REMEDIATION STATUS REPORT – FIRST QUARTER 2015

DEFENSE FUEL SUPPORT POINT NORWALK
15306 Norwalk Boulevard
Norwalk, California

04-NDLA-001

Prepared For:

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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 Quantified as Gasoline
TPHd	Total Petroleum Hydrocarbons Quantified 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, and HW-3), AST 80008 area (VEW-24, VEW-25, VEW-26, VEW-27, HW-5, and HW-7), AST 55004 area (VEW-28, VEW-29, and VEW-30), eastern boundary area (VEW-32, VEW-33, VEW-34, VEW-35, VEW-36, and VEW-37), water tank area (VEW-31), and truck fueling area (VW-07, VW-09, VW-10, VW-11, VW-12, VW-13, VW-14, VW-15, and 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 Construct A/N 568793, formerly Permit to Operate G12863, A/N 518989. The new Permit to Construct was issued on March 6, 2015 to reflect the addition of on-site, aboveground soil treatment activities. 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 and GW-13), central tank farm area (GW-14), and eastern boundary area (GW-15, GW-16, and 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, and BF3), two MYCELX vessels in series (MX-7 and MX-21), three GAC vessels in series (2,000 pound GAC-1, 2,000 pound GAC-2, and 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, 8f, and 8g.

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 GWETS influent and effluent groundwater samples; and
- Monitored aboveground soil treatment piles.

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.

Performance and compliance soil vapor samples from the VES were collected during the reporting period on January 14, February 20, and March 27, 2015. The vapor samples were delivered to American Analytics, Inc. of Chatsworth, California (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 first two months of the reporting period pending replacement of resin in ion exchange vessels (for arsenic treatment) and for troubleshooting elevated system back pressure. Following replacement of the resin in the ion

exchange vessels and performance of maintenance activities to reduce system back pressure, the GWETS was restarted on February 25, 2015.

Performance and compliance water samples from the GWETS were collected during the reporting period on January 14, February 20 and 25, and March 27, 2015. The water samples were delivered to ELAP certified American for analysis.

The water samples were analyzed for the following:

- TPHg and TPH quantified 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; and
- Biological oxygen demand (BOD) using SM 5210 B.

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, 8f, and 8g.

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, and HW-7) and three vertical wells in the northeastern area (VEW-32, VEW-33, and VEW-34).

The total mass of VOCs removed by SVE during this reporting period was approximately 11.5 pounds and approximately 2,934,684 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 342,827 gallons and approximately 72,181,142 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 7.6 pounds (Table 2c) during the first quarter 2015 and approximately 9,935 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, TF-18, and GMW-7. LNAPL was removed during the reporting period by vacuum truck, passive skimmer, and by utilizing absorbent socks installed in select wells. Approximately 104.7 gallons (716.3 pounds) of LNAPL was recovered from the Site via vacuum truck, passive skimmer, and absorbent socks during the reporting period (Tables 8a through 8g).

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 first quarter 2015, influent vapor-phase VOC concentrations remained low/asymptotic. Individual well vapor concentrations were measured with a photoionization detector (PID) on March 30, 2015. Prior to measuring the individual well vapor concentrations, the influent vapor valve was discovered to be frozen and mostly closed. The valve was loosened and opened further prior to measuring individual well vapor concentrations. SGI will continue to monitor individual well and influent vapor concentrations and modify online wells and the influent vapor valve position as necessary.

As discussed in SGI's *Second Semiannual 2014 Groundwater Monitoring Report*, dated January 28, 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 SECOND QUARTER 2015 ACTIVITIES

During the second 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 second 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 potential re-use of GWETS discharge water on site;
- Evaluate re-implementation of the biosparge system; and
- Implement on-site soil excavation and ex-situ biopile remediation.

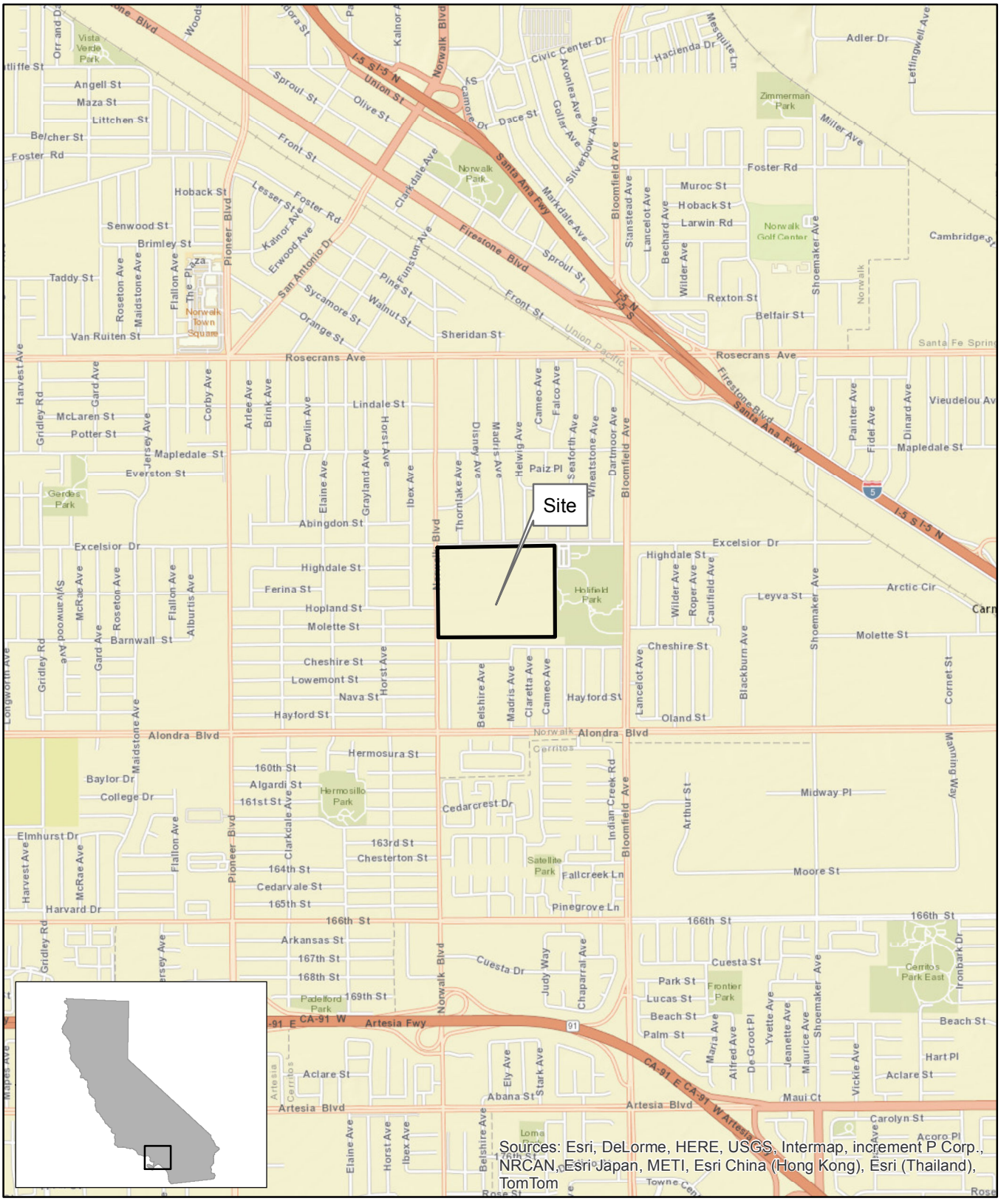
The VES and GWETS for the northwest, northeast, and north-central areas will continue to operate and LNAPL recovery will continue. The remediation activities and progress for the second quarter 2015 will be described in the Second Quarter 2015 Remediation Progress Report to be submitted by August 15,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

Throughout the remainder of 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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1962 FREEMAN AVENUE
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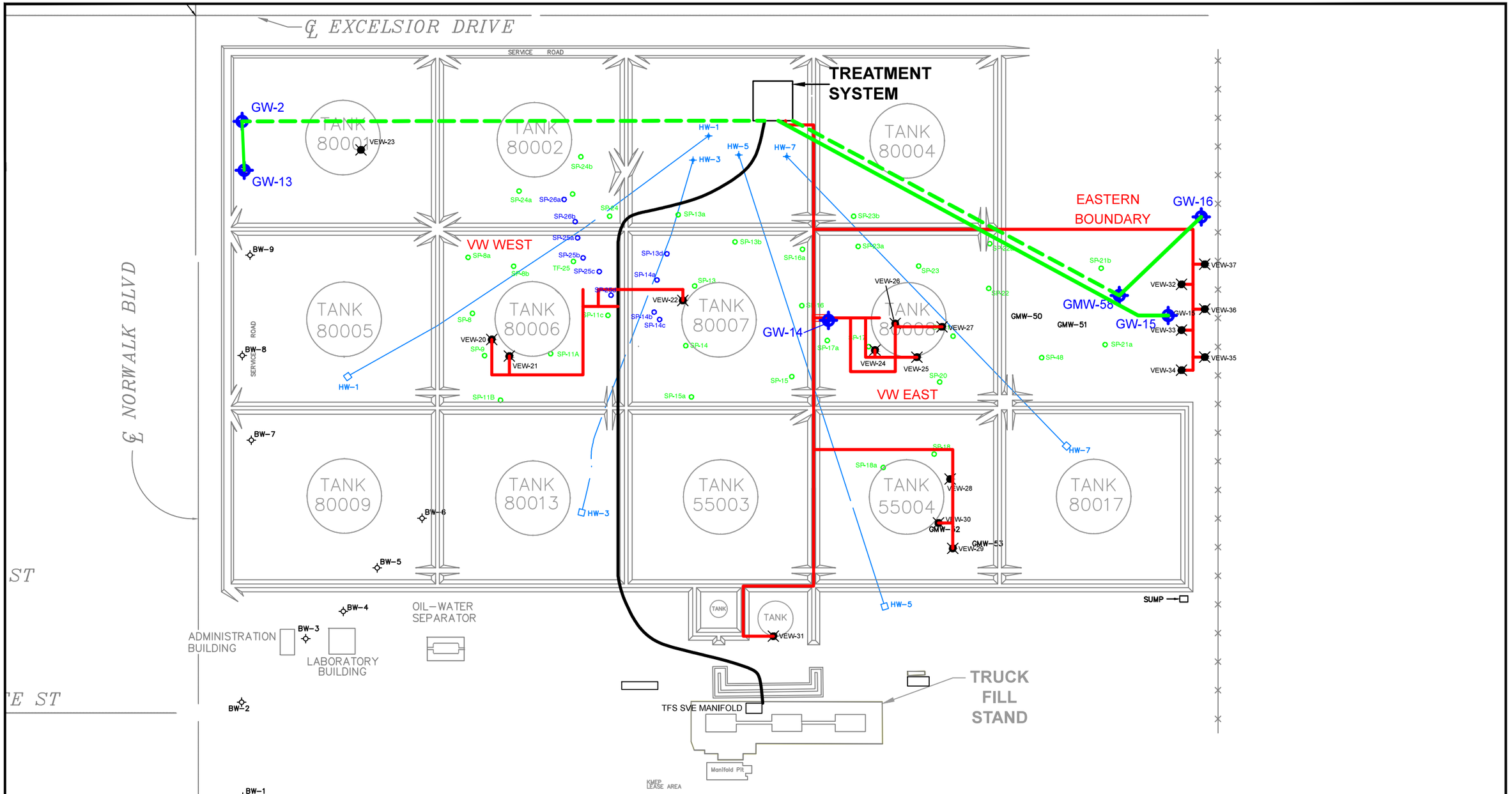
(562) 597-1055

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

SGI environmental THE SOURCE GROUP, INC.
1962 FREEMAN AVENUE
SIGNAL HILL, CA 90755

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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 - January
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)
01/01/15	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
01/02/15	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
01/03/15	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
01/04/15	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
01/05/15	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
01/06/15	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
01/07/15	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
01/08/15	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
01/09/15	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
01/10/15	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
01/11/15	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
01/12/15	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
01/13/15	Technician	1,2	3,766,331	2,497,096	1,004,483	6,547,203	7,551,685	6,263,427	71,838,315	--	9,927
01/14/15	Technician	3,4	3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	4,600	9,928
01/15/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/16/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/17/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/18/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/19/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/20/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/21/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/22/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/23/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/24/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/25/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/26/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/27/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/28/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/29/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/30/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
01/31/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928

Cumulative Groundwater Discharged by the GWETS to Date (gallons)							
Period	January	Quarter 1, 2015	Quarter 2, 2015	Quarter 3, 2015	Quarter 4, 2015	2015 to Date	April 1996 to Date
Volume	9,845	9,845	--	--	--	9,845	71,848,160

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	January	Quarter 1 to Date	April 1996 to Date
Mass	0.38	0.38	9,927.62

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

Legend / Notes:

1 = GWETS off line since manually shut down on 12/17/14.
2 = GWETS restarted.
3 = Collected monthly process, intermediate, and effluent water samples for laboratory analysis.
4 = GWETS manually shut down for maintenance.

