STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_REPORT FILE

SUCCESS

Your GEO_REPORT file has been successfully submitted!

Submittal Type:	GEO_REPORT
Report Title:	REMEDIATION STATUS REPORT - SECOND QUARTER 2016
Report Type:	Remedial Progress Report
Report Date:	7/15/2016
Facility Global ID:	SLT43185183
Facility Name:	Norwalk, Fuel Terminal DFSP - DOD - NORWALK DFSP
File Name:	DFSP Norwalk Remediation Status Report_Second Quarter 2016.pdf
Organization Name:	The Source Group, Inc.
Username:	SIGNAL HILL
IP Address:	66.214.148.134
Submittal Date/Time:	7/19/2016 12:12:28 PM
Confirmation Number:	5022590398

REMEDIATION STATUS REPORT - SECOND QUARTER 2016

DEFENSE FUEL SUPPORT POINT NORWALK
15306 Norwalk Boulevard
Norwalk, California

04-NDLA-018

Prepared For:

Defense Logistics Agency – Installation Support for Energy
8725 John J. Kingman Drive
Fort Belvoir, VA 22060-6222

For Submittal To:

Paul Cho, P.G. Engineering Geologist
California Regional Water Quality Control Board, Site Cleanup Unit III
Los Angeles Region
320 West Fourth Street, Suite 200
Los Angeles, California 90013

Prepared By:

SGI environmental THE SOURCE GROUP, INC.

1962 Freeman Avenue
Signal Hill, California 90755

July 15, 2016

Prepared By:

Michael Wood, P.E.
Senior Engineer

Reviewed By:

Neil F. Irish, P.G. 5484
Principal Geologist

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

LIST OF ACRONYMS

DLA Energy	Defense Logistics Agency – Installation Support for 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	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
OVA	Organic Vapor Analyzer

1.0 INTRODUCTION

On behalf of our client, Defense Logistics Agency – Installation Support for 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, prevent off-site migration, contain contaminant mass, and ultimately 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 Technologies

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. The aboveground treatment of contaminated vadose zone soils excavated at the Site has also been conducted since April 2015. 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: former AST 80001 area (VEW-23), former AST 80006 and 80007 areas (VEW-20, VEW-21, VEW-22, HW-1, and HW-3), former AST 80008 area (VEW-24, VEW-25, VEW-26, VEW-27, HW-5, and HW-7), former 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), former water tank area (VEW-31), and former 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 are followed by a pair of tertiary vessels, each 2,000 pounds, installed in parallel. 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 through 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 a minimum of two ion exchange vessels (for arsenic treatment) in series prior to being discharged to the 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 through 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 due to ongoing soil cleanup activities.

1.2.4 LNAPL Removal

LNAPL removal has been conducted via manual bailing, vacuum truck, passive skimming, active pumping using a product skimming system 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 through 8l.

1.2.5 Aboveground Soil Treatment

Per SGI's *Remediation Status Report – First Quarter 2015*, dated May 1, 2015, the excavation of contaminated vadose zone soils at the Site began during January 2015 and continued during the current reporting period. Treatment is achieved via the construction of biopiles that are connected to the SVE system for SCAQMD permit compliance purposes. It is anticipated that up to 100,000 cubic yards of petroleum hydrocarbon contaminated soil will be remediated to depths up to 35 feet. 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.

2.0 OPERATIONS, MAINTENANCE, AND MONITORING

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.

Remediation system inspections were performed on a minimum 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, 2c, 3a, 3b, and 3c.

2.1 Soil Vapor Extraction System

The VES operated throughout the majority of the reporting period except for some brief off-line periods in early and late April, mid-May and early June to conduct routine system maintenance and/or carbon change out activities. The system was only otherwise off-line for about a week in late June pending the completion of more involved maintenance and carbon change out work.

Performance and compliance soil vapor samples from the VES were collected during the reporting period on April 6, May 4, and June 6, 2016. 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

The GWETS was off-line between April 4 and 28, 2016 to conduct routine semi-annual groundwater monitoring and sampling activities but otherwise operated throughout the reporting

period. Performance and compliance water samples from the GWETS were collected during the reporting period on April 4, May 4, and June 1, 2016. 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;
- Total dissolved solids using SM 2540 C;
- 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 were provided under separate cover in SGI's *Groundwater Discharge Monitoring Report,* dated July 13, 2016. 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

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 via manually bailing, active pumping using a product skimming system and by utilizing absorbent socks installed in select wells. LNAPL gauging results and estimated mass and volume removal are summarized in Tables 8a through 8l.

2.4 Aboveground Soil Treatment

Soil biopiles were initially connected to the VES and brought online April 24, 2015 following the completion of aboveground treatment cell construction activities. Biopile OM&M continued throughout the current reporting period. Details associated with the OM&M of the biopiles are provided in Tables 3a through 3c. Further details regarding treatment cell construction and excavated soil cleanup activities are provided in SGI's Quarter 2, 2016 *Waste Discharge Requirements Progress Report.*

3.0 SUMMARY OF REMEDIATION PROGRESS

The following sections describe remedial progress at the Site.

3.1 Soil Vapor Extraction System

During the reporting period, the VES extracted soil vapors from three of the four horizontal wells that span through the entire former tank farm area (HW-1, HW-3, HW-5), and two vertical wells in the northeastern area (VEW-32 and VEW-33), and ex-situ biopiles from vadose zone soil excavation and treatment activities. Extraction from other existing vapor extraction wells was not conducted based on field and/or laboratory data presented herein. The total mass of VOCs removed via SVE during this quarter (Second Quarter 2016) period was approximately 2,453 pounds and approximately 2,947,716 pounds since April 1996 (Tables 3a, 3b, and 3c). The total mass removed by SVE does not include the mass removed in-situ via biodegradation.

3.2 Groundwater Extraction and Treatment System

During the 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 this quarter was approximately 407,531 gallons and approximately 74,763,291 gallons since April 1996. Based on the TPHd results for influent water samples and total groundwater extracted, the mass of TPHd removed by GWE was approximately 0.7 pounds (Table 2c) this quarter and approximately 9,942 pounds since April 1996 (Table 2c).

3.3 LNAPL Removal

During the reporting period, DTW and DTP was measured in GMW-62 located off site in Holifield Park and GMW-21, TF-18, TF-19, GMW-7, and recently installed wells RTF-18-N, RTF-18-E, RTF-18-W, RTF-18-NW and RTF-18-NNW (installed in the vicinity of existing well TF-18 to enhance LNAPL removal in that area). LNAPL was removed via manual bailing, active pumping using a product skimming system and by utilizing absorbent socks installed in select wells. Approximately 256.9 gallons (1,758 pounds) of LNAPL was recovered from the Site this quarter (Tables 8a through 8l).

3.4 Aboveground Soil Treatment

A total of 5 new biopiles were brought online during the reporting period with 4 other piles being taken off-line by the end of the quarter based on confirmation of treatment to below the SCAQMD permit required limit for active SVE. Upon completion of biological treatment, the appropriate soil piles will be properly backfilled and compacted at the Site following confirmation of cleanup via soil sampling and LARWQCB approval to proceed.

4.0 SYSTEM EVALUATION AND OPTIMIZATION

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

For the VES, vapor-phase VOC concentrations from the horizontal and vertical wells remained relatively stable this quarter with wells HW-7, and VEW-34 through VEW-37 being left off-line based on continued low/asymptotic field readings (Table 6). Extraction from the remaining horizontal and vertical wells (i.e., HW-1, HW-3, HW-5, VEW-32 and VEW-33) continued during the reporting period based on field readings (Table 6) and April 2016 confirmation analytical sampling results (Table 7). All SVE wells were closed between May 25 and June 17, 2016 to focus extraction efforts on the soil biopiles.

Ex-situ soil biopile VOC concentrations exhibited an overall decreasing trend during the majority of the reporting period with no dilution air being required to balance the system since late December 2015. This is largely due to the relatively low number of new biopiles that were brought online as the excavation portion of the project nears completion. As indicated on Tables 3a through 3c, individual well and biopile vapor concentrations were measured with an organic vapor analyzer (OVA) in an effort to optimize system performance. SGI will continue to monitor individual well and biopile influent vapor concentrations, and modify which wells/biopiles are online along with adjusting valve positions, as necessary.

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. The overall area of impacts and plumes were also similar to previous events.

GWE in the northwest and northeast areas will continue to assist with contaminant containment. Additionally, absorbent sock installation and LNAPL recovery via pumping and/or manual bailing will continue. Lastly, the permitting and installation of an active product recovery system began during the current reporting period and is anticipated to be completed in the near future. The system will consist of at least four pneumatically activated product removal pumps deployed in key wells where LNAPL yields are the most significant (based primarily on recent bail down testing results). The pumped product will be routed to a permitted aboveground storage tank located within the existing treatment compound via double contained conveyance piping for subsequent off-site removal by a licensed transport, recycling and disposal company.

5.0 PLANNED THIRD QUARTER 2016 ACTIVITIES

During the next reporting period, DLA Energy plans to continue to focus in-situ remedial efforts on the northwest, northeast, and north-central areas of the Site along with conducting further ex-situ soil treatment. Following is a summary of planned Third Quarter 2016 OM&M activities:

- Continue weekly maintenance and monitoring of the VES and GWETS;
- Measure individual well vapor concentrations with an OVA;
- Collect individual well vapor samples for laboratory analysis;
- Continue regular LNAPL gauging and removal activities, including wells RTF-18-N, RTF-18-E, RTF-18-W, RTF-18-NW and RTF-18-NNW which were recently installed to enhance product removal in the vicinity of existing well TF-18;
- Complete product recovery system permitting and installation with tie-in to key wells where LNAPL yields are the most significant;
- Begin product recovery system OM&M in the north-central portion of the site;
- Collect and analyze SVE and GWE system influent and effluent vapor and groundwater samples;
- Continue to evaluate GWE flow rates and confirm contaminant containment;
- Continue on-site soil excavation, treatment cell construction and ex-situ biopile remediation;
- Continue backfilling/compacting appropriate biopiles following confirmation of soil cleanup goals and LARWQCB approval to proceed; and
- Evaluate re-implementation of the biosparge system upon completion of soil cleanup activities.

Ongoing remediation activities and progress will be described in the *Third Quarter 2016 Remediation Progress Report* to be submitted by November 15, 2016.

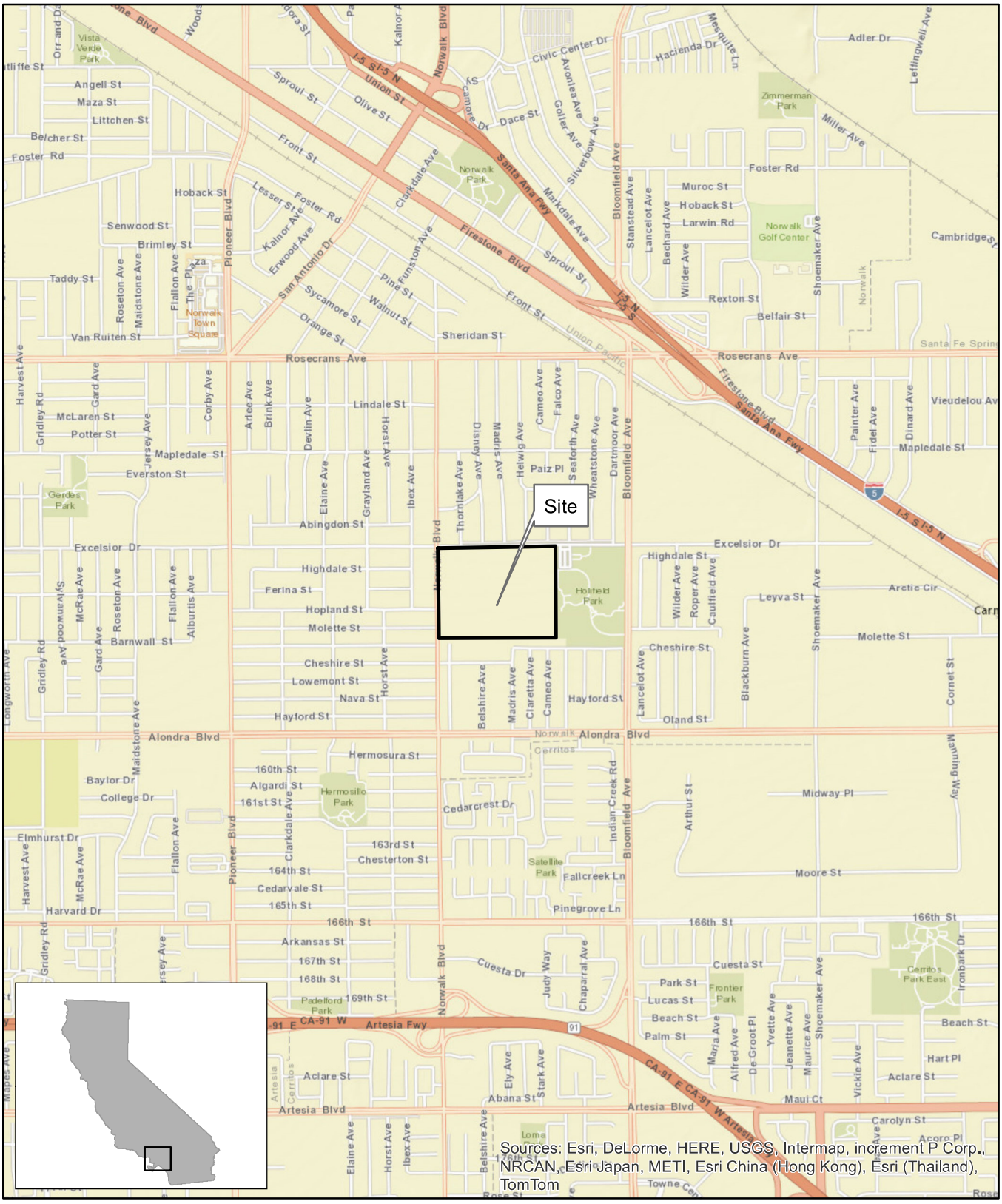
6.0 LIMITATIONS

This document was prepared for the exclusive use of the Defense Logistics Agency – Installation Support for 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



SOURCE:	PROJECT NO.:	DATE:	DR.BY:	APP.BY:	SCALE= 1:24,000	N
ESRI 7.5 MINUTE TOPOGRAPHIC MAP. http://resources.esri.com/arcgisonlineservices	04-NDLA-003	5/28/2014	JK	PP	0 1,000 2,000 4,000 Feet	

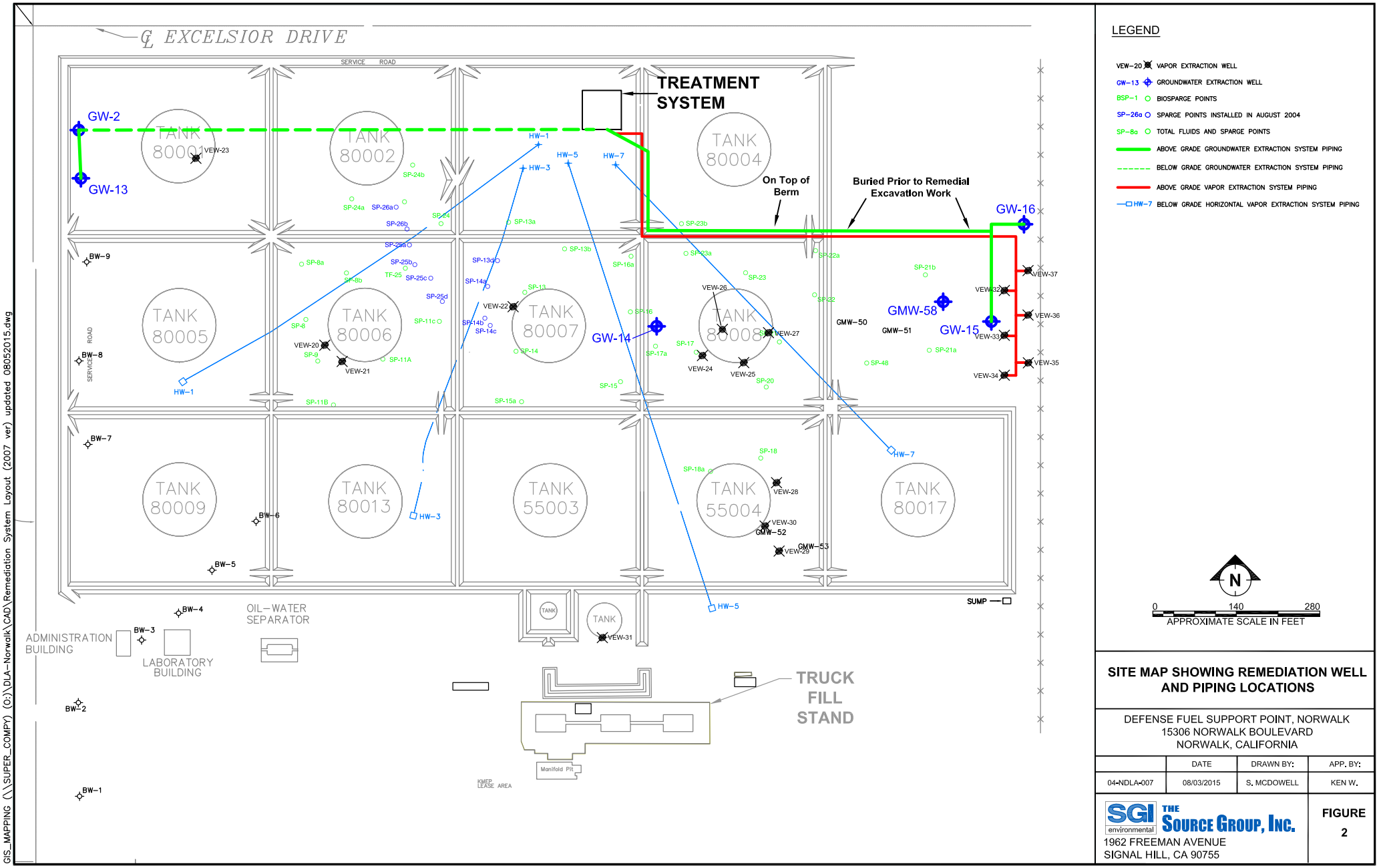
SGI environmental THE SOURCE GROUP, INC.
1962 FREEMAN AVENUE
SIGNAL HILL, CA 90755
(562) 597-1055

DEFENSE FUEL SUPPORT POINT NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

SITE LOCATION MAP

FIGURE **1**

Document Name: Fig-1_Norwalk_Site_Location_Map



LEGEND

- VEW-20 VAPOR EXTRACTION WELL
- GW-13 GROUNDWATER EXTRACTION WELL
- BSP-1 BIOSPARGE POINTS
- SP-26a SPARGE POINTS INSTALLED IN AUGUST 2004
- SP-8a TOTAL FLUIDS AND SPARGE POINTS
- ABOVE GRADE GROUNDWATER EXTRACTION SYSTEM PIPING
- BELOW GRADE GROUNDWATER EXTRACTION SYSTEM PIPING
- ABOVE GRADE VAPOR EXTRACTION SYSTEM PIPING
- HW-7 BELOW GRADE HORIZONTAL VAPOR EXTRACTION SYSTEM PIPING

N

0 140 280

APPROXIMATE SCALE IN FEET

SITE MAP SHOWING REMEDIATION WELL AND PIPING LOCATIONS

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

	DATE	DRAWN BY:	APP. BY:
04-NDLA-007	08/03/2015	S. MCDOWELL	KEN W.

