SGI environmental THE SOURCE GROUP, INC.

LETTER OF TRANSMITTAL

Date: February 11, 2015

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Project: DFSP Norwalk, Norwalk, CA
Submittal: Remediation Status Report, Fourth Quarter 2014

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Via Email:
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REMEDIATION STATUS REPORT – FOURTH QUARTER 2014

DEFENSE FUEL SUPPORT POINT NORWALK
15306 Norwalk Boulevard
Norwalk, California

04-NDLA-001

Prepared For:

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For Submittal To:

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LIST OF ACRONYMS

DLA Energy	Defense Logistics Agency - Energy
SGI	The Source Group, Inc.
DFSP	Defense Fuel Support Point
LARWQCB	California Regional Water Quality Control Board, Los Angeles Region
JP-5	Jet Propellant Number 5
BTEX	Benzene, Toluene, Ethylbenzene, and Total Xylenes
MTBE	Methyl tertiary-Butyl Ether
TBA	Tertiary-Butyl alcohol
SFPP	Santa Fe Pacific Pipelines Partners, L.P.
SVE	Soil Vapor Extraction
GWE	Groundwater Extraction
LNAPL	Light Non-Aqueous Phase Liquid
VES	Soil Vapor Extraction System
GWETS	Groundwater Extraction and Treatment System
GAC	Granular Activated Carbon
VOCs	Volatile Organic Compounds
SCAQMD	South Coast Air Quality Management District
NPDES	National Pollutant Discharge Elimination System
OM&M	Operations, Maintenance, and Monitoring
ELAP	Environmental Laboratory Accreditation Program
TPH	Total Petroleum Hydrocarbons
EPA	United States Environmental Protection Agency
TPHg	Total Petroleum Hydrocarbons as Gasoline
TPHd	Total Petroleum Hydrocarbons as Diesel
SM	Standard Method
MBAS	Methylene Blue Active Substances
BOD	Biological oxygen demand
DTP	Depth to Product
DTW	Depth to Groundwater
TOC	Top of Casing
gpm	Gallons per Minute
PID	Photoionization Detector

1.0 INTRODUCTION

On behalf of our client, Defense Logistics Agency - Energy (DLA Energy), The Source Group, Inc. (SGI) presents this report to summarize remediation system operations during this reporting period for the Defense Fuel Support Point (DFSP) Norwalk facility, located at 15306 Norwalk Boulevard, Norwalk, California (Site, Figures 1 and 2).

This report is submitted pursuant to a request from the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) in a letter dated May 3, 2013.

1.1 Contaminants of Concern

Soil and groundwater at the areas of concern are impacted with hydrocarbons consisting primarily of jet propellant number 5 (JP-5); diesel; benzene, toluene, ethylbenzene, and total xylenes (collectively, BTEX), methyl tertiary-butyl ether (MTBE), and tertiary-butyl alcohol (TBA). MTBE and TBA are interpreted to have resulted from Santa Fe Pacific Pipelines Partners, L.P. (SFPP) operations, and remediation of these impacts is being addressed by SFPP. Remediation systems by DLA Energy were installed to treat the hydrocarbon impacts in soil and groundwater. The purposes of these remediation systems are to reduce hydrocarbon concentrations to cleanup goals, to prevent off-site migration, to contain contaminant mass, and ultimately, to achieve site closure within a reasonable timeframe.

The impacted DLA Energy areas consist of the north-central former tank farm, the northeastern property boundary, off-site Holifield Park area, the northwest corner of the Site, and the former water tank and truck fueling areas.

1.2 Remediation Systems

The remediation technologies utilized at the Site have consisted of soil vapor extraction (SVE), groundwater extraction (GWE), biosparging, and light non-aqueous phase liquid (LNAPL) removal. A summary of Site remediation wells, including well identification, well construction information, well function, and operational status, is presented in Table 1. The remediation system layout (well and piping locations) is presented in Figure 2.

1.2.1 Soil Vapor Extraction System

The SVE well network for hydrocarbon extraction from vadose zone subsurface impacts historically includes wells installed in the following areas as illustrated on Figure 2: AST 80001 area (VEW-23), AST 80006 and 80007 areas (VEW-20, VEW-21, VEW-22, HW-1, HW-3), AST 80008 area (VEW-24, VEW-25, VEW-26, VEW-27, HW-5, HW-7), AST 55004 area (VEW-28, VEW-29, VEW-30), eastern boundary area (VEW-32, VEW-33, VEW-34, VEW-35, VEW-36, VEW-37), water tank area (VEW-31), and truck fueling area (not shown on Figure 2; VW-07, VW-09, VW-10, VW-11, VW-12, VW-13, VW-14, VW-15, VW-16). The soil vapor extraction system (VES) utilizes a blower to remove soil vapors from the subsurface. The extracted vapors are then conveyed through a

knockout tank that separates entrained moisture from the soil vapors. Accumulated moisture in the knockout tank is treated by the groundwater extraction and treatment system (GWETS) as described below. Following the knockout tank, the soil vapors are treated through four granular activated carbon (GAC) vessels where volatile organic compounds (VOCs) are adsorbed onto the GAC within the vessels. The primary and secondary GAC vessels, each 5,000 pounds, are installed in series with each other and with a pair of tertiary vessels, each 2,000 pounds. Operation of the VES is conducted in accordance with South Coast Air Quality Management District (SCAQMD) Permit to Operate G12863, A/N 518989. Active SVE wells are identified in Section 3.1 and Tables 3a, 3b, and 3c.

1.2.2 Groundwater Extraction and Treatment System

The GWE well network for hydrocarbon extraction from dissolved-phase subsurface impacts historically includes wells installed in the northwestern area (GW-2, GW-13), central tank farm area (GW-14), and eastern boundary area (GW-15, GW-16, GMW-58). The GWETS utilizes electric pumps in each of the GWE wells to pump groundwater in to a shared surge tank. Groundwater is transferred via a transfer pump from the surge tank through three bag filter vessels in series (BF1, BF2, BF3), two MYCELX vessels in series (MX-7, MX-21), three GAC vessels in series (2,000 pound GAC-1, 2,000 pound GAC-2, 1,500 pound GAC-3) and two ion exchange vessels (for arsenic treatment) in series prior to being discharged to storm drain. Operation of the GWETS is conducted in accordance with National Pollutant Discharge Elimination System (NPDES) permit CAG994004, CI No. 7585 and SCAQMD Permit to Operate G6962, A/N 501180. Active GWE wells are identified in Section 3.2 and Tables 2a, 2b, and 2c.

1.2.3 Biosparge System

The biosparge wells for hydrocarbon removal from dissolved-phase subsurface impacts are located in areas throughout the tank farm area and eastern boundary area. The biosparge system is currently off line.

1.2.4 LNAPL Removal

LNAPL removal has been conducted via vacuum truck, passive skimming, and absorbent socks. Wells are gauged periodically and LNAPL removal is conducted based on the measured LNAPL thickness in each target well. LNAPL removal wells are identified in Section 3.3 and Tables 8a, 8b, 8c, 8d, 8e, and 8f.

2.0 OPERATIONS, MAINTENANCE, AND MONITORING

During this reporting period, Operations, Maintenance, and Monitoring (OM&M) of the remediation systems included the following tasks:

- Performed weekly maintenance and monitoring of the VES and GWETS during operation;
- Collected and analyzed VES influent and effluent vapor samples;
- Collected and analyzed VES individual well vapor samples; and
- Collected and analyzed GWETS influent and effluent groundwater samples.

During this reporting period, remediation system inspections were performed on a weekly basis during operation. For these inspections, vapor flow rate, vacuum, volumes of extracted groundwater, hours of operation, and other system parameters were recorded during system operation. Remediation system operations activities for the reporting period are summarized in Tables 2a, 2b, and 2c and 3a, 3b, and 3c.

2.1 Soil Vapor Extraction System OM&M

The VES operated throughout the reporting period except from:

- October 24 through November 2 for semi-annual groundwater monitoring and sampling.

Performance and compliance soil vapor samples from the VES were collected during the reporting period on October 23, November 17, and December 17, 2014. The vapor samples were delivered to American Analytics (American) for analysis. American is a laboratory certified by the California Department of Public Health Environmental Laboratory Accreditation Program (ELAP).

The vapor samples were analyzed for the following:

- Total petroleum hydrocarbons (TPH) quantified as hexane using United States Environmental Protection Agency (EPA) Method 8015;
- BTEX and MTBE using EPA Method 8260B; and
- TPH quantified as gasoline (TPHg) using EPA Method 8015.

A historical summary of influent vapor analytical sample results is provided in Table 4. The laboratory analytical reports and chain-of-custody documents for these samples are included in Appendix A.

2.2 Groundwater Extraction and Treatment System OM&M

The GWETS remained off line throughout the majority of the reporting period pending replacement of resin in ion exchange vessels (for arsenic treatment). The resin in the ion exchange vessels is scheduled to be replaced during Quarter 1, 2015.

Performance and compliance water samples from the GWETS were collected during the reporting period on October 20, November 17, and December 17, 2014. The water samples were delivered to ELAP certified American for analysis.

The water samples were analyzed for the following:

- TPHg and TPH as diesel (TPHd) using EPA Method 8015M;
- VOCs using EPA Method 8260B;
- Metals (arsenic and copper) using EPA 6020;
- Oil and grease using Standard Method (SM) 5520 B;
- Turbidity using SM 2130 B;
- Sulfides using SM 4500 S2-D;
- Residual chlorine using SM 4500-CL F;
- Total suspended solids using SM 2540 D;
- Settleable Solids using SM 2540 F;
- Methylene Blue Active Substances (MBAS) using SM 5540 C;
- Phenols using EPA 420.1;
- Biological oxygen demand (BOD) using SM 5210 B; and
- Acute toxicity using EPA 2000.0.

The GWETS effluent groundwater sampling results will be provided under separate cover in the NPDES discharge monitoring report for the reporting period. A historical summary of influent water analytical sample results is provided in Table 5. The laboratory analytical reports and chain-of-custody documents for these samples are included in Appendix A.

2.3 LNAPL Removal OM&M

Depth to product (DTP) and depth to groundwater (DTW) was measured to the nearest 0.01 foot from the top of the well casing (TOC) using an interface probe in select monitoring wells. LNAPL was removed from select wells by vacuum truck and absorbent socks. LNAPL gauging results and estimated mass and volume removal are summarized in Tables 8a, 8b, 8c, 8d, 8e, and 8f.

3.0 SUMMARY OF REMEDIATION PROGRESS

The following sections describe remedial progress at the Site.

3.1 Soil Vapor Extraction System

During this reporting period, the VES extracted soil vapors from the four horizontal wells that span through the entire former tank farm area (HW-1, HW-3, HW-5, HW-7) and three vertical wells in the northeastern area (VEW-32, VEW-33, VEW-34).

The total mass of VOCs removed by SVE during this reporting period was approximately 10.0 pounds and approximately 2,934,673 pounds since April 1996 (Tables 3a, 3b, and 3c). The total mass removed by SVE does not include the mass removed in-situ by biodegradation.

3.2 Groundwater Extraction and Treatment System

During this reporting period, the GWETS extracted groundwater from the northwest (GW-2 and GW-13) and northeast (GW-15 and GW-16) areas of the Site.

The total volume of groundwater extracted by the GWETS during this reporting period was approximately 182,190 gallons and approximately 71.8 million gallons since April 1996. Based on the TPHd results for influent water samples and total groundwater extracted, the mass of TPHd removed by GWE was approximately 0.9 pounds (Table 2c) during the fourth quarter 2014 and approximately 9,927 pounds since April 1996 (Table 2c).

3.3 LNAPL Removal

During this reporting period, DTW and DTP was measured in GMW-62 located off site in Holifield Park and GMW-4, GMW-21, MW-15, PZ-3, and TF-18. LNAPL was removed during the reporting period by vacuum truck, passive skimmer, and by utilizing absorbent socks installed in select wells. Approximately 21.3 gallons (145.9 pounds) of LNAPL was recovered from the Site via vacuum truck, passive skimmer, and absorbent socks during the reporting period (Tables 8a through 8f).

4.0 SYSTEM EVALUATION AND OPTIMIZATION

Remedial system optimization is ongoing to ensure most effective operation for cleanup at the site.

For the VES, during the fourth quarter 2014, influent vapor-phase VOC concentrations remained low and reached asymptotic levels. Individual well vapor concentrations were measured with a photoionization detector (PID) on October 23 and December 17, 2014. SGI will continue to monitor individual well concentrations and modify online wells as necessary. During Quarter 1, 2015, SGI will modify the VES to perform ex-situ biopile vapor extraction.

As discussed in SGI's *Second Semiannual 2014 Groundwater Monitoring Report*, dated February 10, 2015, the overall area of impacts and plumes were similar to previous events. As indicated by the non-detect, stable, or declining dissolved groundwater analytical data from off-site wells (as illustrated in previous semiannual groundwater monitoring reports) and from the previous aquifer pump testing and groundwater capture zone analysis, the current GWETS with wells in the northeast area and northwest corner have been successful in preventing further impacted groundwater from flowing off site and have captured and treated a significant portion of impacted groundwater under Holifield Park and in the northwest corner. GWE in the northwest and northeast areas will continue to assist with contaminant containment. Additionally, absorbent sock installation and manual LNAPL recovery will continue, as needed.

5.0 PLANNED FIRST QUARTER 2015 ACTIVITIES

During the first quarter 2015, DLA Energy plans to continue to focus in-situ remedial efforts on the northwest, northeast, and north-central areas. The following OM&M activities are planned to be completed during the first quarter 2015:

- Continue weekly maintenance and monitoring of the VES and GWETS;
- Measure individual well vapor concentrations with a PID;
- Collect individual well vapor samples for laboratory analysis;
- Review LNAPL gauging and removal data to optimize removal methods;
- Collect and analyze system influent and effluent vapor and groundwater samples;
- Evaluate GWE flow rate and potential options of decreasing the flow rate while maintaining contaminant containment as described in Parsons' *Groundwater Capture Report*, dated June 17, 2010;
- Evaluate re-implementation of the biosparge system; and
- Perform pre-mobilization activities for soil excavation.

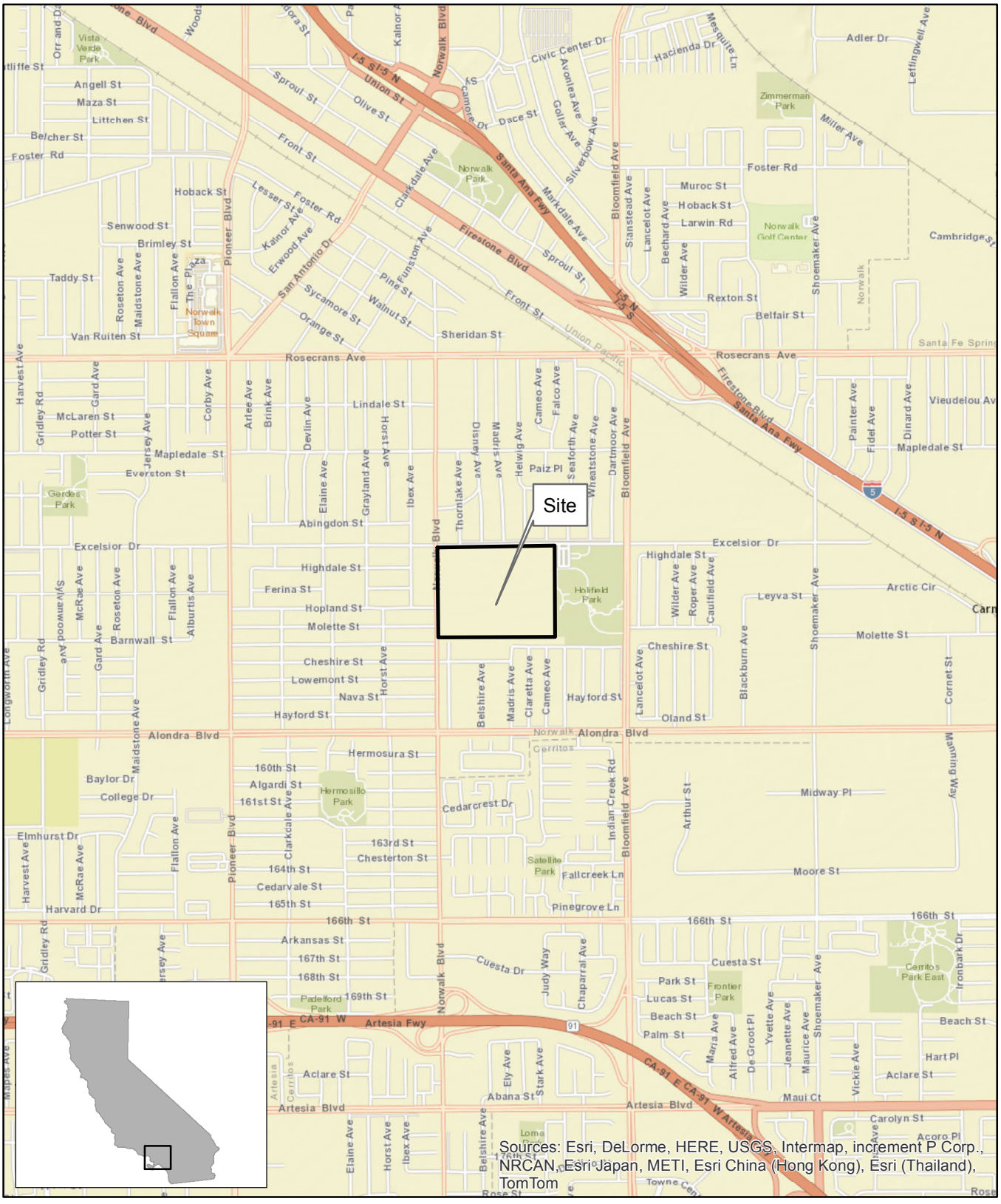
The VES and GWETS for the northwest, northeast, and north-central areas will continue to operate and LNAPL recovery will continue. The remediation activities and progress for the first quarter 2015 will be described in the First Quarter 2015 Remediation Progress Report to be submitted by May 15, 2015.

In 2015, DLA Energy plans to excavate and treat contaminated vadose zone soils to depths up to 25 feet at the Site. It is anticipated that up to 100,000 cubic yards of petroleum hydrocarbon contaminated soil will be remediated. The goal of this remediation is to remove source area soils that continue to contribute to the degradation of groundwater and to ready the real property of the site for eventual conveyance.

6.0 LIMITATIONS

This document was prepared for the exclusive use of the Defense Logistics Agency - Energy (DLA Energy) and the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) for the express purpose of complying with a client or regulatory directive for environmental investigation or restoration. SGI and DLA Energy must approve any re-use of this work product in whole or in part for a different purpose or by others in writing. If any such unauthorized use occurs, it shall be at the user's sole risk without liability to SGI or DLA Energy. To the extent that this report is based on information provided to SGI by third parties, including DLA Energy, their direct contractors, previous workers, and other stakeholders, SGI cannot guarantee the completeness or accuracy of this information, even where efforts were made to verify third-party information. SGI has exercised professional judgment to collect and present findings and opinions of a scientific and technical nature. The opinions expressed are based on the conditions of the Site existing at the time of the field investigation, current regulatory requirements, and any specified assumptions. The presented findings and recommendations in this report are intended to be taken in their entirety to assist DLA Energy and LARWQCB personnel in applying their own professional judgment in making decisions related to the property. SGI cannot provide conclusions on environmental conditions outside the completed scope of work. SGI cannot guarantee that future conditions will not change and affect the validity of the presented conclusions and recommended work. No warranty or guarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, conclusions, and recommendations.