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: 12/17/14 and 01/14/15 (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 - February
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)
02/01/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/02/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/03/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/04/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/05/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/06/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/07/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/08/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/09/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/10/15	Off line		3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/11/15	Technician	1	3,771,277	2,502,171	1,006,060	6,549,063	7,555,123	6,273,448	71,848,160	--	9,928
02/12/15	*		3,777,204	2,508,156	1,009,669	6,553,443	7,563,112	6,285,360	71,863,575	--	9,928
02/13/15	Technician	2	3,782,843	2,513,851	1,013,103	6,557,610	7,570,713	6,296,694	71,878,240	--	9,929
02/14/15	Off line		3,782,843	2,513,851	1,013,103	6,557,610	7,570,713	6,296,694	71,878,240	--	9,929
02/15/15	Off line		3,782,843	2,513,851	1,013,103	6,557,610	7,570,713	6,296,694	71,878,240	--	9,929
02/16/15	Off line		3,782,843	2,513,851	1,013,103	6,557,610	7,570,713	6,296,694	71,878,240	--	9,929
02/17/15	Technician	1,2	3,782,843	2,513,851	1,013,103	6,557,610	7,570,713	6,296,694	71,878,240	--	9,929
02/18/15	Off line		3,783,245	2,514,268	1,013,354	6,557,873	7,571,228	6,297,513	71,878,658	--	9,929
02/19/15	Off line		3,783,647	2,514,685	1,013,606	6,558,136	7,571,742	6,298,331	71,879,076	--	9,929
02/20/15	Technician	1,3,2	3,784,021	2,515,073	1,013,840	6,558,382	7,572,222	6,299,094	71,879,465	2,500	9,929
02/21/15	Off line		3,784,362	2,515,435	1,014,045	6,558,577	7,572,623	6,299,797	71,880,688	--	9,929
02/22/15	Off line		3,784,703	2,515,797	1,014,251	6,558,773	7,573,024	6,300,501	71,881,911	--	9,929
02/23/15	Technician	1,2	3,785,071	2,516,188	1,014,472	6,558,984	7,573,456	6,301,259	71,883,230	--	9,929
02/24/15	Off line		3,785,993	2,517,672	1,015,535	6,559,935	7,575,470	6,303,666	71,886,616	--	9,929
02/25/15	Technician	1,3	3,787,031	2,519,342	1,016,730	6,561,005	7,577,735	6,306,373	71,890,425	--	9,929
02/26/15	Technician		3,789,973	2,523,793	1,019,717	6,563,888	7,583,605	6,313,766	71,900,260	--	9,929
02/27/15	*		3,793,948	2,527,317	1,023,481	6,567,454	7,590,936	6,321,265	71,911,742	--	9,929
02/28/15	*		3,797,923	2,530,840	1,027,246	6,571,020	7,598,266	6,328,763	71,923,224	--	9,930

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	February	Quarter 1, 2015	Quarter 2, 2015	Quarter 3, 2015	Quarter 4, 2015	2015 to Date	April 1996 to Date
Volume	75,064	84,909	--	--	--	84,909	71,923,224

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	February	Quarter 1 to Date	April 1996 to Date
Mass	2.11	2.49	9,929.72

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

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: 01/14/15 and 02/20/15 (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 - March
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)
03/01/15	*		3,801,898	2,534,364	1,031,010	6,574,587	7,605,597	6,336,262	71,934,706	--	9,930
03/02/15	Technician		3,805,694	2,537,728	1,034,605	6,577,992	7,612,597	6,343,422	71,945,670	--	9,930
03/03/15	*		3,809,743	2,541,282	1,037,957	6,581,537	7,619,494	6,351,025	71,957,383	--	9,930
03/04/15	Technician		3,814,088	2,545,095	1,041,554	6,585,340	7,626,894	6,359,183	71,969,950	--	9,931
03/05/15	Technician		3,818,161	2,548,631	1,044,902	6,588,955	7,633,857	6,366,792	71,979,665	--	9,931
03/06/15	*		3,822,304	2,552,084	1,048,464	6,592,470	7,640,935	6,374,387	71,990,745	--	9,931
03/07/15	*		3,826,446	2,555,536	1,052,027	6,595,985	7,648,012	6,381,983	72,001,825	--	9,931
03/08/15	*		3,830,589	2,558,989	1,055,589	6,599,501	7,655,090	6,389,578	72,012,905	--	9,932
03/09/15	*		3,834,732	2,562,441	1,059,152	6,603,016	7,662,167	6,397,173	72,023,986	--	9,932
03/10/15	*		3,838,875	2,565,894	1,062,714	6,606,531	7,669,245	6,404,768	72,035,066	--	9,932
03/11/15	Technician		3,843,262	2,569,550	1,066,487	6,610,254	7,676,741	6,412,812	72,046,800	--	9,932
03/12/15	*		3,847,488	2,573,006	1,070,100	6,613,833	7,683,933	6,420,494	72,058,398	--	9,933
03/13/15	Technician		3,851,288	2,576,115	1,073,350	6,617,052	7,690,402	6,427,403	72,068,828	--	9,933
03/14/15	*		3,854,638	2,579,600	1,077,316	6,620,760	7,698,076	6,434,239	72,080,148	--	9,933
03/15/15	*		3,857,989	2,583,086	1,081,282	6,624,469	7,705,751	6,441,075	72,091,467	--	9,933
03/16/15	Technician		3,861,037	2,586,258	1,084,890	6,627,843	7,712,733	6,447,295	72,101,765	--	9,933
03/17/15	*		3,864,904	2,588,455	1,086,283	6,631,489	7,717,773	6,453,359	72,109,353	--	9,934
03/18/15	*		3,868,770	2,590,653	1,087,677	6,635,136	7,722,813	6,459,423	72,116,941	--	9,934
03/19/15	Technician	1	3,872,650	2,592,859	1,089,075	6,638,796	7,727,871	6,465,509	72,124,555	--	9,934
03/20/15	*		3,876,681	2,595,820	1,089,075	6,640,639	7,729,714	6,472,501	72,130,363	--	9,934
03/21/15	*		3,880,712	2,598,781	1,089,075	6,642,482	7,731,557	6,479,493	72,136,172	--	9,934
03/22/15	*		3,884,743	2,601,743	1,089,075	6,644,325	7,733,400	6,486,485	72,141,980	--	9,934
03/23/15	*		3,888,774	2,604,704	1,089,075	6,646,168	7,735,243	6,493,477	72,147,789	--	9,934
03/24/15	*		3,892,804	2,607,665	1,089,075	6,648,011	7,737,086	6,500,469	72,153,597	--	9,935
03/25/15	*	2	3,896,835	2,610,626	1,089,075	6,649,854	7,738,929	6,507,461	72,159,406	--	9,935
03/26/15	*		3,900,866	2,613,587	1,089,075	6,651,697	7,740,772	6,514,454	72,165,214	--	9,935
03/27/15	Technician	3,4	3,905,065	2,616,672	1,089,075	6,653,617	7,742,692	6,521,737	72,171,265	620	9,935
03/28/15	*		3,905,607	2,617,062	1,089,319	6,654,107	7,743,426	6,522,669	72,172,734	--	9,935
03/29/15	*		3,906,149	2,617,452	1,089,562	6,654,597	7,744,159	6,523,601	72,174,203	--	9,935
03/30/15	Technician		3,906,650	2,617,812	1,089,787	6,655,050	7,744,837	6,524,462	72,175,560	--	9,935
03/31/15	*		3,909,251	2,619,658	1,091,060	6,657,514	7,748,575	6,528,909	72,181,142	--	9,935

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	March	Quarter 1, 2015	Quarter 2, 2015	Quarter 3, 2015	Quarter 4, 2015	2015 to Date	April 1996 to Date
Volume	257,917	342,827	--	--	--	342,827	72,181,142

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	March	Quarter 1 to Date	April 1996 to Date
Mass	5.13	7.62	9,934.86

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

Legend / Notes:

1 = GW-15 off line on arrival.
2 = GW-16 off line.
3 = GW-15 and GW-16 restarted.
4 = 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: 02/20/15 and 03/27/15 (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 - January
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)
01/01/15	*		25,832	141	--	--	--	--	--	2,934,672.7
01/02/15	*		25,856	141	--	--	--	--	--	2,934,672.8
01/03/15	*		25,880	141	--	--	--	--	--	2,934,673.0
01/04/15	*		25,904	141	--	--	--	--	--	2,934,673.1
01/05/15	Technician		25,928	131	8	106	--	--	--	2,934,673.2
01/06/15	*		25,952	131	--	--	--	--	--	2,934,673.3
01/07/15	Technician	1	25,975	133	8	110	--	--	--	2,934,673.5
01/08/15	*		25,999	133	--	--	--	--	--	2,934,673.6
01/09/15	Technician		26,023	139	8	100	--	0.1	0.2	2,934,673.7
01/10/15	*		26,047	139	--	--	--	--	--	2,934,673.8
01/11/15	*		26,071	139	--	--	--	--	--	2,934,673.9
01/12/15	Technician		26,095	137	8	100	--	--	--	2,934,674.1
01/13/15	*		26,119	137	--	--	--	--	--	2,934,674.2
01/14/15	Technician	2	26,143	138	8	104	2.4	1.5	1.1	2,934,674.3
01/15/15	*		26,167	138	--	--	--	--	--	2,934,674.4
01/16/15	Technician		26,191	142	8	108	--	--	--	2,934,674.6
01/17/15	*		26,215	142	--	--	--	--	--	2,934,674.7
01/18/15	*		26,239	142	--	--	--	--	--	2,934,674.8
01/19/15	*		26,263	142	--	--	--	--	--	2,934,675.0
01/20/15	Technician	3	26,287	142	8	88	--	--	--	2,934,675.1
01/21/15	*		26,311	142	--	--	--	--	--	2,934,675.2
01/22/15	*		26,335	142	--	--	--	--	--	2,934,675.3
01/23/15	Technician	4	26,359	139	8	110	--	4.2	0.3	2,934,675.5
01/24/15	*		26,383	139	--	--	--	--	--	2,934,675.6
01/25/15	*		26,407	139	--	--	--	--	--	2,934,675.7
01/26/15	*		26,431	139	--	--	--	--	--	2,934,675.8
01/27/15	*		26,455	139	--	--	--	--	--	2,934,676.0
01/28/15	Technician		26,479	137	8	106	--	--	--	2,934,676.1
01/29/15	*		26,503	137	--	--	--	--	--	2,934,676.2
01/30/15	Technician		26,527	135	8	94	--	1.7	0.0	2,934,676.3
01/31/15	*		26,551	135	--	--	--	--	--	2,934,676.4

Cumulative Mass TPHg Removed by the VES [D] (lb)			
Period	January	Quarter 1 to Date	April 1996 to Date
Mass	3.9	3.9	2,934,676.4

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

Legend / Notes:

1 = VES temporarily shut down for maintenance.
2 = Collected monthly influent, after GAC-1, after GAC-2, and Effluent samples for laboratory analysis.
3 = Closed vapor extraction wells VEW-32, VEW-33, and VEW-34 for piping repairs.
4 = Opened vapor extraction wells VEW-32, VEW-33, and VEW-34 following piping repairs.