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

FIGURE 2

GIS_MAPPING (\\SUPER_COMPY) (O:)\DLA-Norwalk\CAD\Remediation System Layout (2007 ver) updated 08052015.dwg

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	73.75	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
	RTF-18-N		12/28/15	75.17	40	25 - 40	TFE, GWE
	RTF-18-E		12/28/15	75.19	40	25 - 40	TFE, GWE
	RTF-18-W		12/28/15	74.86	40	25 - 40	TFE, GWE
	RTF-18-NW		12/29/15	76.22	40	25 - 40	TFE, GWE
	RTF-18-NNW		12/29/15	76.77	40	25 - 40	TFE, GWE

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 Operations Summary - April

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 North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
04/01/16	*		452,629	3,498,445	1,681,499	7,374,275	9,055,774	3,951,074	74,362,098	--	9,942
04/02/16	*		454,465	3,500,111	1,682,627	7,376,761	9,059,388	3,954,576	74,368,436	--	9,942
04/03/16	*		456,301	3,501,777	1,683,754	7,379,247	9,063,001	3,958,079	74,374,774	--	9,942
04/04/16	Technician	1	458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	76	9,942
04/05/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/06/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/07/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/08/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/09/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/10/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/11/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/12/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/13/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/14/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/15/16	Technician	2	458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/16/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/17/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/18/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/19/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/20/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/21/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/22/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/23/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/24/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/25/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/26/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/27/16	Off line		458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/28/16	Technician	3	458,163	3,503,467	1,684,898	7,381,767	9,066,665	3,961,630	74,381,200	--	9,942
04/29/16	*		461,852	3,506,783	1,686,485	7,384,592	9,071,076	3,968,636	74,390,582	--	9,942
04/30/16	*		465,542	3,510,100	1,688,072	7,387,416	9,075,488	3,975,641	74,399,963	--	9,942

Cumulative Groundwater Discharged by the GWETS to Date (gallons)							
Period	April	Quarter 1, 2016	Quarter 2, 2016	Quarter 3, 2016	Quarter 4, 2016	2016 to Date	April 1996 to Date
Volume	44,203	496,032	44,203	--	--	540,235	74,399,963

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	April	Quarter 2 to Date	April 1996 to Date
Mass	0.03	0.03	9,941.5

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

Legend / Notes:

1 = Collected monthly process, intermediate and effluent water samples for laboratory analysis followed by manually shutting system down to conduct routine semi-annual groundwater monitoring and sampling activities, as well as a precautionary measure pending receipt of effluent Arsenic results per SGI's April 8, 2016 *Groundwater Discharge Monitoring Report.*

2 = SGI staff met with Mr. Jose Morales of RWQCB for routine annual GWETS inspection.

3 = GWETS restarted following confirmation of compliance with the effluent Arsenic limit and Executive Officer approval to resume regular monthly monitoring.

GWETS = Groundwater extraction and treatment system

µg/L - Micrograms per liter

lb = Pounds

DRO = Diesel range organics

A = Hydrocarbon removal is calculated using analytical laboratory result for DRO (if not detected, half the detection limit is used) from sample collected on: 04/04/16 (laboratory report 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 Operations Summary - May

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 North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
05/01/16	*		469,231	3,513,416	1,689,658	7,390,241	9,079,899	3,982,647	74,409,345	--	9,942
05/02/16	Technician		472,613	3,516,456	1,691,113	7,392,830	9,083,943	3,989,069	74,417,945	--	9,942
05/03/16	*		475,253	3,518,876	1,694,016	7,394,727	9,088,743	3,994,129	74,425,253	--	9,942
05/04/16	Technician	1,2,3	477,398	3,520,842	1,696,375	7,396,268	9,092,643	3,998,240	74,431,190	170	9,942
05/05/16	*		479,657	3,522,886	1,697,228	7,397,882	9,095,109	4,002,543	74,435,960	--	9,942
05/06/16	*		481,916	3,524,929	1,698,081	7,399,495	9,097,576	4,006,845	74,440,730	--	9,942
05/07/16	*		484,175	3,526,973	1,698,933	7,401,109	9,100,042	4,011,148	74,445,500	--	9,942
05/08/16	*		486,434	3,529,016	1,699,786	7,402,722	9,102,509	4,015,450	74,450,270	--	9,942
05/09/16	Technician		488,693	3,531,060	1,700,639	7,404,336	9,104,975	4,019,753	74,455,040	--	9,942
05/10/16	*		491,909	3,533,971	1,703,138	7,406,691	9,109,830	4,025,880	74,463,395	--	9,942
05/11/16	*		495,125	3,536,883	1,705,637	7,409,047	9,114,684	4,032,008	74,471,749	--	9,942
05/12/16	*		498,341	3,539,794	1,708,136	7,411,402	9,119,539	4,038,135	74,480,104	--	9,942
05/13/16	*		501,557	3,542,705	1,710,636	7,413,757	9,124,393	4,044,263	74,488,458	--	9,942
05/14/16	*		504,774	3,545,617	1,713,135	7,416,113	9,129,248	4,050,390	74,496,813	--	9,942
05/15/16	*		507,990	3,548,528	1,715,634	7,418,468	9,134,102	4,056,518	74,505,167	--	9,942
05/16/16	Technician		511,485	3,551,692	1,718,350	7,421,028	9,139,378	4,063,177	74,514,247	--	9,942
05/17/16	*		513,958	3,553,953	1,720,779	7,422,749	9,143,528	4,067,911	74,521,206	--	9,942
05/18/16	*		516,431	3,556,215	1,723,209	7,424,469	9,147,678	4,072,646	74,528,165	--	9,942
05/19/16	*		518,904	3,558,476	1,725,638	7,426,190	9,151,828	4,077,380	74,535,124	--	9,942
05/20/16	Technician		521,420	3,560,777	1,728,110	7,427,940	9,156,050	4,082,197	74,542,204	--	9,942
05/21/16	*		525,105	3,564,126	1,730,142	7,430,733	9,160,876	4,089,232	74,551,266	--	9,942
05/22/16	*		528,791	3,567,476	1,732,175	7,433,527	9,165,701	4,096,266	74,560,327	--	9,942
05/23/16	Technician		532,745	3,571,069	1,734,355	7,436,524	9,170,879	4,103,814	74,570,050	--	9,942
05/24/16	*		535,285	3,573,393	1,736,613	7,438,497	9,175,110	4,108,678	74,577,373	--	9,942
05/25/16	*		537,825	3,575,716	1,738,870	7,440,471	9,179,341	4,113,541	74,584,696	--	9,942
05/26/16	*		540,365	3,578,040	1,741,128	7,442,444	9,183,573	4,118,405	74,592,019	--	9,942
05/27/16	Technician		543,011	3,580,460	1,743,480	7,444,500	9,187,980	4,123,471	74,599,647	--	9,942
05/28/16	*		545,038	3,582,308	1,745,566	7,446,264	9,191,830	4,127,346	74,605,845	--	9,942
05/29/16	*		547,065	3,584,156	1,747,652	7,448,029	9,195,681	4,131,221	74,612,042	--	9,942
05/30/16	*		549,092	3,586,004	1,749,738	7,449,793	9,199,531	4,135,096	74,618,240	--	9,942
05/31/16	*		551,120	3,587,852	1,751,824	7,451,557	9,203,381	4,138,971	74,624,438	--	9,942

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	May	Quarter 1, 2016	Quarter 2, 2016	Quarter 3, 2016	Quarter 4, 2016	2016 to Date	April 1996 to Date
Volume	224,474	496,032	268,678	--	--	764,710	74,624,438

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	May	Quarter 2 to Date	April 1996 to Date
Mass	0.32	0.35	9,941.9

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

Legend / Notes:

1 = Collected monthly process, intermediate and effluent water samples for laboratory analysis.

2 = Collected quarterly effluent water samples for laboratory analysis.

3 = Began measuring residual chlorine in the field using HACH Test Kit Model CN-70 per the request of Mr. Jose Morales of the RWQCB during a routine GWETS inspection on 04/15/16.

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

GWETS = Groundwater extraction and treatment system

µg/L - Micrograms per liter

lb = Pounds

DRO = Diesel range organics

A = Hydrocarbon removal is calculated using analytical laboratory result for DRO (if not detected, half the detection limit is used) from sample collected on: 05/04/16 (laboratory report attached).

-- = Not applicable

* = Operational values interpolated from chart recorder data or previous monitoring event.

TABLE 2c

Groundwater Extraction and Treatment System Operations Summary - June

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 North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
06/01/16	Technician	1,2	552,830	3,589,411	1,753,584	7,453,046	9,206,630	4,142,241	74,629,667	280	9,942
06/02/16	*		554,123	3,590,596	1,756,148	7,455,578	9,211,726	4,144,719	74,635,847	--	9,942
06/03/16	*		555,417	3,591,780	1,758,712	7,458,109	9,216,821	4,147,197	74,642,026	--	9,942
06/04/16	*		556,710	3,592,965	1,761,277	7,460,641	9,221,917	4,149,675	74,648,206	--	9,942
06/05/16	*		558,004	3,594,149	1,763,841	7,463,172	9,227,013	4,152,153	74,654,386	--	9,942
06/06/16	Technician		559,351	3,595,383	1,766,512	7,465,809	9,232,321	4,154,734	74,660,823	--	9,942
06/07/16	*		561,238	3,597,115	1,767,759	7,467,612	9,235,371	4,158,353	74,665,714	--	9,942
06/08/16	*		563,125	3,598,847	1,769,007	7,469,415	9,238,422	4,161,973	74,670,604	--	9,942
06/09/16	*		565,012	3,600,579	1,770,254	7,471,218	9,241,472	4,165,592	74,675,495	--	9,942
06/10/16	Technician		566,703	3,602,131	1,771,372	7,472,833	9,244,205	4,168,834	74,679,876	--	9,942
06/11/16	*		568,728	3,604,021	1,772,727	7,474,549	9,247,276	4,172,749	74,684,954	--	9,942
06/12/16	*		570,753	3,605,910	1,774,083	7,476,264	9,250,347	4,176,663	74,690,032	--	9,942
06/13/16	*		572,778	3,607,800	1,775,438	7,477,980	9,253,418	4,180,578	74,695,110	--	9,942
06/14/16	*		574,803	3,609,689	1,776,794	7,479,695	9,256,489	4,184,492	74,700,188	--	9,942
06/15/16	Technician		577,173	3,611,900	1,778,380	7,481,703	9,260,083	4,189,073	74,706,130	--	9,942
06/16/16	*		578,694	3,613,345	1,779,446	7,482,925	9,262,371	4,192,039	74,709,879	--	9,942
06/17/16	*		580,215	3,614,790	1,780,512	7,484,148	9,264,660	4,195,005	74,713,628	--	9,942
06/18/16	*		581,736	3,616,235	1,781,578	7,485,370	9,266,948	4,197,970	74,717,377	--	9,942
06/19/16	*		583,257	3,617,680	1,782,644	7,486,593	9,269,236	4,200,936	74,721,126	--	9,942
06/20/16	*		584,778	3,619,125	1,783,710	7,487,815	9,271,525	4,203,902	74,724,875	--	9,942
06/21/16	*		586,299	3,620,569	1,784,775	7,489,038	9,273,813	4,206,868	74,728,624	--	9,942
06/22/16	*		587,819	3,622,014	1,785,841	7,490,260	9,276,102	4,209,834	74,732,373	--	9,942
06/23/16	Technician		589,240	3,623,364	1,786,837	7,491,402	9,278,239	4,212,604	74,735,875	--	9,942
06/24/16	*		590,738	3,624,793	1,787,860	7,492,674	9,280,535	4,215,532	74,739,850	--	9,942
06/25/16	*		592,237	3,626,223	1,788,884	7,493,946	9,282,830	4,218,460	74,743,825	--	9,942
06/26/16	*		593,735	3,627,652	1,789,907	7,495,219	9,285,126	4,221,387	74,747,799	--	9,942
06/27/16	Technician	3	595,447	3,629,285	1,791,076	7,496,672	9,287,748	4,224,732	74,752,340	--	9,942
06/28/16	*		596,918	3,630,684	1,792,116	7,498,064	9,290,180	4,227,602	74,756,302	--	9,942
06/29/16	*		598,389	3,632,083	1,793,156	7,499,456	9,292,611	4,230,472	74,760,264	--	9,942
06/30/16	Technician		599,512	3,633,152	1,793,950	7,500,519	9,294,469	4,232,664	74,763,291	--	9,942

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	June	Quarter 1, 2016	Quarter 2, 2016	Quarter 3, 2016	Quarter 4, 2016	2016 to Date	April 1996 to Date
Volume	138,853	496,032	407,531	--	--	903,563	74,763,291

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	June	Quarter 2 to Date	April 1996 to Date
Mass	0.32	0.67	9,942.2

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

Legend / Notes:

1 = Collected monthly influent, intermediate, and effluent water samples for laboratory analysis.

2 = Measured residual chlorine in the field using HACH Test Kit Model CN-70 per the request of Mr. Jose Morales of the RWQCB during a routine GWETS inspection on 04/15/16.

3 = GWETS temporarily off-line for maintenance.

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

GWETS = Groundwater extraction and treatment system

µg/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 sample collected on: 06/01/16 (laboratory report attached).

-- = Not applicable

* = Operational values interpolated from chart recorder data or previous monitoring event.

TABLE 3a

Soil Vapor Extraction System Summary of Operations - April

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 (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
04/01/16	*		35,653	840	--	--	--	--	--	2,945,299
04/02/16	*		35,677	840	--	--	--	--	--	2,945,336
04/03/16	*		35,701	840	--	--	--	--	--	2,945,373
04/04/16	Technician		33,604	814	2	110	--	144	0.0	2,945,409
04/05/16	*		33,628	814	--	--	--	--	--	2,945,445
04/06/16	Technician	1,2,3,4	35,768	833	2	104	120	124	0.0	2,945,482
04/07/16	*		35,792	833	--	--	--	--	--	2,945,518
04/08/16	*		35,816	833	--	--	--	--	--	2,945,555
04/09/16	*		35,840	833	--	--	--	--	--	2,945,592
04/10/16	*		35,864	833	--	--	--	--	--	2,945,628
04/11/16	*		35,888	833	--	--	--	--	--	2,945,665
04/12/16	*		35,912	833	--	--	--	--	--	2,945,702
04/13/16	Technician		35,935	804	3	100	--	139	0.6	2,945,737
04/14/16	*		35,959	804	--	--	--	--	--	2,945,773
04/15/16	*		35,983	804	--	--	--	--	--	2,945,808
04/16/16	*		36,007	804	--	--	--	--	--	2,945,844
04/17/16	*		36,031	804	--	--	--	--	--	2,945,879
04/18/16	Technician		36,055	818	2	124	--	118	2.7	2,945,915
04/19/16	*		36,079	818	--	--	--	--	--	2,945,951
04/20/16	Technician		36,104	791	3	125	--	106	7.9	2,945,986
04/21/16	*		36,128	791	--	--	--	--	--	2,946,021
04/22/16	*		36,152	791	--	--	--	--	--	2,946,056
04/23/16	*		36,176	791	--	--	--	--	--	2,946,090
04/24/16	*		36,200	791	--	--	--	--	--	2,946,125
04/25/16	*		36,224	791	--	--	--	--	--	2,946,160
04/26/16	*		36,248	791	--	--	--	--	--	2,946,195
04/27/16	Technician	5	36,266	814	2	110	--	116	0.0	2,946,231
04/28/16	*		36,290	814	--	--	--	--	--	2,946,267
04/29/16	*		36,314	814	--	--	--	--	--	2,946,303
04/30/16	*		36,338	814	--	--	--	--	--	2,946,338

Cumulative Mass TPHg Removed by the VES [D] (lb)			
Period	April	Quarter 2 to Date	April 1996 to Date
Mass	1,076	1,076	2,946,338

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

Legend / Notes:

1 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.
2 = Measured individual well vapor concentrations with an OVA.
3 = Collected select individual well vapor samples for laboratory analysis.
4 = VES temporarily off-line for a couple hours to conduct routine maintenance work.
5 = VES temporarily off-line for a few hours to conduct carbon change out work.

