.22	30	
1,1,2-Trichloroethane	0.0384	0.0050	mg/kg	0.040		96.0	75-125	0.995	30	
1,1,1-Trichloroethane	0.0404	0.0050	mg/kg	0.040		101	75-125	1.65	30	
Trichloroethylene (TCE)	0.0439	0.0050	mg/kg	0.040		110	75-125	1.04	30	
Vinyl chloride	0.0306	0.0050	mg/kg	0.040		76.4	75-125	4.17	30	
o-Xylene	0.0392	0.0020	mg/kg	0.040		98.0	75-125	0.409	30	

Surrogate: 4-Bromofluorobenzene 0.0831 mg/kg 0.10 83.1 70-140  
Surrogate: Dibromofluoromethane 0.113 mg/kg 0.10 113 70-140  
Surrogate: Toluene-d8 0.0957 mg/kg 0.10 95.7 70-140

#### Carbon Chain by GC/FID - Quality Control

Batch B5G0215 - EPA 3550B

##### Blank (B5G0215-BLK1)

Prepared & Analyzed: 07/02/15

C13-C22	<10	10	mg/kg							
C23-C32	<10	10	mg/kg							
C33-C44	<10	10	mg/kg							

Surrogate: o-Terphenyl 10.8 mg/kg 10 108 50-150

##### LCS (B5G0215-BS1)

Prepared & Analyzed: 07/02/15

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**Carbon Chain by GC/FID - Quality Control**

*Batch B5G0215 - EPA 3550B*

**LCS (B5G0215-BS1) Continued**

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	203	10	mg/kg	200		102	70-130			
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Surrogate: o-Terphenyl	12.0		mg/kg	10		120	50-150			
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**LCS Dup (B5G0215-BSD1)**

Prepared & Analyzed: 07/02/15

Diesel Range Organics as Diesel	211	10	mg/kg	200		105	70-130	3.45	40	
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Surrogate: o-Terphenyl	12.1		mg/kg	10		121	50-150			
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**Matrix Spike (B5G0215-MS1)**

**Source: 5G02007-04** Prepared: 07/02/15 Analyzed: 07/03/15

Diesel Range Organics as Diesel	223	10	mg/kg	210		108	60-140			
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Surrogate: o-Terphenyl	12.6		mg/kg	10		123	50-150			
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**Matrix Spike Dup (B5G0215-MSD1)**

**Source: 5G02007-04** Prepared: 07/02/15 Analyzed: 07/03/15

Diesel Range Organics as Diesel	201	10	mg/kg	200		99.6	60-140	10.4	40	
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Surrogate: o-Terphenyl	12.1		mg/kg	10		120	50-150			
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**Viorel Vasile**  
Operations Manager





## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331397  
**Date Received:** 07/02/15  
**Date Reported:** 07/08/15

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### Special Notes

[1] = **S-GC** : Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

Gasoline Range Organics (GRO) concentration represents the C4-C12 carbon range.

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**Viorel Vasile**  
Operations Manager



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

7665 ETON AVE., CHATSWORTH, CA 91311 Resampled Clean Soilpile  
Tel: 818-998-5547 FAX: 818-998-7258 C - CS-14 - EX26-SPOZ

A.A. COC No.: 122882  
70043360  
Page 1 of 1

Client: The Source Group Inc Project Name / No.: 04-NDLA-007 Sampler's Name: GLK  
 Project Manager: Ken Wall Nutter Site Address: 5306 Norwalk Blvd Sampler's Signature: Ken Wall Nutter  
 Phone: 562 547 1050 City: Norwalk P.O. No.: 04-NDLA-007  
 Fax: 562 547 1070 State & Zip: CA 90650 Quote No.:

- TAT Turnaround Codes \*\*
- ① = Same Day Rush
  - ④ = 72 Hour Rush
  - ② = 24 Hour Rush
  - ⑤ = 5 Day Rush
  - ③ = 48 Hour Rush
  - X = 10 Working Days (Standard TAT)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont.	ANALYSIS REQUESTED (Test Name)			Special Instructions
						PCB	PCB-17	PCB-17	
CS-14-202A-3D	SG02008-01	7/11/15		Soil	4	TPH Carbon			Clean Soil Pile CONF-SAMPLE
CS-14-179A-3D	-02					VOCs, Oxy & CO			
CS-14-190A-3D	-03					5035-GISURM			
CS-14-182A-3D	-04								
CS-14-186A-3D	-05								
CS-14-174A-3D	-06								
CS-14-183A-3D	-07								
CS-14-180A-3D	-08								Hold TPH
CS-14-202A-14	-09								
CS-14-202A-2	-10								
CS-14-207A-14	-11								
CS-14-207A-2	-12								
CS-14-200A-14	-13								
CS-14-200A-2	-14								

For Laboratory Use

**PRIORITY**

Rush 24 Hrs SH 10  
 Date 7/2/15 Time 0930 Sign [Signature]

A.A. Project No.: AS331397/SG02908

Note: By relinquishing samples to American Analytix, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytix.