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: 12/17/14 and 01/14/15 (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 - February
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)
02/01/15	*		26,575	135	--	--	--	--	--	2,934,676.6
02/02/15	*		26,599	135	--	--	--	--	--	2,934,676.7
02/03/15	*		26,623	135	--	--	--	--	--	2,934,676.8
02/04/15	*		26,647	135	--	--	--	--	--	2,934,676.9
02/05/15	Technician		26,670	144	8	110	--	1.0	0.5	2,934,677.1
02/06/15	*		26,694	144	--	--	--	--	--	2,934,677.2
02/07/15	*		26,718	144	--	--	--	--	--	2,934,677.3
02/08/15	*		26,742	144	--	--	--	--	--	2,934,677.5
02/09/15	Technician		26,766	141	8	104	--	--	--	2,934,677.6
02/10/15	*		26,790	141	--	--	--	--	--	2,934,677.7
02/11/15	Technician	1	26,815	137	8	116	--	--	--	2,934,677.8
02/12/15	*		26,839	137	--	--	--	--	--	2,934,678.0
02/13/15	Technician		26,863	149	7	112	--	3.4	0.4	2,934,678.1
02/14/15	*		26,887	149	--	--	--	--	--	2,934,678.2
02/15/15	*		26,911	149	--	--	--	--	--	2,934,678.4
02/16/15	*		26,935	149	--	--	--	--	--	2,934,678.5
02/17/15	Technician		26,958	158	7	88	--	--	--	2,934,678.6
02/18/15	*		26,982	158	--	--	--	--	--	2,934,678.8
02/19/15	*		27,006	158	--	--	--	--	--	2,934,678.9
02/20/15	Technician	2	27,031	140	7	95	2.4	1.5	0.7	2,934,679.0
02/21/15	*		27,055	140	--	--	--	--	--	2,934,679.2
02/22/15	*		27,079	140	--	--	--	--	--	2,934,679.3
02/23/15	*		27,103	140	--	--	--	--	--	2,934,679.4
02/24/15	*		27,127	140	--	--	--	--	--	2,934,679.5
02/25/15	*		27,151	140	--	--	--	--	--	2,934,679.7
02/26/15	Technician		27,169	140	7	98	--	0.8	0.0	2,934,679.8
02/27/15	*		27,193	140	--	--	--	--	--	2,934,679.9
02/28/15	*		27,217	140	--	--	--	--	--	2,934,680.0

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	February	Quarter 1 to Date	April 1996 to Date
Mass	3.6	7.5	2,934,680.0

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

Legend / Notes:

1 = Increase dilution air to reduce carbon inlet temperature.
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: 01/14/15 and 02/20/15 (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 - March
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)
03/01/15	*		27,241	140	--	--	--	--	--	2,934,680.2
03/02/15	Technician		27,265	132	7	78	--	--	--	2,934,680.3
03/03/15	*		27,289	132	--	--	--	--	--	2,934,680.4
03/04/15	Technician		27,313	139	7	104	--	--	--	2,934,680.5
03/05/15	Technician		27,337	142	7	108	--	0.6	0.0	2,934,680.7
03/06/15	*		27,361	142	--	--	--	--	--	2,934,680.8
03/07/15	*		27,385	142	--	--	--	--	--	2,934,680.9
03/08/15	*		27,409	142	--	--	--	--	--	2,934,681.0
03/09/15	*		27,433	142	--	--	--	--	--	2,934,681.2
03/10/15	*		27,457	142	--	--	--	--	--	2,934,681.3
03/11/15	Technician		27,480	142	7	96	--	1.1	0.0	2,934,681.4
03/12/15	*		27,504	142	--	--	--	--	--	2,934,681.6
03/13/15	Technician	1	27,528	134	7	120	--	--	--	2,934,681.7
03/14/15	*		27,552	134	--	--	--	--	--	2,934,681.8
03/15/15	*		27,576	134	--	--	--	--	--	2,934,681.9
03/16/15	Technician	1	27,600	153	6	104	--	--	--	2,934,682.0
03/17/15	*		27,624	153	--	--	--	--	--	2,934,682.2
03/18/15	*		27,648	153	--	--	--	--	--	2,934,682.3
03/19/15	Technician		27,672	154	8	--	--	2.5	0.0	2,934,682.5
03/20/15	*		27,696	154	--	--	--	--	--	2,934,682.6
03/21/15	*		27,720	154	--	--	--	--	--	2,934,682.7
03/22/15	*		27,744	154	--	--	--	--	--	2,934,682.9
03/23/15	*		27,768	154	--	--	--	--	--	2,934,683.0
03/24/15	*		27,792	154	--	--	--	--	--	2,934,683.2
03/25/15	*		27,816	154	--	--	--	--	--	2,934,683.3
03/26/15	*		27,840	154	--	--	--	--	--	2,934,683.4
03/27/15	Technician	2	27,863	144	7	120	2.4	3.4	0.0	2,934,683.6
03/28/15	*		27,887	144	--	--	--	--	--	2,934,683.7
03/29/15	*		27,911	144	--	--	--	--	--	2,934,683.8
03/30/15	Technician	3	27,935	142	7	120	--	--	--	2,934,683.9
03/31/15	*		27,959	142	--	--	--	--	--	2,934,684.1

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	March	Quarter 1 to Date	April 1996 to Date
Mass	4.0	11.5	2,934,684.1

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

Legend / Notes:

1 = VES temporarily shut down for maintenance.
2 = Collected monthly influent, after GAC-1, after GAC-2, and Effluent samples for laboratory analysis.
3 = 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: 02/20/15 and 03/27/15 (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
01/14/15		VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	1.5	<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
02/20/15		VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	1.5	<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
03/27/15		VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	3.4	<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

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)
01/14/15	4,1	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**4,600**	**3,800**	**150**	**2.8**	**29**	**130**	**37**	<7.0	<0.40	<0.50	<0.40	<0.30
02/20/15	4,1	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**2,500**	**8,100**	**230**	**9.8**	**220**	**880**	**220**	<7.0	**0.45**	<0.50	<0.40	<0.30
03/27/15		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**620**	**980**	**9.9**	<0.30	**2.7**	**18**	**5.9**	<7.0	**1.0**	<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	4	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	4	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
03/30/15	4,5	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	24.3	382.1	61.7	1.8	2.5	0.1	0.3	4.8	20.2	1.0

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.
4 = Offline wells temporarily opened for monitoring, then returned to closed position.
5 = Readings collected following slightly opening well field valve to vapor extraction system.

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 - 1st Quarter 2015
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)
01/07/15	30.68	36.43	5.75	21	No Sock in Well	No Sock in Well	71.5	489.3
01/16/15	31.68	32.98	1.30	0.0	No Sock in Well	No Sock in Well	71.5	489.3
01/23/15	31.53	33.52	1.99	0.0	No Sock in Well	No Sock in Well	71.5	489.3
01/30/15	31.48	34.21	2.73	0.0	No Sock in Well	No Sock in Well	71.5	489.3
02/03/15	31.24	34.33	3.09	24	No Sock in Well	No Sock in Well	95.5	653.5
02/11/15	31.75	32.96	1.21	0.0	No Sock in Well	No Sock in Well	95.5	653.5
02/18/15	31.57	33.43	1.86	10	No Sock in Well	No Sock in Well	105.5	722.0
03/05/15	32.08	33.51	1.43	0.0	No Sock in Well	No Sock in Well	105.5	722.0
03/12/15	32.02	34.12	2.10	0.0	No Sock in Well	No Sock in Well	105.5	722.0
03/18/15	31.88	34.25	2.37	6.0	No Sock in Well	No Sock in Well	111.5	763.0

Cumulative for the Reporting Period:	**61.0**	**0.0**	**0.0**	**61.0**	**417.4**
Cumulative Beginning January 2014 [A]:	**111.5**	**0.0**	**0.0**	**111.5**	**763.0**

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.
1 = LNAPL was purged using a Geotech Product Recovery Canister Passive Skimmer.

TABLE 8b
Summary of LNAPL Removal in GMW-4 - 1st Quarter 2015
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)
01/07/15	Well Abandoned for Soil Excavation						

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 - 1st Quarter 2015
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)
01/09/15	--	32.51	0.00	0.0	32.0	37.4	17.5	120.0
01/16/15	--	32.56	0.00	0.0	24.0	28.1	17.8	121.5
01/23/15	--	32.56	0.00	0.0	28.0	32.7	18.0	123.2
01/30/15	--	32.54	0.00	0.0	36.0	42.1	18.3	125.5
02/11/15	--	32.62	0.00	0.0	52.0	60.8	18.8	128.7
03/05/15	--	32.68	0.00	0.0	16.0	18.7	19.0	129.7
03/12/15	--	32.72	0.00	0.0	20.0	23.4	19.1	131.0
03/30/15	--	32.75	0.00	0.0	20.0	23.4	19.3	132.2

Cumulative for the Reporting Period:	**0.0**	**228.0**	**266.5**	**2.1**	**14.2**
Cumulative [A]:	**5.0**	**1,616.0**	**1,888.9**	**19.3**	**132.2**

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 - 1st Quarter 2015
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)
01/07/15	Well Abandoned for Soil Excavation						
Cumulative for the Reporting Period:				**0.0**	**0.0**	**0.0**	**0.0**
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 - 1st Quarter 2015
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)
01/09/15	--	32.53	0.00	8.0	9.4	0.2	1.5
01/16/15	--	32.58	0.00	NA	NA	0.2	1.5
01/23/15	--	32.52	0.00	NA	NA	0.2	1.5
01/30/15	--	32.57	0.00	NA	NA	0.2	1.5
02/11/15	--	32.67	0.00	NA	NA	0.2	1.5
03/05/15	32.73	32.75	0.02	NA	NA	0.2	1.5
03/12/15	--	NM	NM	NA	NA	0.2	1.5
03/30/15	32.77	32.79	0.02	NA	NA	0.2	1.5

Cumulative for the Reporting Period:	**8.0**	**9.4**	**0.0**	**0.0**
Cumulative [A]:	**23.5**	**27.5**	**0.2**	**1.5**

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 - 1st Quarter 2015
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)
01/07/15	29.68	31.09	1.41	0.0	28.8	93.5	63.8	436.5
01/16/15	29.72	31.13	1.41	0.0	28.8	98.2	64.6	441.8
01/23/15	29.71	31.13	1.42	0.0	28.8	98.2	65.3	447.0
01/30/15	29.46	31.08	1.62	0.0	28.8	98.2	66.1	452.2
02/03/15	29.75	31.07	1.32	8.0	36.8	--	74.1	507.0
02/11/15	29.76	31.15	1.39	0.0	36.8	79.5	74.7	511.2
02/18/15	29.80	31.17	1.37	6.0	42.8	--	80.7	552.3
03/05/15	--	32.52	--	0.0	42.8	18.7	80.9	553.3
03/12/15	29.82	31.61	1.79	0.0	42.8	70.1	81.4	557.1
03/18/15	29.85	31.36	1.51	12.0	54.8	--	92.9	635.4
03/30/15	29.83	31.43	1.60	0.0	54.8	--	93.4	639.2

Cumulative for the Reporting Period:	**26.0**	**426.7**	**556.4**	**30.3**	**207.7**
Cumulative [A]:	**54.8**	**4,178.7**	**4,942.1**	**93.4**	**639.2**

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.

TABLE 8g
Summary of LNAPL Removal in GMW-7 - 1st Quarter 2015
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)
01/09/15	--	32.33	0.00	0.0	0.0	2.4	16.7
01/16/15	--	32.39	0.00	12.0	14.0	3.5	24.0
01/23/15	--	32.41	0.00	12.0	14.0	4.7	32.0
01/30/15	--	32.37	0.00	12.0	14.0	6.0	40.7
02/11/15	--	32.45	0.00	12.0	14.0	7.3	50.2
03/05/15	30	31.54	1.73	60.0	70.1	9.3	63.5
03/12/15	--	32.53	0.00	20.0	23.4	11.4	78.0
03/30/15	--	32.57	0.00	20.0	23.4	13.7	93.7

Cumulative for the Reporting Period:	**148.0**	**173.0**	**11.3**	**77.0**
Cumulative [A]:	**252.0**	**294.6**	**13.7**	**93.7**

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 November 2014. LNAPL removed prior to November 2014 can be found in previously submitted Remediation Progress Reports.

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

January 22, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5331212 / 5A14006

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/14/15 14:46 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: A5331212
Date Received: 01/14/15
Date Reported: 01/22/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	5A14006-01	Water	5	01/14/15 11:05	01/14/15 14:46
After GAC-1	5A14006-02	Water	5	01/14/15 11:00	01/14/15 14:46
After GAC-2	5A14006-03	Water	5	01/14/15 10:55	01/14/15 14:46
Arsenic Total EPA 200.7					
Surge Tank	5A14006-01	Water	5	01/14/15 11:05	01/14/15 14:46
After Bed-1	5A14006-04	Water	5	01/14/15 10:50	01/14/15 14:46
Diesel Range Organics 8015M					
Surge Tank	5A14006-01	Water	5	01/14/15 11:05	01/14/15 14:46
After GAC-1	5A14006-02	Water	5	01/14/15 11:00	01/14/15 14:46
After GAC-2	5A14006-03	Water	5	01/14/15 10:55	01/14/15 14:46

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: A5331212
Date Received: 01/14/15
Date Reported: 01/22/15
Units: ug/L

Date Sampled:	01/14/15	01/14/15	01/14/15		
Date Prepared:	01/21/15	01/21/15	01/21/15		
Date Analyzed:	01/21/15	01/22/15	01/22/15		
AA ID No:	5A14006-01	5A14006-02	5A14006-03		
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	**150**	<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	**29**	<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)	**3800**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	<0.40	<0.40	<0.40	0.40	2.0
Toluene	**2.8**	<0.30	<0.30	0.30	0.50
o-Xylene	**37**	<0.30	<0.30	0.30	0.50
m,p-Xylenes	**130**	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	96%	94%	93%		70-140
Dibromofluoromethane	84%	88%	86%		70-140
Toluene-d8	103%	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: A5331212
Date Received: 01/14/15
Date Reported: 01/22/15
Units: ug/L

Date Sampled:	01/14/15	01/14/15	01/14/15		
Date Prepared:	01/15/15	01/15/15	01/15/15		
Date Analyzed:	01/16/15	01/16/15	01/16/15		
AA ID No:	5A14006-01	5A14006-02	5A14006-03		
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	**4600**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	89%	95%	92%	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: A5331212
Date Received: 01/14/15
Date Reported: 01/22/15