FIGURES



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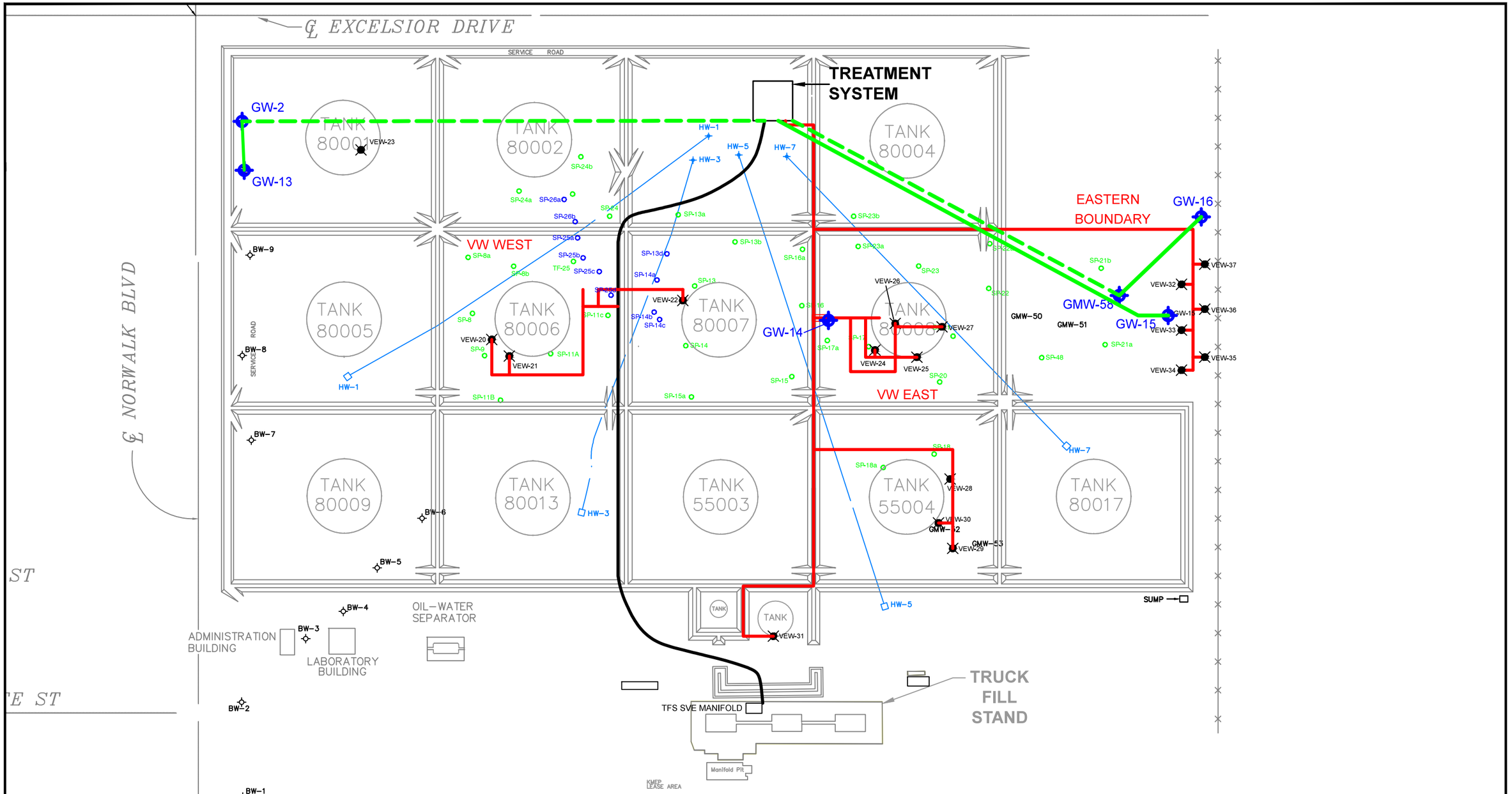
DEFENSE FUEL SUPPORT POINT NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

SITE LOCATION MAP

FIGURE **1**

Document Name: Fig-1_Norwalk_Site_Location_Map



NOTES

Base map and piping from Parsons' *First Quarter 2014 Remediation Progress Report*, dated May 15, 2014

DEFENSE FUEL SUPPORT POINT NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

PROJECT	DATE		
04-NDLA	08/15/2014		

0 160 320
HORIZONTAL SCALE IN FEET

SITE MAP SHOWING REMEDIATION WELL AND PIPING LOCATIONS

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N

FIGURE 2

TABLES

TABLE 1
Remediation Well Construction
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Remediation Area	Well	Notes	Installation Date	Casing Elevation (ft msl)	Total Depth (ft bgs)	Screen Interval (ft bgs)	Remediation Well Function
North-West (AST 80001)	GW-1		06/12/95	75.97	63	25 - 60	GWE
	GW-2		06/12/95	75.78	63	25 - 60	GWE
	GW-3		06/13/95	75.79	63	25 - 60	GWE
	GW-4		06/12/95	75.78	63	25 - 60	GWE
	GW-13		04/26/07	76.85	67	25 - 65	GWE
	VEW-23		08/03/04	76.20	25	15 - 25	SVE
North-Central (AST 80002, AST 80004, AST 80006, AST 80007, AST 80008, AST 8001, AST 55004)	HW-1		--	--	25	continuous	SVE
	HW-3		--	--	25	continuous	SVE
	HW-5		--	--	25	continuous	SVE
	HW-7		--	--	25	continuous	SVE
	GMW-21	1	08/02/91	76.23	50	25 - 50	TFE/GWE
	GW-14		04/26/07	76.54	67	25 - 65	GWE
	SP-8		--	--	50	48 - 50	Biosparge
	SP8a		--	--	50	48 - 50	Biosparge
	SP-8b		--	--	50	48 - 50	Biosparge
	SP-9		--	--	50	48 - 50	Biosparge
	SP-11		--	--	50	48 - 50	Biosparge
	SP-11a		--	--	50	48 - 50	Biosparge
	SP-11b		--	--	50	48 - 50	Biosparge
	SP-11c		--	--	50	48 - 50	Biosparge
	SP-13		--	--	50	48 - 50	Biosparge
	SP-13a		--	--	50	48 - 50	Biosparge
	SP-13b		--	--	50	48 - 50	Biosparge
	SP-13c		--	--	50	48 - 50	Biosparge
	SP-13d		--	--	50	48 - 50	Biosparge
	SP-14		--	--	50	48 - 50	Biosparge
	SP-14a		--	--	50	48 - 50	Biosparge
	SP-14b		--	--	50	48 - 50	Biosparge
	SP-14c		--	--	50	48 - 50	Biosparge
	SP-15		--	--	50	48 - 50	Biosparge
	SP-15a		--	--	50	48 - 50	Biosparge
	SP-16		--	--	50	48 - 50	Biosparge
	SP-17		--	--	50	48 - 50	Biosparge
	SP-17a		--	--	50	48 - 50	Biosparge
	SP-18		--	--	50	48 - 50	Biosparge
	SP-18a		--	--	50	48 - 50	Biosparge
	SP-20		--	--	50	48 - 50	Biosparge
	SP-20a		--	--	50	48 - 50	Biosparge
	SP-21		--	--	50	48 - 50	Biosparge
	SP-22		--	--	50	48 - 50	Biosparge

TABLE 1
Remediation Well Construction
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Remediation Area	Well	Notes	Installation Date	Casing Elevation (ft msl)	Total Depth (ft bgs)	Screen Interval (ft bgs)	Remediation Well Function
North-Central (AST 80002, AST 80004, AST 80006, AST 80007, AST 80008, AST 8001, AST 55004)	SP-23		--	--	50	48 - 50	Biosparge
	SP-23a		--	--	50	48 - 50	Biosparge
	SP-23b		--	--	50	48 - 50	Biosparge
	SP-23c		--	--	50	48 - 50	Biosparge
	SP-24		--	--	50	48 - 50	Biosparge
	SP-24a		--	--	50	48 - 50	Biosparge
	SP-24b		--	--	50	48 - 50	Biosparge
	SP-24c		--	--	50	48 - 50	Biosparge
	SP-25		--	--	50	48 - 50	Biosparge
	SP-25a		--	--	50	48 - 50	Biosparge
	SP-25b		--	--	50	48 - 50	Biosparge
	SP-25c		--	--	50	48 - 50	Biosparge
	SP-25d		--	--	50	48 - 50	Biosparge
	SP-26		--	--	50	48 - 50	Biosparge
	SP-26a		--	--	50	48 - 50	Biosparge
	TF-8		09/22/95	74.86	63	25 - 60	TFE, GWE
	TF-9		09/22/95	74.47	63	25 - 60	TFE, GWE
	TF-10		09/25/95	73.61	63	25 - 60	TFE, GWE
	TF-11		09/25/95	74.40	63	25 - 60	TFE, GWE
	TF-13		09/26/95	75.47	63	25 - 60	TFE, GWE
	TF-14		09/27/95	74.35	63	25 - 60	TFE, GWE
	TF-15		09/28/95	74.78	63	25 - 60	TFE, GWE
	TF-16		09/28/95	75.89	63	25 - 60	TFE, GWE
	TF-17		09/29/95	74.88	63	25 - 60	TFE, GWE
	TF-18		07/06/94	73.94	50.5	20 - 50	TFE, GWE
	TF-19		10/03/95	75.07	63	25 - 60	TFE, GWE
	TF-20		10/03/95	75.08	63	25 - 60	TFE, GWE
	TF-21		09/29/95	74.96	63	25 - 60	TFE, GWE
	TF-22		10/02/95	74.76	63	25 - 60	TFE, GWE
	TF-23		07/05/94	75.31	50.5	20 - 50	TFE, GWE
	TF-24	2	09/26/95	76.43	63	25 - 60	TFE, GWE
	TF-25		04/04/01	74.85	47	26 - 36	TFE, GWE
	TF-26		04/03/01	75.85	47	26 - 36	TFE, GWE
	VEW-20		08/02/04	75.95	25	15 - 25	SVE
	VEW-21		08/02/04	75.75	25	15 - 25	SVE
	VEW-22		08/02/04	77.09	20	10 - 20	SVE
	VEW-24		08/02/04	76.13	25	15 - 25	SVE
	VEW-25		08/02/04	76.14	25	15 - 25	SVE
	VEW-26		08/04/04	77.50	25	15 - 25	SVE
	VEW-27		08/04/04	77.07	25	15 - 25	SVE
	VEW-28		08/03/04	75.67	25	10 - 25	SVE
	VEW-29		08/03/04	75.25	25	10 - 25	SVE
	VEW-30		08/03/04	75.65	25	10 - 25	SVE

TABLE 1
Remediation Well Construction
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Remediation Area	Well	Notes	Installation Date	Casing Elevation (ft msl)	Total Depth (ft bgs)	Screen Interval (ft bgs)	Remediation Well Function
North-East	BSP-1		04/18/07	--	50	47 - 49	Biosparge
	BSP-2		04/18/07	--	50	48 - 50	Biosparge
	BSP-3		04/17/07	--	48	46 - 48	Biosparge
	BSP-4		04/17/07	--	49	47 - 49	Biosparge
	BSP-5		04/17/07	--	49.5	47 - 49	Biosparge
	BSP-6		04/18/07	--	49	47 - 49	Biosparge
	BSP-7		04/19/07	--	48	46 - 48	Biosparge
	BSP-8		04/19/07	--	48	46 - 48	Biosparge
	BSP-9		04/19/07	--	48	46 - 48	Biosparge
	GMW-58		08/14/98	75.48	55	20 - 55	GWE
	GW-15		04/26/07	74.94	60.5	20.5 - 60.6	GWE
	GW-16		07/07/09	76.33	63	20.5 - 60.5	GWE
	SP-21a		--	--	50	48 - 50	Biosparge
	SP-21b		--	--	50	48 - 50	Biosparge
	SP-48		--	--	50	48 - 50	Biosparge
	VEW-32		04/11/07	--	25	10 - 25	SVE
	VEW-33		04/11/07	--	25	10 - 25	SVE
	VEW-34		04/11/07	--	25	10 - 25	SVE
	VEW-35		04/10/07	--	25	10 - 25	SVE
	VEW-36		04/10/07	--	25	10 - 25	SVE
	VEW-37		40/10/07	--	25	10 - 25	SVE
Former Truck Fueling Area and Adjacent Water Tank Area	VEW-31		08/03/04	75.10	15	5 - 15	SVE
	VW-07		--	75.64	--	--	SVE
	VW-09		--	75.77	--	--	SVE
	VW-10		03/23/04	75.78	30.5	20 - 30	SVE
	VW-11		03/23/04	75.55	25	20 - 25	SVE
	VW-12		03/23/04	75.79	30.5	15 - 30	SVE
	VW-13		03/23/04	75.42	29	25 - 29	SVE
	VW-14		03/23/04	75.89	28	15 - 28	SVE
	VW-15		04/14/04	75.45	30	20 - 30	SVE
	VW-16		04/14/04	75.29	30	20 - 30	SVE

Legend/Notes *:*
ft msl = Feet above mean sea level
ft bgs = Feet below ground surface
AST = Aboveground storage tank
GWE = Groundwater extraction
SVE = Soil vapor extraction
TFE = Total fluids extraction
-- = Information not available
1 = Also referred to as TF-24.
2 = Also referred to as "old TF-24" or "former TF-24".

TABLE 2a
Groundwater Extraction and Treatment System Summary of Operations - October
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from the North-East Area (gallons)	Groundwater Extracted from the North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
10/01/14	Off line	1	3,691,102	2,437,751	955,808	6,499,390	7,455,198	6,128,853	71,656,389	--	9,926
10/02/14	Off line		3,691,200	2,437,812	955,880	6,499,470	7,455,350	6,129,012	71,656,652	--	9,926
10/03/14	Off line		3,691,298	2,437,874	955,952	6,499,550	7,455,502	6,129,172	71,656,916	--	9,926
10/04/14	Off line		3,691,397	2,437,935	956,024	6,499,630	7,455,654	6,129,332	71,657,180	--	9,926
10/05/14	Off line		3,691,495	2,437,997	956,097	6,499,710	7,455,807	6,129,492	71,657,443	--	9,926
10/06/14	Off line		3,691,593	2,438,058	956,169	6,499,790	7,455,959	6,129,652	71,657,707	--	9,926
10/07/14	Off line		3,691,692	2,438,120	956,241	6,499,870	7,456,111	6,129,812	71,657,971	--	9,926
10/08/14	Off line		3,691,790	2,438,181	956,314	6,499,950	7,456,264	6,129,971	71,658,235	--	9,926
10/09/14	Off line		3,691,889	2,438,243	956,386	6,500,030	7,456,416	6,130,131	71,658,498	--	9,926
10/10/14	Off line		3,691,987	2,438,304	956,458	6,500,110	7,456,568	6,130,291	71,658,762	--	9,926
10/11/14	Off line		3,692,085	2,438,366	956,531	6,500,190	7,456,721	6,130,451	71,659,026	--	9,926
10/12/14	Off line		3,692,184	2,438,427	956,603	6,500,270	7,456,873	6,130,611	71,659,289	--	9,926
10/13/14	Off line		3,692,282	2,438,489	956,675	6,500,350	7,457,025	6,130,771	71,659,553	--	9,926
10/14/14	Off line		3,692,380	2,438,550	956,748	6,500,430	7,457,178	6,130,930	71,659,817	--	9,926
10/15/14	Off line		3,692,479	2,438,612	956,820	6,500,510	7,457,330	6,131,090	71,660,081	--	9,926
10/16/14	Off line		3,692,577	2,438,673	956,892	6,500,590	7,457,482	6,131,250	71,660,344	--	9,926
10/17/14	Technician	2	3,692,663	2,438,727	956,956	6,500,660	7,457,616	6,131,390	71,660,575	--	9,926
10/18/14	*		3,699,111	2,443,061	961,500	6,505,742	7,467,242	6,142,172	71,677,311	--	9,926
10/19/14	*		3,705,559	2,447,395	966,045	6,510,824	7,476,869	6,152,954	71,694,047	--	9,927
10/20/14	Technician	3,4	3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	560	9,927
10/21/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/22/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/23/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/24/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/25/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/26/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/27/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/28/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/29/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/30/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
10/31/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927

Cumulative Groundwater Discharged by the GWETS to Date (gallons)							
Period	October	Quarter 1, 2014	Quarter 2, 2014	Quarter 3, 2014	Quarter 4, 2014	2014	April 1996 to Date
Volume	54,600	1,950,806	812,185	1,055,925	54,600	3,873,516	71,710,725

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	October	Quarter 4 to Date	April 1996 to Date
Mass	0.33	0.33	9,926.67

$$Liquid\text{-}Phase\ DRO\ Mass\,[lb] = \left(Conc.\left[\frac{\mu g}{L}\right]\right) \bullet \left(\frac{3.785\,L}{gal}\right) \bullet \left(\frac{1\,g}{1,000,000\,\mu g}\right)\left(\frac{1\,lb}{453.59\,g}\right) \bullet \left(Volume\,[gal]\right)$$

Legend / Notes:

1 = GWETS off line since manually shut down on 09/26/14.
2 = GWETS restarted.
3 = Collected monthly process, intermediate, and effluent water samples for laboratory analysis.
4 = GWETS manually shut down for semi-annual groundwater monitoring and sampling event.

GWETS = Groundwater extraction and treatment system
ug/L - Micrograms per liter
lb = Pounds
DRO = Diesel range organics
A = Hydrocarbon removal is calculated using analytical laboratory results for DRO (if not detected, half the detection limit is used) from samples collected on: 09/17/14 and 10/20/14 (laboratory reports attached).
-- = Not applicable
* = Operational values interpolated from chart recorder data or previous monitoring event.