9765 Eton Avenue  
Chatsworth  
California 91311  
Tel: (818) 998-5547  
Fax: (818) 998-7258

---

August 12, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007**

**A5331438 / 5H05006**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 08/05/15 10:35 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile

Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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**8082 PCBs**

CS-08-SP01-1	5H05006-01	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-09-SP01-2	5H05006-02	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-16-SP01-3	5H05006-03	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-18-SP01-4	5H05006-04	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-06-SP01-5	5H05006-05	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-04-SP01-6	5H05006-06	Soil	5	08/05/15 00:00	08/05/15 10:35

**8270C**

CS-08-SP01-1	5H05006-01	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-09-SP01-2	5H05006-02	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-16-SP01-3	5H05006-03	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-18-SP01-4	5H05006-04	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-06-SP01-5	5H05006-05	Soil	5	08/05/15 00:00	08/05/15 10:35
CS-04-SP01-6	5H05006-06	Soil	5	08/05/15 00:00	08/05/15 10:35

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Semivolatile Organics by GC/MS

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15  
**Units:** mg/kg

<b>Date Sampled:</b>	08/05/15	08/05/15	08/05/15	08/05/15	
<b>Date Prepared:</b>	08/06/15	08/06/15	08/06/15	08/06/15	
<b>Date Analyzed:</b>	08/07/15	08/07/15	08/07/15	08/07/15	
<b>AA ID No:</b>	5H05006-01	5H05006-02	5H05006-03	5H05006-04	
<b>Client ID No:</b>	CS-08-SP01-1	CS-09-SP01-2	CS-16-SP01-3	CS-18-SP01-4	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	10	10	5	10	MRL

**8270C (EPA 8270C)**

3,3'-Dichlorobenzidine	<4.0	<4.0	<2.0	<4.0	0.40
Acenaphthene	<1.0	<1.0	<0.50	<1.0	0.10
Acenaphthylene	<1.0	<1.0	<0.50	<1.0	0.10
Aniline	<2.0	<2.0	<1.0	<2.0	0.20
Anthracene	<1.0	<1.0	<0.50	<1.0	0.10
Azobenzene	<1.0	<1.0	<0.50	<1.0	0.10
Benzidine	<4.0	<4.0	<2.0	<4.0	0.40
Benzo(a)anthracene	<1.0	<1.0	<0.50	<1.0	0.10
Benzo(a)pyrene	<1.0	<1.0	<0.50	<1.0	0.10
Benzo(b)fluoranthene	<1.0	<1.0	<0.50	<1.0	0.10
Benzo(g,h,i)perylene	<1.0	<1.0	<0.50	<1.0	0.10
Benzoic acid	<10	<10	<5.0	<10	1.0
Benzo(k)fluoranthene	<1.0	<1.0	<0.50	<1.0	0.10
Benzyl alcohol	<1.0	<1.0	<0.50	<1.0	0.10
4-Bromophenyl phenyl ether	<1.0	<1.0	<0.50	<1.0	0.10
Butyl benzyl phthalate	<5.0	<5.0	<2.5	<5.0	0.50
4-Chloro-3-methylphenol	<2.0	<2.0	<1.0	<2.0	0.20
4-Chloroaniline	<4.0	<4.0	<2.0	<4.0	0.40
Bis(2-chloroethoxy)methane	<1.0	<1.0	<0.50	<1.0	0.10
Bis(2-chloroethyl)ether	<1.0	<1.0	<0.50	<1.0	0.10
Bis(2-chloroisopropyl)ether	<1.0	<1.0	<0.50	<1.0	0.10
2-Chloronaphthalene	<1.0	<1.0	<0.50	<1.0	0.10
2-Chlorophenol	<1.0	<1.0	<0.50	<1.0	0.10
4-Chlorophenyl phenyl ether	<1.0	<1.0	<0.50	<1.0	0.10
Chrysene	<1.0	<1.0	<0.50	<1.0	0.10
Dibenzo(a,h)anthracene	<1.0	<1.0	<0.50	<1.0	0.10
Dibenzofuran	<1.0	<1.0	<0.50	<1.0	0.10

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Semivolatile Organics by GC/MS

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15  
**Units:** mg/kg

<b>Date Sampled:</b>	08/05/15	08/05/15	08/05/15	08/05/15	
<b>Date Prepared:</b>	08/06/15	08/06/15	08/06/15	08/06/15	
<b>Date Analyzed:</b>	08/07/15	08/07/15	08/07/15	08/07/15	
<b>AA ID No:</b>	5H05006-01	5H05006-02	5H05006-03	5H05006-04	
<b>Client ID No:</b>	CS-08-SP01-1	CS-09-SP01-2	CS-16-SP01-3	CS-18-SP01-4	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	10	10	5	10	MRL