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
5A14006-01	Surge Tank	01/14/15	01/16/15	01/16/15	1	**0.064**	mg/L	0.006	0.007
5A14006-04	After Bed-1	01/14/15	01/16/15	01/16/15	1	**0.0071**	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: A5331212
Date Received: 01/14/15
Date Reported: 01/22/15

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 B5A2112 - EPA 5030B										
Blank (B5A2112-BLK1)				Prepared & Analyzed: 01/21/15						
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	*45.6*		*ug/L*	*50*		*91.3*	*70-140*			
Surrogate: Dibromofluoromethane	*41.6*		*ug/L*	*50*		*83.3*	*70-140*			
Surrogate: Toluene-d8	*51.0*		*ug/L*	*50*		*102*	*70-140*			
LCS (B5A2112-BS1)				Prepared: 01/21/15 Analyzed: 01/22/15						
Benzene	**19.8**	0.20	ug/L	20		99.0	75-125			
Ethylbenzene	**21.6**	0.20	ug/L	20		108	75-125			
Methyl-tert-Butyl Ether (MTBE)	**18.4**	0.40	ug/L	20		92.0	70-135			
Toluene	**21.4**	0.30	ug/L	20		107	75-125			
o-Xylene	**19.7**	0.30	ug/L	20		98.4	75-125			
Surrogate: 4-Bromofluorobenzene	*47.8*		*ug/L*	*50*		*95.6*	*70-140*			
Surrogate: Dibromofluoromethane	*46.4*		*ug/L*	*50*		*92.7*	*70-140*			
Surrogate: Toluene-d8	*51.2*		*ug/L*	*50*		*102*	*70-140*			
Matrix Spike (B5A2112-MS1)				**Source: 5A20005-04** Prepared & Analyzed: 01/21/15						
Benzene	**19.8**	0.20	ug/L	20		99.2	70-130			
Ethylbenzene	**21.7**	0.20	ug/L	20		108	70-130			
Methyl-tert-Butyl Ether (MTBE)	**17.7**	0.40	ug/L	20		88.6	70-130			
Toluene	**21.1**	0.30	ug/L	20		105	70-130			
Surrogate: 4-Bromofluorobenzene	*47.7*		*ug/L*	*50*		*95.5*	*70-140*			
Surrogate: Dibromofluoromethane	*45.8*		*ug/L*	*50*		*91.6*	*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: A5331212
Date Received: 01/14/15
Date Reported: 01/22/15

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 B5A2112 - EPA 5030B										
Matrix Spike (B5A2112-MS1) Continued Source: 5A20005-04 Prepared & Analyzed: 01/21/15										
Surrogate: Toluene-d8	*50.8*		*ug/L*	*50*		*102*	*70-140*			
Matrix Spike Dup (B5A2112-MSD1) **Source: 5A20005-04** Prepared & Analyzed: 01/21/15										
Benzene	**20.5**	0.20	ug/L	20		103	70-130	3.47	30	
Ethylbenzene	**20.5**	0.20	ug/L	20		102	70-130	5.55	30	
Methyl-tert-Butyl Ether (MTBE)	**19.6**	0.40	ug/L	20		98.2	70-130	10.2	30	
Toluene	**20.4**	0.30	ug/L	20		102	70-130	3.04	30	
Surrogate: 4-Bromofluorobenzene	*47.5*		*ug/L*	*50*		*94.9*	*70-140*			
Surrogate: Dibromofluoromethane	*48.0*		*ug/L*	*50*		*96.1*	*70-140*			
Surrogate: Toluene-d8	*49.6*		*ug/L*	*50*		*99.2*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B5A1501 - EPA 3510C										
Blank (B5A1501-BLK1) Prepared: 01/15/15 Analyzed: 01/16/15										
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*40.7*		*ug/L*	*40*		*102*	*50-150*			
LCS (B5A1501-BS1) Prepared: 01/15/15 Analyzed: 01/16/15										
Diesel Range Organics as Diesel	**781**	60	ug/L	800		97.7	75-125		30	
Surrogate: o-Terphenyl	*55.1*		*ug/L*	*40*		*138*	*50-150*			
LCS Dup (B5A1501-BSD1) Prepared: 01/15/15 Analyzed: 01/16/15										
Diesel Range Organics as Diesel	**720**	60	ug/L	800		90.0	75-125	8.17	30	
Surrogate: o-Terphenyl	*51.7*		*ug/L*	*40*		*129*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B5A1601 - EPA 3010A										
Blank (B5A1601-BLK1) Prepared & Analyzed: 01/16/15										
Arsenic	<0.0060	0.0060	mg/L							
LCS (B5A1601-BS1) Prepared & Analyzed: 01/16/15										
Arsenic	**0.194**	0.0060	mg/L	0.20		97.2	80-120		20	
LCS Dup (B5A1601-BSD1) Prepared & Analyzed: 01/16/15										
Arsenic	**0.211**	0.0060	mg/L	0.20		105	80-120	7.95	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: A5331212
Date Received: 01/14/15
Date Reported: 01/22/15

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 B5A1601 - EPA 3010A										
Duplicate (B5A1601-DUP1)		**Source: 5A14005-01**	Prepared & Analyzed: 01/16/15							
Arsenic	**<0.0060**	0.0060	mg/L						30	
Matrix Spike (B5A1601-MS1)		**Source: 5A14006-04**	Prepared & Analyzed: 01/16/15							
Arsenic	**0.205**	0.0060	mg/L	0.20	0.00710	99.0	75-125		20	
Matrix Spike Dup (B5A1601-MSD1)		**Source: 5A14006-04**	Prepared & Analyzed: 01/16/15							
Arsenic	**0.220**	0.0060	mg/L	0.20	0.00710	106	75-125	6.78	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331212
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	01/22/15

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

121629

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	
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. ID	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	SA14006-01	1-14-15	1105	Water	5	✓	✓	✓	
After GAC-1	-02	↓	1100	Water	4	✓	✓		
After GAC-2	-03		1055	Water	4	✓	✓		
After Bed-1	-04	↓	1050	Water	1			✓	

REVIEWED Date 1/14/15 Time 1600 Sign TAT N Days

A5331212/SA14006

	Relinquished by	Date	Time	Received by
	Glenn Androsko	1-14-15	1215	
	Relinquished by	Date	Time	Received by
		1/14/15	1446	
	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

March 03, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5331246 / 5B20009

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 02/20/15 12:26 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: A5331246
Date Received: 02/20/15
Date Reported: 03/03/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	5B20009-01	Water	5	02/20/15 10:16	02/20/15 12:26
After GAC-1	5B20009-02	Water	5	02/20/15 10:09	02/20/15 12:26
After GAC-2	5B20009-03	Water	5	02/20/15 10:04	02/20/15 12:26
Arsenic Total EPA 200.7					
Surge Tank	5B20009-01	Water	5	02/20/15 10:16	02/20/15 12:26
After Bed-1	5B20009-04	Water	5	02/20/15 10:00	02/20/15 12:26
Diesel Range Organics 8015M					
Surge Tank	5B20009-01	Water	5	02/20/15 10:16	02/20/15 12:26
After GAC-1	5B20009-02	Water	5	02/20/15 10:09	02/20/15 12:26
After GAC-2	5B20009-03	Water	5	02/20/15 10:04	02/20/15 12:26

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: A5331246
Date Received: 02/20/15
Date Reported: 03/03/15
Units: ug/L

Date Sampled:	02/20/15	02/20/15	02/20/15		
Date Prepared:	02/24/15	02/24/15	02/24/15		
Date Analyzed:	02/25/15	02/25/15	02/25/15		
AA ID No:	5B20009-01	5B20009-02	5B20009-03		
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	**230**	<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	**220**	<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)	**8100**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	**0.45 J**	<0.40	<0.40	0.40	2.0
Toluene	**9.8**	<0.30	<0.30	0.30	0.50
o-Xylene	**220**	<0.30	<0.30	0.30	0.50
m,p-Xylenes	**880**	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	107%	112%	110%		70-140
Dibromofluoromethane	87%	81%	80%		70-140
Toluene-d8	113%	104%	109%		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: A5331246
Date Received: 02/20/15
Date Reported: 03/03/15
Units: ug/L

Date Sampled:	02/20/15	02/20/15	02/20/15		
Date Prepared:	02/25/15	02/25/15	02/25/15		
Date Analyzed:	02/26/15	02/27/15	02/27/15		
AA ID No:	5B20009-01	5B20009-02	5B20009-03		
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	**2500**	**69 J**	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	108%	107%	125%	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: A5331246
Date Received: 02/20/15
Date Reported: 03/03/15

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
5B20009-01	Surge Tank	02/20/15	02/24/15	02/27/15	1	**0.071**	mg/L	0.006	0.007
5B20009-04	After Bed-1	02/20/15	02/24/15	02/27/15	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: A5331246
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2408 - EPA 5030B										
Blank (B5B2408-BLK1)				Prepared & Analyzed: 02/24/15						
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	*55.6*		*ug/L*	*50*		*111*	*70-140*			
Surrogate: Dibromofluoromethane	*43.0*		*ug/L*	*50*		*85.9*	*70-140*			
Surrogate: Toluene-d8	*55.8*		*ug/L*	*50*		*112*	*70-140*			
LCS (B5B2408-BS1)				Prepared: 02/24/15 Analyzed: 02/25/15						
Benzene	**22.5**	0.20	ug/L	20		113	75-125			
Ethylbenzene	**21.6**	0.20	ug/L	20		108	75-125			
Methyl-tert-Butyl Ether (MTBE)	**20.7**	0.40	ug/L	20		104	70-135			
Toluene	**22.8**	0.30	ug/L	20		114	75-125			
o-Xylene	**18.5**	0.30	ug/L	20		92.4	75-125			
Surrogate: 4-Bromofluorobenzene	*55.2*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*45.3*		*ug/L*	*50*		*90.6*	*70-140*			
Surrogate: Toluene-d8	*55.6*		*ug/L*	*50*		*111*	*70-140*			
Matrix Spike (B5B2408-MS1)				**Source: 5B20005-03** Prepared & Analyzed: 02/24/15						
Benzene	**22.0**	0.20	ug/L	20		110	70-130			
Ethylbenzene	**21.7**	0.20	ug/L	20		108	70-130			
Methyl-tert-Butyl Ether (MTBE)	**20.6**	0.40	ug/L	20		103	70-130			
Toluene	**22.9**	0.30	ug/L	20		114	70-130			
Surrogate: 4-Bromofluorobenzene	*55.2*		*ug/L*	*50*		*110*	*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: A5331246
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2408 - EPA 5030B										
Matrix Spike (B5B2408-MS1) Continued Source: 5B20005-03 Prepared & Analyzed: 02/24/15										
Surrogate: Toluene-d8	*54.5*		*ug/L*	*50*		*109*	*70-140*			
Matrix Spike Dup (B5B2408-MSD1) **Source: 5B20005-03** Prepared & Analyzed: 02/24/15										
Benzene	**22.1**	0.20	ug/L	20		110	70-130	0.318	30	
Ethylbenzene	**22.0**	0.20	ug/L	20		110	70-130	1.60	30	
Methyl-tert-Butyl Ether (MTBE)	**20.0**	0.40	ug/L	20		99.8	70-130	3.35	30	
Toluene	**22.9**	0.30	ug/L	20		114	70-130	0.00	30	
Surrogate: 4-Bromofluorobenzene	*58.4*		*ug/L*	*50*		*117*	*70-140*			
Surrogate: Dibromofluoromethane	*42.6*		*ug/L*	*50*		*85.2*	*70-140*			
Surrogate: Toluene-d8	*53.8*		*ug/L*	*50*		*108*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B5B2502 - EPA 3510C										
Blank (B5B2502-BLK1) Prepared: 02/25/15 Analyzed: 02/26/15										
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*52.9*		*ug/L*	*40*		*132*	*50-150*			
LCS (B5B2502-BS1) Prepared: 02/25/15 Analyzed: 02/26/15										
Diesel Range Organics as Diesel	**739**	60	ug/L	800		92.4	75-125		30	
Surrogate: o-Terphenyl	*57.9*		*ug/L*	*40*		*145*	*50-150*			
LCS Dup (B5B2502-BSD1) Prepared: 02/25/15 Analyzed: 02/26/15										
Diesel Range Organics as Diesel	**674**	60	ug/L	800		84.3	75-125	9.17	30	
Surrogate: o-Terphenyl	*47.1*		*ug/L*	*40*		*118*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B5B2417 - EPA 3010A										
Blank (B5B2417-BLK1) Prepared: 02/24/15 Analyzed: 02/27/15										
Arsenic	<0.0060	0.0060	mg/L							
LCS (B5B2417-BS1) Prepared: 02/24/15 Analyzed: 02/27/15										
Arsenic	**0.210**	0.0060	mg/L	0.20		105	80-120		20	
LCS Dup (B5B2417-BSD1) Prepared: 02/24/15 Analyzed: 02/27/15										
Arsenic	**0.210**	0.0060	mg/L	0.20		105	80-120	0.00	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: A5331246
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2417 - EPA 3010A										
Matrix Spike (B5B2417-MS1)		**Source: 5B20009-04**		Prepared: 02/24/15		Analyzed: 02/27/15				
Arsenic	**0.233**	0.0060	mg/L	0.20	<0.0070	116	75-125		20	
Matrix Spike Dup (B5B2417-MSD1)		**Source: 5B20009-04**		Prepared: 02/24/15		Analyzed: 02/27/15				
Arsenic	**0.240**	0.0060	mg/L	0.20	<0.0070	120	75-125	2.96	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331246
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	03/03/15