Groundwater extraction wells on line this month: GW-2, GW-13, GW-15, GW-16

TABLE 2b
Groundwater Extraction and Treatment System Summary of Operations - November
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from the North-East Area (gallons)	Groundwater Extracted from the North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
11/01/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
11/02/14	Off line		3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
11/03/14	Technician	1	3,711,985	2,451,714	970,574	6,515,889	7,486,463	6,163,699	71,710,725	--	9,927
11/04/14	*		3,718,610	2,456,714	975,783	6,521,532	7,497,315	6,175,323	71,729,263	--	9,927
11/05/14	Technician		3,724,015	2,460,794	980,033	6,526,137	7,506,170	6,184,809	71,744,390	--	9,927
11/06/14	*		3,730,784	2,465,828	983,586	6,529,411	7,512,997	6,196,612	71,757,872	--	9,927
11/07/14	Technician		3,737,436	2,470,775	987,077	6,532,628	7,519,705	6,208,211	71,771,120	--	9,927
11/08/14	*		3,743,767	2,476,480	990,987	6,535,823	7,526,810	6,220,246	71,785,653	--	9,927
11/09/14	*		3,750,097	2,482,184	994,897	6,539,017	7,533,914	6,232,282	71,800,185	--	9,927
11/10/14	*		3,756,428	2,487,889	998,807	6,542,212	7,541,019	6,244,317	71,814,718	--	9,927
11/11/14	Technician	2	3,762,737	2,493,574	1,002,704	6,545,395	7,548,099	6,256,311	71,829,200	--	9,927
11/12/14	Off line		3,762,737	2,493,574	1,002,704	6,545,395	7,548,099	6,256,311	71,829,200	--	9,927
11/13/14	Off line		3,762,737	2,493,574	1,002,704	6,545,395	7,548,099	6,256,311	71,829,200	--	9,927
11/14/14	Off line		3,762,737	2,493,574	1,002,704	6,545,395	7,548,099	6,256,311	71,829,200	--	9,927
11/15/14	Off line		3,762,737	2,493,574	1,002,704	6,545,395	7,548,099	6,256,311	71,829,200	--	9,927
11/16/14	Off line		3,762,737	2,493,574	1,002,704	6,545,395	7,548,099	6,256,311	71,829,200	--	9,927
11/17/14	Technician	1,3,2	3,762,737	2,493,574	1,002,704	6,545,395	7,548,099	6,256,311	71,829,200	260	9,927
11/18/14	Off line		3,762,857	2,493,692	1,002,763	6,545,455	7,548,219	6,256,549	71,829,505	--	9,927
11/19/14	Off line		3,762,977	2,493,810	1,002,823	6,545,516	7,548,339	6,256,787	71,829,810	--	9,927
11/20/14	Off line		3,763,097	2,493,927	1,002,882	6,545,576	7,548,459	6,257,025	71,830,114	--	9,927
11/21/14	Off line		3,763,218	2,494,045	1,002,942	6,545,637	7,548,579	6,257,263	71,830,419	--	9,927
11/22/14	Off line		3,763,338	2,494,163	1,003,001	6,545,697	7,548,698	6,257,501	71,830,724	--	9,927
11/23/14	Off line		3,763,458	2,494,281	1,003,061	6,545,758	7,548,818	6,257,738	71,831,029	--	9,927
11/24/14	Off line		3,763,578	2,494,398	1,003,120	6,545,818	7,548,938	6,257,976	71,831,333	--	9,927
11/25/14	Off line		3,763,698	2,494,516	1,003,180	6,545,878	7,549,058	6,258,214	71,831,638	--	9,927
11/26/14	Off line		3,763,818	2,494,634	1,003,239	6,545,939	7,549,178	6,258,452	71,831,943	--	9,927
11/27/14	Off line		3,763,939	2,494,752	1,003,299	6,545,999	7,549,298	6,258,690	71,832,248	--	9,927
11/28/14	Off line		3,764,059	2,494,869	1,003,358	6,546,060	7,549,418	6,258,928	71,832,552	--	9,927
11/29/14	Off line		3,764,179	2,494,987	1,003,418	6,546,120	7,549,538	6,259,166	71,832,857	--	9,927
11/30/14	Off line		3,764,299	2,495,105	1,003,477	6,546,181	7,549,658	6,259,404	71,833,162	--	9,927

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	November	Quarter 1, 2014	Quarter 2, 2014	Quarter 3, 2014	Quarter 4, 2014	2014	April 1996 to Date
Volume	122,437	1,950,806	812,185	1,055,925	177,037	3,995,953	71,833,162

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	November	Quarter 4 to Date	April 1996 to Date
Mass	0.56	0.89	9,927.23

$$Liquid\text{-}Phase\ DRO\ Mass\ [lb] = \left(Conc.\left[\frac{\mu g}{L}\right]\right) \bullet \left(\frac{3.785\,L}{gal}\right) \bullet \left(\frac{1\,g}{1,000,000\,\mu g}\right) \bullet \left(\frac{1\,lb}{453.59\,g}\right) \bullet \left(Volume\,[gal]\right)$$

Legend / Notes:

1 = GWETS restarted.
2 = GWETS manually shut down for maintenance.
3 = Collected monthly process, intermediate, and effluent water samples for laboratory analysis.

GWETS = Groundwater extraction and treatment system
ug/L - Micrograms per liter
lb = Pounds
DRO = Diesel range organics
A = Hydrocarbon removal is calculated using analytical laboratory results for DRO (if not detected, half the detection limit is used) from samples collected on: 10/20/14 and 11/17/14 (laboratory reports attached).
-- = Not applicable
* = Operational values interpolated from chart recorder data or previous monitoring event.

Groundwater extraction wells on line this month: GW-2, GW-13, GW-15, GW-16

TABLE 2c
Groundwater Extraction and Treatment System Summary of Operations - December
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from the North-East Area (gallons)	Groundwater Extracted from the North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
12/01/14	Off line		3,764,419	2,495,223	1,003,536	6,546,241	7,549,778	6,259,642	71,833,467	--	9,927
12/02/14	Off line		3,764,539	2,495,340	1,003,596	6,546,301	7,549,897	6,259,880	71,833,771	--	9,927
12/03/14	Off line		3,764,660	2,495,458	1,003,655	6,546,362	7,550,017	6,260,118	71,834,076	--	9,927
12/04/14	Off line		3,764,780	2,495,576	1,003,715	6,546,422	7,550,137	6,260,356	71,834,381	--	9,927
12/05/14	Off line		3,764,900	2,495,694	1,003,774	6,546,483	7,550,257	6,260,593	71,834,686	--	9,927
12/06/14	Off line		3,765,020	2,495,811	1,003,834	6,546,543	7,550,377	6,260,831	71,834,990	--	9,927
12/07/14	Off line		3,765,140	2,495,929	1,003,893	6,546,604	7,550,497	6,261,069	71,835,295	--	9,927
12/08/14	Off line		3,765,260	2,496,047	1,003,953	6,546,664	7,550,617	6,261,307	71,835,600	--	9,927
12/09/14	Off line		3,765,381	2,496,165	1,004,012	6,546,725	7,550,737	6,261,545	71,835,905	--	9,927
12/10/14	Off line		3,765,501	2,496,282	1,004,072	6,546,785	7,550,857	6,261,783	71,836,209	--	9,927
12/11/14	Off line		3,765,621	2,496,400	1,004,131	6,546,845	7,550,976	6,262,021	71,836,514	--	9,927
12/12/14	Off line		3,765,741	2,496,518	1,004,191	6,546,906	7,551,096	6,262,259	71,836,819	--	9,927
12/13/14	Off line		3,765,861	2,496,636	1,004,250	6,546,966	7,551,216	6,262,497	71,837,124	--	9,927
12/14/14	Off line		3,765,981	2,496,753	1,004,309	6,547,027	7,551,336	6,262,735	71,837,428	--	9,927
12/15/14	Off line		3,766,102	2,496,871	1,004,369	6,547,087	7,551,456	6,262,973	71,837,733	--	9,927
12/16/14	Off line		3,766,222	2,496,989	1,004,428	6,547,148	7,551,576	6,263,211	71,838,038	--	9,927
12/17/14	Technician	1,2,3	3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	190	9,927
12/18/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/19/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/20/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/21/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/22/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/23/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/24/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/25/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/26/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/27/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/28/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/29/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/30/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
12/31/14	Off line		3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	December	Quarter 1, 2014	Quarter 2, 2014	Quarter 3, 2014	Quarter 4, 2014	2014	April 1996 to Date
Volume	5,153	1,950,806	812,185	1,055,925	182,190	4,001,106	71,838,315

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	December	Quarter 4 to Date	April 1996 to Date
Mass	0.01	0.90	9,927.24

$$Liquid\text{-}Phase\ DRO\ Mass\ [lb] = \left(Conc.\left[\frac{\mu g}{L}\right]\right) \bullet \left(\frac{3.785\ L}{gal}\right) \bullet \left(\frac{1\ g}{1,000,000\ \mu g}\right) \left(\frac{1\ lb}{453.59\ g}\right) \bullet \left(Volume\ [gal]\right)$$

Legend / Notes:

1 = GWETS restarted.
2 = GWETS manually shut down for maintenance.
3 = Collected monthly process, intermediate, and effluent water samples for laboratory analysis.

GWETS = Groundwater extraction and treatment system
ug/L - Micrograms per liter
lb = Pounds
DRO = Diesel range organics
A = Hydrocarbon removal is calculated using analytical laboratory results for DRO (if not detected, half the detection limit is used) from samples collected on: 11/17/14 and 12/17/14 (laboratory reports attached).
-- = Not applicable
* = Operational values interpolated from chart recorder data or previous monitoring event.

Groundwater extraction wells on line this month: GW-2, GW-13, GW-15, GW-16

TABLE 3a
Soil Vapor Extraction System Summary of Operations - October
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration with Dilution [B,C] (ppmv)	Field Process Concentration with Dilution [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase TPHg Removed [D] (lb)
10/01/14	*		23,887	150	--	--	--	--	--	2,934,662.7
10/02/14	*		23,911	150	--	--	--	--	--	2,934,662.8
10/03/14	Technician		23,935	153	5	118	--	0.1	0.0	2,934,663.0
10/04/14	*		23,959	153	--	--	--	--	--	2,934,663.1
10/05/14	*		23,983	153	--	--	--	--	--	2,934,663.3
10/06/14	Technician		24,007	149	5	118	--	--	--	2,934,663.4
10/07/14	*		24,031	149	--	--	--	--	--	2,934,663.5
10/08/14	*		24,055	149	--	--	--	--	--	2,934,663.7
10/09/14	*		24,079	149	--	--	--	--	--	2,934,663.8
10/10/14	Technician		24,103	160	5	104	--	0.5	0.6	2,934,663.9
10/11/14	*		24,127	160	--	--	--	--	--	2,934,664.1
10/12/14	*		24,151	160	--	--	--	--	--	2,934,664.2
10/13/14	*		24,175	160	--	--	--	--	--	2,934,664.4
10/14/14	Technician		24,199	146	6	106	--	--	--	2,934,664.5
10/15/14	*		24,223	146	--	--	--	--	--	2,934,664.6
10/16/14	*		24,247	146	--	--	--	--	--	2,934,664.8
10/17/14	Technician	1	24,271	149	6	106	--	0.0	0.8	2,934,664.9
10/18/14	*		24,295	149	--	--	--	--	--	2,934,665.0
10/19/14	*		24,319	149	--	--	--	--	--	2,934,665.2
10/20/14	*		24,343	149	--	--	--	--	--	2,934,665.3
10/21/14	Technician	2	24,367	140	6	108	--	--	--	2,934,665.4
10/22/14	*		24,391	140	--	--	--	--	--	2,934,665.5
10/23/14	Technician	3,4,5,6	24,401	148	6	114	2.4	1.2	3.2	2,934,665.6
10/24/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
10/25/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
10/26/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
10/27/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
10/28/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
10/29/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
10/30/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
10/31/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6

Cumulative Mass TPHg Removed by the VES [D] (lb)			
Period	October	Quarter 4 to Date	April 1996 to Date
Mass	3.0	3.0	2,934,665.6

$$Vapor\text{-}Phase\ TPHg\ Mass\ [lb] = \left(Conc.\left[\frac{\mu g}{L}\right]\right) \bullet \left(\frac{28.32\ L}{ft^3}\right) \bullet \left(\frac{1\ g}{1{,}000{,}000\ \mu g}\right) \left(\frac{1 lb}{453.59\ g}\right) \bullet \left(Flow\ [scfm]\right) \bullet \left(\frac{60\ \min}{hr}\right) \bullet \left(OpTime\ [hrs]\right)$$

Legend / Notes:

1 = Closed vapor extraction wells VEW-32, VEW-33, and VEW-34 for piping repairs.
2 = Opened vapor extraction wells VEW-32, VEW-33, and VEW-34 following piping repairs.
3 = Measured individual well vapor concentrations with PID.
4 = Collected monthly influent, after GAC-1, after GAC-2, and Effluent samples for laboratory analysis.
5 = Collected indivdual well vapor samples for laboratory analysis.
6 = VES manually shut down for semi-annual groundwater monitoring and sampling event.

VES = Soil vapor extraction system
scfm = Standard cubic feet per minute
in. Hg = Inches of mercury
°F = Degrees Fahrenheit
ppmv = Parts per million by volume
lb = Pounds
A = Reading from chart recorder.
B = Concentrations obtained with a calibrated PID.
C = Concentrations correlated to and expressed as hexane.
D = Hydrocarbon removal is calculated using analytical laboratory results for TPHg (if not detected, half the detection limit is used) from samples collected on: 09/17/14 and 10/23/14 (laboratory reports attached).
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

Vapor extraction wells on line this month: VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7

TABLE 3b
Soil Vapor Extraction System Summary of Operations - November
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration with Dilution [B,C] (ppmv)	Field Process Concentration with Dilution [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase TPHg Removed [D] (lb)
11/01/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
11/02/14	Off line		24,401	NA	--	--	--	--	--	2,934,665.6
11/03/14	Technician	1	24,417	146	6	94	--	--	--	2,934,665.7
11/04/14	*		24,441	146	--	--	--	--	--	2,934,665.8
11/05/14	Technician		24,464	138	6	110	--	--	--	2,934,665.9
11/06/14	*		24,488	138	--	--	--	--	--	2,934,666.0
11/07/14	Technician		24,512	138	6	113	--	0.2	0.6	2,934,666.2
11/08/14	*		24,536	138	--	--	--	--	--	2,934,666.3
11/09/14	*		24,560	138	--	--	--	--	--	2,934,666.4
11/10/14	*		24,584	138	--	--	--	--	--	2,934,666.5
11/11/14	Technician		24,608	144	6	94	--	--	--	2,934,666.7
11/12/14	*		24,632	144	--	--	--	--	--	2,934,666.8
11/13/14	*		24,656	144	--	--	--	--	--	2,934,666.9
11/14/14	*		24,680	144	--	--	--	--	--	2,934,667.0
11/15/14	*		24,704	144	--	--	--	--	--	2,934,667.2
11/16/14	*		24,728	144	--	--	--	--	--	2,934,667.3
11/17/14	Technician	2	24,752	144	6	94	2.4	1.3	0.7	2,934,667.4
11/18/14	*		24,776	144	--	--	--	--	--	2,934,667.6
11/19/14	Technician		24,800	144	6	102	--	--	--	2,934,667.7
11/20/14	*		24,824	144	--	--	--	--	--	2,934,667.8
11/21/14	Technician		24,848	126	8	104	--	--	--	2,934,667.9
11/22/14	*		24,872	126	--	--	--	--	--	2,934,668.1
11/23/14	*		24,896	126	--	--	--	--	--	2,934,668.2
11/24/14	Technician		24,920	135	8	98	--	0.2	0.1	2,934,668.3
11/25/14	*		24,944	135	--	--	--	--	--	2,934,668.4
11/26/14	*		24,968	135	--	--	--	--	--	2,934,668.5
11/27/14	*		24,992	135	--	--	--	--	--	2,934,668.7
11/28/14	*		25,016	135	--	--	--	--	--	2,934,668.8
11/29/14	*		25,040	135	--	--	--	--	--	2,934,668.9
11/30/14	*		25,064	135	--	--	--	--	--	2,934,669.0

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	November	Quarter 4 to Date	April 1996 to Date
Mass	3.4	6.4	2,934,669.0

$$Vapor\text{-}Phase\ TPHg\ Mass\ [lb] = \left(Conc.\left[\frac{\mu g}{L}\right]\right) \bullet \left(\frac{28.32\ L}{ft^3}\right) \bullet \left(\frac{1\ g}{1,000,000\ \mu g}\right) \left(\frac{1 lb}{453.59\ g}\right) \bullet \left(Flow\ [scfm]\right) \bullet \left(\frac{60\ \min}{hr}\right) \bullet \left(OpTime\ [hrs]\right)$$

Legend / Notes:

1 = VES restarted.
2 = Collected monthly influent, after GAC-1, after GAC-2, and Effluent samples for laboratory analysis.

VES = Soil vapor extraction system
scfm = Standard cubic feet per minute
in. Hg = Inches of mercury
°F = Degrees Fahrenheit
ppmv = Parts per million by volume
lb = Pounds
A = Reading from chart recorder.
B = Concentrations obtained with a calibrated PID.
C = Concentrations correlated to and expressed as hexane.
D = Hydrocarbon removal is calculated using analytical laboratory results for TPHg (if not detected, half the detection limit is used) from samples collected on: 10/23/14 and 11/17/14 (laboratory reports attached).
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

Vapor extraction wells on line this month: VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7

TABLE 3c
Soil Vapor Extraction System Summary of Operations - December
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration with Dilution [B,C] (ppmv)	Field Process Concentration with Dilution [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase TPHg Removed [D] (lb)
12/01/14	Technician		25,088	131	8	100	--	--	--	2,934,669.1
12/02/14	*		25,112	131	--	--	--	--	--	2,934,669.3
12/03/14	Technician		25,136	111	8	94	--	--	--	2,934,669.4
12/04/14	*		25,160	111	--	--	--	--	--	2,934,669.5
12/05/14	Technician		25,184	130	8	96	--	0.1	0.7	2,934,669.6
12/06/14	*		25,208	130	--	--	--	--	--	2,934,669.7
12/07/14	*		25,232	130	--	--	--	--	--	2,934,669.8
12/08/14	*		25,256	130	--	--	--	--	--	2,934,669.9
12/09/14	*		25,280	130	--	--	--	--	--	2,934,670.0
12/10/14	Technician		25,303	138	8	100	--	--	--	2,934,670.2
12/11/14	*		25,327	138	--	--	--	--	--	2,934,670.3
12/12/14	Technician		25,352	110	8	80	--	0.2	0.3	2,934,670.4
12/13/14	*		25,376	110	--	--	--	--	--	2,934,670.5
12/14/14	*		25,400	110	--	--	--	--	--	2,934,670.6
12/15/14	*		25,424	110	--	--	--	--	--	2,934,670.7
12/16/14	*		25,448	110	--	--	--	--	--	2,934,670.8
12/17/14	Technician	1,2	25,472	137	8	98	2.4	0.5	1.2	2,934,670.9
12/18/14	*		25,496	137	--	--	--	--	--	2,934,671.0
12/19/14	*		25,520	137	--	--	--	--	--	2,934,671.1
12/20/14	*		25,544	137	--	--	--	--	--	2,934,671.3
12/21/14	*		25,568	137	--	--	--	--	--	2,934,671.4
12/22/14	Technician		25,592	131	8	106	--	--	--	2,934,671.5
12/23/14	*		25,616	131	--	--	--	--	--	2,934,671.6
12/24/14	*		25,640	131	--	--	--	--	--	2,934,671.7
12/25/14	*		25,664	131	--	--	--	--	--	2,934,671.9
12/26/14	*		25,688	131	--	--	--	--	--	2,934,672.0
12/27/14	*		25,712	131	--	--	--	--	--	2,934,672.1
12/28/14	*		25,736	131	--	--	--	--	--	2,934,672.2
12/29/14	Technician		25,760	139	8	96	--	--	--	2,934,672.3
12/30/14	*		25,784	139	--	--	--	--	--	2,934,672.5
12/31/14	Technician		25,808	141	8	90	--	0.1	0.0	2,934,672.6

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	December	Quarter 4 to Date	April 1996 to Date
Mass	3.6	10.0	2,934,672.6

$$Vapor\text{-}Phase\ TPHg\ Mass\ [lb] = \left(Conc.\left[\frac{\mu g}{L}\right]\right) \bullet \left(\frac{28.32\ L}{ft^3}\right) \bullet \left(\frac{1\ g}{1,000,000\ \mu g}\right) \left(\frac{1\ lb}{453.59\ g}\right) \bullet \left(Flow\ [scfm]\right) \bullet \left(\frac{60\ min}{hr}\right) \bullet \left(OpTime\ [hrs]\right)$$

Legend / Notes:

1 = Collected monthly influent, after GAC-1, after GAC-2, and Effluent samples for laboratory analysis.
2 = Measured individual well vapor concentrations with PID.