**8270C (EPA 8270C) (continued)**

Di-n-butyl phthalate	<20	<20	<10	<20	2.0
1,2-Dichlorobenzene	<1.0	<1.0	<0.50	<1.0	0.10
1,3-Dichlorobenzene	<1.0	<1.0	<0.50	<1.0	0.10
1,4-Dichlorobenzene	<1.0	<1.0	<0.50	<1.0	0.10
2,4-Dichlorophenol	<1.0	<1.0	<0.50	<1.0	0.10
Diethyl phthalate	<8.0	<8.0	<4.0	<8.0	0.80
2,4-Dimethylphenol	<1.0	<1.0	<0.50	<1.0	0.10
Dimethyl phthalate	<2.0	<2.0	<1.0	<2.0	0.20
4,6-Dinitro-2-methylphenol	<2.0	<2.0	<1.0	<2.0	0.20
2,4-Dinitrophenol	<4.0	<4.0	<2.0	<4.0	0.40
2,6-Dinitrotoluene	<1.0	<1.0	<0.50	<1.0	0.10
2,4-Dinitrotoluene	<1.0	<1.0	<0.50	<1.0	0.10
Di-n-octyl phthalate	<1.0	<1.0	<0.50	<1.0	0.10
1,2-Diphenylhydrazine	<1.0	<1.0	<0.50	<1.0	0.10
Bis(2-ethylhexyl)phthalate	<2.0	<2.0	<1.0	<2.0	0.20
Fluoranthene	<1.0	<1.0	<0.50	<1.0	0.10
Fluorene	<1.0	<1.0	<0.50	<1.0	0.10
Hexachlorobenzene	<1.0	<1.0	<0.50	<1.0	0.10
Hexachlorobutadiene	<1.0	<1.0	<0.50	<1.0	0.10
Hexachlorocyclopentadiene	<1.0	<1.0	<0.50	<1.0	0.10
Hexachloroethane	<1.0	<1.0	<0.50	<1.0	0.10
Indeno (1,2,3-cd) pyrene	<4.0	<4.0	<2.0	<4.0	0.40
Isophorone	<1.0	<1.0	<0.50	<1.0	0.10
2-Methylnaphthalene	<1.0	<1.0	<0.50	<1.0	0.10
2-Methylphenol	<2.0	<2.0	<1.0	<2.0	0.20
3-Methylphenol	<2.0	<2.0	<1.0	<2.0	0.20
4-Methylphenol	<2.0	<2.0	<1.0	<2.0	0.20

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Semivolatile Organics by GC/MS

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15  
**Units:** mg/kg

<b>Date Sampled:</b>	08/05/15	08/05/15	08/05/15	08/05/15	
<b>Date Prepared:</b>	08/06/15	08/06/15	08/06/15	08/06/15	
<b>Date Analyzed:</b>	08/07/15	08/07/15	08/07/15	08/07/15	
<b>AA ID No:</b>	5H05006-01	5H05006-02	5H05006-03	5H05006-04	
<b>Client ID No:</b>	CS-08-SP01-1	CS-09-SP01-2	CS-16-SP01-3	CS-18-SP01-4	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	10	10	5	10	MRL

**8270C (EPA 8270C) (continued)**

Naphthalene	<1.0	<1.0	<0.50	<1.0	0.10
4-Nitroaniline	<5.0	<5.0	<2.5	<5.0	0.50
3-Nitroaniline	<4.0	<4.0	<2.0	<4.0	0.40
2-Nitroaniline	<1.0	<1.0	<0.50	<1.0	0.10
Nitrobenzene	<1.0	<1.0	<0.50	<1.0	0.10
2-Nitrophenol	<2.0	<2.0	<1.0	<2.0	0.20
4-Nitrophenol	<2.0	<2.0	<1.0	<2.0	0.20
N-Nitrosodimethylamine	<1.0	<1.0	<0.50	<1.0	0.10
N-Nitrosodiphenylamine	<1.0	<1.0	<0.50	<1.0	0.10
N-Nitrosodi-n-propylamine	<1.0	<1.0	<0.50	<1.0	0.10
Pentachlorophenol	<1.0	<1.0	<0.50	<1.0	0.10
Phenanthrene	<1.0	<1.0	<0.50	<1.0	0.10
Phenol	<1.0	<1.0	<0.50	<1.0	0.10
Pyrene	<1.0	<1.0	<0.50	<1.0	0.10
1,2,4-Trichlorobenzene	<1.0	<1.0	<0.50	<1.0	0.10
2,4,5-Trichlorophenol	<2.0	<2.0	<1.0	<2.0	0.20
2,4,6-Trichlorophenol	<2.0	<2.0	<1.0	<2.0	0.20

**Surrogates**

					<b>%REC Limits</b>
2-Fluorobiphenyl	75%	88%	89%	78%	43-145
2-Fluorophenol	85%	84%	97%	59%	21-143
Nitrobenzene-d5	59%	73%	60%	64%	35-142
Phenol-d6	45%	73%	79%	47%	10-135
Terphenyl-d14	104%	103%	122%	118%	33-148
2,4,6-Tribromophenol	20%	26%	22%	25%	10-150

**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Semivolatile Organics by GC/MS

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	08/05/15	08/05/15	
<b>Date Prepared:</b>	08/06/15	08/06/15	
<b>Date Analyzed:</b>	08/07/15	08/07/15	
<b>AA ID No:</b>	5H05006-05	5H05006-06	
<b>Client ID No:</b>	CS-06-SP01-5	CS-04-SP01-6	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	10	10	MRL