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

121902

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-NOLA-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)

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	SB20009-01	2-20-15	1014	Water	5	✓	✓	✓	
After GAC-1	-02	↓	1009	Water	4	✓	✓		
After GAC-2	-03		1004	Water	4	✓	✓		
After Bed-1	-04		1000	Water	1			✓	

REVIEWED
Date 2/20/15 Time 1350
TAT N Days Sign:

AS331246/SB20009

Relinquished by	Date	Time	Received by
Glenn Androsko	2-20-15	10:40	
Relinquished by	Date	Time	Received by
	2/20/15	1226	
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

April 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

A5331293 / 5C27006

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 03/27/15 13:17 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: A5331293
Date Received: 03/27/15
Date Reported: 04/07/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	5C27006-01	Water	5	03/27/15 11:10	03/27/15 13:17
After GAC-1	5C27006-02	Water	5	03/27/15 11:05	03/27/15 13:17
After GAC-2	5C27006-03	Water	5	03/27/15 11:00	03/27/15 13:17
Arsenic Total EPA 200.7					
Surge Tank	5C27006-01	Water	5	03/27/15 11:10	03/27/15 13:17
After Bed-1	5C27006-04	Water	5	03/27/15 10:56	03/27/15 13:17
Diesel Range Organics 8015M					
Surge Tank	5C27006-01	Water	5	03/27/15 11:10	03/27/15 13:17
After GAC-1	5C27006-02	Water	5	03/27/15 11:05	03/27/15 13:17
After GAC-2	5C27006-03	Water	5	03/27/15 11:00	03/27/15 13:17

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: A5331293
Date Received: 03/27/15
Date Reported: 04/07/15
Units: ug/L

Date Sampled:	03/27/15	03/27/15	03/27/15		
Date Prepared:	03/30/15	03/30/15	03/30/15		
Date Analyzed:	03/30/15	03/30/15	03/30/15		
AA ID No:	5C27006-01	5C27006-02	5C27006-03		
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	**9.9**	<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	**2.7**	<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)	**980**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	**1.0 J**	<0.40	<0.40	0.40	2.0
Toluene	<0.30	<0.30	<0.30	0.30	0.50
o-Xylene	**5.9**	<0.30	<0.30	0.30	0.50
m,p-Xylenes	**18**	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	108%	115%	106%		70-140
Dibromofluoromethane	83%	88%	77%		70-140
Toluene-d8	111%	110%	115%		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: A5331293
Date Received: 03/27/15
Date Reported: 04/07/15
Units: ug/L

Date Sampled:	03/27/15	03/27/15	03/27/15		
Date Prepared:	04/01/15	04/01/15	04/01/15		
Date Analyzed:	04/01/15	04/01/15	04/01/15		
AA ID No:	5C27006-01	5C27006-02	5C27006-03		
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	**620**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	121%	108%	110%	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: A5331293
Date Received: 03/27/15
Date Reported: 04/07/15

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
5C27006-01	Surge Tank	03/27/15	03/30/15	03/31/15	1	**0.084**	mg/L	0.006	0.007
5C27006-04	After Bed-1	03/27/15	03/30/15	03/31/15	1	**0.017**	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: A5331293
Date Received: 03/27/15
Date Reported: 04/07/15

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 B5C3009 - EPA 5030B										
Blank (B5C3009-BLK1)				Prepared & Analyzed: 03/30/15						
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	*60.6*		*ug/L*	*50*		*121*	*70-140*			
Surrogate: Dibromofluoromethane	*40.6*		*ug/L*	*50*		*81.2*	*70-140*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50*		*101*	*70-140*			
LCS (B5C3009-BS1)				Prepared & Analyzed: 03/30/15						
Benzene	**20.6**	0.20	ug/L	20		103	75-125			
Ethylbenzene	**21.2**	0.20	ug/L	20		106	75-125			
Methyl-tert-Butyl Ether (MTBE)	**23.2**	0.40	ug/L	20		116	70-135			
Toluene	**21.9**	0.30	ug/L	20		109	75-125			
o-Xylene	**19.7**	0.30	ug/L	20		98.5	75-125			
Surrogate: 4-Bromofluorobenzene	*52.9*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Dibromofluoromethane	*41.3*		*ug/L*	*50*		*82.7*	*70-140*			
Surrogate: Toluene-d8	*54.7*		*ug/L*	*50*		*109*	*70-140*			
LCS Dup (B5C3009-BSD1)				Prepared & Analyzed: 03/30/15						
Benzene	**21.4**	0.20	ug/L	20		107	75-125	3.53	30	
Ethylbenzene	**22.0**	0.20	ug/L	20		110	75-125	3.71	30	
Methyl-tert-Butyl Ether (MTBE)	**17.7**	0.40	ug/L	20		88.5	70-135	26.9	30	
Toluene	**22.0**	0.30	ug/L	20		110	75-125	0.592	30	
o-Xylene	**20.2**	0.30	ug/L	20		101	75-125	2.70	30	
Surrogate: 4-Bromofluorobenzene	*64.7*		*ug/L*	*50*		*129*	*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: A5331293
Date Received: 03/27/15
Date Reported: 04/07/15

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 B5C3009 - EPA 5030B										
LCS Dup (B5C3009-BSD1) Continued				Prepared & Analyzed: 03/30/15						
Surrogate: Dibromofluoromethane	*44.8*		*ug/L*	*50*		*89.7*	*70-140*			
Surrogate: Toluene-d8	*51.3*		*ug/L*	*50*		*103*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B5D0101 - EPA 3510C										
Blank (B5D0101-BLK1)				Prepared & Analyzed: 04/01/15						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*47.1*		*ug/L*	*40*		*118*	*50-150*			
LCS (B5D0101-BS1)				Prepared & Analyzed: 04/01/15						
Diesel Range Organics as Diesel	**690**	60	ug/L	800		86.2	75-125		30	
Surrogate: o-Terphenyl	*46.6*		*ug/L*	*40*		*117*	*50-150*			
LCS Dup (B5D0101-BSD1)				Prepared & Analyzed: 04/01/15						
Diesel Range Organics as Diesel	**662**	60	ug/L	800		82.7	75-125	4.21	30	
Surrogate: o-Terphenyl	*52.0*		*ug/L*	*40*		*130*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B5C3023 - EPA 3010A										
Blank (B5C3023-BLK1)				Prepared: 03/30/15 Analyzed: 03/31/15						
Arsenic	<0.0060	0.0060	mg/L							
LCS (B5C3023-BS1)				Prepared: 03/30/15 Analyzed: 03/31/15						
Arsenic	**0.211**	0.0060	mg/L	0.20		105	80-120		20	
LCS Dup (B5C3023-BSD1)				Prepared: 03/30/15 Analyzed: 03/31/15						
Arsenic	**0.188**	0.0060	mg/L	0.20		93.8	80-120	11.7	20	
Matrix Spike (B5C3023-MS1)			**Source: 5C27006-01**	Prepared: 03/30/15 Analyzed: 03/31/15						
Arsenic	**0.312**	0.0060	mg/L	0.20	0.0840	114	75-125		20	
Matrix Spike Dup (B5C3023-MSD1)			**Source: 5C27006-01**	Prepared: 03/30/15 Analyzed: 03/31/15						
Arsenic	**0.298**	0.0060	mg/L	0.20	0.0840	107	75-125	4.59	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331293
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	04/07/15

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

122178

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 Andrusko	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Andrusko	
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)

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	SC27006-01	3-27-15	1110	Water	5	✓	✓	✓	
After GAC-1	-02	↓	1105	Water	4	✓	✓		
After GAC-2	-03		1100	Water	4	✓	✓		
After Bed-1	-04		1056	Water	1			✓	

REVIEWED Date 3/27/15 Time 1545 Sign: TAT N Days

15 MAR 27 [illegible]

AS331293/SC27006

Relinquished by	Date	Time	Received by
Glenn Andrusko	3-27-15	11:30	
Relinquished by	Date	Time	Received by
	3/27/15	1317	
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 20, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5331209 / 5A14003

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/14/15 14:46 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: A5331209
Date Received: 01/14/15
Date Reported: 01/20/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	5A14003-01	Vapor	5	01/14/15 10:36	01/14/15 14:46
Effluent	5A14003-02	Vapor	5	01/14/15 10:30	01/14/15 14:46
VOCs Gasoline Range Organics Vapor					
Influent	5A14003-01	Vapor	5	01/14/15 10:36	01/14/15 14:46
Effluent	5A14003-02	Vapor	5	01/14/15 10:30	01/14/15 14:46
VOCs GRO Vapor as Hexane					
Influent	5A14003-01	Vapor	5	01/14/15 10:36	01/14/15 14:46
Effluent	5A14003-02	Vapor	5	01/14/15 10:30	01/14/15 14:46

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331209
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/15/15

Influent

5A14003-01 (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	90.0 %	70-140
Dibromofluoromethane	86.2 %	70-140
Toluene-d8	99.9 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331209
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	0.5	**Prepared:**	01/15/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/15/15

Effluent

5A14003-02 (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	91.2 %	70-140
Dibromofluoromethane	86.1 %	70-140
Toluene-d8	102 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331209
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/15/15

Influent

5A14003-01 (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	81.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331209
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/15/15

Effluent

5A14003-02 (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	92.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331209
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/15/15

Influent

5A14003-01 (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	81.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331209
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/15/15

Effluent

5A14003-02 (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	92.1 %	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: A5331209
Date Received: 01/14/15
Date Reported: 01/20/15

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 B5A1507 - *** DEFAULT PREP ****										
Blank (B5A1507-BLK1)				Prepared & Analyzed: 01/15/15						
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	*45.6*		*ug/L*	*50*		*91.2*	*70-140*			
Surrogate: Dibromofluoromethane	*41.6*		*ug/L*	*50*		*83.2*	*70-140*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50*		*103*	*70-140*			
LCS (B5A1507-BS1)				Prepared & Analyzed: 01/15/15						
Benzene	**18.8**	0.50	ug/L	20		93.8	75-125			
Ethylbenzene	**20.8**	0.50	ug/L	20		104	75-125			
Methyl-tert-Butyl Ether (MTBE)	**18.9**	2.0	ug/L	20		94.5	75-125			
Toluene	**20.5**	0.50	ug/L	20		103	75-125			
o-Xylene	**19.6**	0.50	ug/L	20		97.8	75-125			
m,p-Xylenes	**40.3**	1.0	ug/L	40		101	75-125			
Surrogate: 4-Bromofluorobenzene	*46.7*		*ug/L*	*50*		*93.4*	*70-140*			
Surrogate: Dibromofluoromethane	*45.0*		*ug/L*	*50*		*89.9*	*70-140*			
Surrogate: Toluene-d8	*50.1*		*ug/L*	*50*		*100*	*70-140*			
LCS Dup (B5A1507-BSD1)				Prepared: 01/15/15 Analyzed: 01/16/15						
Benzene	**19.4**	0.50	ug/L	20		97.2	75-125	3.56	30	
Ethylbenzene	**21.6**	0.50	ug/L	20		108	75-125	4.01	30	
Methyl-tert-Butyl Ether (MTBE)	**16.6**	2.0	ug/L	20		83.0	75-125	13.0	30	
Toluene	**21.5**	0.50	ug/L	20		108	75-125	4.81	30	
o-Xylene	**20.2**	0.50	ug/L	20		101	75-125	3.42	30	
m,p-Xylenes	**42.3**	1.0	ug/L	40		106	75-125	4.72	30	
Surrogate: 4-Bromofluorobenzene	*47.8*		*ug/L*	*50*		*95.5*	*70-140*			
Surrogate: Dibromofluoromethane	*44.8*		*ug/L*	*50*		*89.6*	*70-140*			
Surrogate: Toluene-d8	*51.9*		*ug/L*	*50*		*104*	*70-140*			
Duplicate (B5A1507-DUP1)				**Source: 5A14004-02** Prepared & Analyzed: 01/15/15						

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: A5331209
Date Received: 01/14/15
Date Reported: 01/20/15