VES = Soil vapor extraction system
scfm = Standard cubic feet per minute
in. Hg = Inches of mercury
°F = Degrees Fahrenheit
ppmv = Parts per million by volume
lb = Pounds

A = Reading from chart recorder.
B = Concentrations obtained with a calibrated PID.
C = Concentrations correlated to and expressed as hexane.
D = Hydrocarbon removal is calculated using analytical laboratory results for TPHg (if not detected, half the detection limit is used) from samples collected on: 11/17/14 and 12/17/14 (laboratory reports attached).
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

Vapor extraction wells on line this month: VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7

TABLE 4
Historical Summary of Analytical Sampling Results - Influent Vapor
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Sample Date	Notes	VES Wells On Line	Laboratory Analysis Methods	TPHg Field PID Reading	TPHg		TPHg as Hexane		Benzene		Toluene		Ethylbenzene		o-Xylene		m,p-Xylenes		Total Xylenes		MTBE	
				(ppmv)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)
04/29/11		--	TO-3 & 8260B	--	--	--	**17**	**60**	**0.021**	**0.067**	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
05/27/11		--	TO-3 & 8260B	--	--	--	**13**	**46**	**0.021**	**0.067**	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
06/30/11		--	TO-3 & 8260B	--	--	--	**11**	**39**	**0.018**	**0.057**	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
07/27/11		--	TO-3 & 8260B	--	--	--	**8.6**	**31**	**0.013**	**0.042**	<0.0050	<0.019	**0.012**	**0.052**	--	--	--	--	**0.013**	**0.056**	<0.010	<0.036
08/26/11		--	TO-3 & 8260B	--	--	--	**7.8**	**28**	**0.012**	**0.038**	<0.0050	<0.019	**0.020**	**0.087**	--	--	--	--	**0.0264**	**0.115**	<0.010	<0.036
09/30/11		--	TO-3 & 8260B	--	--	--	**6.9**	**25**	**0.012**	**0.038**	<0.0050	<0.019	**0.011**	**0.048**	--	--	--	--	**0.011**	**0.048**	<0.010	<0.036
10/28/11		--	TO-3 & 8260B	--	--	--	**5.4**	**19**	**0.011**	**0.035**	<0.0050	<0.019	**0.015**	**0.065**	--	--	--	--	**0.028**	**0.12**	<0.010	<0.036
11/30/11		--	TO-3 & 8260B	--	--	--	**8.5**	**30**	**0.012**	**0.038**	<0.0050	<0.019	**0.0067**	**0.029**	--	--	--	--	**0.010**	**0.043**	<0.010	<0.036
12/28/11		--	TO-3 & 8260B	--	--	--	**8.6**	**31**	**0.024**	**0.077**	**0.0075**	**0.028**	**0.0096**	**0.042**	--	--	--	--	**0.022**	**0.095**	<0.010	<0.036
01/26/12		--	TO-3 & 8260B	--	--	--	**3.7**	**13**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
02/24/12		--	TO-3 & 8260B	--	--	--	**4.6**	**16**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
03/28/12		--	TO-3 & 8260B	--	--	--	**4.1**	**15**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
04/27/12		--	TO-3 & 8260B	--	--	--	**3.6**	**13**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
05/31/12		--	TO-3 & 8260B	--	--	--	**6.5**	**23**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
06/28/12		--	TO-3 & 8260B	--	--	--	**5.3**	**19**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
07/26/12		--	TO-3 & 8260B	4.1	--	--	**4.1**	**15**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
08/31/12		--	TO-3 & 8260B	1.5	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
09/27/12		--	TO-3 & 8260B	1.5	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
10/30/12		--	TO-3 & 8260B	1.5	--	--	**6.1**	**22**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
11/26/12		--	TO-3 & 8260B	4.2	--	--	**4.2**	**15**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
12/19/12		--	TO-3 & 8260B	3.2	--	--	**3.2**	**11**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
01/31/13		--	TO-3 & 8260B	4.6	--	--	**4.6**	**16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/27/13		--	TO-3 & 8260B	4.5	--	--	**4.5**	**16**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
03/28/13		--	TO-3 & 8260B	6.7	--	--	**6.7**	**24**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
04/22/13		--	TO-3 & 8260B	5.4	--	--	**5.4**	**19**	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
07/29/13		--	TO-3 & 8260B	1.5	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
08/12/13		--	TO-3 & 8260B	--	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
10/30/13		--	TO-3 & 8260B	3.0	--	--	**3.0**	**11**	**0.014**	**0.045**	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
11/27/13		--	TO-3 & 8260B	1.5	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	**0.015**	**0.065**	<0.010	<0.036
12/19/13		--	TO-3 & 8260B	1.5	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	--	--	--	--	<0.015	<0.065	<0.010	<0.036
03/21/14		--	TO-3 & 8260B	1.5	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	<0.0050	<0.022	<0.010	<0.043	<0.015	<0.065	<0.010	<0.036

TABLE 4
Historical Summary of Analytical Sampling Results - Influent Vapor
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Sample Date	Notes	VES Wells On Line	Laboratory Analysis Methods	TPHg Field PID Reading	TPHg		TPHg as Hexane		Benzene		Toluene		Ethylbenzene		o-Xylene		m,p-Xylenes		Total Xylenes		MTBE	
				(ppmv)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)
04/23/14		VEW-32, VEW-33, VEW-34, VEW-35, VEW-36 VEW-37, HW-1, HW-3, HW-5, HW-7	TO-3 & 8260B	1.9	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	<0.0050	<0.022	<0.010	<0.043	<0.015	<0.065	<0.010	<0.036
05/16/14	1	VEW-32, VEW-33, VEW-34, VEW-35, VEW-36 VEW-37, HW-1, HW-3, HW-5, HW-7	TO-3 & 8260B	1.1	--	--	<3.0	<11	<0.0050	<0.016	<0.0050	<0.019	<0.0050	<0.022	<0.0050	<0.022	<0.010	<0.043	<0.015	<0.065	<0.010	<0.036
07/09/14	2	VEW-32, VEW-33, VEW-34, VEW-35, VEW-36 VEW-37, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	24	**6.1**	**25**	**7.0**	**25**	<0.16	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.3	<1.5	<0.6	<2.0
08/13/14		VEW-32, VEW-33, VEW-34, VEW-35, VEW-36 VEW-37, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	27	**7.3**	**30**	**8.4**	**30**	<0.16	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.3	<1.5	<0.6	<2.0
09/17/14	3	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	5.6	<4.9	<20	<5.6	<20	<0.16	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.3	<1.5	<0.6	<2.0
10/23/14	4	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	1.2	<4.9	<20	<5.6	<20	<0.16	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.3	<1.5	<0.6	<2.0
11/17/14	5	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	1.3	<4.9	<20	<5.6	<20	<0.16	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.3	<1.5	<0.6	<2.0
12/17/14		VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	0.5	<4.9	<20	<5.6	<20	<0.16	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.3	<1.5	<0.6	<2.0

Legend / Notes:

Data collected prior to April 2014 not verified for completeness nor accuracy.
VES = Soil vapor extraction system
TPHg = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tertiary-butyl ether
ppmv = Parts per million by volume
µg/L = Micrograms per liter
<1 = Not detected at or above the Method Reporting Limit (MRL) shown.
-- = Not available or not analyzed

1 = VES manually shut down on 05/29/14.
2 = VES restarted.
3 = Closed vapor extraction wells VEW-35, VEW-36, and VEW-37 on 08/27/14.
4 = VES manually shut down.
5 = VES restarted on 11/03/14.

TABLE 5
Historical Summary of Analytical Sampling Results - Influent Groundwater
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Sample Date	Notes	GWETS Wells On Line	Laboratory Analysis Methods	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	TBA	MTBE	DIPE	ETBE	TAME
				(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
04/22/08		--	--	--	--	**71**	**25**	**17**	**42**	**30**	**14**	**4.6**	<2.0	<2.0	<2.0
05/01/08		--	--	**810**	--	--	--	--	--	--	--	--	--	--	--
05/16/08		--	--	**760**	--	--	--	--	--	--	--	--	--	--	--
06/12/08		--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	**25**	**7.7**	<2.0	<2.0	<2.0
07/19/08		--	--	**170**	<100	**27**	**0.77**	**7.0**	**13**	**7.9**	<10	**3.9**	<2.0	<2.0	<2.0
09/03/08		--	--	--	--	--	--	--	--	--	<10	--	--	--	--
09/08/08		--	--	--	--	**27**	**0.99**	**8.3**	**13**	**8.2**	<10	**3.1**	<2.0	<2.0	<2.0
09/15/08		--	--	--	--	**36**	**0.81**	**8.5**	**12**	**6.8**	<10	**3.8**	<2.0	<2.0	<2.0
11/13/08		--	--	--	--	**27**	<0.50	**2.0**	**12**	**5.6**	<10	<0.50	<2.0	<2.0	<2.0
11/26/08		--	--	--	--	<0.50	<0.50	<0.50	**1.3**	**0.61**	**16**	**5.6**	<2.0	<2.0	<2.0
12/13/08		--	--	--	--	<0.50	<0.50	**0.56**	**1.1**	**0.54**	**19**	**7.0**	<2.0	<2.0	<2.0
01/09/09		--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<2.0	<2.0	<2.0
03/05/09		--	--	<100	--	**21**	<0.50	**2.5**	**7.2**	**3.1**	**12**	**3.1**	<2.0	<2.0	<2.0
03/18/09		--	--	**200**	**170**	**21**	<0.50	**2.9**	**7.0**	**4.5**	**13**	**3.3**	<2.0	<2.0	<2.0
05/15/09		--	--	<100	--	--	--	--	--	--	--	--	--	--	--
06/04/09		--	--	**190**	--	**26**	<0.50	**3.3**	**10**	**6.6**	<10	**4.8**	<2.0	<2.0	<2.0
06/24/09		--	--	--	--	**28**	<0.50	**2.5**	**7.6**	**4.2**	**12**	**4.4**	<2.0	<2.0	<2.0
05/28/09		--	--	**170**	--	**27**	<0.50	**2.6**	**7.9**	**4.5**	<10	**3.6**	<2.0	<2.0	<2.0
11/19/09		--	--	<100	--	**15**	<0.50	**1.3**	**5.8**	**2.9**	**5.6**	**2.3**	**1.2**	<2.0	<2.0
10/26/10		--	--	--	--	**20**	<0.50	**1.6**	**7.4**	**2.1**	**8.0**	**2.9**	**1.1**	<2.0	<2.0
06/01/11		--	--	**90**	--	--	--	--	--	--	--	--	--	--	--
07/14/11		--	--	--	--	**13**	<0.50	**2.3**	**6.2**	**3.0**	**6.7**	**1.6**	<2.0	<2.0	<2.0
09/13/11		--	--	--	--	**5.0**	<0.50	**0.37**	**3.4**	**0.99**	<10	**1.3**	<2.0	<2.0	<2.0
09/22/11		--	--	--	--	**5.5**	<0.50	**0.92**	**7.2**	**1.6**	**5.6**	**1.1**	<2.0	<2.0	<2.0
10/19/11		--	--	--	--	**8.2**	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<2.0	<2.0	<2.0
01/20/12		--	--	--	--	**14**	<0.50	**2.8**	**7.8**	**1.2**	**16**	**1.3**	**0.42**	<2.0	<2.0
02/03/12		--	--	**120**	**340**	--	--	--	--	--	--	--	--	--	--
02/17/12		--	--	--	--	**10**	<0.50	**1.5**	**7.4**	**1.2**	**15**	**1.2**	**0.39**	<2.0	<2.0
02/24/12		--	--	**180**	--	**26**	<0.50	**1.0**	**7.0**	**1.2**	<10	**1.2**	**0.41**	<2.0	<2.0

TABLE 5
Historical Summary of Analytical Sampling Results - Influent Groundwater
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Sample Date	Notes	GWETS Wells On Line	Laboratory Analysis Methods	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	TBA	MTBE	DIPE	ETBE	TAME
				(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
03/02/12		--	--	--	--	**23**	<0.50	**1.4**	**11**	**2.4**	**8.7**	**1.4**	**0.47**	<2.0	<2.0
03/06/12		--	--	--	--	**28**	<0.50	**1.0**	**9.0**	**1.7**	**13**	**1.1**	**0.37**	<2.0	<2.0
06/15/12		--	--	--	--	**39**	**13**	**17**	**88**	**26**	<10	**1.3**	**0.52**	<2.0	<2.0
08/31/12		--	--	**820**	**940**	--	--	--	--	--	--	--	--	--	--
09/27/12		--	--	**5,300**	**3,800**	--	--	--	--	--	--	--	--	--	--
10/23/12		--	--	--	--	**67**	**60**	**110**	**460**	**140**	<10	<0.50	<2.0	<2.0	<2.0
01/31/13		--	--	**3,600**	--	--	--	--	--	--	--	--	--	--	--
05/01/13		--	--	**6,300**	**5,500**	**20**	**4.7**	**8.0**	**41**	**14**	**4.8**	**0.56**	<2.0	<2.0	<2.0
07/12/13		--	--	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<2.0	<2.0	<2.0
08/20/13		--	--	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<2.0	<2.0	<2.0
12/19/13		--	--	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<2.0	<2.0	<2.0
02/07/14		--	--	**1,500**	**2,300**	--	--	--	--	--	--	--	--	--	--
03/21/14		--	--	--	--	**61**	**5.1**	**23**	**150**	**45**	<10	**0.87**	<2.0	<2.0	<2.0
05/29/14	1	--	8015M & 8260B	--	--	**29**	**1.0**	**30**	**180**	**45**	<10	**1.0**	<2.0	<2.0	<2.0
07/09/14	2	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**720**	**1,800**	**82**	**3.8**	**27**	**110**	**31**	<7.0	<0.40	<0.50	<0.40	<0.30
08/13/14		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**150**	**1,500**	**57**	**3.7**	**30**	**130**	**36**	<7.0	**0.77**	<0.50	<0.40	<0.30
09/17/14		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**800**	**3,500**	**23**	**0.73**	**20**	**170**	**40**	<7.0	**0.83**	<0.50	<0.40	<0.30
10/20/14		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**560**	**3,600**	**31**	**2.2**	**40**	**240**	**54**	<7.0	**0.6**	<0.50	<0.40	<0.30
11/17/14	3,4,1	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**260**	**1,400**	**21**	**0.71**	**10**	**62**	**18**	<7.0	<0.40	<0.50	<0.40	<0.30
12/17/14	4,1	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**190**	**880**	**23**	**0.66**	**8.8**	**48**	**14**	<7.0	<0.40	<0.50	<0.40	<0.30

Legend / Notes:

Data collected prior to July 2014 not verified for completeness nor accuracy.
GWETS = Groundwater extraction and treatment system
TPHd = Total petroleum hydrocarbons as diesel
TPHg = Total petroleum hydrocarbons as gasoline
TBA = tertiary-Butyl alcohol
MTBE = Methyl tertiary-butyl ether
DIPE = Diisopropyl ether
ETBE = Ethyl tertiary-butyl ether
TAME = tertiary-Amyl-methyl ether
µg/L = Micrograms per liter
<1 = Not detected at or above the Method Reporting Limit (MRL) shown. Beginning 07/09/14, not detected at or above the Method Detection Limit (MDL) shown.
-- = Not available or not analyzed

1 = GWETS manually shut down.
2 = GWETS restarted on 07/02/14.
3 = GWETS manually shut down on 11/11/14.
4 = GWETS restarted.

TABLE 6
Historical Summary of Field Sampling Readings - Individual Well Vapor
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Notes	VES Wells On Line	Well GRO Concentration (ppmv) / Screen Interval in Feet Below Grade									
			HW-1	HW-3	HW-5	HW-7	VEW-32	VEW-33	VEW-34	VEW-35	VEW-36	VEW-37
			25	25	25	25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25
07/09/14	1	VEW-32, VEW-33, VEW-34, VEW-35, VEW-36, VEW-37, HW-1, HW-3, HW-5, HW-7	68.5	4,176.0	139.9	19.7	153.8	10.4	4.2	5.5	6.4	20.3
07/18/14		VEW-32, VEW-33, VEW-34, VEW-35, VEW-36, VEW-37, HW-1, HW-3, HW-5, HW-7	73.7	15,000.0	4,000.0	20.5	133.7	5.6	3.3	2.1	4.1	17.6
08/27/14	2	VEW-32, VEW-33, VEW-34, VEW-35, VEW-36, VEW-37, HW-1, HW-3, HW-5, HW-7	0.8	4.5	3.6	0.1	6.3	0.4	0.4	0.2	0.0	0.0
08/27/14	3	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	2.1	145.6	2.5	0.3	173.7	0.2	0.0	--	--	--
10/23/14		VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	3.3	1.8	2.9	20.0	191.4	22.2	8.0	27.5	9.1	150.7
12/17/14		VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	0.0	0.0	0.0	0.2	62.3	36.7	2.0	15.3	24.0	10.5

Legend / Notes:

GRO = Gasoline range organics
ppmv = Parts per million by volume
Concentrations measured using calibrated field PID (Mini Rae calibrated to Hexane).
-- = Not measured, well off line
1 = Initial readings on system restart (off line since manually shut down on 05/29/14).
2 = Readings prior to well optimization.
3 = Readings following well optimization.

TABLE 7
Historical Summary of Analytical Sampling Results - Individual Well Vapor
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Well ID	Sample Date	Notes	Laboratory Analysis Methods	GRO Field Reading [A]	GRO		Benzene		Toluene		Ethylbenzene		o-Xylene		m,p-Xylenes		MTBE	
				(ppmv)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)	(ppmv)	(µg/L)
HW-1	07/09/14	1	8015M & 8260M	69	**23**	**96**	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	3	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
HW-3	07/09/14	1	8015M & 8260M	4,176	**2,055**	**8,400**	**3**	**10**	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	2	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
HW-5	07/09/14	1	8015M & 8260M	140	**46**	**190**	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	3	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
HW-7	07/09/14	1	8015M & 8260M	20	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	20	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
VEW-32	07/09/14	1	8015M & 8260M	154	**132**	**540**	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	191	**19**	**76**	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
VEW-33	07/09/14	1	8015M & 8260M	10	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	22	**7**	**27**	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
VEW-34	07/09/14	1	8015M & 8260M	4	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	8	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
VEW-35	07/09/14	1	8015M & 8260M	6	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	28	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
VEW-36	07/09/14	1	8015M & 8260M	6	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	9	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
VEW-37	07/09/14	1	8015M & 8260M	20	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14		8015M & 8260M	151	**13**	**53**	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0

Legend / Notes:

GRO = Gasoline range organics
MTBE = Methyl tertiary-butyl ether
ppmv = Parts per million by volume
µg/L = Micrograms per liter
<0.6 = Not detected at or above the method reporting limit (MRL) shown.
A = Concentration measured using calibrated field PID (Mini Rae calibrated to Hexane).
-- = Not Analyzed
1 = Samples collected on system restart (off line since manually shut down on 05/29/14).

TABLE 8a
Summary of LNAPL Removal in GMW-62 - 4th Quarter 2014
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Purged with Vacuum Truck (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed with Vacuum Truck [A] (gallons)	Cumulative LNAPL Removed with Vacuum Truck [A] (pounds)
12/18/14	31.08	36.50	5.42	1.0	No Sock in Well	No Sock in Well	49.5	338.7
12/29/14 [1]	30.86	35.91	5.05	1.0	No Sock in Well	No Sock in Well	50.5	345.6
Cumulative for the Reporting Period:				**2.0**	**0.0**	**0.0**	**2.0**	**13.7**
Cumulative Beginning January 2014 [A]:				**50.5**	**0.0**	**0.0**	**50.5**	**345.6**

Legend / Notes:
LNAPL = Light non-aqueous phase liquids
feet btc = Feet below top of casing
Sock = LNAPL absorbent sock
-- = Not applicable
A = Cumulative LNAPL removed since January 2014. LNAPL removed prior to January 2014 can be found in previously submitted Remediation Progress Reports.
1 = LNAPL was purged using a Geotech Product Recovery Canister Passive Skimmer.