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**8270C (EPA 8270C)**

3,3'-Dichlorobenzidine	<4.0	<4.0	0.40
Acenaphthene	<1.0	<1.0	0.10
Acenaphthylene	<1.0	<1.0	0.10
Aniline	<2.0	<2.0	0.20
Anthracene	<1.0	<1.0	0.10
Azobenzene	<1.0	<1.0	0.10
Benzidine	<4.0	<4.0	0.40
Benzo(a)anthracene	<1.0	<1.0	0.10
Benzo(a)pyrene	<1.0	<1.0	0.10
Benzo(b)fluoranthene	<1.0	<1.0	0.10
Benzo(g,h,i)perylene	<1.0	<1.0	0.10
Benzoic acid	<10	<10	1.0
Benzo(k)fluoranthene	<1.0	<1.0	0.10
Benzyl alcohol	<1.0	<1.0	0.10
4-Bromophenyl phenyl ether	<1.0	<1.0	0.10
Butyl benzyl phthalate	<5.0	<5.0	0.50
4-Chloro-3-methylphenol	<2.0	<2.0	0.20
4-Chloroaniline	<4.0	<4.0	0.40
Bis(2-chloroethoxy)methane	<1.0	<1.0	0.10
Bis(2-chloroethyl)ether	<1.0	<1.0	0.10
Bis(2-chloroisopropyl)ether	<1.0	<1.0	0.10
2-Chloronaphthalene	<1.0	<1.0	0.10
2-Chlorophenol	<1.0	<1.0	0.10
4-Chlorophenyl phenyl ether	<1.0	<1.0	0.10
Chrysene	<1.0	<1.0	0.10
Dibenzo(a,h)anthracene	<1.0	<1.0	0.10
Dibenzofuran	<1.0	<1.0	0.10

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Semivolatile Organics by GC/MS

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15  
**Units:** mg/kg

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<b>Date Sampled:</b>	08/05/15	08/05/15	
<b>Date Prepared:</b>	08/06/15	08/06/15	
<b>Date Analyzed:</b>	08/07/15	08/07/15	
<b>AA ID No:</b>	5H05006-05	5H05006-06	
<b>Client ID No:</b>	CS-06-SP01-5	CS-04-SP01-6	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	10	10	MRL

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**8270C (EPA 8270C) (continued)**

Di-n-butyl phthalate	<20	<20	2.0
1,2-Dichlorobenzene	<1.0	<1.0	0.10
1,3-Dichlorobenzene	<1.0	<1.0	0.10
1,4-Dichlorobenzene	<1.0	<1.0	0.10
2,4-Dichlorophenol	<1.0	<1.0	0.10
Diethyl phthalate	<8.0	<8.0	0.80
2,4-Dimethylphenol	<1.0	<1.0	0.10
Dimethyl phthalate	<2.0	<2.0	0.20
4,6-Dinitro-2-methylphenol	<2.0	<2.0	0.20
2,4-Dinitrophenol	<4.0	<4.0	0.40
2,6-Dinitrotoluene	<1.0	<1.0	0.10
2,4-Dinitrotoluene	<1.0	<1.0	0.10
Di-n-octyl phthalate	<1.0	<1.0	0.10
1,2-Diphenylhydrazine	<1.0	<1.0	0.10
Bis(2-ethylhexyl)phthalate	<2.0	<2.0	0.20
Fluoranthene	<1.0	<1.0	0.10
Fluorene	<1.0	<1.0	0.10
Hexachlorobenzene	<1.0	<1.0	0.10
Hexachlorobutadiene	<1.0	<1.0	0.10
Hexachlorocyclopentadiene	<1.0	<1.0	0.10
Hexachloroethane	<1.0	<1.0	0.10
Indeno (1,2,3-cd) pyrene	<4.0	<4.0	0.40
Isophorone	<1.0	<1.0	0.10
2-Methylnaphthalene	<1.0	<1.0	0.10
2-Methylphenol	<2.0	<2.0	0.20
3-Methylphenol	<2.0	<2.0	0.20
4-Methylphenol	<2.0	<2.0	0.20

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Semivolatile Organics by GC/MS

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15  
**Units:** mg/kg

<b>Date Sampled:</b>	08/05/15	08/05/15	
<b>Date Prepared:</b>	08/06/15	08/06/15	
<b>Date Analyzed:</b>	08/07/15	08/07/15	
<b>AA ID No:</b>	5H05006-05	5H05006-06	
<b>Client ID No:</b>	CS-06-SP01-5	CS-04-SP01-6	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	10	10	MRL

**8270C (EPA 8270C) (continued)**

Naphthalene	<1.0	<1.0	0.10
4-Nitroaniline	<5.0	<5.0	0.50
3-Nitroaniline	<4.0	<4.0	0.40
2-Nitroaniline	<1.0	<1.0	0.10
Nitrobenzene	<1.0	<1.0	0.10
2-Nitrophenol	<2.0	<2.0	0.20
4-Nitrophenol	<2.0	<2.0	0.20
N-Nitrosodimethylamine	<1.0	<1.0	0.10
N-Nitrosodiphenylamine	<1.0	<1.0	0.10
N-Nitrosodi-n-propylamine	<1.0	<1.0	0.10
Pentachlorophenol	<1.0	<1.0	0.10
Phenanthrene	<1.0	<1.0	0.10
Phenol	<1.0	<1.0	0.10
Pyrene	<1.0	<1.0	0.10
1,2,4-Trichlorobenzene	<1.0	<1.0	0.10
2,4,5-Trichlorophenol	<2.0	<2.0	0.20
2,4,6-Trichlorophenol	<2.0	<2.0	0.20