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 B5A1507 - *** DEFAULT PREP ****										
Duplicate (B5A1507-DUP1) Continued				**Source: 5A14004-02**			Prepared & Analyzed: 01/15/15			
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	*46.7*		*ug/L*	*50*		*93.4*	*70-140*			
Surrogate: Dibromofluoromethane	*43.0*		*ug/L*	*50*		*85.9*	*70-140*			
Surrogate: Toluene-d8	*51.0*		*ug/L*	*50*		*102*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B5A1607 - *** DEFAULT PREP ****										
Blank (B5A1607-BLK1)							Prepared & Analyzed: 01/15/15			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*47.0*		*ug/L*	*50*		*94.1*	*70-130*			
LCS (B5A1607-BS1)							Prepared & Analyzed: 01/15/15			
Gasoline Range Organics (GRO)	**416**	20	ug/L	500		83.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*45.8*		*ug/L*	*50*		*91.6*	*70-130*			
LCS Dup (B5A1607-BSD1)							Prepared & Analyzed: 01/15/15			
Gasoline Range Organics (GRO)	**434**	20	ug/L	500		86.8	75-125	4.20	30	
Surrogate: a,a,a-Trifluorotoluene	*49.4*		*ug/L*	*50*		*98.9*	*70-130*			
Duplicate (B5A1607-DUP1)				**Source: 5A14004-02**			Prepared & Analyzed: 01/15/15			
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*41.5*		*ug/L*	*50*		*82.9*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B5A1607 - *** DEFAULT PREP ****										
Blank (B5A1607-BLK1)							Prepared & Analyzed: 01/15/15			
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*47.0*		*ug/L*	*50*		*94.1*	*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: A5331209
Date Received: 01/14/15
Date Reported: 01/20/15

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 B5A1607 - *** DEFAULT PREP ****										
LCS (B5A1607-BS1)				Prepared & Analyzed: 01/15/15						
GRO as Hexane	**416**	20	ug/L	500		83.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*45.8*		*ug/L*	*50*		*91.6*	*70-130*			
LCS Dup (B5A1607-BSD1)				Prepared & Analyzed: 01/15/15						
GRO as Hexane	**434**	20	ug/L	500		86.8	75-125	4.20	30	
Surrogate: a,a,a-Trifluorotoluene	*49.4*		*ug/L*	*50*		*98.9*	*70-130*			
Duplicate (B5A1607-DUP1)				**Source: 5A14004-02** Prepared & Analyzed: 01/15/15						
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*41.5*		*ug/L*	*50*		*82.9*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331209
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15

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

121626

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
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	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B								Special Instructions
Influent	SA14003-01	1-14-15	1036	Air	1	✓	✓	✓								
Effluent	-02	1-14-15	1030	Air	1	✓	✓	✓								

PRIORITY! SH
Rush ___ Hrs
Date 1/14/15 Time 1600 Sign [signature]

AS331209 / SA14003

Relinquished by	Date	Time	Received by
Glenn Androsko	1-14-15	1245	[signature]
[signature]	1/14/15	1446	[signature]

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

AMERICAN ANALYTICS

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

January 20, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5331210 / 5A14004

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/14/15 14:46 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: A5331210
Date Received: 01/14/15
Date Reported: 01/20/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
After GAC-1	5A14004-01	Vapor	5	01/14/15 10:34	01/14/15 14:46
After GAC-2	5A14004-02	Vapor	5	01/14/15 10:32	01/14/15 14:46
VOCs Gasoline Range Organics Vapor					
After GAC-1	5A14004-01	Vapor	5	01/14/15 10:34	01/14/15 14:46
After GAC-2	5A14004-02	Vapor	5	01/14/15 10:32	01/14/15 14:46
VOCs GRO Vapor as Hexane					
After GAC-1	5A14004-01	Vapor	5	01/14/15 10:34	01/14/15 14:46
After GAC-2	5A14004-02	Vapor	5	01/14/15 10:32	01/14/15 14:46

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331210
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/15/15

After GAC-1

5A14004-01 (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	92.5 %	70-140
Dibromofluoromethane	84.6 %	70-140
Toluene-d8	102 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331210
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/15/15

After GAC-2

5A14004-02 (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	93.3 %	70-140
Dibromofluoromethane	86.1 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331210
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/15/15

After GAC-1

5A14004-01 (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	90.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331210
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/15/15

After GAC-2

5A14004-02 (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	81.8 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331210
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/15/15

After GAC-1

5A14004-01 (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	90.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331210
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15
Matrix:	Vapor	**Sampled:**	01/14/15
Dilution:	1	**Prepared:**	01/15/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/15/15

After GAC-2

5A14004-02 (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	81.8 %	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: A5331210
Date Received: 01/14/15
Date Reported: 01/20/15

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 B5A1507 - *** DEFAULT PREP ****										
Blank (B5A1507-BLK1)				Prepared & Analyzed: 01/15/15						
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	*45.6*		*ug/L*	*50*		*91.2*	*70-140*			
Surrogate: Dibromofluoromethane	*41.6*		*ug/L*	*50*		*83.2*	*70-140*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50*		*103*	*70-140*			
LCS (B5A1507-BS1)				Prepared & Analyzed: 01/15/15						
Benzene	**18.8**	0.50	ug/L	20		93.8	75-125			
Ethylbenzene	**20.8**	0.50	ug/L	20		104	75-125			
Methyl-tert-Butyl Ether (MTBE)	**18.9**	2.0	ug/L	20		94.5	75-125			
Toluene	**20.5**	0.50	ug/L	20		103	75-125			
o-Xylene	**19.6**	0.50	ug/L	20		97.8	75-125			
m,p-Xylenes	**40.3**	1.0	ug/L	40		101	75-125			
Surrogate: 4-Bromofluorobenzene	*46.7*		*ug/L*	*50*		*93.4*	*70-140*			
Surrogate: Dibromofluoromethane	*45.0*		*ug/L*	*50*		*89.9*	*70-140*			
Surrogate: Toluene-d8	*50.1*		*ug/L*	*50*		*100*	*70-140*			
LCS Dup (B5A1507-BSD1)				Prepared: 01/15/15 Analyzed: 01/16/15						
Benzene	**19.4**	0.50	ug/L	20		97.2	75-125	3.56	30	
Ethylbenzene	**21.6**	0.50	ug/L	20		108	75-125	4.01	30	
Methyl-tert-Butyl Ether (MTBE)	**16.6**	2.0	ug/L	20		83.0	75-125	13.0	30	
Toluene	**21.5**	0.50	ug/L	20		108	75-125	4.81	30	
o-Xylene	**20.2**	0.50	ug/L	20		101	75-125	3.42	30	
m,p-Xylenes	**42.3**	1.0	ug/L	40		106	75-125	4.72	30	
Surrogate: 4-Bromofluorobenzene	*47.8*		*ug/L*	*50*		*95.5*	*70-140*			
Surrogate: Dibromofluoromethane	*44.8*		*ug/L*	*50*		*89.6*	*70-140*			
Surrogate: Toluene-d8	*51.9*		*ug/L*	*50*		*104*	*70-140*			
Duplicate (B5A1507-DUP1)				**Source: 5A14004-02** Prepared & Analyzed: 01/15/15						

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: A5331210
Date Received: 01/14/15
Date Reported: 01/20/15

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 B5A1507 - *** DEFAULT PREP ****										
Duplicate (B5A1507-DUP1) Continued				**Source: 5A14004-02**		Prepared & Analyzed: 01/15/15				
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	*46.7*		*ug/L*	*50*		*93.4*	*70-140*			
Surrogate: Dibromofluoromethane	*43.0*		*ug/L*	*50*		*85.9*	*70-140*			
Surrogate: Toluene-d8	*51.0*		*ug/L*	*50*		*102*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B5A1607 - *** DEFAULT PREP ****										
Blank (B5A1607-BLK1)						Prepared & Analyzed: 01/15/15				
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*47.0*		*ug/L*	*50*		*94.1*	*70-130*			
LCS (B5A1607-BS1)						Prepared & Analyzed: 01/15/15				
Gasoline Range Organics (GRO)	**416**	20	ug/L	500		83.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*45.8*		*ug/L*	*50*		*91.6*	*70-130*			
LCS Dup (B5A1607-BSD1)						Prepared & Analyzed: 01/15/15				
Gasoline Range Organics (GRO)	**434**	20	ug/L	500		86.8	75-125	4.20	30	
Surrogate: a,a,a-Trifluorotoluene	*49.4*		*ug/L*	*50*		*98.9*	*70-130*			
Duplicate (B5A1607-DUP1)				**Source: 5A14004-02**		Prepared & Analyzed: 01/15/15				
Gasoline Range Organics (GRO)	**<20**	20	ug/L		<20				30	
Surrogate: a,a,a-Trifluorotoluene	*41.5*		*ug/L*	*50*		*82.9*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B5A1607 - *** DEFAULT PREP ****										
Blank (B5A1607-BLK1)						Prepared & Analyzed: 01/15/15				
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*47.0*		*ug/L*	*50*		*94.1*	*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: A5331210
Date Received: 01/14/15
Date Reported: 01/20/15

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 B5A1607 - *** DEFAULT PREP ****										
LCS (B5A1607-BS1)				Prepared & Analyzed: 01/15/15						
GRO as Hexane	**416**	20	ug/L	500		83.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*45.8*		*ug/L*	*50*		*91.6*	*70-130*			
LCS Dup (B5A1607-BSD1)				Prepared & Analyzed: 01/15/15						
GRO as Hexane	**434**	20	ug/L	500		86.8	75-125	4.20	30	
Surrogate: a,a,a-Trifluorotoluene	*49.4*		*ug/L*	*50*		*98.9*	*70-130*			
Duplicate (B5A1607-DUP1)				**Source: 5A14004-02** Prepared & Analyzed: 01/15/15						
GRO as Hexane	**<20**	20	ug/L		<20				30	
Surrogate: a,a,a-Trifluorotoluene	*41.5*		*ug/L*	*50*		*82.9*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331210
Project No:	04-NDLA-001	**Date Received:**	01/14/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/20/15

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

121627

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	
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										
After GAC-1	SA14004-01	1-14-15	1034	Air	1	✓	✓	✓								
After GAC-2	-02	1-14-15	1032	Air	1	✓	✓	✓								

PRIORITY SH Hrs Rush Date 1/14 Time 1640 Sign

AS331210/SA14004

Relinquished by: Glenn Androsko	Date: 1-14-15	Time: 1215	Received by:
Relinquished by:	Date: 1/14/15	Time: 1446	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.

AMERICAN ANALYTICS

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

March 03, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5331243 / 5B20006

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 02/20/15 12:26 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: A5331243
Date Received: 02/20/15
Date Reported: 03/03/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	5B20006-01	Vapor	5	02/20/15 09:46	02/20/15 12:26
Effluent	5B20006-02	Vapor	5	02/20/15 09:40	02/20/15 12:26
VOCs Gasoline Range Organics Vapor					
Influent	5B20006-01	Vapor	5	02/20/15 09:46	02/20/15 12:26
Effluent	5B20006-02	Vapor	5	02/20/15 09:40	02/20/15 12:26
VOCs GRO Vapor as Hexane					
Influent	5B20006-01	Vapor	5	02/20/15 09:46	02/20/15 12:26
Effluent	5B20006-02	Vapor	5	02/20/15 09:40	02/20/15 12:26

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331243
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/20/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	02/20/15

Influent

5B20006-01 (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	98.1 %	70-140
Dibromofluoromethane	104 %	70-140
Toluene-d8	103 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331243
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	0.5	**Prepared:**	02/20/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	02/20/15

Effluent

5B20006-02 (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	96.7 %	70-140
Dibromofluoromethane	104 %	70-140
Toluene-d8	104 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331243
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/23/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	02/23/15

Influent

5B20006-01 (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	103 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331243
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/23/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	02/23/15

Effluent

5B20006-02 (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	101 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331243
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/23/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	02/23/15

Influent

5B20006-01 (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	103 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331243
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/23/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	02/23/15

Effluent

5B20006-02 (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	101 %	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: A5331243
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2002 - *** DEFAULT PREP ****										
Blank (B5B2002-BLK1)				Prepared & Analyzed: 02/20/15						
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	*47.3*		*ug/L*	*50*		*94.6*	*70-140*			
Surrogate: Dibromofluoromethane	*51.7*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*51.6*		*ug/L*	*50*		*103*	*70-140*			
LCS (B5B2002-BS1)				Prepared & Analyzed: 02/20/15						
Benzene	**22.5**	0.50	ug/L	20		112	75-125			
Ethylbenzene	**23.2**	0.50	ug/L	20		116	75-125			
Methyl-tert-Butyl Ether (MTBE)	**22.8**	2.0	ug/L	20		114	75-125			
Toluene	**22.3**	0.50	ug/L	20		112	75-125			
o-Xylene	**22.9**	0.50	ug/L	20		115	75-125			
m,p-Xylenes	**44.6**	1.0	ug/L	40		111	75-125			
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50*		*99.6*	*70-140*			
Surrogate: Dibromofluoromethane	*51.8*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Toluene-d8	*49.6*		*ug/L*	*50*		*99.2*	*70-140*			
LCS Dup (B5B2002-BSD1)				Prepared & Analyzed: 02/20/15						
Benzene	**21.4**	0.50	ug/L	20		107	75-125	4.93	30	
Ethylbenzene	**21.3**	0.50	ug/L	20		107	75-125	8.36	30	
Methyl-tert-Butyl Ether (MTBE)	**20.1**	2.0	ug/L	20		100	75-125	12.6	30	
Toluene	**20.4**	0.50	ug/L	20		102	75-125	9.23	30	
o-Xylene	**20.9**	0.50	ug/L	20		104	75-125	9.27	30	
m,p-Xylenes	**41.2**	1.0	ug/L	40		103	75-125	7.93	30	
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50*		*98.9*	*70-140*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50*		*101*	*70-140*			
Duplicate (B5B2002-DUP1)				**Source: 5B20006-01** Prepared & Analyzed: 02/20/15						