TABLE 8b
Summary of LNAPL Removal in GMW-4 - 4th Quarter 2014
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed with Socks [A] (gallons)	Cumulative LNAPL Removed with Socks [A] (pounds)
10/03/14	31.41	31.43	0.02	No Sock in Well	No Sock in Well	0.0	0.0
10/10/14	31.41	31.43	0.02	No Sock in Well	No Sock in Well	0.0	0.0
10/17/14	31.40	31.42	0.02	No Sock in Well	No Sock in Well	0.0	0.0
10/23/14	31.37	31.39	0.02	No Sock in Well	No Sock in Well	0.0	0.0
10/31/14	31.37	31.39	0.02	No Sock in Well	No Sock in Well	0.0	0.0
11/07/14	31.42	31.44	0.02	No Sock in Well	No Sock in Well	0.0	0.0
11/14/14	31.43	31.46	0.03	No Sock in Well	No Sock in Well	0.0	0.0
11/21/14	31.40	31.42	0.02	No Sock in Well	No Sock in Well	0.0	0.0
12/01/14	31.37	31.39	0.02	No Sock in Well	No Sock in Well	0.0	0.0
12/10/14	31.57	31.59	0.02	No Sock in Well	No Sock in Well	0.0	0.0
12/18/14	31.68	31.71	0.03	No Sock in Well	No Sock in Well	0.0	0.0
12/29/14	31.56	31.58	0.02	No Sock in Well	No Sock in Well	0.0	0.0
Cumulative for the Reporting Period:				**0.0**	**0.0**	**0.0**	**0.0**
Cumulative [A]:				**0.0**	**0.0**	**0.0**	**0.0**

Legend / Notes:
LNAPL = Light non-aqueous phase liquids
feet btc = Feet below top of casing
Sock = LNAPL absorbent sock
-- = Not applicable
A = Cumulative LNAPL removed since January 2014. LNAPL removed prior to January 2014 can be found in previously submitted Remediation Progress Reports.

TABLE 8c
Summary of LNAPL Removal in GMW-21 - 4th Quarter 2014
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Purged with Vacuum Truck (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed with Vacuum Truck and Socks [A] (gallons)	Cumulative LNAPL Removed with Vacuum Truck and Socks [A] (pounds)
10/03/14	--	32.45	0.00	0.0	24.0	28.1	13.8	94.7
10/10/14	--	32.43	0.00	0.0	28.0	32.7	14.1	96.5
10/17/14	--	32.40	0.00	0.0	52.0	60.8	14.6	99.7
10/23/14	--	32.42	0.00	0.0	24.0	28.1	14.8	101.2
10/31/14	--	32.41	0.00	0.0	28.0	32.7	15.0	103.0
11/07/14	--	32.46	0.00	0.0	52.0	60.8	15.5	106.2
11/14/14	--	32.48	0.00	0.0	48.0	56.1	15.5	106.0
11/21/14	--	32.46	0.00	0.0	36.0	42.1	15.9	108.5
12/01/14	--	32.43	0.00	0.0	32.0	37.4	16.1	110.5
12/10/14	--	32.45	0.00	0.0	44.0	51.4	16.5	113.2
12/18/14	--	32.49	0.00	0.0	40.0	46.8	16.9	115.7
12/29/14	--	32.48	0.00	0.0	36.0	42.1	17.2	118.0

Cumulative for the Reporting Period:	**0.0**	**444.0**	**519.0**	**3.6**	**24.7**
Cumulative [A]:	**5.0**	**1,388.0**	**1,622.4**	**17.2**	**118.0**

Legend / Notes:
LNAPL = Light non-aqueous phase liquids
feet btc = Feet below top of casing
Sock = LNAPL absorbent sock (approximately 18" long with 3" diameter)
-- = Not applicable
A = Cumulative LNAPL removed since January 2014. LNAPL removed prior to January 2014 can be found in previously submitted Remediation Progress Reports.

TABLE 8d
Summary of LNAPL Removal in MW-15 - 4th Quarter 2014
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed with Socks [A] (gallons)	Cumulative LNAPL Removed with Socks [A] (pounds)
10/03/14	--	33.13	0.00	20.0	23.4	2.0	13.5
10/10/14	--	33.17	0.00	24.8	29.0	2.2	15.0
10/17/14	--	33.14	0.00	56.0	65.5	2.7	18.5
10/23/14	--	33.14	0.00	28.0	32.7	3.0	20.3
10/31/14	--	33.33	0.00	24.0	28.1	3.2	21.8
11/07/14	--	33.13	0.00	48.0	56.1	3.6	24.8
11/14/14	--	33.17	0.00	44.0	51.4	4.0	27.5
11/21/14	--	33.11	0.00	44.0	51.4	4.4	30.3
12/01/14	--	33.09	0.00	36.0	42.1	4.8	32.5
12/10/14	Sheen	33.25	Sheen	56.0	65.5	5.3	36.0
12/18/14	33.32	33.34	0.02	36.0	42.1	5.6	38.3
12/29/14	33.17	33.21	0.04	No Sock in Well	No Sock in Well	5.6	38.3

Cumulative for the Reporting Period:	**416.8**	**487.2**	**3.8**	**26.0**
Cumulative [A]:	**612.8**	**716.3**	**5.6**	**38.3**

Legend / Notes:
LNAPL = Light non-aqueous phase liquids
feet btc = Feet below top of casing
Sock = LNAPL absorbent sock
-- = Not applicable
A = Cumulative LNAPL removed since January 2014. LNAPL removed prior to January 2014 can be found in previously submitted Remediation Progress Reports.

TABLE 8e
Summary of LNAPL Removal in PZ-3 - 4th Quarter 2014
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed with Socks [A] (gallons)	Cumulative LNAPL Removed with Socks [A] (pounds)
10/03/14	--	32.48	0.00	NM	NM	0.1	0.5
10/10/14	--	32.44	0.00	NM	NM	0.1	0.5
10/17/14	--	32.42	0.00	NM	NM	0.1	0.5
10/23/14	--	32.43	0.00	NM	NM	0.1	0.5
10/31/14	--	32.41	0.00	8.0	9.4	0.1	1.0
11/07/14	--	32.46	0.00	NM	NM	0.1	1.0
11/14/14	--	32.49	0.00	NM	NM	0.1	1.0
11/21/14	--	32.46	0.00	NM	NM	0.1	1.0
12/01/14	--	32.44	0.00	NM	NM	0.1	1.0
12/10/14	--	32.47	0.00	NM	NM	0.1	1.0
12/18/14	--	32.53	0.00	NM	NM	0.1	1.0
12/29/14	--	32.48	0.00	NM	NM	0.1	1.0

Cumulative for the Reporting Period:	**8.0**	**9.4**	**0.1**	**0.5**
Cumulative [A]:	**15.5**	**18.1**	**0.1**	**1.0**

Legend / Notes:
LNAPL = Light non-aqueous phase liquids
feet btc = Feet below top of casing
Sock = LNAPL absorbent sock (approximately 18" long with 1" diameter)
-- = Not applicable
NM = Not measured, sock redeployed in well due to minimal LNAPL on the sock
A = Cumulative LNAPL removed since January 2014. LNAPL removed prior to January 2014 can be found in previously submitted Remediation Progress Reports.

TABLE 8f
Summary of LNAPL Removal in TF-18 - 4th Quarter 2014
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Purged with Vacuum Truck (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed with Vacuum Truck and Socks [A] (gallons)	Cumulative LNAPL Removed with Vacuum Truck and Socks [A] (pounds)
10/03/14	29.57	30.98	1.41	0.0	80.0	93.5	52.0	355.5
10/03/14	29.54	30.91	1.37	0.0	76.0	88.8	52.6	360.3
10/03/14	29.53	30.81	1.28	0.0	80.0	93.5	53.4	365.3
10/10/14	29.53	30.93	1.40	0.0	80.0	93.5	54.1	370.3
10/10/14	29.52	30.87	1.35	0.0	84.0	98.2	54.9	375.5
10/10/14	29.52	30.82	1.30	0.0	84.0	98.2	55.6	380.8
10/17/14	29.52	30.92	1.40	0.0	84.0	98.2	56.4	386.0
10/23/14	29.52	30.92	1.40	0.0	80.0	93.5	57.1	391.0
10/31/14	29.48	30.91	1.43	0.0	80.0	93.5	57.9	396.0
11/07/14	29.58	31.02	1.44	0.0	76.0	88.8	58.6	400.8
11/14/14	29.57	31.02	1.45	0.0	76.0	88.8	59.3	405.5
11/21/14	29.55	30.93	1.38	0.0	84.0	98.2	60.0	410.8
12/01/14	29.50	30.91	1.41	0.0	80.0	93.5	60.8	415.8
12/10/14	29.57	30.96	1.39	0.0	80.0	93.5	61.5	420.8
12/18/14	29.65	31.05	1.40	0.0	88.0	102.9	62.3	426.3
12/29/14	29.56	31.03	1.47	0.0	84.0	98.2	63.1	431.5

Cumulative for the Reporting Period:	**0.0**	**1,296.0**	**1,514.9**	**11.8**	**81.0**
Cumulative [A]:	**28.8**	**3,752.0**	**4,385.7**	**63.1**	**431.5**

Legend / Notes:
LNAPL = Light non-aqueous phase liquids
feet btc = Feet below top of casing
Sock = LNAPL absorbent sock (approximately 18" long with 3" diameter)
-- = Not applicable
A = Cumulative LNAPL removed since January 2014. LNAPL removed prior to January 2014 can be found in previously submitted Remediation Progress Reports.
1 = LNAPL was purged using a Geotech Product Recovery Canister Passive Skimmer.

APPENDIX A

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

AMERICAN ANALYTICS

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

October 30, 2014

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GWETS NPDES Monthly / 04-NDLA-001

A5331133 / 4J20005

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/20/14 17:10 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 GWETS NPDES Monthly

AA Project No: A5331133
Date Received: 10/20/14
Date Reported: 10/30/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	4J20005-01	Water	5	10/20/14 11:00	10/20/14 17:10
After GAC-1	4J20005-02	Water	5	10/20/14 10:54	10/20/14 17:10
After GAC-2	4J20005-03	Water	5	10/20/14 10:50	10/20/14 17:10
Arsenic Total EPA 200.7					
Surge Tank	4J20005-01	Water	5	10/20/14 11:00	10/20/14 17:10
After Bed-1	4J20005-04	Water	5	10/20/14 10:57	10/20/14 17:10
Diesel Range Organics 8015M					
Surge Tank	4J20005-01	Water	5	10/20/14 11:00	10/20/14 17:10
After GAC-1	4J20005-02	Water	5	10/20/14 10:54	10/20/14 17:10
After GAC-2	4J20005-03	Water	5	10/20/14 10:50	10/20/14 17:10

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: TPHG/BTEX/Oxygenates by GC/MS

AA Project No: A5331133
Date Received: 10/20/14
Date Reported: 10/30/14
Units: ug/L

Date Sampled:	10/20/14	10/20/14	10/20/14		
Date Prepared:	10/23/14	10/23/14	10/23/14		
Date Analyzed:	10/23/14	10/23/14	10/23/14		
AA ID No:	4J20005-01	4J20005-02	4J20005-03		
Client ID No:	Surge Tank	After GAC-1	After GAC-2		
Matrix:	Water	Water	Water		
Dilution Factor:	1	1	1	MDL	MRL
8260B TPHGASOLINEBTEXOXY (EPA 8260B)					
tert-Amyl Methyl Ether (TAME)	<0.30	<0.30	<0.30	0.30	2.0
Benzene	**31**	<0.20	<0.20	0.20	0.50
tert-Butyl alcohol (TBA)	<7.0	<7.0	<7.0	7.0	10
Diisopropyl ether (DIPE)	<0.50	<0.50	<0.50	0.50	2.0
Ethylbenzene	**40**	<0.20	<0.20	0.20	0.50
Ethyl-tert-Butyl Ether (ETBE)	<0.40	<0.40	<0.40	0.40	2.0
Gasoline Range Organics (GRO)	**3600**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	**0.60 J**	<0.40	<0.40	0.40	2.0
Toluene	**2.2**	<0.30	<0.30	0.30	0.50
o-Xylene	**54**	<0.30	<0.30	0.30	0.50
m,p-Xylenes	**240**	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	92%	98%	99%		70-140
Dibromofluoromethane	92%	95%	96%		70-140
Toluene-d8	101%	101%	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 GWETS NPDES Monthly
Method: Diesel Range Organics by GC/FID

AA Project No: A5331133
Date Received: 10/20/14
Date Reported: 10/30/14
Units: ug/L

Date Sampled:	10/20/14	10/20/14	10/20/14		
Date Prepared:	10/24/14	10/24/14	10/24/14		
Date Analyzed:	10/25/14	10/25/14	10/25/14		
AA ID No:	4J20005-01	4J20005-02	4J20005-03		
Client ID No:	Surge Tank	After GAC-1	After GAC-2		
Matrix:	Water	Water	Water		
Dilution Factor:	1	1	1	MDL	MRL
Diesel Range Organics 8015M (EPA 8015M)					
Diesel Range Organics as Diesel	**560**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	75%	80%	79%	50-150	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Total Metals by ICP Atomic Emission Spectroscopy

AA Project No: A5331133
Date Received: 10/20/14
Date Reported: 10/30/14

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
4J20005-01	Surge Tank	10/20/14	10/23/14	10/23/14	1	**0.053**	mg/L	0.006	0.007
4J20005-04	After Bed-1	10/20/14	10/23/14	10/23/14	1	<0.0060	mg/L	0.006	0.007

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331133
Date Received: 10/20/14
Date Reported: 10/30/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS - Quality Control										
Batch B4J2310 - EPA 5030B										
Blank (B4J2310-BLK1)				Prepared & Analyzed: 10/23/14						
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L							
Benzene	<0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L							
Ethylbenzene	<0.20	0.20	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L							
Gasoline Range Organics (GRO)	<40	40	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L							
Toluene	<0.30	0.30	ug/L							
o-Xylene	<0.30	0.30	ug/L							
m,p-Xylenes	<0.40	0.40	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50*		*98.7*	*70-140*			
Surrogate: Dibromofluoromethane	*49.2*		*ug/L*	*50*		*98.4*	*70-140*			
Surrogate: Toluene-d8	*49.6*		*ug/L*	*50*		*99.2*	*70-140*			
LCS (B4J2310-BS1)				Prepared & Analyzed: 10/23/14						
Benzene	**19.6**	0.20	ug/L	20		98.0	75-125			
Ethylbenzene	**20.8**	0.20	ug/L	20		104	75-125			
Methyl-tert-Butyl Ether (MTBE)	**21.7**	0.40	ug/L	20		108	70-135			
Toluene	**21.6**	0.30	ug/L	20		108	75-125			
o-Xylene	**19.4**	0.30	ug/L	20		97.2	75-125			
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/L*	*50*		*95.9*	*70-140*			
Surrogate: Dibromofluoromethane	*49.2*		*ug/L*	*50*		*98.5*	*70-140*			
Surrogate: Toluene-d8	*49.1*		*ug/L*	*50*		*98.1*	*70-140*			
Matrix Spike (B4J2310-MS1)				**Source: 4J20004-01** Prepared & Analyzed: 10/23/14						
Benzene	**19.7**	0.20	ug/L	20		98.5	70-130			
Ethylbenzene	**21.5**	0.20	ug/L	20		108	70-130			
Methyl-tert-Butyl Ether (MTBE)	**17.0**	0.40	ug/L	20		84.8	70-130			
Toluene	**21.0**	0.30	ug/L	20		105	70-130			
Surrogate: 4-Bromofluorobenzene	*48.4*		*ug/L*	*50*		*96.9*	*70-140*			
Surrogate: Dibromofluoromethane	*48.4*		*ug/L*	*50*		*96.7*	*70-140*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331133
Date Received: 10/20/14
Date Reported: 10/30/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS - Quality Control										
Batch B4J2310 - EPA 5030B										
Matrix Spike (B4J2310-MS1) Continued				**Source: 4J20004-01**			Prepared & Analyzed: 10/23/14			
Surrogate: Toluene-d8	*51.2*		*ug/L*	*50*		*102*	*70-140*			
Matrix Spike Dup (B4J2310-MSD1)				**Source: 4J20004-01**			Prepared & Analyzed: 10/23/14			
Benzene	**19.8**	0.20	ug/L	20		99.0	70-130	0.456	30	
Ethylbenzene	**21.2**	0.20	ug/L	20		106	70-130	1.50	30	
Methyl-tert-Butyl Ether (MTBE)	**16.8**	0.40	ug/L	20		83.8	70-130	1.13	30	
Toluene	**20.9**	0.30	ug/L	20		104	70-130	0.621	30	
Surrogate: 4-Bromofluorobenzene	*48.5*		*ug/L*	*50*		*96.9*	*70-140*			
Surrogate: Dibromofluoromethane	*49.2*		*ug/L*	*50*		*98.5*	*70-140*			
Surrogate: Toluene-d8	*51.0*		*ug/L*	*50*		*102*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B4J2402 - EPA 3510C										
Blank (B4J2402-BLK1)							Prepared: 10/24/14 Analyzed: 10/25/14			
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*33.2*		*ug/L*	*40*		*83.0*	*50-150*			
LCS (B4J2402-BS1)							Prepared: 10/24/14 Analyzed: 10/25/14			
Diesel Range Organics as Diesel	**601**	60	ug/L	800		75.1	75-125		30	
Surrogate: o-Terphenyl	*34.6*		*ug/L*	*40*		*86.6*	*50-150*			
LCS Dup (B4J2402-BSD1)							Prepared: 10/24/14 Analyzed: 10/25/14			
Diesel Range Organics as Diesel	**608**	60	ug/L	800		76.0	75-125	1.25	30	
Surrogate: o-Terphenyl	*31.0*		*ug/L*	*40*		*77.4*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B4J2302 - EPA 3010A										
Blank (B4J2302-BLK1)							Prepared & Analyzed: 10/23/14			
Arsenic	<0.0060	0.0060	mg/L							
LCS (B4J2302-BS1)							Prepared & Analyzed: 10/23/14			
Arsenic	**0.206**	0.0060	mg/L	0.20		103	80-120		20	
LCS Dup (B4J2302-BSD1)							Prepared & Analyzed: 10/23/14			
Arsenic	**0.199**	0.0060	mg/L	0.20		99.5	80-120	3.55	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331133
Date Received: 10/20/14
Date Reported: 10/30/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B4J2302 - EPA 3010A										
Duplicate (B4J2302-DUP1)		**Source: 4J20005-04**		Prepared & Analyzed: 10/23/14						
Arsenic	**<0.0060**	0.0060	mg/L		<0.0070				30	
Matrix Spike (B4J2302-MS1)		**Source: 4J20004-01**		Prepared & Analyzed: 10/23/14						
Arsenic	**0.247**	0.0060	mg/L	0.20		124	75-125		20	
Matrix Spike Dup (B4J2302-MSD1)		**Source: 4J20004-01**		Prepared & Analyzed: 10/23/14						
Arsenic	**0.228**	0.0060	mg/L	0.20		114	75-125	8.18	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331133
Project No:	04-NDLA-001	**Date Received:**	10/20/14
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	10/30/14

Special Notes

J : Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

121046

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

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 04-SDLA	**Sampler's Name:** Glenn Androsko	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Androsko	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:** 04-NDLA-001	
Fax: 569-597-1070	**State & Zip:** CA 90650	**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.	AA I.D.	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	Special Instructions
						Please enter the TAT Turnaround Codes ** below			
Surge Tank	4J20005-01	10-20-14	1100	Water	5	✓	✓	✓	
After GAC-1	-02	↓	1054	Water	4	✓	✓		
After GAC-2	-03	↓	1050	Water	4	✓	✓		
After Bed-1	-04	↓	1059	Water	1			✓	

REVIEWED
Date 10/20/14 Time 1730
TAT N Days Sign.