**Surrogates**

			<b>%REC Limits</b>
2-Fluorobiphenyl	102%	104%	43-145
2-Fluorophenol	96%	107%	21-143
Nitrobenzene-d5	75%	66%	35-142
Phenol-d6	52%	70%	10-135
Terphenyl-d14	136%	140%	33-148
2,4,6-Tribromophenol	15%	35%	10-150

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Polychlorinated Biphenyls by GC

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15  
**Units:** mg/kg

<b>Date Sampled:</b>	08/05/15	08/05/15	08/05/15	08/05/15	
<b>Date Prepared:</b>	08/05/15	08/05/15	08/05/15	08/05/15	
<b>Date Analyzed:</b>	08/08/15	08/08/15	08/08/15	08/08/15	
<b>AA ID No:</b>	5H05006-01	5H05006-02	5H05006-03	5H05006-04	
<b>Client ID No:</b>	CS-08-SP01-1	CS-09-SP01-2	CS-16-SP01-3	CS-18-SP01-4	
<b>Matrix:</b>	Soil	Soil	Soil	Soil	
<b>Dilution Factor:</b>	1	1	1	1	MRL

**8082 PCBs (EPA 8082)**

Aroclor-1016	<0.020	<0.020	<0.020	<0.020	0.020
Aroclor-1221	<0.020	<0.020	<0.020	<0.020	0.020
Aroclor-1232	<0.020	<0.020	<0.020	<0.020	0.020
Aroclor-1242	<0.020	<0.020	<0.020	<0.020	0.020
Aroclor-1248	<0.020	<0.020	<0.020	<0.020	0.020
Aroclor-1254	<0.020	<0.020	<0.020	<0.020	0.020
Aroclor-1260	<0.020	<0.020	<0.020	<0.020	0.020

**Surrogates**

					<b>%REC Limits</b>
Decachlorobiphenyl	89%	73%	77%	51%	50-150
Tetrachloro-meta-xylene	72%	63%	68%	45% [1]	50-150

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation  
**Method:** Polychlorinated Biphenyls by GC

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15  
**Units:** mg/kg

<b>Date Sampled:</b>	08/05/15	08/05/15	
<b>Date Prepared:</b>	08/05/15	08/05/15	
<b>Date Analyzed:</b>	08/08/15	08/08/15	
<b>AA ID No:</b>	5H05006-05	5H05006-06	
<b>Client ID No:</b>	CS-06-SP01-5	CS-04-SP01-6	
<b>Matrix:</b>	Soil	Soil	
<b>Dilution Factor:</b>	1	1	MRL

**8082 PCBs (EPA 8082)**

Aroclor-1016	<0.020	<0.020	0.020
Aroclor-1221	<0.020	<0.020	0.020
Aroclor-1232	<0.020	<0.020	0.020
Aroclor-1242	<0.020	<0.020	0.020
Aroclor-1248	<0.020	<0.020	0.020
Aroclor-1254	<0.020	<0.020	0.020
Aroclor-1260	<0.020	<0.020	0.020

**Surrogates**

Decachlorobiphenyl	80%	71%	<b><u>%REC Limits</u></b> 50-150
Tetrachloro-meta-xylene	66%	75%	50-150

**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Semivolatile Organics by GC/MS - Quality Control

Batch B5H0602 - EPA 3545 MS

#### Blank (B5H0602-BLK1)

Prepared: 08/06/15 Analyzed: 08/07/15

3,3'-Dichlorobenzidine	<0.40	0.40	mg/kg							
Acenaphthene	<0.10	0.10	mg/kg							
Acenaphthylene	<0.10	0.10	mg/kg							
Aniline	<0.20	0.20	mg/kg							
Anthracene	<0.10	0.10	mg/kg							
Azobenzene	<0.10	0.10	mg/kg							
Benzidine	<0.40	0.40	mg/kg							
Benzo(a)anthracene	<0.10	0.10	mg/kg							
Benzo(a)pyrene	<0.10	0.10	mg/kg							
Benzo(b)fluoranthene	<0.10	0.10	mg/kg							
Benzo(g,h,i)perylene	<0.10	0.10	mg/kg							
Benzoic acid	<1.0	1.0	mg/kg							
Benzo(k)fluoranthene	<0.10	0.10	mg/kg							
Benzyl alcohol	<0.10	0.10	mg/kg							
4-Bromophenyl phenyl ether	<0.10	0.10	mg/kg							
Butyl benzyl phthalate	<0.50	0.50	mg/kg							
4-Chloro-3-methylphenol	<0.20	0.20	mg/kg							
4-Chloroaniline	<0.40	0.40	mg/kg							
Bis(2-chloroethoxy)methane	<0.10	0.10	mg/kg							
Bis(2-chloroethyl)ether	<0.10	0.10	mg/kg							
Bis(2-chloroisopropyl)ether	<0.10	0.10	mg/kg							
2-Chloronaphthalene	<0.10	0.10	mg/kg							
2-Chlorophenol	<0.10	0.10	mg/kg							
4-Chlorophenyl phenyl ether	<0.10	0.10	mg/kg							
Chrysene	<0.10	0.10	mg/kg							
Dibenzo(a,h)anthracene	<0.10	0.10	mg/kg							
Dibenzofuran	<0.10	0.10	mg/kg							
Di-n-butyl phthalate	<2.0	2.0	mg/kg							
1,2-Dichlorobenzene	<0.10	0.10	mg/kg							
1,3-Dichlorobenzene	<0.10	0.10	mg/kg							
1,4-Dichlorobenzene	<0.10	0.10	mg/kg							