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: A5331243
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2002 - *** DEFAULT PREP ****										
Duplicate (B5B2002-DUP1) Continued				**Source: 5B20006-01**			Prepared & Analyzed: 02/20/15			
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	*47.7*		*ug/L*	*50*		*95.4*	*70-140*			
Surrogate: Dibromofluoromethane	*52.4*		*ug/L*	*50*		*105*	*70-140*			
Surrogate: Toluene-d8	*50.7*		*ug/L*	*50*		*101*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B5B2313 - *** DEFAULT PREP ****										
Blank (B5B2313-BLK1)							Prepared & Analyzed: 02/23/15			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*49.3*		*ug/L*	*50*		*98.5*	*70-130*			
LCS (B5B2313-BS1)							Prepared & Analyzed: 02/23/15			
Gasoline Range Organics (GRO)	**472**	20	ug/L	500		94.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*48.7*		*ug/L*	*50*		*97.4*	*70-130*			
LCS Dup (B5B2313-BSD1)							Prepared & Analyzed: 02/23/15			
Gasoline Range Organics (GRO)	**447**	20	ug/L	500		89.5	75-125	5.46	30	
Surrogate: a,a,a-Trifluorotoluene	*45.9*		*ug/L*	*50*		*91.8*	*70-130*			
Duplicate (B5B2313-DUP1)				**Source: 5B20007-02**			Prepared & Analyzed: 02/23/15			
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*49.4*		*ug/L*	*50*		*98.8*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B5B2313 - *** DEFAULT PREP ****										
Blank (B5B2313-BLK1)							Prepared & Analyzed: 02/23/15			
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*49.3*		*ug/L*	*50*		*98.5*	*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: A5331243
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2313 - *** DEFAULT PREP ****										
LCS (B5B2313-BS1)				Prepared & Analyzed: 02/23/15						
GRO as Hexane	**472**	20	ug/L	500		94.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*48.7*		*ug/L*	*50*		*97.4*	*70-130*			
LCS Dup (B5B2313-BSD1)				Prepared & Analyzed: 02/23/15						
GRO as Hexane	**447**	20	ug/L	500		89.5	75-125	5.46	30	
Surrogate: a,a,a-Trifluorotoluene	*45.9*		*ug/L*	*50*		*91.8*	*70-130*			
Duplicate (B5B2313-DUP1)					**Source: 5B20007-02**		Prepared & Analyzed: 02/23/15			
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*49.4*		*ug/L*	*50*		*98.8*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331243
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

121899

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.	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	SB20006-01	2-20-15	0946	Air	1	✓	✓	✓	
Effluent	-02	"	0940	Air	1	✓	✓	✓	

PRIORITY
Rush 24 Hrs 3Hr
Date 2/20 Time 1330 Sign

AS331243/SB20006

Relinquished by	Date	Time	Received by
Glenn Androsko	2-20-15	10:40	
Relinquished by	Date	Time	Received by
	2/20/15	1226	
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

March 03, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5331244 / 5B20007

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 02/20/15 12:26 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: A5331244
Date Received: 02/20/15
Date Reported: 03/03/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
After GAC-1	5B20007-01	Vapor	5	02/20/15 09:44	02/20/15 12:26
After GAC-2	5B20007-02	Vapor	5	02/20/15 09:42	02/20/15 12:26
VOCs Gasoline Range Organics Vapor					
After GAC-1	5B20007-01	Vapor	5	02/20/15 09:44	02/20/15 12:26
After GAC-2	5B20007-02	Vapor	5	02/20/15 09:42	02/20/15 12:26
VOCs GRO Vapor as Hexane					
After GAC-1	5B20007-01	Vapor	5	02/20/15 09:44	02/20/15 12:26
After GAC-2	5B20007-02	Vapor	5	02/20/15 09:42	02/20/15 12:26

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331244
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/20/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	02/20/15

After GAC-1

5B20007-01 (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	97.9 %	70-140
Dibromofluoromethane	105 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331244
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/20/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	02/20/15

After GAC-2

5B20007-02 (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	96.0 %	70-140
Dibromofluoromethane	103 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331244
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/23/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	02/23/15

After GAC-1

5B20007-01 (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	100 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331244
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/23/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	02/23/15

After GAC-2

5B20007-02 (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	104 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331244
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/23/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	02/23/15

After GAC-1

5B20007-01 (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	100 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331244
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15
Matrix:	Vapor	**Sampled:**	02/20/15
Dilution:	1	**Prepared:**	02/23/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	02/23/15

After GAC-2

5B20007-02 (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	104 %	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: A5331244
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2002 - *** DEFAULT PREP ****										
Blank (B5B2002-BLK1)				Prepared & Analyzed: 02/20/15						
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	*47.3*		*ug/L*	*50*		*94.6*	*70-140*			
Surrogate: Dibromofluoromethane	*51.7*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*51.6*		*ug/L*	*50*		*103*	*70-140*			
LCS (B5B2002-BS1)				Prepared & Analyzed: 02/20/15						
Benzene	**22.5**	0.50	ug/L	20		112	75-125			
Ethylbenzene	**23.2**	0.50	ug/L	20		116	75-125			
Methyl-tert-Butyl Ether (MTBE)	**22.8**	2.0	ug/L	20		114	75-125			
Toluene	**22.3**	0.50	ug/L	20		112	75-125			
o-Xylene	**22.9**	0.50	ug/L	20		115	75-125			
m,p-Xylenes	**44.6**	1.0	ug/L	40		111	75-125			
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50*		*99.6*	*70-140*			
Surrogate: Dibromofluoromethane	*51.8*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Toluene-d8	*49.6*		*ug/L*	*50*		*99.2*	*70-140*			
LCS Dup (B5B2002-BSD1)				Prepared & Analyzed: 02/20/15						
Benzene	**21.4**	0.50	ug/L	20		107	75-125	4.93	30	
Ethylbenzene	**21.3**	0.50	ug/L	20		107	75-125	8.36	30	
Methyl-tert-Butyl Ether (MTBE)	**20.1**	2.0	ug/L	20		100	75-125	12.6	30	
Toluene	**20.4**	0.50	ug/L	20		102	75-125	9.23	30	
o-Xylene	**20.9**	0.50	ug/L	20		104	75-125	9.27	30	
m,p-Xylenes	**41.2**	1.0	ug/L	40		103	75-125	7.93	30	
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50*		*98.9*	*70-140*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50*		*101*	*70-140*			
Duplicate (B5B2002-DUP1)				**Source: 5B20006-01** Prepared & Analyzed: 02/20/15						

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: A5331244
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2002 - *** DEFAULT PREP ****										
Duplicate (B5B2002-DUP1) Continued **Source: 5B20006-01** Prepared & Analyzed: 02/20/15										
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	*47.7*		*ug/L*	*50*		*95.4*	*70-140*			
Surrogate: Dibromofluoromethane	*52.4*		*ug/L*	*50*		*105*	*70-140*			
Surrogate: Toluene-d8	*50.7*		*ug/L*	*50*		*101*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B5B2313 - *** DEFAULT PREP ****										
Blank (B5B2313-BLK1) Prepared & Analyzed: 02/23/15										
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*49.3*		*ug/L*	*50*		*98.5*	*70-130*			
LCS (B5B2313-BS1) Prepared & Analyzed: 02/23/15										
Gasoline Range Organics (GRO)	**472**	20	ug/L	500		94.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*48.7*		*ug/L*	*50*		*97.4*	*70-130*			
LCS Dup (B5B2313-BSD1) Prepared & Analyzed: 02/23/15										
Gasoline Range Organics (GRO)	**447**	20	ug/L	500		89.5	75-125	5.46	30	
Surrogate: a,a,a-Trifluorotoluene	*45.9*		*ug/L*	*50*		*91.8*	*70-130*			
Duplicate (B5B2313-DUP1) **Source: 5B20007-02** Prepared & Analyzed: 02/23/15										
Gasoline Range Organics (GRO)	**<20**	20	ug/L		<20				30	
Surrogate: a,a,a-Trifluorotoluene	*49.4*		*ug/L*	*50*		*98.8*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B5B2313 - *** DEFAULT PREP ****										
Blank (B5B2313-BLK1) Prepared & Analyzed: 02/23/15										
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*49.3*		*ug/L*	*50*		*98.5*	*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: A5331244
Date Received: 02/20/15
Date Reported: 03/03/15

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 B5B2313 - *** DEFAULT PREP ****										
LCS (B5B2313-BS1)				Prepared & Analyzed: 02/23/15						
GRO as Hexane	**472**	20	ug/L	500		94.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*48.7*		*ug/L*	*50*		*97.4*	*70-130*			
LCS Dup (B5B2313-BSD1)				Prepared & Analyzed: 02/23/15						
GRO as Hexane	**447**	20	ug/L	500		89.5	75-125	5.46	30	
Surrogate: a,a,a-Trifluorotoluene	*45.9*		*ug/L*	*50*		*91.8*	*70-130*			
Duplicate (B5B2313-DUP1)				**Source: 5B20007-02** Prepared & Analyzed: 02/23/15						
GRO as Hexane	**<20**	20	ug/L		<20				30	
Surrogate: a,a,a-Trifluorotoluene	*49.4*		*ug/L*	*50*		*98.8*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331244
Project No:	04-NDLA-001	**Date Received:**	02/20/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	03/03/15

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

121900

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)

Please enter the TAT Turnaround Codes ** below

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
After GAC-1	5B20007-01	2-20-15	0944	Air	1	✓	✓	✓								
After GAC-2	-02	"	0942	Air	1	✓	✓	✓								

PRIORITY ✓ SH

Rush Hrs
Date 2/20/15 Time 1330 Sign [signature]

A5331244/5B20007

Relinquished by	Date	Time	Received by
Glenn Androsko	2-20-15	10:40	[signature]
[signature]	2/20/15	1226	[signature]

15 FEB 20 12:26

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

April 06, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5331275 / 5C27003

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 03/27/15 13:17 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: A5331275
Date Received: 03/27/15
Date Reported: 04/06/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	5C27003-01	Vapor	5	03/27/15 08:26	03/27/15 13:17
Effluent	5C27003-02	Vapor	5	03/27/15 08:15	03/27/15 13:17
VOCs Gasoline Range Organics Vapor					
Influent	5C27003-01	Vapor	5	03/27/15 08:26	03/27/15 13:17
Effluent	5C27003-02	Vapor	5	03/27/15 08:15	03/27/15 13:17
VOCs GRO Vapor as Hexane					
Influent	5C27003-01	Vapor	5	03/27/15 08:26	03/27/15 13:17
Effluent	5C27003-02	Vapor	5	03/27/15 08:15	03/27/15 13:17

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331275
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	03/27/15

Influent

5C27003-01 (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	111 %	70-140
Dibromofluoromethane	106 %	70-140
Toluene-d8	110 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331275
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	03/27/15

Effluent

5C27003-02 (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	110 %	70-140
Dibromofluoromethane	108 %	70-140
Toluene-d8	109 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331275
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	03/27/15

Influent

5C27003-01 (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	112 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331275
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	03/27/15

Effluent

5C27003-02 (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	108 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331275
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	03/27/15

Influent

5C27003-01 (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	112 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331275
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	03/27/15

Effluent

5C27003-02 (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	108 %	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: A5331275
Date Received: 03/27/15
Date Reported: 04/06/15