AS331133 / 4J20005

Relinquished by	Date	Time	Received by
Glenn Androsko	10-20-14	1125	
	10/20/14	1710	

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

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

November 25, 2014

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GWETS NPDES Monthly / 04-NDLA-001

A5331161 / 4K17005

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/17/14 15:39 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 GWETS NPDES Monthly

AA Project No: A5331161
Date Received: 11/17/14
Date Reported: 11/25/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	4K17005-01	Water	5	11/17/14 11:47	11/17/14 15:39
After GAC-1	4K17005-02	Water	5	11/17/14 11:42	11/17/14 15:39
After GAC-2	4K17005-03	Water	5	11/17/14 11:38	11/17/14 15:39
Arsenic Total EPA 200.7					
Surge Tank	4K17005-01	Water	5	11/17/14 11:47	11/17/14 15:39
After Bed-1	4K17005-04	Water	5	11/17/14 11:33	11/17/14 15:39
Diesel Range Organics 8015M					
Surge Tank	4K17005-01	Water	5	11/17/14 11:47	11/17/14 15:39
After GAC-1	4K17005-02	Water	5	11/17/14 11:42	11/17/14 15:39
After GAC-2	4K17005-03	Water	5	11/17/14 11:38	11/17/14 15:39

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: TPHG/BTEX/Oxygenates by GC/MS

AA Project No: A5331161
Date Received: 11/17/14
Date Reported: 11/25/14
Units: ug/L

Date Sampled:	11/17/14	11/17/14	11/17/14		
Date Prepared:	11/21/14	11/21/14	11/21/14		
Date Analyzed:	11/21/14	11/21/14	11/21/14		
AA ID No:	4K17005-01	4K17005-02	4K17005-03		
Client ID No:	Surge Tank	After GAC-1	After GAC-2		
Matrix:	Water	Water	Water		
Dilution Factor:	1	1	1	MDL	MRL
8260B TPHGASOLINEBTEXOXY (EPA 8260B)					
tert-Amyl Methyl Ether (TAME)	<0.30	<0.30	<0.30	0.30	2.0
Benzene	**21**	<0.20	<0.20	0.20	0.50
tert-Butyl alcohol (TBA)	<7.0	<7.0	<7.0	7.0	10
Diisopropyl ether (DIPE)	<0.50	<0.50	<0.50	0.50	2.0
Ethylbenzene	**10**	<0.20	<0.20	0.20	0.50
Ethyl-tert-Butyl Ether (ETBE)	<0.40	<0.40	<0.40	0.40	2.0
Gasoline Range Organics (GRO)	**1400**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	<0.40	<0.40	<0.40	0.40	2.0
Toluene	**0.71**	<0.30	<0.30	0.30	0.50
o-Xylene	**18**	<0.30	<0.30	0.30	0.50
m,p-Xylenes	**62**	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	93%	96%	98%		70-140
Dibromofluoromethane	89%	92%	93%		70-140
Toluene-d8	99%	102%	100%		70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Diesel Range Organics by GC/FID

AA Project No: A5331161
Date Received: 11/17/14
Date Reported: 11/25/14
Units: ug/L

Date Sampled:	11/17/14	11/17/14	11/17/14		
Date Prepared:	11/20/14	11/20/14	11/20/14		
Date Analyzed:	11/21/14	11/21/14	11/21/14		
AA ID No:	4K17005-01	4K17005-02	4K17005-03		
Client ID No:	Surge Tank	After GAC-1	After GAC-2		
Matrix:	Water	Water	Water		
Dilution Factor:	1	1	1	MDL	MRL
Diesel Range Organics 8015M (EPA 8015M)					
Diesel Range Organics as Diesel	**260**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	75%	119%	103%	50-150	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Total Metals by ICP Atomic Emission Spectroscopy

AA Project No: A5331161
Date Received: 11/17/14
Date Reported: 11/25/14

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
4K17005-01	Surge Tank	11/17/14	11/21/14	11/24/14	1	**0.073**	mg/L	0.006	0.007
4K17005-04	After Bed-1	11/17/14	11/21/14	11/24/14	1	**0.0080**	mg/L	0.006	0.007

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331161
Date Received: 11/17/14
Date Reported: 11/25/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS - Quality Control										
Batch B4K2108 - EPA 5030B										
Blank (B4K2108-BLK1)				Prepared & Analyzed: 11/21/14						
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L							
Benzene	<0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L							
Ethylbenzene	<0.20	0.20	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L							
Gasoline Range Organics (GRO)	<40	40	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L							
Toluene	<0.30	0.30	ug/L							
o-Xylene	<0.30	0.30	ug/L							
m,p-Xylenes	<0.40	0.40	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50*		*98.4*	*70-140*			
Surrogate: Dibromofluoromethane	*45.0*		*ug/L*	*50*		*90.0*	*70-140*			
Surrogate: Toluene-d8	*53.2*		*ug/L*	*50*		*106*	*70-140*			
LCS (B4K2108-BS1)				Prepared & Analyzed: 11/21/14						
Benzene	**19.5**	0.20	ug/L	20		97.6	75-125			
Ethylbenzene	**21.9**	0.20	ug/L	20		109	75-125			
Methyl-tert-Butyl Ether (MTBE)	**17.3**	0.40	ug/L	20		86.5	70-135			
Toluene	**21.7**	0.30	ug/L	20		108	75-125			
o-Xylene	**20.1**	0.30	ug/L	20		101	75-125			
Surrogate: 4-Bromofluorobenzene	*47.3*		*ug/L*	*50*		*94.6*	*70-140*			
Surrogate: Dibromofluoromethane	*46.7*		*ug/L*	*50*		*93.4*	*70-140*			
Surrogate: Toluene-d8	*50.7*		*ug/L*	*50*		*101*	*70-140*			
Matrix Spike (B4K2108-MS1)				**Source: 4K17004-01** Prepared & Analyzed: 11/21/14						
Benzene	**20.5**	0.20	ug/L	20		102	70-130			
Ethylbenzene	**21.0**	0.20	ug/L	20		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	**19.7**	0.40	ug/L	20		98.6	70-130			
Toluene	**20.7**	0.30	ug/L	20		104	70-130			
Surrogate: 4-Bromofluorobenzene	*47.5*		*ug/L*	*50*		*95.0*	*70-140*			
Surrogate: Dibromofluoromethane	*48.1*		*ug/L*	*50*		*96.1*	*70-140*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331161
Date Received: 11/17/14
Date Reported: 11/25/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS - Quality Control										
Batch B4K2108 - EPA 5030B										
Matrix Spike (B4K2108-MS1) Continued Source: 4K17004-01 Prepared & Analyzed: 11/21/14										
Surrogate: Toluene-d8	*47.3*		*ug/L*	*50*		*94.6*	*70-140*			
Matrix Spike Dup (B4K2108-MSD1) **Source: 4K17004-01** Prepared & Analyzed: 11/21/14										
Benzene	**19.7**	0.20	ug/L	20		98.6	70-130	3.78	30	
Ethylbenzene	**20.6**	0.20	ug/L	20		103	70-130	1.68	30	
Methyl-tert-Butyl Ether (MTBE)	**19.6**	0.40	ug/L	20		98.0	70-130	0.661	30	
Toluene	**20.0**	0.30	ug/L	20		100	70-130	3.34	30	
Surrogate: 4-Bromofluorobenzene	*48.8*		*ug/L*	*50*		*97.7*	*70-140*			
Surrogate: Dibromofluoromethane	*48.2*		*ug/L*	*50*		*96.3*	*70-140*			
Surrogate: Toluene-d8	*48.0*		*ug/L*	*50*		*95.9*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B4K2003 - EPA 3510C										
Blank (B4K2003-BLK1) Prepared: 11/20/14 Analyzed: 11/21/14										
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*45.2*		*ug/L*	*40*		*113*	*50-150*			
LCS (B4K2003-BS1) Prepared: 11/20/14 Analyzed: 11/21/14										
Diesel Range Organics as Diesel	**792**	60	ug/L	800		99.0	75-125		30	
Surrogate: o-Terphenyl	*50.3*		*ug/L*	*40*		*126*	*50-150*			
LCS Dup (B4K2003-BSD1) Prepared: 11/20/14 Analyzed: 11/21/14										
Diesel Range Organics as Diesel	**768**	60	ug/L	800		95.9	75-125	3.15	30	
Surrogate: o-Terphenyl	*48.0*		*ug/L*	*40*		*120*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B4K2111 - EPA 3010A										
Blank (B4K2111-BLK1) Prepared: 11/21/14 Analyzed: 11/24/14										
Arsenic	<0.0060	0.0060	mg/L							
LCS (B4K2111-BS1) Prepared: 11/21/14 Analyzed: 11/24/14										
Arsenic	**0.196**	0.0060	mg/L	0.20		98.0	80-120		20	
LCS Dup (B4K2111-BSD1) Prepared: 11/21/14 Analyzed: 11/24/14										
Arsenic	**0.207**	0.0060	mg/L	0.20		103	80-120	5.32	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331161
Date Received: 11/17/14
Date Reported: 11/25/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B4K2111 - EPA 3010A										
Matrix Spike (B4K2111-MS1)		**Source: 4K17004-01**		Prepared: 11/21/14		Analyzed: 11/24/14				
Arsenic	**0.222**	0.0060	mg/L	0.20		111	75-125		20	
Matrix Spike Dup (B4K2111-MSD1)		**Source: 4K17004-01**		Prepared: 11/21/14		Analyzed: 11/24/14				
Arsenic	**0.238**	0.0060	mg/L	0.20		119	75-125	7.13	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331161
Project No:	04-NDLA-001	**Date Received:**	11/17/14
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	11/25/14

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

121223

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

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 04-SDLA	**Sampler's Name:**	Glenn Andrevska
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:**	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:**	04-NDLA-001
Fax: 569-597-1070	**State & Zip:** CA 90650	**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.	[redacted]	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7								Special Instructions
						Please enter the TAT Turnaround Codes ** below										
Surge Tank	4K17005-01	11-17-14	1147	Water	5	✓	✓	✓								
After GAC-1	-02	"	1142	Water	4	✓	✓									
After GAC-2	-03	"	1138	Water	4	✓	✓									
After Bed-1	-04	↓	1133	Water	1			✓								

REVIEWED
Date 11/17/14 Time 16:30
TAT N days Sign:

A5331161 / 4K17005

Relinquished by	Date	Time	Received by
Glenn Andrevska	11-17-14	14:00	
Relinquished by	Date	Time	Received by
	11/17/14	1539	
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

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

January 07, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GWETS NPDES Monthly / 04-NDLA-001

A5331186 / 4L17013

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 12/17/14 15:23 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 GWETS NPDES Monthly

AA Project No: A5331186
Date Received: 12/17/14
Date Reported: 01/07/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	4L17013-01	Water	5	12/17/14 12:36	12/17/14 15:23
After GAC-1	4L17013-02	Water	5	12/17/14 12:32	12/17/14 15:23
After GAC-2	4L17013-03	Water	5	12/17/14 12:27	12/17/14 15:23
Arsenic Total EPA 200.7					
Surge Tank	4L17013-01	Water	5	12/17/14 12:36	12/17/14 15:23
After Bed-1	4L17013-04	Water	5	12/17/14 12:23	12/17/14 15:23
Diesel Range Organics 8015M					
Surge Tank	4L17013-01	Water	5	12/17/14 12:36	12/17/14 15:23
After GAC-1	4L17013-02	Water	5	12/17/14 12:32	12/17/14 15:23
After GAC-2	4L17013-03	Water	5	12/17/14 12:27	12/17/14 15:23

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: TPHG/BTEX/Oxygenates by GC/MS

AA Project No: A5331186
Date Received: 12/17/14
Date Reported: 01/07/15
Units: ug/L

Date Sampled:	12/17/14	12/17/14	12/17/14		
Date Prepared:	12/22/14	12/22/14	12/22/14		
Date Analyzed:	12/22/14	12/22/14	12/23/14		
AA ID No:	4L17013-01	4L17013-02	4L17013-03		
Client ID No:	Surge Tank	After GAC-1	After GAC-2		
Matrix:	Water	Water	Water		
Dilution Factor:	1	1	1	MDL	MRL
8260B TPHGASOLINEBTEXOXY (EPA 8260B)					
tert-Amyl Methyl Ether (TAME)	<0.30	<0.30	<0.30	0.30	2.0
Benzene	**23**	<0.20	<0.20	0.20	0.50
tert-Butyl alcohol (TBA)	<7.0	<7.0	<7.0	7.0	10
Diisopropyl ether (DIPE)	<0.50	<0.50	<0.50	0.50	2.0
Ethylbenzene	**8.8**	<0.20	<0.20	0.20	0.50
Ethyl-tert-Butyl Ether (ETBE)	<0.40	<0.40	<0.40	0.40	2.0
Gasoline Range Organics (GRO)	**880**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	<0.40	<0.40	<0.40	0.40	2.0
Toluene	**0.66**	<0.30	<0.30	0.30	0.50
o-Xylene	**14**	<0.30	<0.30	0.30	0.50
m,p-Xylenes	**48**	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	90%	92%	92%		70-140
Dibromofluoromethane	85%	86%	86%		70-140
Toluene-d8	99%	101%	101%		70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Diesel Range Organics by GC/FID

AA Project No: A5331186
Date Received: 12/17/14
Date Reported: 01/07/15
Units: ug/L

Date Sampled:	12/17/14	12/17/14	12/17/14		
Date Prepared:	12/29/14	12/29/14	12/29/14		
Date Analyzed:	12/30/14	12/30/14	12/30/14		
AA ID No:	4L17013-01	4L17013-02	4L17013-03		
Client ID No:	Surge Tank	After GAC-1	After GAC-2		
Matrix:	Water	Water	Water		
Dilution Factor:	1	1	1	MDL	MRL
Diesel Range Organics 8015M (EPA 8015M)					
Diesel Range Organics as Diesel	**190**	**67 J**	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	98%	87%	87%	50-150	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-001
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Total Metals by ICP Atomic Emission Spectroscopy

AA Project No: A5331186
Date Received: 12/17/14
Date Reported: 01/07/15

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
4L17013-01	Surge Tank	12/17/14	12/19/14	12/22/14	1	**0.092**	mg/L	0.006	0.007
4L17013-04	After Bed-1	12/17/14	12/19/14	12/22/14	1	<0.0060	mg/L	0.006	0.007

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331186
Date Received: 12/17/14
Date Reported: 01/07/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS - Quality Control										
Batch B4L2202 - EPA 5030B										
Blank (B4L2202-BLK1)				Prepared & Analyzed: 12/22/14						
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L							
Benzene	<0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L							
Ethylbenzene	<0.20	0.20	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L							
Gasoline Range Organics (GRO)	<40	40	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L							
Toluene	<0.30	0.30	ug/L							
o-Xylene	<0.30	0.30	ug/L							
m,p-Xylenes	<0.40	0.40	ug/L							
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/L*	*50*		*92.4*	*70-140*			
Surrogate: Dibromofluoromethane	*43.0*		*ug/L*	*50*		*86.0*	*70-140*			
Surrogate: Toluene-d8	*50.9*		*ug/L*	*50*		*102*	*70-140*			
LCS (B4L2202-BS1)				Prepared: 12/22/14 Analyzed: 12/23/14						
Benzene	**18.1**	0.20	ug/L	20		90.4	75-125			
Ethylbenzene	**19.6**	0.20	ug/L	20		98.2	75-125			
Methyl-tert-Butyl Ether (MTBE)	**19.0**	0.40	ug/L	20		95.0	70-135			
Toluene	**19.8**	0.30	ug/L	20		99.1	75-125			
o-Xylene	**18.9**	0.30	ug/L	20		94.7	75-125			
Surrogate: 4-Bromofluorobenzene	*45.3*		*ug/L*	*50*		*90.5*	*70-140*			
Surrogate: Dibromofluoromethane	*45.2*		*ug/L*	*50*		*90.3*	*70-140*			
Surrogate: Toluene-d8	*49.0*		*ug/L*	*50*		*98.0*	*70-140*			
Matrix Spike (B4L2202-MS1)				**Source: 4L17009-05** Prepared & Analyzed: 12/22/14						
Benzene	**18.5**	0.20	ug/L	20		92.6	70-130			
Ethylbenzene	**20.8**	0.20	ug/L	20		104	70-130			
Methyl-tert-Butyl Ether (MTBE)	**17.6**	0.40	ug/L	20		87.8	70-130			
Toluene	**20.8**	0.30	ug/L	20		104	70-130			
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/L*	*50*		*92.3*	*70-140*			
Surrogate: Dibromofluoromethane	*43.9*		*ug/L*	*50*		*87.8*	*70-140*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331186
Date Received: 12/17/14
Date Reported: 01/07/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS - Quality Control										
Batch B4L2202 - EPA 5030B										
Matrix Spike (B4L2202-MS1) Continued				**Source: 4L17009-05**			Prepared & Analyzed: 12/22/14			
Surrogate: Toluene-d8	*49.3*		*ug/L*	*50*		*98.6*	*70-140*			
Matrix Spike Dup (B4L2202-MSD1)				**Source: 4L17009-05**			Prepared & Analyzed: 12/22/14			
Benzene	**18.5**	0.20	ug/L	20		92.5	70-130	0.162	30	
Ethylbenzene	**20.0**	0.20	ug/L	20		100	70-130	3.63	30	
Methyl-tert-Butyl Ether (MTBE)	**18.8**	0.40	ug/L	20		93.9	70-130	6.66	30	
Toluene	**20.1**	0.30	ug/L	20		101	70-130	3.52	30	
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/L*	*50*		*92.3*	*70-140*			
Surrogate: Dibromofluoromethane	*44.4*		*ug/L*	*50*		*88.7*	*70-140*			
Surrogate: Toluene-d8	*47.9*		*ug/L*	*50*		*95.8*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B4L2908 - EPA 3510C										
Blank (B4L2908-BLK1)							Prepared: 12/29/14 Analyzed: 12/30/14			
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*38.6*		*ug/L*	*40*		*96.6*	*50-150*			
LCS (B4L2908-BS1)							Prepared: 12/29/14 Analyzed: 12/30/14			
Diesel Range Organics as Diesel	**823**	60	ug/L	800		103	75-125		30	
Surrogate: o-Terphenyl	*52.7*		*ug/L*	*40*		*132*	*50-150*			
LCS Dup (B4L2908-BSD1)							Prepared: 12/29/14 Analyzed: 12/30/14			
Diesel Range Organics as Diesel	**745**	60	ug/L	800		93.1	75-125	10.0	30	
Surrogate: o-Terphenyl	*52.7*		*ug/L*	*40*		*132*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B4L2203 - EPA 3010A										
Blank (B4L2203-BLK1)							Prepared: 12/19/14 Analyzed: 12/22/14			
Arsenic	<0.0060	0.0060	mg/L							
LCS (B4L2203-BS1)							Prepared: 12/19/14 Analyzed: 12/22/14			
Arsenic	**0.181**	0.0060	mg/L	0.20		90.6	80-120		20	
LCS Dup (B4L2203-BSD1)							Prepared: 12/19/14 Analyzed: 12/22/14			
Arsenic	**0.220**	0.0060	mg/L	0.20		110	80-120	19.4	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331186
Date Received: 12/17/14
Date Reported: 01/07/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B4L2203 - EPA 3010A										
Matrix Spike (B4L2203-MS1)		**Source: 4L17012-01**		Prepared: 12/19/14		Analyzed: 12/22/14				
Arsenic	**0.239**	0.0060	mg/L	0.20		119	75-125		20	
Matrix Spike Dup (B4L2203-MSD1)		**Source: 4L17012-01**		Prepared: 12/19/14		Analyzed: 12/22/14				
Arsenic	**0.233**	0.0060	mg/L	0.20		116	75-125	2.55	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331186
Project No:	04-NDLA-001	**Date Received:**	12/17/14
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	01/07/15