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Semivolatile Organics by GC/MS - Quality Control

Batch B5H0602 - EPA 3545 MS

#### Blank (B5H0602-BLK1) Continued

Prepared: 08/06/15 Analyzed: 08/07/15

2,4-Dichlorophenol	<0.10	0.10	mg/kg							
Diethyl phthalate	<0.80	0.80	mg/kg							
2,4-Dimethylphenol	<0.10	0.10	mg/kg							
Dimethyl phthalate	<0.20	0.20	mg/kg							
4,6-Dinitro-2-methylphenol	<0.20	0.20	mg/kg							
2,4-Dinitrophenol	<0.40	0.40	mg/kg							
2,6-Dinitrotoluene	<0.10	0.10	mg/kg							
2,4-Dinitrotoluene	<0.10	0.10	mg/kg							
Di-n-octyl phthalate	<0.10	0.10	mg/kg							
1,2-Diphenylhydrazine	<0.10	0.10	mg/kg							
Bis(2-ethylhexyl)phthalate	<0.20	0.20	mg/kg							
Fluoranthene	<0.10	0.10	mg/kg							
Fluorene	<0.10	0.10	mg/kg							
Hexachlorobenzene	<0.10	0.10	mg/kg							
Hexachlorobutadiene	<0.10	0.10	mg/kg							
Hexachlorocyclopentadiene	<0.10	0.10	mg/kg							
Hexachloroethane	<0.10	0.10	mg/kg							
Indeno (1,2,3-cd) pyrene	<0.40	0.40	mg/kg							
Isophorone	<0.10	0.10	mg/kg							
2-Methylnaphthalene	<0.10	0.10	mg/kg							
2-Methylphenol	<0.20	0.20	mg/kg							
3-Methylphenol	<0.20	0.20	mg/kg							
4-Methylphenol	<0.20	0.20	mg/kg							
Naphthalene	<0.10	0.10	mg/kg							
4-Nitroaniline	<0.50	0.50	mg/kg							
3-Nitroaniline	<0.40	0.40	mg/kg							
2-Nitroaniline	<0.10	0.10	mg/kg							
Nitrobenzene	<0.10	0.10	mg/kg							
2-Nitrophenol	<0.20	0.20	mg/kg							
4-Nitrophenol	<0.20	0.20	mg/kg							
N-Nitrosodimethylamine	<0.10	0.10	mg/kg							

**Viorel Vasile**  
 Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
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#### Semivolatile Organics by GC/MS - Quality Control

Batch B5H0602 - EPA 3545 MS

#### Blank (B5H0602-BLK1) Continued

Prepared: 08/06/15 Analyzed: 08/07/15

N-Nitrosodiphenylamine	<0.10	0.10	mg/kg
N-Nitrosodi-n-propylamine	<0.10	0.10	mg/kg
Pentachlorophenol	<0.10	0.10	mg/kg
Phenanthrene	<0.10	0.10	mg/kg
Phenol	<0.10	0.10	mg/kg
Pyrene	<0.10	0.10	mg/kg
1,2,4-Trichlorobenzene	<0.10	0.10	mg/kg
2,4,5-Trichlorophenol	<0.20	0.20	mg/kg
2,4,6-Trichlorophenol	<0.20	0.20	mg/kg

Surrogate: 2-Fluorobiphenyl	0.340		mg/kg	0.50	68.0	43-145
Surrogate: 2-Fluorophenol	0.827		mg/kg	1.0	82.7	21-143
Surrogate: Nitrobenzene-d5	0.330		mg/kg	0.50	66.0	35-142
Surrogate: Phenol-d6	0.802		mg/kg	1.0	80.2	10-135
Surrogate: Terphenyl-dl4	0.511		mg/kg	0.50	102	33-148
Surrogate: 2,4,6-Tribromophenol	0.240		mg/kg	1.0	24.0	10-150