Vapor extraction wells on line this month: VEW-32, VEW-33, HW-1, HW-3, HW-5
Soil biopiles on line this month: Powerine P-SP-01, 80001 A-SP-01 and B-SP-01, 80002 J-SP-01, K-SP-01, M-SP-01 and N-SP-01, 80006 N-SP-01 through P-SP-01 and R-SP-01, 80013 D-SP-01, and F-SP-01 through I-SP-01

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 organic vapor analyzer (OVA).
C = Concentrations correlated to laboratory data and expressed as hexane.
D = Hydrocarbon removal is calculated using analytical laboratory result for GRO (if not detected, half the detection limit is used) from sample collected on: 04/06/16 (laboratory report attached).
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

TABLE 3b

Soil Vapor Extraction System Summary of Operations - May

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 (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
05/01/16	*		36,362	814	--	--	--	--	--	2,946,374
05/02/16	Technician		36,386	817	2	120	--	115	0.0	2,946,410
05/03/16	*		36,410	817	--	--	--	--	--	2,946,446
05/04/16	Technician	1,2	36,434	830	2	102	100	107	0.1	2,946,477
05/05/16	*		36,458	830	--	--	--	--	--	2,946,507
05/06/16	*		36,482	830	--	--	--	--	--	2,946,538
05/07/16	*		36,506	830	--	--	--	--	--	2,946,569
05/08/16	*		36,530	830	--	--	--	--	--	2,946,599
05/09/16	Technician	2,3	36,554	811	2	102	--	105	3.6	2,946,629
05/10/16	*		36,578	811	--	--	--	--	--	2,946,659
05/11/16	*		36,602	811	--	--	--	--	--	2,946,689
05/12/16	Technician		36,626	820	3	122	--	106	8.7	2,946,719
05/13/16	*		36,650	820	--	--	--	--	--	2,946,749
05/14/16	*		36,674	820	--	--	--	--	--	2,946,780
05/15/16	*		36,698	820	--	--	--	--	--	2,946,810
05/16/16	Technician	4	36,715	804	2	109	--	104	0.0	2,946,839
05/17/16	Technician	2	36,739	800	2	106	--	106	0.0	2,946,869
05/18/16	Technician	2,3	36,763	824	2	117	--	110	0.0	2,946,899
05/19/16	*		36,787	824	--	--	--	--	--	2,946,930
05/20/16	*		36,811	824	--	--	--	--	--	2,946,960
05/21/16	*		36,835	824	--	--	--	--	--	2,946,990
05/22/16	*		36,859	824	--	--	--	--	--	2,947,021
05/23/16	Technician		36,883	824	2	110	--	104	2.7	2,947,051
05/24/16	*		36,907	824	--	--	--	--	--	2,947,082
05/25/16	Technician	2,5	36,931	749	4	118	--	182	2.5	2,947,109
05/26/16	*		36,955	749	--	--	--	--	--	2,947,137
05/27/16	Technician	2,3	36,979	736	5	116	--	146	1.5	2,947,164
05/28/16	*		37,003	736	--	--	--	--	--	2,947,191
05/29/16	*		37,027	736	--	--	--	--	--	2,947,218
05/30/16	*		37,051	736	--	--	--	--	--	2,947,245
05/31/16	Technician	2,3	37,075	739	5	116	--	104	4.5	2,947,273

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	May	Quarter 2 to Date	April 1996 to Date
Mass	934	2,010	2,947,273

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

Legend / Notes:

1 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.
2 = Measured individual well and/or soil biopile vapor concentrations with an OVA.
3 = Select soil biopiles brought online and/or taken off-line.
4 = VES temporarily off-line for a few hours to conduct carbon change out work.
5 = All SVE wells closed to focus extraction efforts on soil biopiles.

Vapor extraction wells on line this month: VEW-32, VEW-33, HW-1, HW-3, HW-5
Soil biopiles on line this month: Powerine P-SP-01, 80001 A-SP-01 and B-SP-01, 80002 J-SP-01, K-SP-01, M-SP-01 and N-SP-01, 80006 N-SP-01 through S-SP-01, 80013 D-SP-01, and F-SP-01 through I-SP-01, and Operations A, B and C

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 organic vapor analyzer (OVA).
C = Concentrations correlated to laboratory data and expressed as hexane.
D = Hydrocarbon removal is calculated using analytical laboratory results for GRO (if not detected, half the detection limit is used) from samples collected on: 04/06/16 and 05/04/16 (laboratory reports attached).
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

TABLE 3c

Soil Vapor Extraction System Summary of Operations - June

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 (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
06/01/16	*		37,099	739	--	--	--	--	--	2,947,300
06/02/16	*		37,123	739	--	--	--	--	--	2,947,327
06/03/16	Technician	1	37,140	762	4	136	--	81	0.0	2,947,355
06/04/16	*		37,164	762	--	--	--	--	--	2,947,383
06/05/16	*		37,188	762	--	--	--	--	--	2,947,411
06/06/16	Technician	2	37,212	762	--	--	59	--	--	2,947,428
06/07/16	*		37,236	762	--	--	--	--	--	2,947,444
06/08/16	*		37,260	762	--	--	--	--	--	2,947,461
06/09/16	*		37,284	762	--	--	--	--	--	2,947,477
06/10/16	Technician		37,307	758	4	110	--	95	0.0	2,947,493
06/11/16	*		37,331	758	--	--	--	--	--	2,947,510
06/12/16	*		37,355	758	--	--	--	--	--	2,947,526
06/13/16	Technician	3	37,379	762	4	110	--	109	0.0	2,947,543
06/14/16	*		37,403	762	--	--	--	--	--	2,947,559
06/15/16	Technician		37,427	749	4	126	--	79	0.0	2,947,575
06/16/16	*		37,451	749	--	--	--	--	--	2,947,591
06/17/16	Technician	4	37,547	853	2	139	--	240	2.0	2,947,610
06/18/16	*		37,571	853	--	--	--	--	--	2,947,628
06/19/16	*		37,595	853	--	--	--	--	--	2,947,647
06/20/16	*		37,619	853	--	--	--	--	--	2,947,665
06/21/16	Technician	5	37,626	818	2	122	--	260	8.9	2,947,670
06/22/16	Off line		37,626	NA	--	--	--	--	--	2,947,670
06/23/16	Off line		37,626	NA	--	--	--	--	--	2,947,670
06/24/16	Off line		37,626	NA	--	--	--	--	--	2,947,670
06/25/16	Off line		37,626	NA	--	--	--	--	--	2,947,670
06/26/16	Off line		37,626	NA	--	--	--	--	--	2,947,670
06/27/16	Off line		37,626	NA	--	--	--	--	--	2,947,670
06/28/16	Technician	6	37,641	791	3	120	--	310	0.0	2,947,681
06/29/16	*		37,665	791	--	--	--	--	--	2,947,698
06/30/16	Technician		37,686	811	2	116	--	216	0.0	2,947,716

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	June	Quarter 2 to Date	April 1996 to Date
Mass	443	2,453	2,947,716

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

Legend / Notes:

1 = VES temporarily off-line for a few hours to conduct carbon change out work.
2 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.
3 = Measured individual well and/or soil biopile vapor concentrations with an OVA.
4 = Partially opened SVE wells HW-1, HW-3 and HW-5.
5 = VES manually shut down in advance of carbon change out work and for maintenance.
6 = VES restarted following completion of maintenance and carbon change out work.

Vapor extraction wells on line this month: HW-1, HW-3, HW-5
Soil biopiles on line this month: Powerine P-SP-01, 80001 B-SP-01, 80002 M-SP-01 and N-SP-01, 80006 O-SP-01 through S-SP-01, 80013 D-SP-01, and F-SP-01 through I-SP-01, and Operations A, B and C

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 organic vapor analyzer (OVA).
C = Concentrations correlated to laboratory data and expressed as hexane.
D = Hydrocarbon removal is calculated using analytical laboratory results for GRO (if not detected, half the detection limit is used) from samples collected on: 05/04/16 and 06/06/16 (laboratory reports attached).
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

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	GRO Field OVA Reading	GRO		GRO 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
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

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	GRO Field OVA Reading	GRO		GRO 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)
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
04/27/15	6	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	8015M & 8260M	132	**140**	**580**	**160**	**580**	**0.63**	**2.0**	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	**0.23**	**1.0**	**0.23**	**1.0**	<0.6	<2.0
05/29/15	6,7	--	8015M & 8260M	103	**83**	**340**	**97**	**340**	<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
06/03/15	6,8	VEW-32, VEW-33, VEW-34	8015M & 8260M	47	**32**	**130**	**37**	**130**	<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
07/09/15	6	VEW-32, VEW-33, VEW-34	8015M & 8260M	162	**150**	**600**	**170**	**600**	<0.16	<0.50	**0.15**	**0.58**	<0.12	<0.50	**0.67**	**2.9**	**0.71**	**3.1**	**1.38**	**6.0**	<0.55	<2.0
07/15/15	6,9	VEW-32, VEW-33, VEW-34	8015M & 8260M	147	**170**	**700**	**200**	**700**	<0.16	<0.50	**0.53**	**2.0**	**0.18**	**0.78**	**0.99**	**4.3**	**1.5**	**6.3**	**2.49**	**10.6**	<0.55	<2.0
07/21/15	6,9	VEW-32, VEW-33, VEW-34	8015M & 8260M	259	**160**	**640**	**180**	**640**	<0.16	<0.50	**0.25**	**0.94**	<0.12	<0.50	**0.71**	**3.1**	**0.62**	**2.7**	**1.33**	**5.8**	<0.55	<2.0
07/29/15	6,9	VEW-32, VEW-33, VEW-34	8015M & 8260M	129	**170**	**710**	**200**	**710**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	**0.32**	**1.4**	**0.25**	**1.1**	**0.57**	**2.5**	<0.55	<2.0
08/17/15	6,10	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5	8015M & 8260M	135	**130**	**550**	**160**	**550**	**0.75**	**2.4**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	**0.28**	**1.2**	**0.28**	**1.2**	<0.55	<2.0
09/09/15	6,11	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	202	**190**	**760**	**220**	**760**	**0.30**	**0.95**	**0.74**	**2.8**	**0.76**	**3.3**	**0.69**	**3.0**	**2.5**	**11**	**3.19**	**14**	<0.55	<2.0
09/22/15	6,9	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	225	**150**	**600**	**170**	**600**	**0.27**	**0.85**	**0.37**	**1.4**	<0.12	<0.50	**0.71**	**3.1**	**0.58**	**2.5**	**1.29**	**5.6**	<0.55	<2.0
09/25/15	6,9	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	258	**220**	**890**	**250**	**890**	**0.41**	**1.3**	**0.64**	**2.4**	**0.17**	**0.75**	**0.74**	**3.2**	**0.85**	**3.7**	**1.59**	**6.9**	<0.55	<2.0
10/07/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	256	**230**	**940**	**270**	**940**	**0.69**	**2.2**	**0.82**	**3.1**	**0.22**	**0.97**	**0.41**	**1.8**	**1.1**	**4.6**	**1.51**	**6.4**	<0.55	<2.0
11/04/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	380	**290**	**1,200**	**340**	**1,200**	**0.88**	**2.8**	**1.6**	**5.9**	**0.25**	**1.1**	**1.4**	**6.2**	**2.1**	**9.0**	**3.5**	**15**	<0.55	<2.0
12/07/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	346	**320**	**1,300**	**370**	**1,300**	**0.69**	**2.2**	**1.9**	**7.0**	**0.15**	**0.64**	**0.76**	**3.3**	**0.94**	**4.1**	**1.7**	**7.4**	<0.55	<2.0
01/13/16	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	141	**110**	**470**	**130**	**470**	**0.16**	**0.52**	**0.29**	**1.1**	<0.12	<0.50	**0.22**	**0.95**	**0.30**	**1.3**	**0.52**	**2.3**	<0.55	<2.0
02/10/16	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	124	**98**	**400**	**110**	**400**	**0.59**	**1.9**	**0.66**	**2.5**	**0.23**	**1.0**	**0.39**	**1.7**	**0.6**	**2.6**	**0.99**	**4.3**	<0.55	<2.0
03/02/16	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	92	**54**	**220**	**63**	**220**	<0.16	<0.50	**0.25**	**0.93**	<0.12	<0.50	**0.14**	**0.62**	<0.23	<1.0	**0.14**	**0.62**	<0.55	<2.0
04/06/16	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	124	**120**	**490**	**140**	**490**	**0.38**	**1.2**	**0.29**	**1.1**	<0.12	<0.50	**0.17**	**0.72**	<0.23	<1.0	**0.17**	**0.72**	<0.55	<2.0
05/04/16	6,7	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	107	**100**	**410**	**120**	**410**	**0.31**	**1.0**	**0.20**	**0.77**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
06/06/16	6,12	VEW-32, VEW-33, HW-1, HW-3, HW-5	8015M & 8260M	73	**59**	**240**	**68**	**240**	**0.59**	**1.9**	**0.50**	**1.9**	<0.12	<0.50	**0.41**	**1.8**	**0.51**	**2.2**	**0.92**	**4.0**	<0.55	<2.0

Legend / Notes:

Data collected prior to April 2014 not verified for completeness nor accuracy.
VES = Soil vapor extraction system
GRO = Gasoline range organics
MTBE = Methyl tertiary-butyl ether
OVA = Organic Vapor Analyzer (calibrated or correlated to Hexane)
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 based on field PID readings (see Table 6 for details).
4 = VES manually shut down.
5 = VES restarted on 11/03/14.
6 = Select soil biopiles also on line (see Tables 3a through 3c for details).
7 = Closed all vapor extraction wells from 05/07/15 to 06/03/15, and 05/25/16 to 06/17/16, respectively, to focus extraction efforts on soil biopiles.
8 = Opened vapor extraction wells VEW-32, VEW-33 and VEW-34.
9 = Additional sample collected for laboratory analysis as part of field instrument correlation study.
10 = Opened vapor extraction wells HW-1, HW-3 and HW-5 on 08/10/15 based on field PID readings (see Table 6 for details).
11 = Closed vapor extraction well VEW-34 on 08/19/15 based on low to non-detectable lab results (see Table 7 for details).
12 = Opened vapor extraction wells HW-1, HW-3 and HW-5 on 06/17/16.

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	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	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
01/14/15	1,2	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	2,4	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
05/11/15	5	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	<60	**330**	**16**	**5.2**	**5.9**	**37**	**14**	<7.0	**0.58 J**	<0.50	<0.40	<0.30
06/03/15		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**150**	**340**	**20**	**6.6**	**12**	**22**	**25**	<7.0	**0.52 J**	<0.50	<0.40	<0.30
07/09/15		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**180**	**610**	<0.20	<0.30	<0.20	<0.40	<0.30	<7.0	**0.62 J**	<0.50	<0.40	<0.30
08/17/15		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**430**	<40	<0.20	<0.30	<0.20	**0.95 J**	<0.30	<7.0	**0.71 J**	<0.50	<0.40	<0.30
09/03/15		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**86 J**	**570**	**5.9**	**0.37 J**	**3.7**	**10**	**14**	<7.0	**0.45 J**	<0.50	<0.40	<0.30
10/05/15		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	<60	**500**	**7.3**	<0.30	**8.7**	**35**	**15**	<7.0	**0.73 J**	<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)
11/02/15		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**420**	**3,400**	**5.1**	<0.30	**17**	**130**	**22**	<7.0	**0.85 J**	<0.50	<0.40	<0.30
12/07/15		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**710**	**3,800**	**0.70**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
01/12/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**2,000**	**510**	**14**	<0.30	**3.6**	**25**	**7.0**	<7.0	<0.40	<0.50	<0.40	<0.30
02/01/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**72 J**	**180**	**13**	<0.30	**0.53**	**2.7**	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
03/14/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**270**	**1,100**	**0.91**	<0.30	<0.20	**1.6**	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
04/04/16	5	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**76 J**	**100**	**0.99**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
05/04/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**170**	**470**	<0.20	<0.30	<0.20	**1.3**	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
06/01/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**280**	**75 J**	**4.9**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.43 J**	<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
J = Estimated value. Analyte detected at a level less than the MRL and greater than or equal to the MDL.