Special Notes

J : Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

121476

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

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 04-SDLA	**Sampler's Name:** Glenn Andcosky	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Andcosky	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:**	
Fax: 569-597-1070	**State & Zip:** CA 90650	**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)

Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	Special Instructions
Surge Tank	417013-01	12-17-14	1236	Water	5	✓	✓	✓	
After GAC-1	2	"	1232	Water	4	✓	✓		
After GAC-2	3	"	1227	Water	4	✓	✓		
After Bed-1	4	↓	1223	Water	1			✓	

REVIEWED Date 12/17/14 Time 1630 sign: TAT N Days

Relinquished by	Date	Time	Received by
Glenn Andcosky	12-17-14	13:30	
	12/17/14	1523	

A533186/417013

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

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

October 31, 2014

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk VES AQMD / 04-NDLA-001

A5331134 / 4J23003

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/23/14 14:09 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 VES AQMD

AA Project No: A5331134
Date Received: 10/23/14
Date Reported: 10/31/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	4J23003-01	Vapor	5	10/23/14 10:21	10/23/14 14:09
Effluent	4J23003-02	Vapor	5	10/23/14 10:10	10/23/14 14:09
VOCs Gasoline Range Organics Vapor					
Influent	4J23003-01	Vapor	5	10/23/14 10:21	10/23/14 14:09
Effluent	4J23003-02	Vapor	5	10/23/14 10:10	10/23/14 14:09
VOCs GRO Vapor as Hexane					
Influent	4J23003-01	Vapor	5	10/23/14 10:21	10/23/14 14:09
Effluent	4J23003-02	Vapor	5	10/23/14 10:10	10/23/14 14:09

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331134
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	10/31/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

Influent

4J23003-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	96.9 %	70-140
Dibromofluoromethane	94.2 %	70-140
Toluene-d8	102 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331134
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	10/31/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	0.5	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

Effluent

4J23003-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.25	ug/L	0.50	<0.078	ppmv	0.16
Ethylbenzene	<0.25	ug/L	0.50	<0.058	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<1.0	ug/L	2.0	<0.28	ppmv	0.55
Toluene	<0.25	ug/L	0.50	<0.066	ppmv	0.13
o-Xylene	<0.25	ug/L	0.50	<0.058	ppmv	0.12
m,p-Xylenes	<0.50	ug/L	1.0	<0.12	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	96.9 %	70-140
Dibromofluoromethane	94.1 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331134
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	10/31/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

Influent

4J23003-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	90.8 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331134
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	10/31/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

Effluent

4J23003-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	94.2 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331134
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	10/31/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	10/24/14

Influent

4J23003-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	<20	ug/L	20	<5.7	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	90.8 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331134
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	10/31/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	10/24/14

Effluent

4J23003-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	<20	ug/L	20	<5.7	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	94.2 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331134
Date Received: 10/23/14
Date Reported: 10/31/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs BTEX/MTBE Vapor by GC/MS 8260M - Quality Control										
*Batch B4J2404 - *** DEFAULT PREP ****										
Blank (B4J2404-BLK1)				Prepared & Analyzed: 10/24/14						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50*		*98.8*	*70-140*			
Surrogate: Dibromofluoromethane	*46.8*		*ug/L*	*50*		*93.5*	*70-140*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50*		*103*	*70-140*			
LCS (B4J2404-BS1)				Prepared & Analyzed: 10/24/14						
Benzene	**19.4**	0.50	ug/L	20		96.9	75-125			
Ethylbenzene	**21.8**	0.50	ug/L	20		109	75-125			
Methyl-tert-Butyl Ether (MTBE)	**17.1**	2.0	ug/L	20		85.5	75-125			
Toluene	**21.4**	0.50	ug/L	20		107	75-125			
o-Xylene	**20.5**	0.50	ug/L	20		103	75-125			
m,p-Xylenes	**42.4**	1.0	ug/L	40		106	75-125			
Surrogate: 4-Bromofluorobenzene	*47.6*		*ug/L*	*50*		*95.1*	*70-140*			
Surrogate: Dibromofluoromethane	*47.7*		*ug/L*	*50*		*95.4*	*70-140*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50*		*101*	*70-140*			
LCS Dup (B4J2404-BSD1)				Prepared & Analyzed: 10/24/14						
Benzene	**19.8**	0.50	ug/L	20		99.0	75-125	2.19	30	
Ethylbenzene	**23.5**	0.50	ug/L	20		117	75-125	7.23	30	
Methyl-tert-Butyl Ether (MTBE)	**18.1**	2.0	ug/L	20		90.5	75-125	5.68	30	
Toluene	**22.6**	0.50	ug/L	20		113	75-125	5.51	30	
o-Xylene	**21.8**	0.50	ug/L	20		109	75-125	6.01	30	
m,p-Xylenes	**45.2**	1.0	ug/L	40		113	75-125	6.57	30	
Surrogate: 4-Bromofluorobenzene	*47.8*		*ug/L*	*50*		*95.6*	*70-140*			
Surrogate: Dibromofluoromethane	*47.0*		*ug/L*	*50*		*94.1*	*70-140*			
Surrogate: Toluene-d8	*51.1*		*ug/L*	*50*		*102*	*70-140*			
Duplicate (B4J2404-DUP1)			**Source: 4J23005-10**	Prepared & Analyzed: 10/24/14						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331134
Date Received: 10/23/14
Date Reported: 10/31/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs BTEX/MTBE Vapor by GC/MS 8260M - Quality Control										
*Batch B4J2404 - *** DEFAULT PREP ****										
Duplicate (B4J2404-DUP1) Continued			**Source: 4J23005-10**	Prepared & Analyzed: 10/24/14						
Benzene	**<0.50**	0.50	ug/L						30	
Ethylbenzene	**<0.50**	0.50	ug/L						30	
Methyl-tert-Butyl Ether (MTBE)	**<2.0**	2.0	ug/L						30	
Toluene	**<0.50**	0.50	ug/L						30	
o-Xylene	**<0.50**	0.50	ug/L						30	
m,p-Xylenes	**<1.0**	1.0	ug/L						30	
Surrogate: 4-Bromofluorobenzene	*50.4*		*ug/L*	*50*		*101*	*70-140*			
Surrogate: Dibromofluoromethane	*47.1*		*ug/L*	*50*		*94.1*	*70-140*			
Surrogate: Toluene-d8	*51.1*		*ug/L*	*50*		*102*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B4J2909 - *** DEFAULT PREP ****										
Blank (B4J2909-BLK1)				Prepared & Analyzed: 10/24/14						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*48.5*		*ug/L*	*50*		*96.9*	*70-130*			
LCS (B4J2909-BS1)				Prepared & Analyzed: 10/24/14						
Gasoline Range Organics (GRO)	**498**	20	ug/L	500		99.7	75-125			
Surrogate: a,a,a-Trifluorotoluene	*53.8*		*ug/L*	*50*		*108*	*70-130*			
LCS Dup (B4J2909-BSD1)				Prepared & Analyzed: 10/24/14						
Gasoline Range Organics (GRO)	**472**	20	ug/L	500		94.4	75-125	5.40	30	
Surrogate: a,a,a-Trifluorotoluene	*51.2*		*ug/L*	*50*		*102*	*70-130*			
Duplicate (B4J2909-DUP1)			**Source: 4J23005-10**	Prepared & Analyzed: 10/24/14						
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*42.8*		*ug/L*	*50*		*85.6*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B4J2909 - *** DEFAULT PREP ****										
Blank (B4J2909-BLK1)				Prepared & Analyzed: 10/24/14						
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*48.5*		*ug/L*	*50*		*96.9*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331134
Date Received: 10/23/14
Date Reported: 10/31/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B4J2909 - *** DEFAULT PREP ****										
LCS (B4J2909-BS1)				Prepared & Analyzed: 10/24/14						
GRO as Hexane	**498**	20	ug/L	500		99.7	75-125			
Surrogate: a,a,a-Trifluorotoluene	*53.8*		*ug/L*	*50*		*108*	*70-130*			
LCS Dup (B4J2909-BSD1)				Prepared & Analyzed: 10/24/14						
GRO as Hexane	**472**	20	ug/L	500		94.4	75-125	5.40	30	
Surrogate: a,a,a-Trifluorotoluene	*51.2*		*ug/L*	*50*		*102*	*70-130*			
Duplicate (B4J2909-DUP1)		**Source: 4J23005-10**		Prepared & Analyzed: 10/24/14						
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*42.8*		*ug/L*	*50*		*85.6*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331134
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	10/31/14

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

124069

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

Client:	The Source Group, Inc.	**Project Name / No.:**	DFSP - Norwalk / 04-SDLA	**Sampler's Name:**	Glenn Androsko
Project Manager:	Neil Irish	**Site Address:**	15306 Norwalk Blvd	**Sampler's Signature:**	Glenn Androsko
Phone:	562-597-1055	**City:**	Norwalk	**P.O. No.:**	04-NDLA-001
Fax:	569-597-1070	**State & Zip:**	CA 90650	**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.	[redacted]	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B							Special Instructions
						Please enter the TAT Turnaround Codes ** below									
Influent	4723003-01	10-23-14	1021	Air	1	✓	✓	✓							
Effluent	-02	"	1010	Air	1	✓	✓	✓							

PRIORITY
Rush Date 10/23/14 Time 1530 Sign SH
Fax

AS331134 / 4723003

Relinquished by	Date	Time	Received by
Glenn Androsko	10-23-14	1230	
Relinquished by	Date	Time	Received by
	10/23/14	1403	
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

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

November 24, 2014

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk VES AQMD / 04-NDLA-001

A5331162 / 4K17006

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/17/14 15:39 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 VES AQMD

AA Project No: A5331162
Date Received: 11/17/14
Date Reported: 11/24/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	4K17006-01	Vapor	5	11/17/14 10:50	11/17/14 15:39
Effluent	4K17006-02	Vapor	5	11/17/14 10:43	11/17/14 15:39
VOCs Gasoline Range Organics Vapor					
Influent	4K17006-01	Vapor	5	11/17/14 10:50	11/17/14 15:39
Effluent	4K17006-02	Vapor	5	11/17/14 10:43	11/17/14 15:39
VOCs GRO Vapor as Hexane					
Influent	4K17006-01	Vapor	5	11/17/14 10:50	11/17/14 15:39
Effluent	4K17006-02	Vapor	5	11/17/14 10:43	11/17/14 15:39

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331162
Project No:	04-NDLA-001	**Date Received:**	11/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/24/14
Matrix:	Vapor	**Sampled:**	11/17/14
Dilution:	1	**Prepared:**	11/19/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	11/19/14

Influent

4K17006-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	97.2 %	70-140
Dibromofluoromethane	94.1 %	70-140
Toluene-d8	100 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331162
Project No:	04-NDLA-001	**Date Received:**	11/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/24/14
Matrix:	Vapor	**Sampled:**	11/17/14
Dilution:	0.5	**Prepared:**	11/19/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	11/19/14

Effluent

4K17006-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.25	ug/L	0.50	<0.078	ppmv	0.16
Ethylbenzene	<0.25	ug/L	0.50	<0.058	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<1.0	ug/L	2.0	<0.28	ppmv	0.55
Toluene	<0.25	ug/L	0.50	<0.066	ppmv	0.13
o-Xylene	<0.25	ug/L	0.50	<0.058	ppmv	0.12
m,p-Xylenes	<0.50	ug/L	1.0	<0.12	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	99.0 %	70-140
Dibromofluoromethane	97.0 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331162
Project No:	04-NDLA-001	**Date Received:**	11/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/24/14
Matrix:	Vapor	**Sampled:**	11/17/14
Dilution:	1	**Prepared:**	11/18/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	11/18/14

Influent

4K17006-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	93.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331162
Project No:	04-NDLA-001	**Date Received:**	11/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/24/14
Matrix:	Vapor	**Sampled:**	11/17/14
Dilution:	1	**Prepared:**	11/18/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	11/18/14

Effluent

4K17006-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	70.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331162
Project No:	04-NDLA-001	**Date Received:**	11/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/24/14
Matrix:	Vapor	**Sampled:**	11/17/14
Dilution:	1	**Prepared:**	11/18/14
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	11/18/14

Influent

4K17006-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	<20	ug/L	20	<5.7	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	93.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331162
Project No:	04-NDLA-001	**Date Received:**	11/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/24/14
Matrix:	Vapor	**Sampled:**	11/17/14
Dilution:	1	**Prepared:**	11/18/14
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	11/18/14

Effluent

4K17006-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	<20	ug/L	20	<5.7	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	70.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331162
Date Received: 11/17/14
Date Reported: 11/24/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs BTEX/MTBE Vapor by GC/MS 8260M - Quality Control										
*Batch B4K1907 - *** DEFAULT PREP ****										
Blank (B4K1907-BLK1)				Prepared & Analyzed: 11/19/14						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50*		*98.4*	*70-140*			
Surrogate: Dibromofluoromethane	*44.9*		*ug/L*	*50*		*89.8*	*70-140*			
Surrogate: Toluene-d8	*53.1*		*ug/L*	*50*		*106*	*70-140*			
LCS (B4K1907-BS1)				Prepared: 11/19/14 Analyzed: 11/20/14						
Benzene	**20.4**	0.50	ug/L	20		102	75-125			
Ethylbenzene	**22.0**	0.50	ug/L	20		110	75-125			
Methyl-tert-Butyl Ether (MTBE)	**18.9**	2.0	ug/L	20		94.5	75-125			
Toluene	**21.3**	0.50	ug/L	20		106	75-125			
o-Xylene	**20.4**	0.50	ug/L	20		102	75-125			
m,p-Xylenes	**41.4**	1.0	ug/L	40		104	75-125			
Surrogate: 4-Bromofluorobenzene	*48.1*		*ug/L*	*50*		*96.2*	*70-140*			
Surrogate: Dibromofluoromethane	*48.3*		*ug/L*	*50*		*96.5*	*70-140*			
Surrogate: Toluene-d8	*50.0*		*ug/L*	*50*		*100*	*70-140*			
LCS Dup (B4K1907-BSD1)				Prepared: 11/19/14 Analyzed: 11/20/14						
Benzene	**20.3**	0.50	ug/L	20		102	75-125	0.0983	30	
Ethylbenzene	**22.1**	0.50	ug/L	20		111	75-125	0.589	30	
Methyl-tert-Butyl Ether (MTBE)	**17.3**	2.0	ug/L	20		86.5	75-125	8.84	30	
Toluene	**21.4**	0.50	ug/L	20		107	75-125	0.469	30	
o-Xylene	**20.2**	0.50	ug/L	20		101	75-125	1.18	30	
m,p-Xylenes	**42.3**	1.0	ug/L	40		106	75-125	2.17	30	
Surrogate: 4-Bromofluorobenzene	*47.4*		*ug/L*	*50*		*94.8*	*70-140*			
Surrogate: Dibromofluoromethane	*47.2*		*ug/L*	*50*		*94.4*	*70-140*			
Surrogate: Toluene-d8	*50.2*		*ug/L*	*50*		*100*	*70-140*			
Duplicate (B4K1907-DUP1)				**Source: 4K17007-02** Prepared: 11/19/14 Analyzed: 11/20/14						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331162
Date Received: 11/17/14
Date Reported: 11/24/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs BTEX/MTBE Vapor by GC/MS 8260M - Quality Control										
*Batch B4K1907 - *** DEFAULT PREP ****										
Duplicate (B4K1907-DUP1) Continued				**Source: 4K17007-02**		Prepared: 11/19/14	Analyzed: 11/20/14			
Benzene	**<0.50**	0.50	ug/L						30	
Ethylbenzene	**<0.50**	0.50	ug/L						30	
Methyl-tert-Butyl Ether (MTBE)	**<2.0**	2.0	ug/L						30	
Toluene	**<0.50**	0.50	ug/L						30	
o-Xylene	**<0.50**	0.50	ug/L						30	
m,p-Xylenes	**<1.0**	1.0	ug/L						30	
Surrogate: 4-Bromofluorobenzene	*48.3*		*ug/L*	*50*		*96.6*	*70-140*			
Surrogate: Dibromofluoromethane	*47.1*		*ug/L*	*50*		*94.3*	*70-140*			
Surrogate: Toluene-d8	*51.2*		*ug/L*	*50*		*102*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B4K1820 - *** DEFAULT PREP ****										
Blank (B4K1820-BLK1)						Prepared & Analyzed: 11/18/14				
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*47.1*		*ug/L*	*50*		*94.3*	*70-130*			
LCS (B4K1820-BS1)						Prepared & Analyzed: 11/18/14				
Gasoline Range Organics (GRO)	**421**	20	ug/L	500		84.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.5*		*ug/L*	*50*		*95.0*	*70-130*			
LCS Dup (B4K1820-BSD1)						Prepared: 11/18/14	Analyzed: 11/19/14			
Gasoline Range Organics (GRO)	**432**	20	ug/L	500		86.3	75-125	2.51	30	
Surrogate: a,a,a-Trifluorotoluene	*50.0*		*ug/L*	*50*		*100*	*70-130*			
Duplicate (B4K1820-DUP1)				**Source: 4K17007-02**		Prepared & Analyzed: 11/18/14				
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*48.6*		*ug/L*	*50*		*97.2*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B4K1820 - *** DEFAULT PREP ****										
Blank (B4K1820-BLK1)						Prepared & Analyzed: 11/18/14				
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*47.1*		*ug/L*	*50*		*94.3*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331162
Date Received: 11/17/14
Date Reported: 11/24/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B4K1820 - *** DEFAULT PREP ****										
LCS (B4K1820-BS1)				Prepared & Analyzed: 11/18/14						
GRO as Hexane	**421**	20	ug/L	500		84.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.5*		*ug/L*	*50*		*95.0*	*70-130*			
LCS Dup (B4K1820-BSD1)				Prepared: 11/18/14 Analyzed: 11/19/14						
GRO as Hexane	**432**	20	ug/L	500		86.3	75-125	2.51	30	
Surrogate: a,a,a-Trifluorotoluene	*50.0*		*ug/L*	*50*		*100*	*70-130*			
Duplicate (B4K1820-DUP1)			**Source: 4K17007-02**	Prepared & Analyzed: 11/18/14						
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*48.6*		*ug/L*	*50*		*97.2*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331162
Project No:	04-NDLA-001	**Date Received:**	11/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/24/14

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

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

12224

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 04-SDLA	**Sampler's Name:** Glenn Androsko	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Androsko	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:** 04-NDLA-001	
Fax: 569-597-1070	**State & Zip:** CA 90650	**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	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B								Special Instructions
						Please enter the TAT Turnaround Codes ** below										
Influent	4K17006-01	11-17-14	1050	Air	1	✓	✓	✓								
Effluent	02	11-17-14	1043	Air	1	✓	✓	✓								

PRIORITY SH
Rush Hrs
Date 11/17 Time 1630 Sign

A5331162 / 4K17006

Relinquished by	Date	Time	Received by
Glenn Androsko	11-17-14	1480	
Relinquished by	Date	Time	Received by
	11/17/14	1539	
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

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

January 07, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk VES AQMD / 04-NDLA-001

A5331190 / 4L17010

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 12/17/14 15:23 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 VES AQMD