#### LCS (B5H0602-BS1)

Prepared: 08/06/15 Analyzed: 08/07/15

Acenaphthene	<b>0.430</b>	0.10	mg/kg	0.60	71.7	50-121
Anthracene	<b>0.420</b>	0.10	mg/kg	0.60	70.0	41-121
Benzo(a)pyrene	<b>0.408</b>	0.10	mg/kg	0.60	68.0	17-163
Benzo(b)fluoranthene	<b>0.426</b>	0.10	mg/kg	0.60	71.1	25-137
Butyl benzyl phthalate	<b>0.617</b>	0.50	mg/kg	0.60	103	19-139
4-Chloro-3-methylphenol	<b>0.470</b>	0.20	mg/kg	0.60	78.3	22-147
Bis(2-chloroethyl)ether	<b>0.631</b>	0.10	mg/kg	0.60	105	26-122
2-Chloronaphthalene	<b>0.365</b>	0.10	mg/kg	0.60	60.8	60-118
4-Chlorophenyl phenyl ether	<b>0.454</b>	0.10	mg/kg	0.60	75.7	41-128
1,4-Dichlorobenzene	<b>0.394</b>	0.10	mg/kg	0.60	65.6	26-105
2,4-Dichlorophenol	<b>0.413</b>	0.10	mg/kg	0.60	68.9	39-135
Di-n-octyl phthalate	<b>0.494</b>	0.10	mg/kg	0.60	82.3	4-146
Bis(2-ethylhexyl)phthalate	<b>0.631</b>	0.20	mg/kg	0.60	105	30-210
Fluoranthene	<b>0.413</b>	0.10	mg/kg	0.60	68.8	35-125
Fluorene	<b>0.397</b>	0.10	mg/kg	0.60	66.2	50-120

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
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**Semivolatile Organics by GC/MS - Quality Control**

Batch B5H0602 - EPA 3545 MS

**LCS (B5H0602-BS1) Continued**

Prepared: 08/06/15 Analyzed: 08/07/15

Hexachlorobenzene	0.460	0.10	mg/kg	0.60		76.6	2-152			
Hexachlorobutadiene	0.358	0.10	mg/kg	0.60		59.7	24-116			
Hexachloroethane	0.425	0.10	mg/kg	0.60		70.8	40-113			
Isophorone	0.396	0.10	mg/kg	0.60		66.0	21-196			
Naphthalene	0.445	0.10	mg/kg	0.60		74.2	25-121			
Nitrobenzene	0.386	0.10	mg/kg	0.60		64.4	38-133			
2-Nitrophenol	0.388	0.20	mg/kg	0.60		64.7	2-163			
N-Nitrosodi-n-propylamine	0.583	0.10	mg/kg	0.60		97.2	2-230			
Pentachlorophenol	0.686	0.10	mg/kg	0.60		114	14-176			
Phenol	0.486	0.10	mg/kg	0.60		81.1	5-112			
Pyrene	0.526	0.10	mg/kg	0.60		87.7	52-115			
1,2,4-Trichlorobenzene	0.359	0.10	mg/kg	0.60		59.8	44-142			
2,4,6-Trichlorophenol	0.410	0.20	mg/kg	0.60		68.4	37-144			
Surrogate: 2-Fluorobiphenyl	0.386		mg/kg	0.60		64.3	43-145			
Surrogate: 2-Fluorophenol	0.934		mg/kg	1.0		93.4	21-143			
Surrogate: Nitrobenzene-d5	0.415		mg/kg	0.50		83.0	35-142			
Surrogate: Phenol-d6	0.917		mg/kg	1.0		91.7	10-135			
Surrogate: Terphenyl-d14	0.524		mg/kg	0.60		87.4	33-148			
Surrogate: 2,4,6-Tribromophenol	0.276		mg/kg	1.0		27.6	10-150			

**LCS Dup (B5H0602-BSD1)**

Prepared: 08/06/15 Analyzed: 08/07/15

Acenaphthene	0.389	0.10	mg/kg	0.60		64.9	50-121	9.96	40	
Anthracene	0.393	0.10	mg/kg	0.60		65.5	41-121	6.74	40	
Benzo(a)pyrene	0.353	0.10	mg/kg	0.60		58.8	17-163	14.4	40	
Benzo(b)fluoranthene	0.391	0.10	mg/kg	0.60		65.2	25-137	8.66	40	
Butyl benzyl phthalate	0.565	0.50	mg/kg	0.60		94.2	19-139	8.83	40	
4-Chloro-3-methylphenol	0.460	0.20	mg/kg	0.60		76.7	22-147	2.11	40	
Bis(2-chloroethyl)ether	0.499	0.10	mg/kg	0.60		83.2	26-122	23.4	40	
2-Chloronaphthalene	0.361	0.10	mg/kg	0.60		60.1	60-118	1.16	40	
4-Chlorophenyl phenyl ether	0.448	0.10	mg/kg	0.60		74.7	41-128	1.24	40	
1,4-Dichlorobenzene	0.381	0.10	mg/kg	0.60		63.5	26-105	3.25	40	
2,4-Dichlorophenol	0.454	0.10	mg/kg	0.60		75.6	39-135	9.32	40	

**Viorel Vasile**  
Operations Manager





**LABORATORY ANALYSIS RESULTS**

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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**Semivolatile Organics by GC/MS - Quality Control**