1 = GWETS manually shut down.
2 = GWETS restarted on 07/02/14, 01/13/15 and 02/25/15.
3 = GWETS manually shut down on 11/11/14.
4 = GWETS temporarily restarted but left off-line upon departure.
5 = GWETS manually shut down on 04/13/15, 05/06/15 and 04/04/16, and restarted on 04/27/15, 05/08/15 and 04/28/16, respectively.

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	69	4,176	140	20	154	10	4.2	5.5	6.4	20
07/18/14		VEW-32, VEW-33, VEW-34, VEW-35, VEW-36, VEW-37, HW-1, HW-3, HW-5, HW-7	74	15,000	4,000	21	134	5.6	3.3	2.1	4.1	18
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
08/27/14	3	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	2.1	146	2.5	0.3	174	0.2	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	191	22	8.0	28	9.1	151
12/17/14	4	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	0	0	0	0.2	62	37	2.0	15	24	11
03/30/15	4,5	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	24	382	62	1.8	2.5	0.1	0.3	4.8	20	1.0
04/02/15	4	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	400	370	270	34	25	4.1	0	0	0	0
04/06/15	4	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	825	800	835	160	171	5.7	3.0	0	0	0
04/08/15	4	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	800	580	600	315	195	35	25	0	0	0
04/15/15	4	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	680	585	545	297	273	223	87	0	0	0
04/24/15	6	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	1,900	1,233	533	125	--	--	--	--	--	--
04/27/15	4,6	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	1,455	810	400	138	210	324	115	4.8	5.7	2.4
06/08/15	6,7	VEW-32, VEW-33, VEW-34	--	--	--	--	180	130	40	--	--	--
06/12/15	6	VEW-32, VEW-33, VEW-34	--	--	--	--	194	126	80	--	--	--
06/15/15	6	VEW-32, VEW-33, VEW-34	--	--	--	--	158	77	39	--	--	--
06/26/15	6	VEW-32, VEW-33, VEW-34	--	--	--	--	123	104	20	--	--	--
07/16/15	6	VEW-32, VEW-33, VEW-34	--	--	--	--	256	147	17	--	--	--
08/10/15	4,6,8	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5	1,947	732	676	28	456	334	63	16	2.2	3.9
08/20/15	6,9	VEW-32, VEW-33, HW-1, HW-3, HW-5	1,792	1,526	1,283	--	530	329	--	--	--	--
09/08/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	1,914	1,811	839	--	395	162	--	--	--	--
09/16/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	1,333	1,142	756	--	266	184	--	--	--	--
10/09/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	854	807	462	--	343	258	--	--	--	--
11/04/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	605	500	372	--	401	184	--	--	--	--
12/07/15	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	880	760	590	--	327	246	88	22	12	14

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
01/13/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	640	390	415	--	220	260	72	34	22	17
02/08/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	520	240	300	--	160	220	55	42	28	11
03/02/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	400	180	360	--	120	240	47	31	32	15
04/06/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	420	220	260	--	60	380	29	22	18	12
05/04/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	400	180	240	--	90	340	36	18	25	19
06/17/16	6	HW-1, HW-3, HW-5	740	330	470	--	--	--	--	--	--	--

Legend / Notes:

GRO = Gasoline range organics ppmv = Parts per million by volume OVA = Organic Vapor Analyzer (calibrated or correlated to Hexane) -- = Not measured

Concentrations measured using calibrated field OVA.

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 (closed wells VEW-35, VEW-36 and VEW-37 based on field OVA readings).
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.
6 = Select soil biopiles also online (see Tables 3a through 3c for details).
7 = Closed select vapor wells to focus extraction efforts on soil biopiles.
8 = Opened vapor extraction wells HW-1, HW-3 and HW-5 based on field OVA readings.
9 = Closed vapor extraction well VEW-34 on 8/19/15 based on low to non-detectable lab results (see Table 7 for details).

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 OVA Reading	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			3.3	<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
	04/27/15			1,455	**830**	**3,400**	**1.1**	**3.5**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			1,947	**2,700**	**11,000**	**1.0**	**3.3**	<0.13	<0.50	**0.25**	**1.1**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	02/08/16			520	**440**	**1,800**	**0.88**	**2.8**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	04/06/16			420	**340**	**1,400**	**1.0**	**3.2**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
HW-3	07/09/14	1		4,176	**2,055**	**8,400**	**3.1**	**10**	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14			1.8	<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
	04/27/15			810	**590**	**2,400**	**3.4**	**11**	**0.69**	**2.6**	**0.32**	**1.4**	**0.20**	**0.88**	**1.2**	**5.0**	<0.55	<2.0
	08/10/15			732	**950**	**3,900**	**6.3**	**20**	**0.34**	**1.3**	**0.64**	**2.8**	**0.30**	**1.30**	**2.3**	**9.8**	<0.55	<2.0
	02/08/16			240	**190**	**780**	**1.2**	**3.8**	**0.37**	**1.4**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	04/06/16			220	**170**	**710**	**1.4**	**4.4**	**0.53**	**2.0**	<0.12	<0.50	<0.12	<0.50	**0.28**	**1.2**	<0.55	<2.0
HW-5	07/09/14	1		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			2.9	<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
	04/27/15			400	**290**	**1,200**	**0.17**	**0.55**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	**0.30**	**1.3**	<0.55	<2.0
	08/10/15			676	**930**	**3,800**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	02/08/16			300	**320**	**1,300**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	04/06/16			260	**210**	**870**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
HW-7	07/09/14	1		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			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
	04/27/15			138	**66**	**270**	**0.28**	**0.88**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			28	**7.3**	**30**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
VEW-32	07/09/14	1		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			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
	04/27/15			210	**320**	**1,300**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			456	**460**	**1,900**	**0.66**	**2.1**	<0.13	<0.50	**0.23**	**1.0**	<0.12	<0.50	**0.46**	**2.0**	<0.55	<2.0
	02/08/16			160	**130**	**550**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	04/06/16			60	**17**	**68**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
VEW-33	07/09/14	1		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			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
	04/27/15			324	**270**	**1,100**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			334	**290**	**1,200**	**0.50**	**1.6**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	**0.32**	**1.4**	<0.55	<2.0
	02/08/16			220	**270**	**1,100**	**0.38**	**1.2**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	04/06/16			380	**340**	**1,400**	**0.50**	**1.6**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	**0.25**	**1.1**	<0.55	<2.0
VEW-34	07/09/14	1		4.2	<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
	10/23/14			8.0	<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
	04/27/15			115	**44**	**180**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			63	**14**	**57**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
VEW-35	07/09/14	1		5.5	<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			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
	04/27/15			4.8	<4.9	<20	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			16.4	<4.9	<20	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
VEW-36	07/09/14	1		6.4	<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			9.1	<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
	04/27/15			5.7	<4.9	<20	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			2.2	**8.1**	**33**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0

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 OVA Reading	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)
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			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
	04/27/15			2.4	<4.9	<20	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			3.9	<4.9	<20	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0

Legend / Notes:

GRO = Gasoline range organics

OVA = Organic Vapor Analyzer (calibrated or correlated to Hexane)

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.

-- = Not Analyzed

1 = Samples collected following system restart (off line since manual shut down on 05/29/14).

TABLE 8a
Summary of LNAPL Removal in Well GMW-62 - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Vacuum Truck, Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/04/16	--	33.98	--	0	20.0	23.4	122.1	835.4
04/14/16	--	34.04	--	0	16.0	18.7	122.2	836.4
04/18/16	--	33.92	--	0	12.0	14.0	122.3	837.2
04/25/16	--	33.96	--	0	20.0	23.4	122.5	838.4
05/04/16	--	34.29	--	0	24.0	28.1	122.7	839.9
05/11/16	--	34.14	--	0	12.0	14.0	122.8	840.7
05/18/16	--	34.21	--	0	20.0	23.4	123.0	841.9
05/25/16	--	34.27	--	0	20.0	23.4	123.2	843.2
05/31/16	--	34.23	--	0	20.0	23.4	123.4	844.4
06/07/16	--	34.27	--	0	28.0	32.7	123.7	846.2
06/14/16	--	34.22	--	0	20.0	23.4	123.8	847.4
06/23/16	--	34.32	--	0	28.0	32.7	124.1	849.2
06/29/16	--	34.33	--	0	20.0	23.4	124.3	850.4

Cumulative for the Reporting Period:	**0.0**	**260**	**303.9**	**2.4**	**16.2**
Cumulative Beginning January 2014 [A]:	**112.0**	**1,344**	**1,571.0**	**124.3**	**850.4**

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 8b
Summary of LNAPL Removal in Well GMW-4 - 2nd Quarter 2016
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**
Cumulative Beginning January 2014 [A]:				**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 Well GMW-21 - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Vacuum Truck, Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
03/02/16	--	33.57	--	0.0	4	4.7	21.5	147.2

Cumulative for the Reporting Period:	**0.0**	**4**	**4.7**	**<0.1**	**0.2**
Cumulative Beginning January 2014 [A]:	**5.0**	**1,808**	**2,113.4**	**21.5**	**147.2**

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 Well MW-15 - 2nd Quarter 2016
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 Beginning January 2014 [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 Well TF-18 - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Vacuum Truck, Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/04/16	30.92	33.37	2.45	2.3	0	0.0	276.0	1,888.6
04/14/16	31.12	33.97	2.85	2.5	0	0.0	278.5	1,905.7
04/18/16	30.96	33.32	2.36	2.5	0	0.0	281.0	1,922.8
05/11/16	31.09	33.11	2.02	3.0	0	0.0	284.0	1,943.4
05/18/16	31.00	33.40	2.40	2.5	0	0.0	286.5	1,960.5
05/25/16	31.04	33.33	2.29	3.5	0	0.0	290.0	1,984.4
05/31/16	31.06	33.51	2.45	2.5	0	0.0	292.5	2,001.5
06/07/16	31.05	33.51	2.46	2.5	0	0.0	295.0	2,018.7
06/15/16	31.17	33.85	2.68	3.0	0	0.0	298.0	2,039.2
06/23/16	31.15	33.74	2.59	2.5	0	0.0	300.5	2,056.3
06/29/16	31.34	34.49	3.15	4.0	0	0.0	304.5	2,083.7

Cumulative for the Reporting Period:	**30.8**	**0**	**0.0**	**30.8**	**210.4**
Cumulative Beginning January 2014 [A]:	**259.6**	**4,916**	**5,746.3**	**304.5**	**2,083.7**

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 8f
Summary of LNAPL Removal in Well TF-19 - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Pumping, Bailing and Socks [A] (pounds)
04/04/16	--	33.82	--	0.0	16	18.7	14.2	97.3
04/11/16	--	33.03	--	0.0	12	14.0	14.3	98.1
04/18/16	--	32.85	--	0.0	16	18.7	14.5	99.1
04/25/16	--	32.67	--	0.0	28	32.7	14.7	100.8
05/04/16	--	32.87	--	0.0	44	51.4	15.1	103.6
05/11/16	--	33.07	--	0.0	28	32.7	15.4	105.3
05/18/16	--	32.83	--	0.0	36	42.1	15.7	107.6
05/25/16	33.03	33.11	0.08	0.0	52	60.8	16.2	110.8
05/31/16	32.83	33.08	0.25	0.0	56	65.5	16.7	114.3
06/07/16	33.08	33.40	0.32	0.0	60	70.1	17.3	118.1
06/14/16	33.04	33.48	0.44	0.0	56	65.5	17.8	121.6
06/23/16	32.72	33.37	0.65	1.0	60	70.1	19.3	132.2
06/29/16	32.37	32.96	0.59	1.0	0	0.0	20.3	139.0

Cumulative for the Reporting Period:	**2.0**	**464**	**542.4**	**6.2**	**42.7**
Cumulative Beginning June 2015 [A]:	**6.3**	**1,540**	**1,800.1**	**20.3**	**139.0**

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 June 2015.

TABLE 8g
Summary of LNAPL Removal in Well GMW-7 - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via, Pumping, Bailing and Socks [A] (pounds)
04/18/16	--	33.85	--	0.0	20	23.4	16.0	109.5
04/25/16	--	33.71	--	0.0	20	23.4	16.2	110.7
05/04/16	--	33.99	--	0.0	28	32.7	16.4	112.5
05/11/16	--	34.01	--	0.0	24	28.1	16.7	114.0
05/18/16	--	33.88	--	0.0	52	60.8	17.1	117.2
05/25/16	--	33.94	--	0.0	32	37.4	17.4	119.2
05/31/16	--	33.97	--	0.0	20	23.4	17.6	120.5
06/07/16	--	34.01	--	0.0	24	28.1	17.8	122.0
06/14/16	--	34.10	--	0.0	32	37.4	18.1	124.0
06/23/16	--	34.05	--	0.0	28	32.7	18.4	125.7
06/29/16	--	34.18	--	0.0	20	23.4	18.6	127.0
Cumulative for the Reporting Period:				**0.0**	**300**	**350.7**	**2.7**	**18.7**
Cumulative Beginning December 2014 [A]:				**8.0**	**1,156**	**1,351.2**	**18.6**	**127.0**

Legend / Notes:

LNAPL = Light non-aqueous phase liquids

feet btc = Feet below top of casing

Sock = LNAPL absorbent sock (approximately 18" long with 3" diameter)

-- = Not applicable

A = Cumulative LNAPL removed since December 2014. LNAPL removed prior to December 2014 can be found in previously submitted Remediation Progress Reports.

TABLE 8h
Summary of LNAPL Removal in Well RTF-18-N - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Vacuum Truck, Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/13/16	32.55	35.58	3.03	4.0	0	0.0	4.0	27.4
05/11/16	32.49	34.72	2.23	4.0	0	0.0	8.0	54.7
05/18/16	32.42	34.72	2.30	4.0	0	0.0	12.0	82.1
05/25/16	32.47	34.78	2.31	4.5	0	0.0	16.5	112.9
05/31/16	32.49	34.93	2.44	5.0	0	0.0	21.5	147.1
06/07/16	32.49	34.92	2.43	4.5	0	0.0	26.0	177.9
06/15/16	32.58	35.25	2.67	5.0	0	0.0	31.0	212.1
06/23/16	31.23	33.81	2.58	5.0	0	0.0	36.0	246.4
06/29/16	31.42	34.42	3.00	4.5	0	0.0	40.5	277.2

Cumulative for the Reporting Period:	**40.5**	**0**	**0.0**	**40.5**	**277.2**
Cumulative Beginning April 2016 [A]:	**40.5**	**0**	**0.0**	**40.5**	**277.2**

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 April 2016 following installation of well during December 2015.

TABLE 8i
Summary of LNAPL Removal in Well RTF-18-E - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Vacuum Truck, Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
05/11/16	32.50	34.77	2.27	4.0	0	0.0	4.0	27.4
05/18/16	32.45	34.77	2.32	5.0	0	0.0	9.0	61.6
05/25/16	32.48	34.81	2.33	5.0	0	0.0	14.0	95.8
05/31/16	32.52	34.97	2.45	5.0	0	0.0	19.0	130.0
06/07/16	32.57	35.02	2.45	5.0	0	0.0	24.0	164.2
06/15/16	32.67	35.36	2.69	5.0	0	0.0	29.0	198.5
06/23/16	31.58	34.20	2.62	5.0	0	0.0	34.0	232.7
06/29/16	31.78	34.79	3.01	4.5	0	0.0	38.5	263.5

Cumulative for the Reporting Period:	**38.5**	**0**	**0.0**	**38.5**	**263.5**
Cumulative Beginning May 2016 [A]:	**38.5**	**0**	**0.0**	**38.5**	**263.5**

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 May 2016 following installation of well during December 2015.

TABLE 8j
Summary of LNAPL Removal in Well RTF-18-W - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Vacuum Truck, Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/13/16	32.25	35.10	2.85	3.0	0	0.0	3.0	20.5
05/11/16	32.17	34.22	2.05	3.0	0	0.0	6.0	41.1
05/18/16	32.11	34.47	2.36	3.8	0	0.0	9.8	66.7
05/25/16	32.14	34.43	2.29	3.5	0	0.0	13.3	90.7
05/31/16	32.18	34.59	2.41	4.0	0	0.0	17.3	118.0
06/07/16	32.18	34.59	2.41	3.0	0	0.0	20.3	138.6
06/15/16	32.28	34.94	2.66	3.5	0	0.0	23.8	162.5
06/23/16	31.65	34.23	2.58	3.5	0	0.0	27.3	186.5
06/29/16	31.86	34.95	3.09	4.0	0	0.0	31.3	213.9

Cumulative for the Reporting Period:	**31.3**	**0**	**0.0**	**31.3**	**213.9**
Cumulative Beginning April 2016 [A]:	**31.3**	**0**	**0.0**	**31.3**	**213.9**

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 April 2016 following installation of well during December 2015.

TABLE 8k
Summary of LNAPL Removal in Well RTF-18-NW - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Vacuum Truck, Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
05/11/16	33.52	35.65	2.13	8.0	0	0.0	8.0	54.7
05/18/16	33.45	35.44	1.99	9.0	0	0.0	17.0	116.3
05/25/16	33.49	35.78	2.29	9.0	0	0.0	26.0	177.9
06/07/16	32.52	35.92	3.40	8.0	0	0.0	34.0	232.7
06/15/16	33.61	36.27	2.66	9.0	0	0.0	43.0	294.3
06/23/16	31.24	33.84	2.60	8.5	0	0.0	51.5	352.4
06/29/16	31.48	34.46	2.98	8.0	0	0.0	59.5	407.2

Cumulative for the Reporting Period:	**59.5**	**0**	**0.0**	**59.5**	**407.2**
Cumulative Beginning May 2016 [A]:	**59.5**	**0**	**0.0**	**59.5**	**407.2**

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 May 2016 following installation of well during December 2015.