AA Project No: A5331190
Date Received: 12/17/14
Date Reported: 01/07/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	4L17010-01	Vapor	5	12/17/14 12:55	12/17/14 15:23
Effluent	4L17010-02	Vapor	5	12/17/14 12:45	12/17/14 15:23
VOCs Gasoline Range Organics Vapor					
Influent	4L17010-01	Vapor	5	12/17/14 12:55	12/17/14 15:23
Effluent	4L17010-02	Vapor	5	12/17/14 12:45	12/17/14 15:23
VOCs GRO Vapor as Hexane					
Influent	4L17010-01	Vapor	5	12/17/14 12:55	12/17/14 15:23
Effluent	4L17010-02	Vapor	5	12/17/14 12:45	12/17/14 15:23

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331190
Project No:	04-NDLA-001	**Date Received:**	12/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/07/15
Matrix:	Vapor	**Sampled:**	12/17/14
Dilution:	1	**Prepared:**	12/18/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	12/18/14

Influent

4L17010-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	96.8 %	70-140
Dibromofluoromethane	109 %	70-140
Toluene-d8	109 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331190
Project No:	04-NDLA-001	**Date Received:**	12/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/07/15
Matrix:	Vapor	**Sampled:**	12/17/14
Dilution:	0.5	**Prepared:**	12/18/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	12/18/14

Effluent

4L17010-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.25	ug/L	0.50	<0.078	ppmv	0.16
Ethylbenzene	<0.25	ug/L	0.50	<0.058	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<1.0	ug/L	2.0	<0.28	ppmv	0.55
Toluene	<0.25	ug/L	0.50	<0.066	ppmv	0.13
o-Xylene	<0.25	ug/L	0.50	<0.058	ppmv	0.12
m,p-Xylenes	<0.50	ug/L	1.0	<0.12	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	101 %	70-140
Dibromofluoromethane	108 %	70-140
Toluene-d8	106 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331190
Project No:	04-NDLA-001	**Date Received:**	12/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/07/15
Matrix:	Vapor	**Sampled:**	12/17/14
Dilution:	1	**Prepared:**	12/18/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	12/18/14

Influent

4L17010-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	89.2 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331190
Project No:	04-NDLA-001	**Date Received:**	12/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/07/15
Matrix:	Vapor	**Sampled:**	12/17/14
Dilution:	1	**Prepared:**	12/18/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	12/18/14

Effluent

4L17010-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	83.3 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331190
Project No:	04-NDLA-001	**Date Received:**	12/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/07/15
Matrix:	Vapor	**Sampled:**	12/17/14
Dilution:	1	**Prepared:**	12/18/14
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	12/18/14

Influent

4L17010-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	<20	ug/L	20	<5.7	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	89.2 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331190
Project No:	04-NDLA-001	**Date Received:**	12/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/07/15
Matrix:	Vapor	**Sampled:**	12/17/14
Dilution:	1	**Prepared:**	12/18/14
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	12/18/14

Effluent

4L17010-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	<20	ug/L	20	<5.7	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	83.3 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331190
Date Received: 12/17/14
Date Reported: 01/07/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs BTEX/MTBE Vapor by GC/MS 8260M - Quality Control										
*Batch B4L1802 - *** DEFAULT PREP ****										
Blank (B4L1802-BLK1)				Prepared & Analyzed: 12/18/14						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*46.0*		*ug/L*	*50*		*91.9*	*70-140*			
Surrogate: Dibromofluoromethane	*51.3*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*54.4*		*ug/L*	*50*		*109*	*70-140*			
LCS (B4L1802-BS1)				Prepared & Analyzed: 12/18/14						
Benzene	**21.4**	0.50	ug/L	20		107	75-125			
Ethylbenzene	**22.3**	0.50	ug/L	20		111	75-125			
Methyl-tert-Butyl Ether (MTBE)	**18.4**	2.0	ug/L	20		92.0	75-125			
Toluene	**21.9**	0.50	ug/L	20		109	75-125			
o-Xylene	**19.2**	0.50	ug/L	20		96.2	75-125			
m,p-Xylenes	**40.1**	1.0	ug/L	40		100	75-125			
Surrogate: 4-Bromofluorobenzene	*48.3*		*ug/L*	*50*		*96.6*	*70-140*			
Surrogate: Dibromofluoromethane	*50.7*		*ug/L*	*50*		*101*	*70-140*			
Surrogate: Toluene-d8	*53.3*		*ug/L*	*50*		*107*	*70-140*			
LCS Dup (B4L1802-BSD1)				Prepared & Analyzed: 12/18/14						
Benzene	**20.8**	0.50	ug/L	20		104	75-125	2.70	30	
Ethylbenzene	**22.2**	0.50	ug/L	20		111	75-125	0.0898	30	
Methyl-tert-Butyl Ether (MTBE)	**20.8**	2.0	ug/L	20		104	75-125	12.3	30	
Toluene	**21.8**	0.50	ug/L	20		109	75-125	0.412	30	
o-Xylene	**20.2**	0.50	ug/L	20		101	75-125	4.67	30	
m,p-Xylenes	**41.0**	1.0	ug/L	40		102	75-125	2.32	30	
Surrogate: 4-Bromofluorobenzene	*50.0*		*ug/L*	*50*		*100*	*70-140*			
Surrogate: Dibromofluoromethane	*52.7*		*ug/L*	*50*		*105*	*70-140*			
Surrogate: Toluene-d8	*54.2*		*ug/L*	*50*		*108*	*70-140*			
Duplicate (B4L1802-DUP1)				**Source: 4L17010-01** Prepared & Analyzed: 12/18/14						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331190
Date Received: 12/17/14
Date Reported: 01/07/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs BTEX/MTBE Vapor by GC/MS 8260M - Quality Control										
*Batch B4L1802 - *** DEFAULT PREP ****										
Duplicate (B4L1802-DUP1) Continued				**Source: 4L17010-01**		Prepared & Analyzed: 12/18/14				
Benzene	**<0.50**	0.50	ug/L		<0.50				30	
Ethylbenzene	**<0.50**	0.50	ug/L		<0.50				30	
Methyl-tert-Butyl Ether (MTBE)	**<2.0**	2.0	ug/L		<2.0				30	
Toluene	**<0.50**	0.50	ug/L		<0.50				30	
o-Xylene	**<0.50**	0.50	ug/L		<0.50				30	
m,p-Xylenes	**<1.0**	1.0	ug/L		<1.0				30	
Surrogate: 4-Bromofluorobenzene	*50.0*		*ug/L*	*50*		*100*	*70-140*			
Surrogate: Dibromofluoromethane	*53.5*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*53.9*		*ug/L*	*50*		*108*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B4L1904 - *** DEFAULT PREP ****										
Blank (B4L1904-BLK1)						Prepared & Analyzed: 12/18/14				
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*44.4*		*ug/L*	*50*		*88.8*	*70-130*			
LCS (B4L1904-BS1)						Prepared & Analyzed: 12/18/14				
Gasoline Range Organics (GRO)	**447**	20	ug/L	500		89.4	75-125			
Surrogate: a,a,a-Trifluorotoluene	*49.1*		*ug/L*	*50*		*98.2*	*70-130*			
LCS Dup (B4L1904-BSD1)						Prepared & Analyzed: 12/18/14				
Gasoline Range Organics (GRO)	**423**	20	ug/L	500		84.6	75-125	5.48	30	
Surrogate: a,a,a-Trifluorotoluene	*48.8*		*ug/L*	*50*		*97.6*	*70-130*			
Duplicate (B4L1904-DUP1)				**Source: 4L17011-02**		Prepared & Analyzed: 12/18/14				
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*46.1*		*ug/L*	*50*		*92.3*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B4L1904 - *** DEFAULT PREP ****										
Blank (B4L1904-BLK1)						Prepared & Analyzed: 12/18/14				
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*44.4*		*ug/L*	*50*		*88.8*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331190
Date Received: 12/17/14
Date Reported: 01/07/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B4L1904 - *** DEFAULT PREP ****										
LCS (B4L1904-BS1)				Prepared & Analyzed: 12/18/14						
GRO as Hexane	**447**	20	ug/L	500		89.4	75-125			
Surrogate: a,a,a-Trifluorotoluene	*49.1*		*ug/L*	*50*		*98.2*	*70-130*			
LCS Dup (B4L1904-BSD1)				Prepared & Analyzed: 12/18/14						
GRO as Hexane	**423**	20	ug/L	500		84.6	75-125	5.48	30	
Surrogate: a,a,a-Trifluorotoluene	*48.8*		*ug/L*	*50*		*97.6*	*70-130*			
Duplicate (B4L1904-DUP1)			**Source: 4L17011-02**	Prepared & Analyzed: 12/18/14						
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*46.1*		*ug/L*	*50*		*92.3*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331190
Project No:	04-NDLA-001	**Date Received:**	12/17/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/07/15

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

121481

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

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 04-SDLA	**Sampler's Name:** Glenn Androsko	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Androsko	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:**	
Fax: 569-597-1070	**State & Zip:** CA 90650	**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.	Lab #	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B	Please enter the TAT Turnaround Codes ** below	Special Instructions
Influent	4L17010 -01	12-17-14	1255	Air	1	✓	✓	✓		
Effluent	-2	"	1245	Air	1	✓	✓	✓		

PRIORITY SH
Rush Hrs Sign
Date 12/17/14 Time 1600

Relinquished by	Date	Time	Received by
Glenn Androsko	12-17-14	13:30	
Relinquished by	Date	Time	Received by
	12/17/14	1523	
Relinquished by	Date	Time	Received by

A533190 / 4L17010

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

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

November 03, 2014

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk VES AQMD / 04-NDLA-001

A5331136 / 4J23005

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/23/14 14:09 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 VES AQMD

AA Project No: A5331136
Date Received: 10/23/14
Date Reported: 11/03/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
VEW-32	4J23005-01	Vapor	5	10/23/14 11:28	10/23/14 14:09
VEW-33	4J23005-02	Vapor	5	10/23/14 11:21	10/23/14 14:09
VEW-34	4J23005-03	Vapor	5	10/23/14 11:15	10/23/14 14:09
VEW-35	4J23005-04	Vapor	5	10/23/14 12:12	10/23/14 14:09
VEW-36	4J23005-05	Vapor	5	10/23/14 12:16	10/23/14 14:09
VEW-37	4J23005-06	Vapor	5	10/23/14 12:23	10/23/14 14:09
HW-1	4J23005-07	Vapor	5	10/23/14 10:29	10/23/14 14:09
HW-3	4J23005-08	Vapor	5	10/23/14 10:33	10/23/14 14:09
HW-5	4J23005-09	Vapor	5	10/23/14 10:37	10/23/14 14:09
HW-7	4J23005-10	Vapor	5	10/23/14 10:41	10/23/14 14:09
VOCs Gasoline Range Organics Vapor					
VEW-32	4J23005-01	Vapor	5	10/23/14 11:28	10/23/14 14:09
VEW-33	4J23005-02	Vapor	5	10/23/14 11:21	10/23/14 14:09
VEW-34	4J23005-03	Vapor	5	10/23/14 11:15	10/23/14 14:09
VEW-35	4J23005-04	Vapor	5	10/23/14 12:12	10/23/14 14:09
VEW-36	4J23005-05	Vapor	5	10/23/14 12:16	10/23/14 14:09
VEW-37	4J23005-06	Vapor	5	10/23/14 12:23	10/23/14 14:09
HW-1	4J23005-07	Vapor	5	10/23/14 10:29	10/23/14 14:09

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331136
Date Received: 10/23/14
Date Reported: 11/03/14

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
HW-3	4J23005-08	Vapor	5	10/23/14 10:33	10/23/14 14:09
HW-5	4J23005-09	Vapor	5	10/23/14 10:37	10/23/14 14:09
HW-7	4J23005-10	Vapor	5	10/23/14 10:41	10/23/14 14:09

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

VEW-32

4J23005-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	99.2 %	70-140
Dibromofluoromethane	94.3 %	70-140
Toluene-d8	100 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

VEW-33

4J23005-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	101 %	70-140
Dibromofluoromethane	97.9 %	70-140
Toluene-d8	98.1 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

VEW-34

4J23005-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	101 %	70-140
Dibromofluoromethane	97.9 %	70-140
Toluene-d8	97.4 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

VEW-35

4J23005-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	101 %	70-140
Dibromofluoromethane	99.2 %	70-140
Toluene-d8	99.6 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

VEW-36

4J23005-05 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	105 %	70-140
Dibromofluoromethane	97.3 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

VEW-37

4J23005-06 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	103 %	70-140
Dibromofluoromethane	101 %	70-140
Toluene-d8	99.8 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

HW-1

4J23005-07 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	102 %	70-140
Dibromofluoromethane	96.3 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

HW-3

4J23005-08 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	99.9 %	70-140
Dibromofluoromethane	99.0 %	70-140
Toluene-d8	98.6 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

HW-5

4J23005-09 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	98.9 %	70-140
Dibromofluoromethane	96.2 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	10/24/14

HW-7

4J23005-10 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	101 %	70-140
Dibromofluoromethane	93.0 %	70-140
Toluene-d8	103 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

VEW-32

4J23005-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**76**	ug/L	20	**19**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	101 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

VEW-33

4J23005-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**27**	ug/L	20	**6.6**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	91.2 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

VEW-34

4J23005-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	89.3 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

VEW-35

4J23005-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	95.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

VEW-36

4J23005-05 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	94.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

VEW-37

4J23005-06 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**53**	ug/L	20	**13**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	96.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

HW-1

4J23005-07 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	90.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

HW-3

4J23005-08 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	91.6 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

HW-5

4J23005-09 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	85.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14
Matrix:	Vapor	**Sampled:**	10/23/14
Dilution:	1	**Prepared:**	10/24/14
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	10/24/14

HW-7

4J23005-10 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	<20	ug/L	20	<4.9	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	87.0 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331136
Date Received: 10/23/14
Date Reported: 11/03/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs BTEX/MTBE Vapor by GC/MS 8260M - Quality Control										
*Batch B4J2404 - *** DEFAULT PREP ****										
Blank (B4J2404-BLK1)				Prepared & Analyzed: 10/24/14						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50*		*98.8*	*70-140*			
Surrogate: Dibromofluoromethane	*46.8*		*ug/L*	*50*		*93.5*	*70-140*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50*		*103*	*70-140*			
LCS (B4J2404-BS1)				Prepared & Analyzed: 10/24/14						
Benzene	**19.4**	0.50	ug/L	20		96.9	75-125			
Ethylbenzene	**21.8**	0.50	ug/L	20		109	75-125			
Methyl-tert-Butyl Ether (MTBE)	**17.1**	2.0	ug/L	20		85.5	75-125			
Toluene	**21.4**	0.50	ug/L	20		107	75-125			
o-Xylene	**20.5**	0.50	ug/L	20		103	75-125			
m,p-Xylenes	**42.4**	1.0	ug/L	40		106	75-125			
Surrogate: 4-Bromofluorobenzene	*47.6*		*ug/L*	*50*		*95.1*	*70-140*			
Surrogate: Dibromofluoromethane	*47.7*		*ug/L*	*50*		*95.4*	*70-140*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50*		*101*	*70-140*			
LCS Dup (B4J2404-BSD1)				Prepared & Analyzed: 10/24/14						
Benzene	**19.8**	0.50	ug/L	20		99.0	75-125	2.19	30	
Ethylbenzene	**23.5**	0.50	ug/L	20		117	75-125	7.23	30	
Methyl-tert-Butyl Ether (MTBE)	**18.1**	2.0	ug/L	20		90.5	75-125	5.68	30	
Toluene	**22.6**	0.50	ug/L	20		113	75-125	5.51	30	
o-Xylene	**21.8**	0.50	ug/L	20		109	75-125	6.01	30	
m,p-Xylenes	**45.2**	1.0	ug/L	40		113	75-125	6.57	30	
Surrogate: 4-Bromofluorobenzene	*47.8*		*ug/L*	*50*		*95.6*	*70-140*			
Surrogate: Dibromofluoromethane	*47.0*		*ug/L*	*50*		*94.1*	*70-140*			
Surrogate: Toluene-d8	*51.1*		*ug/L*	*50*		*102*	*70-140*			
Duplicate (B4J2404-DUP1)			**Source: 4J23005-10**	Prepared & Analyzed: 10/24/14						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5331136
Date Received: 10/23/14
Date Reported: 11/03/14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs BTEX/MTBE Vapor by GC/MS 8260M - Quality Control										
*Batch B4J2404 - *** DEFAULT PREP ****										
Duplicate (B4J2404-DUP1) Continued			**Source: 4J23005-10**	Prepared & Analyzed: 10/24/14						
Benzene	**<0.50**	0.50	ug/L		<0.50				30	
Ethylbenzene	**<0.50**	0.50	ug/L		<0.50				30	
Methyl-tert-Butyl Ether (MTBE)	**<2.0**	2.0	ug/L		<2.0				30	
Toluene	**<0.50**	0.50	ug/L		<0.50				30	
o-Xylene	**<0.50**	0.50	ug/L		<0.50				30	
m,p-Xylenes	**<1.0**	1.0	ug/L		<1.0				30	
Surrogate: 4-Bromofluorobenzene	*50.4*		*ug/L*	*50*		*101*	*70-140*			
Surrogate: Dibromofluoromethane	*47.1*		*ug/L*	*50*		*94.1*	*70-140*			
Surrogate: Toluene-d8	*51.1*		*ug/L*	*50*		*102*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B4J2909 - *** DEFAULT PREP ****										
Blank (B4J2909-BLK1)				Prepared & Analyzed: 10/24/14						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*48.5*		*ug/L*	*50*		*96.9*	*70-130*			
LCS (B4J2909-BS1)				Prepared & Analyzed: 10/24/14						
Gasoline Range Organics (GRO)	**498**	20	ug/L	500		99.7	75-125			
Surrogate: a,a,a-Trifluorotoluene	*53.8*		*ug/L*	*50*		*108*	*70-130*			
LCS Dup (B4J2909-BSD1)				Prepared & Analyzed: 10/24/14						
Gasoline Range Organics (GRO)	**472**	20	ug/L	500		94.4	75-125	5.40	30	
Surrogate: a,a,a-Trifluorotoluene	*51.2*		*ug/L*	*50*		*102*	*70-130*			
Duplicate (B4J2909-DUP1)			**Source: 4J23005-10**	Prepared & Analyzed: 10/24/14						
Gasoline Range Organics (GRO)	**<20**	20	ug/L		<20				30	
Surrogate: a,a,a-Trifluorotoluene	*42.8*		*ug/L*	*50*		*85.6*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331136
Project No:	04-NDLA-001	**Date Received:**	10/23/14
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	11/03/14

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

12071

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

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 04-SDLA	**Sampler's Name:** Glenn Androsko	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Androsko	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:** 04-NDLA-001	
Fax: 569-597-1070	**State & Zip:** CA 90650	**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.	[redacted]	Date	Time	Sample Matrix	No. of Cont	Total VOCs as Gas 8015	BTEX/MTBE 8260B								Special Instructions
						Please enter the TAT Turnaround Codes ** below									
VEW-32	4J23005-01	10-23-14	1128	Air	1	✓	✓								
VEW-33	-02		1121	Air	1	✓	✓								
VEW-34	-03		1115	Air	1	✓	✓								
VEW-35	-04		1212	Air	1	✓	✓								
VEW-36	-05		1216	Air	1	✓	✓								
VEW-37	-06		1223	Air	1	✓	✓								
HW-1	-07		1029	Air	1	✓	✓								
HW-3	-08		1033	Air	1	✓	✓								
HW-5	-09		1037	Air	1	✓	✓								
HW-7	-10	↓	1041	Air	1	✓	✓								

PRIORITY ✓
Rush Hrs SH
Date 10/23/14 Time 1530 Sign

A5331136/4J23005

Relinquished by: Glenn Androsko	Date: 10-23-14	Time: 1750	Received by:
Relinquished by:	Date: 10/23/14	Time: 1403	Received by:
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.