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 B5C2701 - *** DEFAULT PREP ****										
Blank (B5C2701-BLK1)				Prepared & Analyzed: 03/27/15						
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	*55.2*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*53.3*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*54.7*		*ug/L*	*50*		*109*	*70-140*			
LCS (B5C2701-BS1)				Prepared & Analyzed: 03/27/15						
Benzene	**23.2**	0.50	ug/L	20		116	75-125			
Ethylbenzene	**22.8**	0.50	ug/L	20		114	75-125			
Methyl-tert-Butyl Ether (MTBE)	**20.3**	2.0	ug/L	20		102	75-125			
Toluene	**22.1**	0.50	ug/L	20		111	75-125			
o-Xylene	**23.4**	0.50	ug/L	20		117	75-125			
m,p-Xylenes	**45.1**	1.0	ug/L	40		113	75-125			
Surrogate: 4-Bromofluorobenzene	*56.3*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Dibromofluoromethane	*50.8*		*ug/L*	*50*		*102*	*70-140*			
Surrogate: Toluene-d8	*52.8*		*ug/L*	*50*		*106*	*70-140*			
LCS Dup (B5C2701-BSD1)				Prepared & Analyzed: 03/27/15						
Benzene	**21.2**	0.50	ug/L	20		106	75-125	8.91	30	
Ethylbenzene	**24.0**	0.50	ug/L	20		120	75-125	5.18	30	
Methyl-tert-Butyl Ether (MTBE)	**25.0**	2.0	ug/L	20		125	75-125	20.6	30	
Toluene	**22.0**	0.50	ug/L	20		110	75-125	0.499	30	
o-Xylene	**23.2**	0.50	ug/L	20		116	75-125	0.643	30	
m,p-Xylenes	**47.7**	1.0	ug/L	40		119	75-125	5.60	30	
Surrogate: 4-Bromofluorobenzene	*59.2*		*ug/L*	*50*		*118*	*70-140*			
Surrogate: Dibromofluoromethane	*51.5*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*53.2*		*ug/L*	*50*		*106*	*70-140*			
Duplicate (B5C2701-DUP1)				**Source: 5C26006-01** Prepared & Analyzed: 03/27/15						

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: A5331275
Date Received: 03/27/15
Date Reported: 04/06/15

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 B5C2701 - *** DEFAULT PREP ****										
Duplicate (B5C2701-DUP1) Continued				**Source: 5C26006-01**			Prepared & Analyzed: 03/27/15			
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	*55.0*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*58.9*		*ug/L*	*50*		*118*	*70-140*			
Surrogate: Toluene-d8	*63.2*		*ug/L*	*50*		*126*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B5C2708 - *** DEFAULT PREP ****										
Blank (B5C2708-BLK1)							Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*50.1*		*ug/L*	*50*		*100*	*70-130*			
LCS (B5C2708-BS1)							Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**523**	20	ug/L	500		105	75-125			
Surrogate: a,a,a-Trifluorotoluene	*54.6*		*ug/L*	*50*		*109*	*70-130*			
LCS Dup (B5C2708-BSD1)							Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**544**	20	ug/L	500		109	75-125	3.85	30	
Surrogate: a,a,a-Trifluorotoluene	*52.4*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP1)				**Source: 5C24017-02**			Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*52.3*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP2)				**Source: 5C26006-01**			Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**19200**	500	ug/L		21300			10.7	30	
Surrogate: a,a,a-Trifluorotoluene	*49.6*		*ug/L*	*50*		*99.3*	*70-130*			
Duplicate (B5C2708-DUP3)				**Source: 5C27003-01**			Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**<20**	20	ug/L		<20				30	

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: A5331275
Date Received: 03/27/15
Date Reported: 04/06/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B5C2708 - *** DEFAULT PREP ****										
Duplicate (B5C2708-DUP3) Continued			**Source: 5C27003-01**	Prepared & Analyzed: 03/27/15						
Surrogate: a,a,a-Trifluorotoluene	*53.9*		*ug/L*	*50*		*108*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B5C2708 - *** DEFAULT PREP ****										
Blank (B5C2708-BLK1)				Prepared & Analyzed: 03/27/15						
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*50.1*		*ug/L*	*50*		*100*	*70-130*			
LCS (B5C2708-BS1)				Prepared & Analyzed: 03/27/15						
GRO as Hexane	**523**	20	ug/L	500		105	75-125			
Surrogate: a,a,a-Trifluorotoluene	*54.6*		*ug/L*	*50*		*109*	*70-130*			
LCS Dup (B5C2708-BSD1)				Prepared & Analyzed: 03/27/15						
GRO as Hexane	**544**	20	ug/L	500		109	75-125	3.85	30	
Surrogate: a,a,a-Trifluorotoluene	*52.4*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP1)			**Source: 5C24017-02**	Prepared & Analyzed: 03/27/15						
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*52.3*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP2)			**Source: 5C26006-01**	Prepared & Analyzed: 03/27/15						
GRO as Hexane	**19200**	500	ug/L		21300			10.7	30	
Surrogate: a,a,a-Trifluorotoluene	*52.7*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP3)			**Source: 5C27003-01**	Prepared & Analyzed: 03/27/15						
GRO as Hexane	**<20**	20	ug/L		<20				30	
Surrogate: a,a,a-Trifluorotoluene	*53.9*		*ug/L*	*50*		*108*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331275
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

122175

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 Andrasick	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Andrasick	
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	SC27003-01	3-27-15	0826	Air	1	✓	✓	✓	
Effluent	-02	"	0815	Air	1	✓	✓	✓	

PRIORITY 1
SH
Rush 24 Hrs
Date 3/27/15 Time 1345 Sign

AS331275/SC27003

Relinquished by	Date	Time	Received by
Glenn Andrasick	3-27-15	11:30	
	3/27/15	1317	
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

April 06, 2015

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5331276 / 5C27004

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 03/27/15 13:17 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: A5331276
Date Received: 03/27/15
Date Reported: 04/06/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
After GAC-1	5C27004-01	Vapor	5	03/27/15 08:19	03/27/15 13:17
After GAC-2	5C27004-02	Vapor	5	03/27/15 08:17	03/27/15 13:17
VOCs Gasoline Range Organics Vapor					
After GAC-1	5C27004-01	Vapor	5	03/27/15 08:19	03/27/15 13:17
After GAC-2	5C27004-02	Vapor	5	03/27/15 08:17	03/27/15 13:17
VOCs GRO Vapor as Hexane					
After GAC-1	5C27004-01	Vapor	5	03/27/15 08:19	03/27/15 13:17
After GAC-2	5C27004-02	Vapor	5	03/27/15 08:17	03/27/15 13:17

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331276
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	03/27/15

After GAC-1

5C27004-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	**1.4**	ug/L	0.50	**0.32**	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	**4.0**	ug/L	0.50	**1.1**	ppmv	0.13
o-Xylene	**1.9**	ug/L	0.50	**0.44**	ppmv	0.12
m,p-Xylenes	**4.1**	ug/L	1.0	**0.94**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	115 %	70-140
Dibromofluoromethane	109 %	70-140
Toluene-d8	112 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331276
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	03/27/15

After GAC-2

5C27004-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	**0.66**	ug/L	0.50	**0.15**	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	**2.5**	ug/L	0.50	**0.66**	ppmv	0.13
o-Xylene	**1.4**	ug/L	0.50	**0.32**	ppmv	0.12
m,p-Xylenes	**1.1**	ug/L	1.0	**0.25**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	112 %	70-140
Dibromofluoromethane	109 %	70-140
Toluene-d8	110 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331276
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	03/27/15

After GAC-1

5C27004-01 (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	112 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331276
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	03/27/15

After GAC-2

5C27004-02 (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	112 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331276
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	03/27/15

After GAC-1

5C27004-01 (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	112 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331276
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15
Matrix:	Vapor	**Sampled:**	03/27/15
Dilution:	1	**Prepared:**	03/27/15
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	03/27/15

After GAC-2

5C27004-02 (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	112 %	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: A5331276
Date Received: 03/27/15
Date Reported: 04/06/15

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 B5C2701 - *** DEFAULT PREP ****										
Blank (B5C2701-BLK1)				Prepared & Analyzed: 03/27/15						
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	*55.2*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*53.3*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*54.7*		*ug/L*	*50*		*109*	*70-140*			
LCS (B5C2701-BS1)				Prepared & Analyzed: 03/27/15						
Benzene	**23.2**	0.50	ug/L	20		116	75-125			
Ethylbenzene	**22.8**	0.50	ug/L	20		114	75-125			
Methyl-tert-Butyl Ether (MTBE)	**20.3**	2.0	ug/L	20		102	75-125			
Toluene	**22.1**	0.50	ug/L	20		111	75-125			
o-Xylene	**23.4**	0.50	ug/L	20		117	75-125			
m,p-Xylenes	**45.1**	1.0	ug/L	40		113	75-125			
Surrogate: 4-Bromofluorobenzene	*56.3*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Dibromofluoromethane	*50.8*		*ug/L*	*50*		*102*	*70-140*			
Surrogate: Toluene-d8	*52.8*		*ug/L*	*50*		*106*	*70-140*			
LCS Dup (B5C2701-BSD1)				Prepared & Analyzed: 03/27/15						
Benzene	**21.2**	0.50	ug/L	20		106	75-125	8.91	30	
Ethylbenzene	**24.0**	0.50	ug/L	20		120	75-125	5.18	30	
Methyl-tert-Butyl Ether (MTBE)	**25.0**	2.0	ug/L	20		125	75-125	20.6	30	
Toluene	**22.0**	0.50	ug/L	20		110	75-125	0.499	30	
o-Xylene	**23.2**	0.50	ug/L	20		116	75-125	0.643	30	
m,p-Xylenes	**47.7**	1.0	ug/L	40		119	75-125	5.60	30	
Surrogate: 4-Bromofluorobenzene	*59.2*		*ug/L*	*50*		*118*	*70-140*			
Surrogate: Dibromofluoromethane	*51.5*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*53.2*		*ug/L*	*50*		*106*	*70-140*			
Duplicate (B5C2701-DUP1)				**Source: 5C26006-01** Prepared & Analyzed: 03/27/15						

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: A5331276
Date Received: 03/27/15
Date Reported: 04/06/15

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 B5C2701 - *** DEFAULT PREP ****										
Duplicate (B5C2701-DUP1) Continued				**Source: 5C26006-01**			Prepared & Analyzed: 03/27/15			
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	*55.0*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*58.9*		*ug/L*	*50*		*118*	*70-140*			
Surrogate: Toluene-d8	*63.2*		*ug/L*	*50*		*126*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B5C2708 - *** DEFAULT PREP ****										
Blank (B5C2708-BLK1)							Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*50.1*		*ug/L*	*50*		*100*	*70-130*			
LCS (B5C2708-BS1)							Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**523**	20	ug/L	500		105	75-125			
Surrogate: a,a,a-Trifluorotoluene	*54.6*		*ug/L*	*50*		*109*	*70-130*			
LCS Dup (B5C2708-BSD1)							Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**544**	20	ug/L	500		109	75-125	3.85	30	
Surrogate: a,a,a-Trifluorotoluene	*52.4*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP1)				**Source: 5C24017-02**			Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*52.3*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP2)				**Source: 5C26006-01**			Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**19200**	500	ug/L		21300			10.7	30	
Surrogate: a,a,a-Trifluorotoluene	*49.6*		*ug/L*	*50*		*99.3*	*70-130*			
Duplicate (B5C2708-DUP3)				**Source: 5C27003-01**			Prepared & Analyzed: 03/27/15			
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	

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: A5331276
Date Received: 03/27/15
Date Reported: 04/06/15

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B5C2708 - *** DEFAULT PREP ****										
Duplicate (B5C2708-DUP3) Continued			**Source: 5C27003-01**	Prepared & Analyzed: 03/27/15						
Surrogate: a,a,a-Trifluorotoluene	*53.9*		*ug/L*	*50*		*108*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B5C2708 - *** DEFAULT PREP ****										
Blank (B5C2708-BLK1)				Prepared & Analyzed: 03/27/15						
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*50.1*		*ug/L*	*50*		*100*	*70-130*			
LCS (B5C2708-BS1)				Prepared & Analyzed: 03/27/15						
GRO as Hexane	**523**	20	ug/L	500		105	75-125			
Surrogate: a,a,a-Trifluorotoluene	*54.6*		*ug/L*	*50*		*109*	*70-130*			
LCS Dup (B5C2708-BSD1)				Prepared & Analyzed: 03/27/15						
GRO as Hexane	**544**	20	ug/L	500		109	75-125	3.85	30	
Surrogate: a,a,a-Trifluorotoluene	*52.4*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP1)			**Source: 5C24017-02**	Prepared & Analyzed: 03/27/15						
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*52.3*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP2)			**Source: 5C26006-01**	Prepared & Analyzed: 03/27/15						
GRO as Hexane	**19200**	500	ug/L		21300			10.7	30	
Surrogate: a,a,a-Trifluorotoluene	*52.7*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B5C2708-DUP3)			**Source: 5C27003-01**	Prepared & Analyzed: 03/27/15						
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*53.9*		*ug/L*	*50*		*108*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331276
Project No:	04-NDLA-001	**Date Received:**	03/27/15
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/06/15

Special Notes

Viorel Vasile
Operations Manager

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AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

Tel: 818-998-5547 FAX: 818-998-7258

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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) — Please enter the TAT Turnaround Codes ** below

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
After GAC-1	SC27094-01	3-27-15	0819	Air	1	✓	✓	✓	
After GAC-2	-02	"	0817	Air	1	✓	✓	✓	

PRIORITY ✓ SH Rush Hrs Date 3/27/15 Time 1325 Sign

AS331276/SC27004

Relinquished by	Date	Time	Received by
Glenn Androsko	3-27-15	11:30	[signature]
[signature]	3/27/15	1317	[signature]

15 MAR 27

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.