TABLE 8l
Summary of LNAPL Removal in Well RTF-18-NNW - 2nd Quarter 2016
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Depth to LNAPL (feet btc)	Depth to Water (feet btc)	Measured LNAPL Thickness (feet)	LNAPL Removed Via Vacuum Truck, Pumping and/or Bailing (gallons)	LNAPL Removed with Socks (ounces)	LNAPL Removed with Socks (fluid ounces)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/13/16	34.06	37.33	3.27	6.0	0	0.0	6.0	41.1
05/11/16	34.03	36.65	2.62	6.5	0	0.0	12.5	85.5
05/18/16	33.98	36.32	2.34	5.0	0	0.0	17.5	119.8
05/25/16	34.03	36.44	2.41	4.5	0	0.0	22.0	150.6
06/07/16	34.06	36.62	2.56	5.0	0	0.0	27.0	184.8
06/15/16	34.33	37.08	2.75	5.0	0	0.0	32.0	219.0
06/23/16	31.82	34.81	2.99	6.5	0	0.0	38.5	263.5
06/29/16	32.03	35.22	3.19	6.5	0	0.0	45.0	307.9
Cumulative for the Reporting Period:				**45.0**	**0**	**0.0**	**45.0**	**307.9**
Cumulative Beginning April 2016 [A]:				**45.0**	**0**	**0.0**	**45.0**	**307.9**

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 April 2016 following installation of well during December 2015.

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

April 15, 2016

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GWETS NPDES Monthly / 04-NDLA-013

A5331728 / 6D04006

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 04/04/16 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-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331728
Date Received: 04/04/16
Date Reported: 04/15/16

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	6D04006-01	Water	5	04/04/16 09:47	04/04/16 13:17
After GAC-1	6D04006-02	Water	5	04/04/16 09:43	04/04/16 13:17
After GAC-2	6D04006-03	Water	5	04/04/16 09:38	04/04/16 13:17
Arsenic Total EPA 200.7					
Surge Tank	6D04006-01	Water	5	04/04/16 09:47	04/04/16 13:17
After Zolite Bed	6D04006-04	Water	5	04/04/16 09:33	04/04/16 13:17
After Alumina Bed	6D04006-05	Water	5	04/04/16 09:31	04/04/16 13:17
Diesel Range Organics 8015M					
Surge Tank	6D04006-01	Water	5	04/04/16 09:47	04/04/16 13:17
After GAC-1	6D04006-02	Water	5	04/04/16 09:43	04/04/16 13:17
After GAC-2	6D04006-03	Water	5	04/04/16 09:38	04/04/16 13:17

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: TPHG/BTEX/Oxygenates by GC/MS

AA Project No: A5331728
Date Received: 04/04/16
Date Reported: 04/15/16
Units: ug/L

Date Sampled:	04/04/16	04/04/16	04/04/16		
Date Prepared:	04/06/16	04/06/16	04/06/16		
Date Analyzed:	04/06/16	04/06/16	04/06/16		
AA ID No:	6D04006-01	6D04006-02	6D04006-03		
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	**0.99**	<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	<0.20	<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)	**100**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	<0.40	**0.41 J**	<0.40	0.40	2.0
Toluene	<0.30	<0.30	<0.30	0.30	0.50
o-Xylene	<0.30	<0.30	<0.30	0.30	0.50
m,p-Xylenes	<0.40	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	107%	110%	106%		70-140
Dibromofluoromethane	81%	82%	84%		70-140
Toluene-d8	105%	104%	103%		70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Diesel Range Organics by GC/FID

AA Project No: A5331728
Date Received: 04/04/16
Date Reported: 04/15/16
Units: ug/L

Date Sampled:	04/04/16	04/04/16	04/04/16		
Date Prepared:	04/06/16	04/06/16	04/06/16		
Date Analyzed:	04/06/16	04/06/16	04/06/16		
AA ID No:	6D04006-01	6D04006-02	6D04006-03		
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	**76 J**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	85%	94%	88%	50-150	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Total Metals by ICP Atomic Emission Spectroscopy

AA Project No: A5331728
Date Received: 04/04/16
Date Reported: 04/15/16

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
6D04006-01	Surge Tank	04/04/16	04/07/16	04/07/16	1	**0.046**	mg/L	0.006	0.007
6D04006-04	After Zolite Bed	04/04/16	04/07/16	04/07/16	1	**0.025**	mg/L	0.006	0.007
6D04006-05	After Alumina Bed	04/04/16	04/07/16	04/07/16	1	**0.010**	mg/L	0.006	0.007

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331728
Date Received: 04/04/16
Date Reported: 04/15/16

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 B6D0618 - EPA 5030B										
Blank (B6D0618-BLK1)				Prepared & Analyzed: 04/06/16						
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	*63.3*		*ug/L*	*50*		*127*	*70-140*			
Surrogate: Dibromofluoromethane	*40.8*		*ug/L*	*50*		*81.5*	*70-140*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50*		*106*	*70-140*			
LCS (B6D0618-BS1)				Prepared & Analyzed: 04/06/16						
tert-Amyl Methyl Ether (TAME)	**25.3**	0.30	ug/L	20		126	70-130			
Benzene	**23.9**	0.20	ug/L	20		120	75-125			
tert-Butyl alcohol (TBA)	**113**	7.0	ug/L	100		113	70-130			
Diisopropyl ether (DIPE)	**21.7**	0.50	ug/L	20		109	70-130			
Ethylbenzene	**23.5**	0.20	ug/L	20		117	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**22.8**	0.40	ug/L	20		114	70-130			
Gasoline Range Organics (GRO)	**438**	40	ug/L	500		87.6	70-130			
Methyl-tert-Butyl Ether (MTBE)	**39.5**	0.40	ug/L	40		98.7	70-135			
Toluene	**22.0**	0.30	ug/L	20		110	75-125			
o-Xylene	**22.9**	0.30	ug/L	20		114	75-125			
m,p-Xylenes	**45.7**	0.40	ug/L	40		114	70-130			
Surrogate: 4-Bromofluorobenzene	*46.3*		*ug/L*	*50*		*92.7*	*70-140*			
Surrogate: Dibromofluoromethane	*41.8*		*ug/L*	*50*		*83.6*	*70-140*			
Surrogate: Toluene-d8	*43.5*		*ug/L*	*50*		*86.9*	*70-140*			
Matrix Spike (B6D0618-MS1)				**Source: 6D04006-03** Prepared: 04/06/16 Analyzed: 04/07/16						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331728
Date Received: 04/04/16
Date Reported: 04/15/16

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 B6D0618 - EPA 5030B										
Matrix Spike (B6D0618-MS1) Continued Source: 6D04006-03 Prepared: 04/06/16 Analyzed: 04/07/16										
tert-Amyl Methyl Ether (TAME)	**26.0**	0.30	ug/L	20	<2.0	130	70-130			
Benzene	**18.9**	0.20	ug/L	20	<0.50	94.6	70-130			
tert-Butyl alcohol (TBA)	**120**	7.0	ug/L	100	<10	120	70-130			
Diisopropyl ether (DIPE)	**21.3**	0.50	ug/L	20	<2.0	107	70-130			
Ethylbenzene	**19.7**	0.20	ug/L	20	<0.50	98.7	70-130			
Ethyl-tert-Butyl Ether (ETBE)	**23.8**	0.40	ug/L	20	<2.0	119	70-130			
Gasoline Range Organics (GRO)	**493**	40	ug/L	500	<100	98.6	70-130			
Methyl-tert-Butyl Ether (MTBE)	**39.5**	0.40	ug/L	40	<2.0	98.6	70-130			
Toluene	**19.0**	0.30	ug/L	20	<0.50	94.8	70-130			
o-Xylene	**20.0**	0.30	ug/L	20	<0.50	99.9	70-130			
m,p-Xylenes	**40.0**	0.40	ug/L	40	<1.0	100	70-130			
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/L*	*50*		*99.5*	*70-140*			
Surrogate: Dibromofluoromethane	*50.7*		*ug/L*	*50*		*101*	*70-140*			
Surrogate: Toluene-d8	*47.8*		*ug/L*	*50*		*95.6*	*70-140*			
Matrix Spike Dup (B6D0618-MSD1) **Source: 6D04006-03** Prepared: 04/06/16 Analyzed: 04/07/16										
tert-Amyl Methyl Ether (TAME)	**26.4**	0.30	ug/L	20	<2.0	132	70-130	1.72	30	
Benzene	**19.8**	0.20	ug/L	20	<0.50	99.0	70-130	4.65	30	
tert-Butyl alcohol (TBA)	**122**	7.0	ug/L	100	<10	122	70-130	1.65	30	
Diisopropyl ether (DIPE)	**23.7**	0.50	ug/L	20	<2.0	118	70-130	10.4	30	
Ethylbenzene	**19.3**	0.20	ug/L	20	<0.50	96.4	70-130	2.31	30	
Ethyl-tert-Butyl Ether (ETBE)	**24.1**	0.40	ug/L	20	<2.0	120	70-130	1.30	30	
Gasoline Range Organics (GRO)	**487**	40	ug/L	500	<100	97.4	70-130	1.22	30	
Methyl-tert-Butyl Ether (MTBE)	**43.1**	0.40	ug/L	40	<2.0	108	70-130	8.77	30	
Toluene	**19.4**	0.30	ug/L	20	<0.50	97.0	70-130	2.29	30	
o-Xylene	**18.8**	0.30	ug/L	20	<0.50	94.0	70-130	6.14	30	
m,p-Xylenes	**37.6**	0.40	ug/L	40	<1.0	94.0	70-130	6.11	30	
Surrogate: 4-Bromofluorobenzene	*53.1*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Dibromofluoromethane	*44.9*		*ug/L*	*50*		*89.7*	*70-140*			
Surrogate: Toluene-d8	*50.1*		*ug/L*	*50*		*100*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331728
Date Received: 04/04/16
Date Reported: 04/15/16

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
Batch B6D0611 - EPA 3510C										
Blank (B6D0611-BLK1)				Prepared & Analyzed: 04/06/16						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*55.5*		*ug/L*	*50*		*111*	*50-150*			
LCS (B6D0611-BS1)				Prepared & Analyzed: 04/06/16						
Diesel Range Organics as Diesel	**904**	60	ug/L	1000		90.4	75-125		30	
Surrogate: o-Terphenyl	*65.4*		*ug/L*	*50*		*131*	*50-150*			
LCS Dup (B6D0611-BSD1)				Prepared & Analyzed: 04/06/16						
Diesel Range Organics as Diesel	**910**	60	ug/L	1000		91.0	75-125	0.729	30	
Surrogate: o-Terphenyl	*65.1*		*ug/L*	*50*		*130*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B6D0723 - EPA 200.7										
Blank (B6D0723-BLK1)				Prepared & Analyzed: 04/07/16						
Arsenic	<0.0060	0.0060	mg/L							
LCS (B6D0723-BS1)				Prepared & Analyzed: 04/07/16						
Arsenic	**0.203**	0.0060	mg/L	0.20		102	80-120		20	
LCS Dup (B6D0723-BSD1)				Prepared & Analyzed: 04/07/16						
Arsenic	**0.211**	0.0060	mg/L	0.20		106	80-120	3.86	20	
Duplicate (B6D0723-DUP1)				**Source: 6D04006-01** Prepared & Analyzed: 04/07/16						
Arsenic	**0.0500**	0.0060	mg/L		0.0460			8.33	30	
Matrix Spike (B6D0723-MS1)				**Source: 6D04006-05** Prepared & Analyzed: 04/07/16						
Arsenic	**0.227**	0.0060	mg/L	0.20	0.0100	108	75-125		20	
Matrix Spike Dup (B6D0723-MSD1)				**Source: 6D04006-05** Prepared & Analyzed: 04/07/16						
Arsenic	**0.224**	0.0060	mg/L	0.20	0.0100	107	75-125	1.33	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331728
Project No:	04-NDLA-013	**Date Received:**	04/04/16
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	04/15/16

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

124792

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

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

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	Special Instructions
						Please enter the TAT Turnaround Codes ** below			
Surge Tank	6D04006-01	4-4-16	0947	Water	5	✓	✓	✓	
After GAC-1	-02	↓	0943	Water	4	✓	✓		
After GAC-2	-03		0938	Water	4	✓	✓		
After Zolite Bed	-04		0933	Water	1			✓	
After Alumina Bed	-05	↓	0931	Water	1			✓	

REVIEWED Date 4/4/16 Time 1445 Sign: RT IN Days

AS331728 / 6D04006

Relinquished by	Date	Time	Received by
Glenn Androsko	4-4-16	10:40	
	4/4/16	1317	
	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 22, 2016

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk VES AQMD / 04-NDLA-013

A5331735 / 6D06024

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 04/06/16 17:10 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331735
Date Received: 04/06/16
Date Reported: 04/22/16

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
VEW-32	6D06024-01	Vapor	5	04/06/16 09:25	04/06/16 17:10
VEW-33	6D06024-02	Vapor	5	04/06/16 09:36	04/06/16 17:10
HW-1	6D06024-03	Vapor	5	04/06/16 09:01	04/06/16 17:10
HW-3	6D06024-04	Vapor	5	04/06/16 09:05	04/06/16 17:10
HW-5	6D06024-05	Vapor	5	04/06/16 09:09	04/06/16 17:10
VOCs Gasoline Range Organics Vapor					
VEW-32	6D06024-01	Vapor	5	04/06/16 09:25	04/06/16 17:10
VEW-33	6D06024-02	Vapor	5	04/06/16 09:36	04/06/16 17:10
HW-1	6D06024-03	Vapor	5	04/06/16 09:01	04/06/16 17:10
HW-3	6D06024-04	Vapor	5	04/06/16 09:05	04/06/16 17:10
HW-5	6D06024-05	Vapor	5	04/06/16 09:09	04/06/16 17:10
VOCs GRO Vapor as Hexane					
VEW-32	6D06024-01	Vapor	5	04/06/16 09:25	04/06/16 17:10
VEW-33	6D06024-02	Vapor	5	04/06/16 09:36	04/06/16 17:10
HW-1	6D06024-03	Vapor	5	04/06/16 09:01	04/06/16 17:10
HW-3	6D06024-04	Vapor	5	04/06/16 09:05	04/06/16 17:10
HW-5	6D06024-05	Vapor	5	04/06/16 09:09	04/06/16 17:10

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/08/16

VEW-32

6D06024-01 (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	113 %	70-140
Dibromofluoromethane	79.2 %	70-140
Toluene-d8	106 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/08/16

VEW-33

6D06024-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**1.6**	ug/L	0.50	**0.50**	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	**1.1**	ug/L	1.0	**0.25**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	116 %	70-140
Dibromofluoromethane	75.4 %	70-140
Toluene-d8	106 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/08/16

HW-1

6D06024-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**3.2**	ug/L	0.50	**1.0**	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	106 %	70-140
Dibromofluoromethane	80.2 %	70-140
Toluene-d8	106 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/08/16

HW-3

6D06024-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**4.4**	ug/L	0.50	**1.4**	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	**2.0**	ug/L	0.50	**0.53**	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	**1.2**	ug/L	1.0	**0.28**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	115 %	70-140
Dibromofluoromethane	86.9 %	70-140
Toluene-d8	106 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/08/16

HW-5

6D06024-05 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	107 %	70-140
Dibromofluoromethane	82.3 %	70-140
Toluene-d8	105 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/07/16

VEW-32

6D06024-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**68**	ug/L	20	**17**	ppmv	4.9

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

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/07/16

VEW-33

6D06024-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**1400**	ug/L	20	**340**	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:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/07/16

HW-1

6D06024-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**1400**	ug/L	20	**340**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	94.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/07/16

HW-3

6D06024-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**710**	ug/L	20	**170**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	96.4 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/07/16

HW-5

6D06024-05 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**870**	ug/L	20	**210**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	97.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	04/07/16

VEW-32

6D06024-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**68**	ug/L	20	**19**	ppmv	5.7

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

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	04/07/16

VEW-33

6D06024-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**1400**	ug/L	20	**400**	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:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	04/07/16

HW-1

6D06024-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**1400**	ug/L	20	**400**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	94.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	04/07/16

HW-3

6D06024-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**710**	ug/L	20	**200**	ppmv	5.7

Surrogates	**%REC**	**%REC Limits**
a,a,a-Trifluorotoluene	96.4 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	04/07/16

HW-5

6D06024-05 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**870**	ug/L	20	**250**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	97.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331735
Date Received: 04/06/16
Date Reported: 04/22/16