Batch B5H0602 - EPA 3545 MS

**LCS Dup (B5H0602-BSD1) Continued**

Prepared: 08/06/15 Analyzed: 08/07/15

Di-n-octyl phthalate	0.502	0.10	mg/kg	0.60		83.6	4-146	1.57	40	
Bis(2-ethylhexyl)phthalate	0.593	0.20	mg/kg	0.60		98.8	30-210	6.31	40	
Fluoranthene	0.423	0.10	mg/kg	0.60		70.5	35-125	2.39	40	
Fluorene	0.400	0.10	mg/kg	0.60		66.6	50-120	0.652	40	
Hexachlorobenzene	0.416	0.10	mg/kg	0.60		69.3	2-152	10.0	40	
Hexachlorobutadiene	0.359	0.10	mg/kg	0.60		59.8	24-116	0.0558	40	
Hexachloroethane	0.413	0.10	mg/kg	0.60		68.9	40-113	2.67	40	
Isophorone	0.370	0.10	mg/kg	0.60		61.6	21-196	6.85	40	
Naphthalene	0.424	0.10	mg/kg	0.60		70.7	25-121	4.83	40	
Nitrobenzene	0.376	0.10	mg/kg	0.60		62.7	38-133	2.62	40	
2-Nitrophenol	0.391	0.20	mg/kg	0.60		65.1	2-163	0.668	40	
N-Nitrosodi-n-propylamine	0.555	0.10	mg/kg	0.60		92.5	2-230	4.92	40	
Pentachlorophenol	0.679	0.10	mg/kg	0.60		113	14-176	1.06	40	
Phenol	0.466	0.10	mg/kg	0.60		77.7	5-112	4.24	40	
Pyrene	0.485	0.10	mg/kg	0.60		80.8	52-115	8.27	40	
1,2,4-Trichlorobenzene	0.352	0.10	mg/kg	0.60		58.7	44-142	1.86	40	
2,4,6-Trichlorophenol	0.424	0.20	mg/kg	0.60		70.6	37-144	3.17	40	

Surrogate: 2-Fluorobiphenyl	0.378		mg/kg	0.60		63.1	43-145			
Surrogate: 2-Fluorophenol	0.896		mg/kg	1.0		89.6	21-143			
Surrogate: Nitrobenzene-d5	0.395		mg/kg	0.50		79.0	35-142			
Surrogate: Phenol-d6	0.857		mg/kg	1.0		85.7	10-135			
Surrogate: Terphenyl-d14	0.495		mg/kg	0.60		82.6	33-148			
Surrogate: 2,4,6-Tribromophenol	0.265		mg/kg	1.0		26.5	10-150			

**Polychlorinated Biphenyls by GC - Quality Control**

Batch B5H0501 - EPA 3550B

**Blank (B5H0501-BLK1)**

Prepared: 08/05/15 Analyzed: 08/07/15

Aroclor-1016	<0.020	0.020	mg/kg							
Aroclor-1221	<0.020	0.020	mg/kg							
Aroclor-1232	<0.020	0.020	mg/kg							
Aroclor-1242	<0.020	0.020	mg/kg							
Aroclor-1248	<0.020	0.020	mg/kg							

**Viorel Vasile**  
Operations Manager



### LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
<b>Polychlorinated Biphenyls by GC - Quality Control</b>										
<i>Batch B5H0501 - EPA 3550B</i>										
<b>Blank (B5H0501-BLK1) Continued</b>					Prepared: 08/05/15 Analyzed: 08/07/15					
Aroclor-1254	<0.020	0.020	mg/kg							
Aroclor-1260	<0.020	0.020	mg/kg							
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00423</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>84.7</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00260</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>51.9</i>	<i>50-150</i>			
<b>LCS (B5H0501-BS1)</b>					Prepared: 08/05/15 Analyzed: 08/07/15					
Aroclor-1016	<b>0.0521</b>	0.020	mg/kg	0.050		104	60-140			
Aroclor-1260	<b>0.0532</b>	0.020	mg/kg	0.050		106	60-140			
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00438</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>87.6</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00304</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>60.7</i>	<i>50-150</i>			
<b>LCS Dup (B5H0501-BSD1)</b>					Prepared: 08/05/15 Analyzed: 08/07/15					
Aroclor-1016	<b>0.0535</b>	0.020	mg/kg	0.050		107	60-140	2.65	40	
Aroclor-1260	<b>0.0557</b>	0.020	mg/kg	0.050		111	60-140	4.59	40	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00444</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>88.7</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00315</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>63.0</i>	<i>50-150</i>			
<b>Duplicate (B5H0501-DUP1)</b>					<b>Source: 5H03007-03</b> Prepared: 08/05/15 Analyzed: 08/07/15					
Aroclor-1016	<b>&lt;0.020</b>	0.020	mg/kg						200	
Aroclor-1221	<b>&lt;0.020</b>	0.020	mg/kg						200	
Aroclor-1232	<b>&lt;0.020</b>	0.020	mg/kg						200	
Aroclor-1242	<b>&lt;0.020</b>	0.020	mg/kg						200	
Aroclor-1248	<b>&lt;0.020</b>	0.020	mg/kg						200	
Aroclor-1254	<b>&lt;0.020</b>	0.020	mg/kg						200	
Aroclor-1260	<b>&lt;0.020</b>	0.020	mg/kg						200	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.00471</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>94.3</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-meta-xylene</i>	<i>0.00386</i>		<i>mg/kg</i>	<i>0.0050</i>		<i>77.3</i>	<i>50-150</i>			

**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** The Source Group, Inc. (SH)  
**Project No:** 04-NDLA-007  
**Project Name:** DFSP Norwalk Soil Remediation

**AA Project No:** A5331438  
**Date Received:** 08/05/15  
**Date Reported:** 08/12/15

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### Special Notes

[1] = S-GC : Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

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**Viorel Vasile**  
Operations Manager