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 B6D0804 - *** DEFAULT PREP ****										
Blank (B6D0804-BLK1)				Prepared & Analyzed: 04/08/16						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50*		*98.9*	*70-140*			
Surrogate: Dibromofluoromethane	*43.9*		*ug/L*	*50*		*87.7*	*70-140*			
Surrogate: Toluene-d8	*50.9*		*ug/L*	*50*		*102*	*70-140*			
LCS (B6D0804-BS1)				Prepared & Analyzed: 04/08/16						
Benzene	**20.2**	0.50	ug/L	20		101	75-125			
Ethylbenzene	**20.2**	0.50	ug/L	20		101	75-125			
Methyl-tert-Butyl Ether (MTBE)	**30.5**	2.0	ug/L	40		76.2	75-125			
Toluene	**20.9**	0.50	ug/L	20		104	75-125			
o-Xylene	**18.0**	0.50	ug/L	20		89.8	75-125			
m,p-Xylenes	**37.8**	1.0	ug/L	40		94.6	75-125			
Surrogate: 4-Bromofluorobenzene	*64.2*		*ug/L*	*50*		*128*	*70-140*			
Surrogate: Dibromofluoromethane	*35.8*		*ug/L*	*50*		*71.6*	*70-140*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50*		*105*	*70-140*			
LCS Dup (B6D0804-BSD1)				Prepared: 04/08/16 Analyzed: 04/09/16						
Benzene	**19.2**	0.50	ug/L	20		96.2	75-125	4.57	30	
Ethylbenzene	**20.5**	0.50	ug/L	20		102	75-125	1.48	30	
Methyl-tert-Butyl Ether (MTBE)	**32.5**	2.0	ug/L	40		81.3	75-125	6.38	30	
Toluene	**21.3**	0.50	ug/L	20		107	75-125	2.13	30	
o-Xylene	**18.7**	0.50	ug/L	20		93.6	75-125	4.15	30	
m,p-Xylenes	**38.9**	1.0	ug/L	40		97.2	75-125	2.82	30	
Surrogate: 4-Bromofluorobenzene	*58.8*		*ug/L*	*50*		*118*	*70-140*			
Surrogate: Dibromofluoromethane	*36.6*		*ug/L*	*50*		*73.2*	*70-140*			
Surrogate: Toluene-d8	*53.2*		*ug/L*	*50*		*106*	*70-140*			
Duplicate (B6D0804-DUP1)				**Source: 6D06024-05** Prepared: 04/08/16 Analyzed: 04/09/16						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331735
Date Received: 04/06/16
Date Reported: 04/22/16

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 B6D0804 - *** DEFAULT PREP ****										
Duplicate (B6D0804-DUP1) Continued				**Source: 6D06024-05**	Prepared: 04/08/16		Analyzed: 04/09/16			
Benzene	**0.520**	0.50	ug/L		0.490			5.94	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		0.420				30	
Surrogate: 4-Bromofluorobenzene	*63.5*		*ug/L*	*50*		*127*	*70-140*			
Surrogate: Dibromofluoromethane	*44.3*		*ug/L*	*50*		*88.5*	*70-140*			
Surrogate: Toluene-d8	*51.0*		*ug/L*	*50*		*102*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B6D0731 - *** DEFAULT PREP ****										
Blank (B6D0731-BLK1)					Prepared & Analyzed: 04/07/16					
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*46.4*		*ug/L*	*50*		*92.7*	*70-130*			
LCS (B6D0731-BS1)					Prepared & Analyzed: 04/07/16					
Gasoline Range Organics (GRO)	**413**	20	ug/L	500		82.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.2*		*ug/L*	*50*		*94.4*	*70-130*			
LCS Dup (B6D0731-BSD1)					Prepared & Analyzed: 04/07/16					
Gasoline Range Organics (GRO)	**429**	20	ug/L	500		85.7	75-125	3.80	30	
Surrogate: a,a,a-Trifluorotoluene	*49.0*		*ug/L*	*50*		*98.0*	*70-130*			
Duplicate (B6D0731-DUP1)				**Source: 6D06021-01**	Prepared & Analyzed: 04/07/16					
Gasoline Range Organics (GRO)	**475**	20	ug/L		491			3.28	30	
Surrogate: a,a,a-Trifluorotoluene	*45.6*		*ug/L*	*50*		*91.2*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B6D0731 - *** DEFAULT PREP ****										
Blank (B6D0731-BLK1)					Prepared & Analyzed: 04/07/16					
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*46.4*		*ug/L*	*50*		*92.7*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331735
Date Received: 04/06/16
Date Reported: 04/22/16

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 B6D0731 - *** DEFAULT PREP ****										
LCS (B6D0731-BS1)				Prepared & Analyzed: 04/07/16						
GRO as Hexane	**413**	20	ug/L	500		82.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.2*		*ug/L*	*50*		*94.4*	*70-130*			
LCS Dup (B6D0731-BSD1)				Prepared & Analyzed: 04/07/16						
GRO as Hexane	**429**	20	ug/L	500		85.7	75-125	3.80	30	
Surrogate: a,a,a-Trifluorotoluene	*49.0*		*ug/L*	*50*		*98.0*	*70-130*			
Duplicate (B6D0731-DUP1)				**Source: 6D06021-01** Prepared & Analyzed: 04/07/16						
GRO as Hexane	**475**	20	ug/L		491			3.28	30	
Surrogate: a,a,a-Trifluorotoluene	*45.6*		*ug/L*	*50*		*91.2*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331735
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

124822

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

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

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Total VOCs as Gas 8015	BTEX/MTBE 8260B	Special Instructions
						Please enter the TAT Turnaround Codes ** below		
VEW-32	6SD6024-01	4-6-16	0925	Air	1	✓	✓	
VEW-33	-02	↓	0936	Air	1	✓	✓	
HW-1	-03		0901	Air	1	✓	✓	
HW-3	-04		0905	Air	1	✓	✓	
HW-5	-05	↓	0909	Air	1	✓	✓	

PRIORITY J SH Rush Hrs Date 4/6/16 Time 1730 Sign

A5331735/6SD6024

Relinquished by	Date	Time	Received by
Glenn Androsko	4-6-16	1515	
Relinquished by	Date 4/6/16	Time 1710	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

April 22, 2016

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk VES AQMD / 04-NDLA-013

A5331733 / 6D06021

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 04/06/16 17:10 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331733
Date Received: 04/06/16
Date Reported: 04/22/16

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	6D06021-01	Vapor	5	04/06/16 08:42	04/06/16 17:10
Effluent	6D06021-02	Vapor	5	04/06/16 08:36	04/06/16 17:10
VOCs Gasoline Range Organics Vapor					
Influent	6D06021-01	Vapor	5	04/06/16 08:42	04/06/16 17:10
Effluent	6D06021-02	Vapor	5	04/06/16 08:36	04/06/16 17:10
VOCs GRO Vapor as Hexane					
Influent	6D06021-01	Vapor	5	04/06/16 08:42	04/06/16 17:10
Effluent	6D06021-02	Vapor	5	04/06/16 08:36	04/06/16 17:10

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331733
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/08/16

Influent

6D06021-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**1.2**	ug/L	0.50	**0.38**	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	**1.1**	ug/L	0.50	**0.29**	ppmv	0.13
o-Xylene	**0.72**	ug/L	0.50	**0.17**	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	97.2 %	70-140
Dibromofluoromethane	93.8 %	70-140
Toluene-d8	99.6 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331733
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/08/16

Effluent

6D06021-02 (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	122 %	70-140
Dibromofluoromethane	74.6 %	70-140
Toluene-d8	108 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331733
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/07/16

Influent

6D06021-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**490**	ug/L	20	**120**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	87.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331733
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/07/16

Effluent

6D06021-02 (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	95.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331733
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	04/07/16

Influent

6D06021-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**490**	ug/L	20	**140**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	87.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331733
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16
Matrix:	Vapor	**Sampled:**	04/06/16
Dilution:	1	**Prepared:**	04/07/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	04/07/16

Effluent

6D06021-02 (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	95.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331733
Date Received: 04/06/16
Date Reported: 04/22/16

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 B6D0804 - *** DEFAULT PREP ****										
Blank (B6D0804-BLK1)				Prepared & Analyzed: 04/08/16						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50*		*98.9*	*70-140*			
Surrogate: Dibromofluoromethane	*43.9*		*ug/L*	*50*		*87.7*	*70-140*			
Surrogate: Toluene-d8	*50.9*		*ug/L*	*50*		*102*	*70-140*			
LCS (B6D0804-BS1)				Prepared & Analyzed: 04/08/16						
Benzene	**20.2**	0.50	ug/L	20		101	75-125			
Ethylbenzene	**20.2**	0.50	ug/L	20		101	75-125			
Methyl-tert-Butyl Ether (MTBE)	**30.5**	2.0	ug/L	40		76.2	75-125			
Toluene	**20.9**	0.50	ug/L	20		104	75-125			
o-Xylene	**18.0**	0.50	ug/L	20		89.8	75-125			
m,p-Xylenes	**37.8**	1.0	ug/L	40		94.6	75-125			
Surrogate: 4-Bromofluorobenzene	*64.2*		*ug/L*	*50*		*128*	*70-140*			
Surrogate: Dibromofluoromethane	*35.8*		*ug/L*	*50*		*71.6*	*70-140*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50*		*105*	*70-140*			
LCS Dup (B6D0804-BSD1)				Prepared: 04/08/16 Analyzed: 04/09/16						
Benzene	**19.2**	0.50	ug/L	20		96.2	75-125	4.57	30	
Ethylbenzene	**20.5**	0.50	ug/L	20		102	75-125	1.48	30	
Methyl-tert-Butyl Ether (MTBE)	**32.5**	2.0	ug/L	40		81.3	75-125	6.38	30	
Toluene	**21.3**	0.50	ug/L	20		107	75-125	2.13	30	
o-Xylene	**18.7**	0.50	ug/L	20		93.6	75-125	4.15	30	
m,p-Xylenes	**38.9**	1.0	ug/L	40		97.2	75-125	2.82	30	
Surrogate: 4-Bromofluorobenzene	*58.8*		*ug/L*	*50*		*118*	*70-140*			
Surrogate: Dibromofluoromethane	*36.6*		*ug/L*	*50*		*73.2*	*70-140*			
Surrogate: Toluene-d8	*53.2*		*ug/L*	*50*		*106*	*70-140*			
Duplicate (B6D0804-DUP1)				**Source: 6D06024-05** Prepared: 04/08/16 Analyzed: 04/09/16						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331733
Date Received: 04/06/16
Date Reported: 04/22/16

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 B6D0804 - *** DEFAULT PREP ****										
Duplicate (B6D0804-DUP1) Continued				**Source: 6D06024-05**	Prepared: 04/08/16		Analyzed: 04/09/16			
Benzene	**0.520**	0.50	ug/L		0.490			5.94	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		0.420				30	
Surrogate: 4-Bromofluorobenzene	*63.5*		*ug/L*	*50*		*127*	*70-140*			
Surrogate: Dibromofluoromethane	*44.3*		*ug/L*	*50*		*88.5*	*70-140*			
Surrogate: Toluene-d8	*51.0*		*ug/L*	*50*		*102*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B6D0731 - *** DEFAULT PREP ****										
Blank (B6D0731-BLK1)					Prepared & Analyzed: 04/07/16					
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*46.4*		*ug/L*	*50*		*92.7*	*70-130*			
LCS (B6D0731-BS1)					Prepared & Analyzed: 04/07/16					
Gasoline Range Organics (GRO)	**413**	20	ug/L	500		82.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.2*		*ug/L*	*50*		*94.4*	*70-130*			
LCS Dup (B6D0731-BSD1)					Prepared & Analyzed: 04/07/16					
Gasoline Range Organics (GRO)	**429**	20	ug/L	500		85.7	75-125	3.80	30	
Surrogate: a,a,a-Trifluorotoluene	*49.0*		*ug/L*	*50*		*98.0*	*70-130*			
Duplicate (B6D0731-DUP1)				**Source: 6D06021-01**	Prepared & Analyzed: 04/07/16					
Gasoline Range Organics (GRO)	**475**	20	ug/L		491			3.28	30	
Surrogate: a,a,a-Trifluorotoluene	*45.6*		*ug/L*	*50*		*91.2*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B6D0731 - *** DEFAULT PREP ****										
Blank (B6D0731-BLK1)					Prepared & Analyzed: 04/07/16					
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*46.4*		*ug/L*	*50*		*92.7*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331733
Date Received: 04/06/16
Date Reported: 04/22/16

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 B6D0731 - *** DEFAULT PREP ****										
LCS (B6D0731-BS1)				Prepared & Analyzed: 04/07/16						
GRO as Hexane	**413**	20	ug/L	500		82.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.2*		*ug/L*	*50*		*94.4*	*70-130*			
LCS Dup (B6D0731-BSD1)				Prepared & Analyzed: 04/07/16						
GRO as Hexane	**429**	20	ug/L	500		85.7	75-125	3.80	30	
Surrogate: a,a,a-Trifluorotoluene	*49.0*		*ug/L*	*50*		*98.0*	*70-130*			
Duplicate (B6D0731-DUP1)				**Source: 6D06021-01** Prepared & Analyzed: 04/07/16						
GRO as Hexane	**475**	20	ug/L		491			3.28	30	
Surrogate: a,a,a-Trifluorotoluene	*45.6*		*ug/L*	*50*		*91.2*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331733
Project No:	04-NDLA-013	**Date Received:**	04/06/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/22/16

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

124820

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

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

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	AA I.D. #	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B	Please enter the TAT Turnaround Codes ** below	Special Instructions
Influent	6D06021-01	4-6-16	0842	Air	1	✓	✓	✓		
Effluent	-02	4-6-16	0836	Air	1	✓	✓	✓		

PRIORITY
Rush
Date 4/6/16 Time 1715 Sign

AS331733/6D06021

Relinquished by	Date	Time	Received by
Glenn Androsko	4-6-16	1515	
	4/6/16	1710	

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

AMERICAN ANALYTICS

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

May 27, 2016

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk VES AQMD / 04-NDLA-013

A5331790 / 6E04016

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/04/16 15:25 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-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331790
Date Received: 05/04/16
Date Reported: 05/27/16

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	6E04016-01	Vapor	5	05/04/16 09:42	05/04/16 15:25
Effluent	6E04016-02	Vapor	5	05/04/16 09:35	05/04/16 15:25
VOCs Gasoline Range Organics Vapor					
Influent	6E04016-01	Vapor	5	05/04/16 09:42	05/04/16 15:25
Effluent	6E04016-02	Vapor	5	05/04/16 09:35	05/04/16 15:25
VOCs GRO Vapor as Hexane					
Influent	6E04016-01	Vapor	5	05/04/16 09:42	05/04/16 15:25
Effluent	6E04016-02	Vapor	5	05/04/16 09:35	05/04/16 15:25

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331790
Project No:	04-NDLA-013	**Date Received:**	05/04/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/27/16
Matrix:	Vapor	**Sampled:**	05/04/16
Dilution:	1	**Prepared:**	05/06/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	05/06/16

Influent

6E04016-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**1.0**	ug/L	0.50	**0.31**	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	**0.77**	ug/L	0.50	**0.20**	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	116 %	70-140
Dibromofluoromethane	80.1 %	70-140
Toluene-d8	103 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331790
Project No:	04-NDLA-013	**Date Received:**	05/04/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/27/16
Matrix:	Vapor	**Sampled:**	05/04/16
Dilution:	0.5	**Prepared:**	05/06/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	05/06/16

Effluent

6E04016-02 (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	126 %	70-140
Dibromofluoromethane	85.2 %	70-140
Toluene-d8	106 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331790
Project No:	04-NDLA-013	**Date Received:**	05/04/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/27/16
Matrix:	Vapor	**Sampled:**	05/04/16
Dilution:	1	**Prepared:**	05/05/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	05/05/16

Influent

6E04016-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**410**	ug/L	20	**100**	ppmv	4.9

Surrogates	**%REC**	**%REC Limits**
a,a,a-Trifluorotoluene	92.0 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331790
Project No:	04-NDLA-013	**Date Received:**	05/04/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/27/16
Matrix:	Vapor	**Sampled:**	05/04/16
Dilution:	1	**Prepared:**	05/05/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	05/05/16

Effluent

6E04016-02 (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	88.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331790
Project No:	04-NDLA-013	**Date Received:**	05/04/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/27/16
Matrix:	Vapor	**Sampled:**	05/04/16
Dilution:	1	**Prepared:**	05/05/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	05/05/16

Influent

6E04016-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**410**	ug/L	20	**120**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	92.0 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331790
Project No:	04-NDLA-013	**Date Received:**	05/04/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/27/16
Matrix:	Vapor	**Sampled:**	05/04/16
Dilution:	1	**Prepared:**	05/05/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	05/05/16

Effluent

6E04016-02 (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	88.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331790
Date Received: 05/04/16
Date Reported: 05/27/16

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 B6E0603 - *** DEFAULT PREP ****										
Blank (B6E0603-BLK1)				Prepared & Analyzed: 05/06/16						
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	*65.0*		*ug/L*	*50*		*130*	*70-140*			
Surrogate: Dibromofluoromethane	*43.4*		*ug/L*	*50*		*86.8*	*70-140*			
Surrogate: Toluene-d8	*50.7*		*ug/L*	*50*		*101*	*70-140*			
LCS (B6E0603-BS1)				Prepared & Analyzed: 05/06/16						
Benzene	**20.6**	0.50	ug/L	20		103	75-125			
Ethylbenzene	**21.5**	0.50	ug/L	20		108	75-125			
Methyl-tert-Butyl Ether (MTBE)	**31.3**	2.0	ug/L	40		78.2	75-125			
Toluene	**21.5**	0.50	ug/L	20		108	75-125			
o-Xylene	**18.9**	0.50	ug/L	20		94.3	75-125			
m,p-Xylenes	**40.0**	1.0	ug/L	40		100	75-125			
Surrogate: 4-Bromofluorobenzene	*61.1*		*ug/L*	*50*		*122*	*70-140*			
Surrogate: Dibromofluoromethane	*42.8*		*ug/L*	*50*		*85.5*	*70-140*			
Surrogate: Toluene-d8	*56.0*		*ug/L*	*50*		*112*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B6E0516 - *** DEFAULT PREP ****										
Blank (B6E0516-BLK1)				Prepared & Analyzed: 05/05/16						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*46.9*		*ug/L*	*50*		*93.8*	*70-130*			
LCS (B6E0516-BS1)				Prepared & Analyzed: 05/05/16						
Gasoline Range Organics (GRO)	**410**	20	ug/L	500		81.9	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.3*		*ug/L*	*50*		*94.7*	*70-130*			
LCS Dup (B6E0516-BSD1)				Prepared & Analyzed: 05/05/16						
Gasoline Range Organics (GRO)	**415**	20	ug/L	500		83.1	75-125	1.40	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331790
Date Received: 05/04/16
Date Reported: 05/27/16

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 B6E0516 - *** DEFAULT PREP ****										
LCS Dup (B6E0516-BSD1) Continued				Prepared & Analyzed: 05/05/16						
Surrogate: a,a,a-Trifluorotoluene	*47.5*		*ug/L*	*50*		*95.0*	*70-130*			
Duplicate (B6E0516-DUP1)			**Source: 6E04016-01**	Prepared & Analyzed: 05/05/16						
Gasoline Range Organics (GRO)	**431**	20	ug/L		409			5.35	30	
Surrogate: a,a,a-Trifluorotoluene	*45.3*		*ug/L*	*50*		*90.6*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B6E0516 - *** DEFAULT PREP ****										
Blank (B6E0516-BLK1)				Prepared & Analyzed: 05/05/16						
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*46.9*		*ug/L*	*50*		*93.8*	*70-130*			
LCS (B6E0516-BS1)				Prepared & Analyzed: 05/05/16						
GRO as Hexane	**410**	20	ug/L	500		81.9	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.3*		*ug/L*	*50*		*94.7*	*70-130*			
LCS Dup (B6E0516-BSD1)				Prepared & Analyzed: 05/05/16						
GRO as Hexane	**415**	20	ug/L	500		83.1	75-125	1.40	30	
Surrogate: a,a,a-Trifluorotoluene	*47.5*		*ug/L*	*50*		*95.0*	*70-130*			
Duplicate (B6E0516-DUP1)			**Source: 6E04016-01**	Prepared & Analyzed: 05/05/16						
GRO as Hexane	**431**	20	ug/L		409			5.35	30	
Surrogate: a,a,a-Trifluorotoluene	*45.3*		*ug/L*	*50*		*90.6*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331790
Project No:	04-NDLA-013	**Date Received:**	05/04/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/27/16

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

125054

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

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

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.C.	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	6E04016 -01	5-4-16	0942	Air	1	✓	✓	✓				✓				
Effluent	02	5-4-16	0935	Air	1	✓	✓	✓								

PRIORITY ✓ SH
Rush Hrs
Date 5/4/16 Time 16:15 Sign

A5331790 / 6E04016

Relinquished by	Date	Time	Received by
Glenn Androsko	5-4-16	1340	
Relinquished by	Date	Time	Received by
	5/4/16	1525	
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

May 27, 2016

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GWETS NPDES Monthly / 04-NDLA-013

A5331789 / 6E04015

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/04/16 15:25 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-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331789
Date Received: 05/04/16
Date Reported: 05/27/16

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	6E04015-01	Water	5	05/04/16 08:55	05/04/16 15:25
After GAC-1	6E04015-02	Water	5	05/04/16 08:50	05/04/16 15:25
After GAC-2	6E04015-03	Water	5	05/04/16 08:44	05/04/16 15:25
Arsenic Total EPA 200.7					
Surge Tank	6E04015-01	Water	5	05/04/16 08:55	05/04/16 15:25
After Zeolite Bed	6E04015-04	Water	5	05/04/16 08:39	05/04/16 15:25
After Alumina Bed	6E04015-05	Water	5	05/04/16 08:35	05/04/16 15:25
Diesel Range Organics 8015M					
Surge Tank	6E04015-01	Water	5	05/04/16 08:55	05/04/16 15:25
After GAC-1	6E04015-02	Water	5	05/04/16 08:50	05/04/16 15:25
After GAC-2	6E04015-03	Water	5	05/04/16 08:44	05/04/16 15:25

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: TPHG/BTEX/Oxygenates by GC/MS

AA Project No: A5331789
Date Received: 05/04/16
Date Reported: 05/27/16
Units: ug/L

Date Sampled:	05/04/16	05/04/16	05/04/16		
Date Prepared:	05/16/16	05/16/16	05/16/16		
Date Analyzed:	05/16/16	05/16/16	05/16/16		
AA ID No:	6E04015-01	6E04015-02	6E04015-03		
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	<0.20	<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	<0.20	<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)	**470**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	<0.40	**0.45 J**	<0.40	0.40	2.0
Toluene	<0.30	<0.30	<0.30	0.30	0.50
o-Xylene	<0.30	<0.30	<0.30	0.30	0.50
m,p-Xylenes	**1.3**	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	122%	126%	125%		70-140
Dibromofluoromethane	81%	86%	80%		70-140
Toluene-d8	102%	99%	107%		70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Diesel Range Organics by GC/FID

AA Project No: A5331789
Date Received: 05/04/16
Date Reported: 05/27/16
Units: ug/L

Date Sampled:	05/04/16	05/04/16	05/04/16		
Date Prepared:	05/10/16	05/10/16	05/10/16		
Date Analyzed:	05/10/16	05/10/16	05/10/16		
AA ID No:	6E04015-01	6E04015-02	6E04015-03		
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	**170**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	102%	88%	86%	50-150	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Total Metals by ICP Atomic Emission Spectroscopy

AA Project No: A5331789
Date Received: 05/04/16
Date Reported: 05/27/16

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
6E04015-01	Surge Tank	05/04/16	05/10/16	05/11/16	1	**0.044**	mg/L	0.006	0.007
6E04015-04	After Zeolite Bed	05/04/16	05/10/16	05/11/16	1	**0.022**	mg/L	0.006	0.007
6E04015-05	After Alumina Bed	05/04/16	05/10/16	05/11/16	1	**0.027**	mg/L	0.006	0.007

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331789
Date Received: 05/04/16
Date Reported: 05/27/16

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 B6E1623 - EPA 5030B										
Blank (B6E1623-BLK1)				Prepared & Analyzed: 05/16/16						
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	*61.3*		*ug/L*	*50*		*123*	*70-140*			
Surrogate: Dibromofluoromethane	*50.1*		*ug/L*	*50*		*100*	*70-140*			
Surrogate: Toluene-d8	*49.1*		*ug/L*	*50*		*98.2*	*70-140*			
LCS (B6E1623-BS1)				Prepared: 05/16/16 Analyzed: 05/17/16						
tert-Amyl Methyl Ether (TAME)	**21.0**	0.30	ug/L	20		105	70-130			
Benzene	**20.7**	0.20	ug/L	20		104	75-125			
tert-Butyl alcohol (TBA)	**111**	7.0	ug/L	100		111	70-130			
Diisopropyl ether (DIPE)	**20.1**	0.50	ug/L	20		100	70-130			
Ethylbenzene	**21.0**	0.20	ug/L	20		105	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**20.8**	0.40	ug/L	20		104	70-130			
Gasoline Range Organics (GRO)	**593**	40	ug/L	500		119	70-130			
Methyl-tert-Butyl Ether (MTBE)	**40.1**	0.40	ug/L	40		100	70-135			
Toluene	**20.3**	0.30	ug/L	20		102	75-125			
o-Xylene	**19.6**	0.30	ug/L	20		98.0	75-125			
m,p-Xylenes	**39.3**	0.40	ug/L	40		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	*65.0*		*ug/L*	*50*		*130*	*70-140*			
Surrogate: Dibromofluoromethane	*41.7*		*ug/L*	*50*		*83.4*	*70-140*			
Surrogate: Toluene-d8	*50.2*		*ug/L*	*50*		*100*	*70-140*			
Matrix Spike (B6E1623-MS1)				**Source: 6E10015-06** Prepared & Analyzed: 05/16/16						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331789
Date Received: 05/04/16
Date Reported: 05/27/16

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 B6E1623 - EPA 5030B										
Matrix Spike (B6E1623-MS1) Continued Source: 6E10015-06 Prepared & Analyzed: 05/16/16										
tert-Amyl Methyl Ether (TAME)	**24.7**	0.30	ug/L	20		124	70-130			
Benzene	**18.0**	0.20	ug/L	20		90.0	70-130			
tert-Butyl alcohol (TBA)	**123**	7.0	ug/L	100		123	70-130			
Diisopropyl ether (DIPE)	**21.0**	0.50	ug/L	20		105	70-130			
Ethylbenzene	**20.4**	0.20	ug/L	20		102	70-130			
Ethyl-tert-Butyl Ether (ETBE)	**22.4**	0.40	ug/L	20		112	70-130			
Gasoline Range Organics (GRO)	**570**	40	ug/L	500		114	70-130			
Methyl-tert-Butyl Ether (MTBE)	**32.8**	0.40	ug/L	40		82.0	70-130			
Toluene	**20.1**	0.30	ug/L	20		100	70-130			
o-Xylene	**18.8**	0.30	ug/L	20		94.1	70-130			
m,p-Xylenes	**39.1**	0.40	ug/L	40		97.7	70-130			
Surrogate: 4-Bromofluorobenzene	*52.2*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Dibromofluoromethane	*43.9*		*ug/L*	*50*		*87.8*	*70-140*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50*		*104*	*70-140*			
Matrix Spike Dup (B6E1623-MSD1) **Source: 6E10015-06** Prepared & Analyzed: 05/16/16										
tert-Amyl Methyl Ether (TAME)	**23.6**	0.30	ug/L	20		118	70-130	4.51	30	
Benzene	**17.2**	0.20	ug/L	20		86.2	70-130	4.26	30	
tert-Butyl alcohol (TBA)	**122**	7.0	ug/L	100		122	70-130	0.816	30	
Diisopropyl ether (DIPE)	**20.0**	0.50	ug/L	20		99.8	70-130	4.89	30	
Ethylbenzene	**20.5**	0.20	ug/L	20		103	70-130	0.342	30	
Ethyl-tert-Butyl Ether (ETBE)	**21.6**	0.40	ug/L	20		108	70-130	3.73	30	
Gasoline Range Organics (GRO)	**529**	40	ug/L	500		106	70-130	7.46	30	
Methyl-tert-Butyl Ether (MTBE)	**33.7**	0.40	ug/L	40		84.2	70-130	2.74	30	
Toluene	**19.9**	0.30	ug/L	20		99.6	70-130	0.700	30	
o-Xylene	**19.2**	0.30	ug/L	20		96.2	70-130	2.16	30	
m,p-Xylenes	**39.2**	0.40	ug/L	40		98.0	70-130	0.358	30	
Surrogate: 4-Bromofluorobenzene	*51.8*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Dibromofluoromethane	*43.5*		*ug/L*	*50*		*87.0*	*70-140*			
Surrogate: Toluene-d8	*51.5*		*ug/L*	*50*		*103*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331789
Date Received: 05/04/16
Date Reported: 05/27/16

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
Batch B6E1015 - EPA 3510C										
Blank (B6E1015-BLK1)				Prepared & Analyzed: 05/10/16						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*42.4*		*ug/L*	*40*		*106*	*50-150*			
LCS (B6E1015-BS1)				Prepared & Analyzed: 05/10/16						
Diesel Range Organics as Diesel	**670**	60	ug/L	800		83.7	75-125		30	
Surrogate: o-Terphenyl	*53.5*		*ug/L*	*40*		*134*	*50-150*			
LCS Dup (B6E1015-BSD1)				Prepared & Analyzed: 05/10/16						
Diesel Range Organics as Diesel	**623**	60	ug/L	800		77.9	75-125	7.23	30	
Surrogate: o-Terphenyl	*53.4*		*ug/L*	*40*		*134*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B6E1019 - EPA 200.7										
Blank (B6E1019-BLK1)				Prepared: 05/10/16 Analyzed: 05/11/16						
Arsenic	<0.0060	0.0060	mg/L							
LCS (B6E1019-BS1)				Prepared: 05/10/16 Analyzed: 05/11/16						
Arsenic	**0.195**	0.0060	mg/L	0.20		97.5	80-120		20	
LCS Dup (B6E1019-BSD1)				Prepared: 05/10/16 Analyzed: 05/11/16						
Arsenic	**0.187**	0.0060	mg/L	0.20		93.5	80-120	4.19	20	
Matrix Spike (B6E1019-MS1)				**Source: 6E04014-01** Prepared: 05/10/16 Analyzed: 05/11/16						
Arsenic	**0.239**	0.0060	mg/L	0.20		120	75-125		20	
Matrix Spike Dup (B6E1019-MSD1)				**Source: 6E04014-01** Prepared: 05/10/16 Analyzed: 05/11/16						
Arsenic	**0.210**	0.0060	mg/L	0.20		105	75-125	12.9	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331789
Project No:	04-NDLA-013	**Date Received:**	05/04/16
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	05/27/16

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

125052

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

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

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	Special Instructions
						Please enter the TAT Turnaround Codes ** below			
Surge Tank	6E04015-01	5-4-16	0855	Water	5	✓	✓	✓	
After GAC-1	2	↓	0850	Water	4	✓	✓		
After GAC-2	3		0844	Water	4	✓	✓		
~~After Zolite Bed~~	4		0839	Water	1			✓	
After Alumina Bed	5	↓	0835	Water	1			✓	
After Zeolite Bed									

REVIEWED
Date 5/4/16 Time 1600
Sign:
TAT N Days

Relinquished by: Glenn Androsko	Date: 5-4-16	Time: 1340	Received by:
Relinquished by:	Date: 5/4/16	Time: 1525	Received by:
Relinquished by:	Date:	Time:	Received by:

AS331789/6E04015

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

June 14, 2016

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GWETS NPDES Monthly / 04-NDLA-013

A5331839 / 6F01018

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/01/16 14:54 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-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331839
Date Received: 06/01/16
Date Reported: 06/14/16

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	6F01018-01	Water	5	06/01/16 10:16	06/01/16 14:54
After GAC-1	6F01018-02	Water	5	06/01/16 10:10	06/01/16 14:54
After GAC-2	6F01018-03	Water	5	06/01/16 10:03	06/01/16 14:54
Arsenic Total EPA 200.7					
Surge Tank	6F01018-01	Water	5	06/01/16 10:16	06/01/16 14:54
After Zeolite Bed	6F01018-04	Water	5	06/01/16 09:58	06/01/16 14:54
After Alumina Bed	6F01018-05	Water	5	06/01/16 09:57	06/01/16 14:54
Diesel Range Organics 8015M					
Surge Tank	6F01018-01	Water	5	06/01/16 10:16	06/01/16 14:54
After GAC-1	6F01018-02	Water	5	06/01/16 10:10	06/01/16 14:54
After GAC-2	6F01018-03	Water	5	06/01/16 10:03	06/01/16 14:54

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: TPHG/BTEX/Oxygenates by GC/MS

AA Project No: A5331839
Date Received: 06/01/16
Date Reported: 06/14/16
Units: ug/L

Date Sampled:	06/01/16	06/01/16	06/01/16		
Date Prepared:	06/03/16	06/03/16	06/03/16		
Date Analyzed:	06/03/16	06/03/16	06/03/16		
AA ID No:	6F01018-01	6F01018-02	6F01018-03		
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	**4.9**	<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	<0.20	<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)	**75 J**	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	**0.43 J**	<0.40	<0.40	0.40	2.0
Toluene	<0.30	<0.30	<0.30	0.30	0.50
o-Xylene	<0.30	<0.30	<0.30	0.30	0.50
m,p-Xylenes	<0.40	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	109%	101%	103%		70-140
Dibromofluoromethane	85%	109%	101%		70-140
Toluene-d8	101%	95%	97%		70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Diesel Range Organics by GC/FID

AA Project No: A5331839
Date Received: 06/01/16
Date Reported: 06/14/16
Units: ug/L

Date Sampled:	06/01/16	06/01/16	06/01/16		
Date Prepared:	06/07/16	06/07/16	06/07/16		
Date Analyzed:	06/07/16	06/07/16	06/07/16		
AA ID No:	6F01018-01	6F01018-02	6F01018-03		
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	**280**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	146%	135%	123%	50-150	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly
Method: Total Metals by ICP Atomic Emission Spectroscopy

AA Project No: A5331839
Date Received: 06/01/16
Date Reported: 06/14/16

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
6F01018-01	Surge Tank	06/01/16	06/06/16	06/06/16	1	**0.048**	mg/L	0.006	0.007
6F01018-04	After Zeolite Bed	06/01/16	06/06/16	06/06/16	1	**0.020**	mg/L	0.006	0.007
6F01018-05	After Alumina Bed	06/01/16	06/06/16	06/06/16	1	**0.018**	mg/L	0.006	0.007

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331839
Date Received: 06/01/16
Date Reported: 06/14/16

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 B6F0311 - EPA 5030B										
Blank (B6F0311-BLK1)				Prepared & Analyzed: 06/03/16						
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L							
Benzene	<0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L							
Ethylbenzene	<0.20	0.20	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L							
Gasoline Range Organics (GRO)	<40	40	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L							
Toluene	<0.30	0.30	ug/L							
o-Xylene	<0.30	0.30	ug/L							
m,p-Xylenes	<0.40	0.40	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.5*		*ug/L*	*50*		*99.1*	*70-140*			
Surrogate: Dibromofluoromethane	*49.8*		*ug/L*	*50*		*99.6*	*70-140*			
Surrogate: Toluene-d8	*49.1*		*ug/L*	*50*		*98.2*	*70-140*			
LCS (B6F0311-BS1)				Prepared & Analyzed: 06/03/16						
tert-Amyl Methyl Ether (TAME)	**22.1**	0.30	ug/L	20		110	70-130			
Benzene	**17.8**	0.20	ug/L	20		88.9	75-125			
tert-Butyl alcohol (TBA)	**123**	7.0	ug/L	100		123	70-130			
Diisopropyl ether (DIPE)	**17.8**	0.50	ug/L	20		88.8	70-130			
Ethylbenzene	**18.8**	0.20	ug/L	20		94.2	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**19.2**	0.40	ug/L	20		96.2	70-130			
Gasoline Range Organics (GRO)	**491**	40	ug/L	500		98.2	70-130			
Methyl-tert-Butyl Ether (MTBE)	**42.6**	0.40	ug/L	40		107	70-135			
Toluene	**17.4**	0.30	ug/L	20		87.1	75-125			
o-Xylene	**18.7**	0.30	ug/L	20		93.6	75-125			
m,p-Xylenes	**36.8**	0.40	ug/L	40		91.9	70-130			
Surrogate: 4-Bromofluorobenzene	*49.5*		*ug/L*	*50*		*99.0*	*70-140*			
Surrogate: Dibromofluoromethane	*49.9*		*ug/L*	*50*		*99.7*	*70-140*			
Surrogate: Toluene-d8	*44.5*		*ug/L*	*50*		*89.1*	*70-140*			
Matrix Spike (B6F0311-MS1)				**Source: 6F01017-01** Prepared: 06/03/16 Analyzed: 06/04/16						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331839
Date Received: 06/01/16
Date Reported: 06/14/16

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 B6F0311 - EPA 5030B										
Matrix Spike (B6F0311-MS1) Continued Source: 6F01017-01 Prepared: 06/03/16 Analyzed: 06/04/16										
tert-Amyl Methyl Ether (TAME)	**23.2**	0.30	ug/L	20		116	70-130			
Benzene	**16.9**	0.20	ug/L	20		84.6	70-130			
tert-Butyl alcohol (TBA)	**120**	7.0	ug/L	100		120	70-130			
Diisopropyl ether (DIPE)	**20.2**	0.50	ug/L	20		101	70-130			
Ethylbenzene	**20.2**	0.20	ug/L	20		101	70-130			
Ethyl-tert-Butyl Ether (ETBE)	**21.5**	0.40	ug/L	20		108	70-130			
Gasoline Range Organics (GRO)	**556**	40	ug/L	500		111	70-130			
Methyl-tert-Butyl Ether (MTBE)	**43.5**	0.40	ug/L	40		109	70-130			
Toluene	**19.8**	0.30	ug/L	20		99.0	70-130			
o-Xylene	**19.3**	0.30	ug/L	20		96.5	70-130			
m,p-Xylenes	**39.2**	0.40	ug/L	40		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	*55.5*		*ug/L*	*50*		*111*	*70-140*			
Surrogate: Dibromofluoromethane	*41.2*		*ug/L*	*50*		*82.5*	*70-140*			
Surrogate: Toluene-d8	*50.9*		*ug/L*	*50*		*102*	*70-140*			
Matrix Spike Dup (B6F0311-MSD1) Source: 6F01017-01 Prepared: 06/03/16 Analyzed: 06/04/16										
tert-Amyl Methyl Ether (TAME)	**23.6**	0.30	ug/L	20		118	70-130	1.92	30	
Benzene	**19.0**	0.20	ug/L	20		95.0	70-130	11.5	30	
tert-Butyl alcohol (TBA)	**123**	7.0	ug/L	100		123	70-130	2.47	30	
Diisopropyl ether (DIPE)	**21.7**	0.50	ug/L	20		108	70-130	7.21	30	
Ethylbenzene	**19.7**	0.20	ug/L	20		98.6	70-130	2.60	30	
Ethyl-tert-Butyl Ether (ETBE)	**22.7**	0.40	ug/L	20		113	70-130	5.34	30	
Gasoline Range Organics (GRO)	**563**	40	ug/L	500		113	70-130	1.25	30	
Methyl-tert-Butyl Ether (MTBE)	**43.6**	0.40	ug/L	40		109	70-130	0.413	30	
Toluene	**19.6**	0.30	ug/L	20		97.8	70-130	1.22	30	
o-Xylene	**18.6**	0.30	ug/L	20		92.8	70-130	3.91	30	
m,p-Xylenes	**37.8**	0.40	ug/L	40		94.6	70-130	3.53	30	
Surrogate: 4-Bromofluorobenzene	*57.4*		*ug/L*	*50*		*115*	*70-140*			
Surrogate: Dibromofluoromethane	*43.1*		*ug/L*	*50*		*86.2*	*70-140*			
Surrogate: Toluene-d8	*52.8*		*ug/L*	*50*		*106*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5331839
Date Received: 06/01/16
Date Reported: 06/14/16

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
Batch B6F0728 - EPA 3510C										
Blank (B6F0728-BLK1)				Prepared & Analyzed: 06/07/16						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*56.0*		*ug/L*	*40*		*140*	*50-150*			
LCS (B6F0728-BS1)				Prepared & Analyzed: 06/07/16						
Diesel Range Organics as Diesel	**851**	60	ug/L	800		106	75-125		30	
Surrogate: o-Terphenyl	*59.8*		*ug/L*	*40*		*150*	*50-150*			
LCS Dup (B6F0728-BSD1)				Prepared & Analyzed: 06/07/16						
Diesel Range Organics as Diesel	**760**	60	ug/L	800		95.0	75-125	11.3	30	
Surrogate: o-Terphenyl	*58.4*		*ug/L*	*40*		*146*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B6F0634 - EPA 3010A										
Blank (B6F0634-BLK1)				Prepared & Analyzed: 06/06/16						
Arsenic	<0.0060	0.0060	mg/L							
LCS (B6F0634-BS1)				Prepared & Analyzed: 06/06/16						
Arsenic	**0.203**	0.0060	mg/L	0.20		102	80-120		20	
LCS Dup (B6F0634-BSD1)				Prepared & Analyzed: 06/06/16						
Arsenic	**0.201**	0.0060	mg/L	0.20		100	80-120	0.990	20	
Duplicate (B6F0634-DUP1)			**Source: 6F01018-04**	Prepared & Analyzed: 06/06/16						
Arsenic	**0.0198**	0.0060	mg/L		0.0197			0.506	30	
Matrix Spike (B6F0634-MS1)			**Source: 6F01017-01**	Prepared & Analyzed: 06/06/16						
Arsenic	**0.240**	0.0060	mg/L	0.20		120	75-125		20	
Matrix Spike Dup (B6F0634-MSD1)			**Source: 6F01017-01**	Prepared & Analyzed: 06/06/16						
Arsenic	**0.210**	0.0060	mg/L	0.20		105	75-125	13.3	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331839
Project No:	04-NDLA-013	**Date Received:**	06/01/16
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	06/14/16

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

125 202

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

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

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	Special Instructions
						Please enter the TAT Turnaround Codes ** below			
Surge Tank	6F01018-01	6-1-16	1016	Water	5	✓	✓	✓	
After GAC-1	2	↓	1010	Water	4	✓	✓		
After GAC-2	3		1003	Water	4	✓	✓		
After Zolite Bed	4		0958	Water	1			✓	
After Alumina Bed	5	↓	0957	Water	1			✓	

PRIORITY ✓ SH
Rush Hrs 15 Sign
Date 6/1/16 Time

SAMPLE INTEGRITY
INTACT Y N TEMP 5.4°

10 JUN 1 14:56

AS331839/ 6F01018

Relinquished by	Date	Time	Received by
Glenn Androsko	6-1-16	1310	
Relinquished by	Date	Time	Received by
	6/1/16	1954	
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

June 16, 2016

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk VES AQMD / 04-NDLA-013

A5331842 / 6F07029

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/07/16 14:11 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-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331842
Date Received: 06/07/16
Date Reported: 06/16/16

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	6F07029-01	Vapor	5	06/06/16 15:06	06/07/16 14:11
Effluent	6F07029-02	Vapor	5	06/06/16 14:59	06/07/16 14:11
VOCs Gasoline Range Organics Vapor					
Influent	6F07029-01	Vapor	5	06/06/16 15:06	06/07/16 14:11
Effluent	6F07029-02	Vapor	5	06/06/16 14:59	06/07/16 14:11
VOCs GRO Vapor as Hexane					
Influent	6F07029-01	Vapor	5	06/06/16 15:06	06/07/16 14:11
Effluent	6F07029-02	Vapor	5	06/06/16 14:59	06/07/16 14:11

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331842
Project No:	04-NDLA-013	**Date Received:**	06/07/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/16/16
Matrix:	Vapor	**Sampled:**	06/06/16
Dilution:	1	**Prepared:**	06/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/08/16

Influent

6F07029-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**1.9**	ug/L	0.50	**0.59**	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	**1.9**	ug/L	0.50	**0.50**	ppmv	0.13
o-Xylene	**1.8**	ug/L	0.50	**0.41**	ppmv	0.12
m,p-Xylenes	**2.2**	ug/L	1.0	**0.51**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	101 %	70-140
Dibromofluoromethane	112 %	70-140
Toluene-d8	98.4 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331842
Project No:	04-NDLA-013	**Date Received:**	06/07/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/16/16
Matrix:	Vapor	**Sampled:**	06/06/16
Dilution:	0.5	**Prepared:**	06/08/16
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/08/16

Effluent

6F07029-02 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	99.0 %	70-140
Dibromofluoromethane	120 %	70-140
Toluene-d8	97.8 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331842
Project No:	04-NDLA-013	**Date Received:**	06/07/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/16/16
Matrix:	Vapor	**Sampled:**	06/06/16
Dilution:	1	**Prepared:**	06/08/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/08/16

Influent

6F07029-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**240**	ug/L	20	**59**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	99.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331842
Project No:	04-NDLA-013	**Date Received:**	06/07/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/16/16
Matrix:	Vapor	**Sampled:**	06/06/16
Dilution:	1	**Prepared:**	06/08/16
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/08/16

Effluent

6F07029-02 (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	90.2 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331842
Project No:	04-NDLA-013	**Date Received:**	06/07/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/16/16
Matrix:	Vapor	**Sampled:**	06/06/16
Dilution:	1	**Prepared:**	06/08/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	06/08/16

Influent

6F07029-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**240**	ug/L	20	**68**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	99.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331842
Project No:	04-NDLA-013	**Date Received:**	06/07/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/16/16
Matrix:	Vapor	**Sampled:**	06/06/16
Dilution:	1	**Prepared:**	06/08/16
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	06/08/16

Effluent

6F07029-02 (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	90.2 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331842
Date Received: 06/07/16
Date Reported: 06/16/16

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 B6F0830 - *** DEFAULT PREP ****										
Blank (B6F0830-BLK1)				Prepared & Analyzed: 06/08/16						
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	*50.4*		*ug/L*	*50*		*101*	*70-140*			
Surrogate: Dibromofluoromethane	*54.0*		*ug/L*	*50*		*108*	*70-140*			
Surrogate: Toluene-d8	*49.6*		*ug/L*	*50*		*99.3*	*70-140*			
LCS (B6F0830-BS1)				Prepared & Analyzed: 06/08/16						
Benzene	**19.0**	0.50	ug/L	20		95.0	75-125			
Ethylbenzene	**20.9**	0.50	ug/L	20		105	75-125			
Methyl-tert-Butyl Ether (MTBE)	**38.7**	2.0	ug/L	40		96.7	75-125			
Toluene	**20.3**	0.50	ug/L	20		101	75-125			
o-Xylene	**20.0**	0.50	ug/L	20		100	75-125			
m,p-Xylenes	**40.9**	1.0	ug/L	40		102	75-125			
Surrogate: 4-Bromofluorobenzene	*49.9*		*ug/L*	*50*		*99.8*	*70-140*			
Surrogate: Dibromofluoromethane	*47.3*		*ug/L*	*50*		*94.6*	*70-140*			
Surrogate: Toluene-d8	*50.6*		*ug/L*	*50*		*101*	*70-140*			
LCS Dup (B6F0830-BSD1)				Prepared & Analyzed: 06/08/16						
Benzene	**19.5**	0.50	ug/L	20		97.6	75-125	2.65	30	
Ethylbenzene	**20.4**	0.50	ug/L	20		102	75-125	2.52	30	
Methyl-tert-Butyl Ether (MTBE)	**41.7**	2.0	ug/L	40		104	75-125	7.56	30	
Toluene	**19.7**	0.50	ug/L	20		98.6	75-125	2.80	30	
o-Xylene	**19.4**	0.50	ug/L	20		96.8	75-125	3.25	30	
m,p-Xylenes	**39.5**	1.0	ug/L	40		98.7	75-125	3.51	30	
Surrogate: 4-Bromofluorobenzene	*51.7*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Dibromofluoromethane	*48.4*		*ug/L*	*50*		*96.8*	*70-140*			
Surrogate: Toluene-d8	*50.8*		*ug/L*	*50*		*102*	*70-140*			
Duplicate (B6F0830-DUP1)				**Source: 6F07031-01** Prepared & Analyzed: 06/08/16						

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331842
Date Received: 06/07/16
Date Reported: 06/16/16

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 B6F0830 - *** DEFAULT PREP ****										
Duplicate (B6F0830-DUP1) Continued			**Source: 6F07031-01**	Prepared & Analyzed: 06/08/16						
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	*51.0*		*ug/L*	*50*		*102*	*70-140*			
Surrogate: Dibromofluoromethane	*57.6*		*ug/L*	*50*		*115*	*70-140*			
Surrogate: Toluene-d8	*49.7*		*ug/L*	*50*		*99.5*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B6F0823 - *** DEFAULT PREP ****										
Blank (B6F0823-BLK1)				Prepared & Analyzed: 06/08/16						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*43.7*		*ug/L*	*50*		*87.3*	*70-130*			
LCS (B6F0823-BS1)				Prepared & Analyzed: 06/08/16						
Gasoline Range Organics (GRO)	**448**	20	ug/L	500		89.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*48.2*		*ug/L*	*50*		*96.4*	*70-130*			
LCS Dup (B6F0823-BSD1)				Prepared & Analyzed: 06/08/16						
Gasoline Range Organics (GRO)	**437**	20	ug/L	500		87.4	75-125	2.36	30	
Surrogate: a,a,a-Trifluorotoluene	*52.6*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B6F0823-DUP1)			**Source: 6F07029-01**	Prepared & Analyzed: 06/08/16						
Gasoline Range Organics (GRO)	**237**	20	ug/L		236			0.322	30	
Surrogate: a,a,a-Trifluorotoluene	*48.1*		*ug/L*	*50*		*96.2*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B6F0823 - *** DEFAULT PREP ****										
Blank (B6F0823-BLK1)				Prepared & Analyzed: 06/08/16						
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*43.7*		*ug/L*	*50*		*87.3*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5331842
Date Received: 06/07/16
Date Reported: 06/16/16

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 B6F0823 - *** DEFAULT PREP ****										
LCS (B6F0823-BS1)				Prepared & Analyzed: 06/08/16						
GRO as Hexane	**448**	20	ug/L	500		89.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*48.2*		*ug/L*	*50*		*96.4*	*70-130*			
LCS Dup (B6F0823-BSD1)				Prepared & Analyzed: 06/08/16						
GRO as Hexane	**437**	20	ug/L	500		87.4	75-125	2.36	30	
Surrogate: a,a,a-Trifluorotoluene	*52.6*		*ug/L*	*50*		*105*	*70-130*			
Duplicate (B6F0823-DUP1)		**Source: 6F07029-01**		Prepared & Analyzed: 06/08/16						
GRO as Hexane	**237**	20	ug/L		236			0.322	30	
Surrogate: a,a,a-Trifluorotoluene	*48.1*		*ug/L*	*50*		*96.2*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5331842
Project No:	04-NDLA-013	**Date Received:**	06/07/16
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/16/16

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

125255

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

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

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	AA #	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	6F07029-01	6-6-16	1506	Air	1	✓	✓	✓	
Effluent	-02	6-6-16	1459	Air	1	✓	✓	✓	

PRIORITY ✓ SH
Rush 24 48 72 5 10 Sign
Date 6/7/16 Time 1030

'16 JUN 7 14:1

AS331842/6F07029

Relinquished by	Date	Time	Received by
Glenn Androsko	6-7-16	1035	
	6/7/16	1411	
	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.