DEFENSE LOGISTICS AGENCY
INSTALLATION SUPPORT FOR ENERGY
8725 JOHN J. KINGMAN ROAD
FT BELVOIR VIRGINIA 22060-6221

May 10, 2017

Mr. Paul Cho
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

Dear Mr. Cho:

Enclosed is one electronic copy of the Remediation Status Report, First Quarter 2017, for Defense Fuel Support Point Norwalk (SCP NO. 0286A, SITE ID NO. 16638) located at 15306 Norwalk Boulevard, Norwalk, California. This report presents remedial system operational data and mass removal calculations for the first quarter of 2017.

If you have any questions or need additional information concerning this document, please contact Ms. Carol Devier-Heeney at (703) 767-9813 or carol.devier-heeney@dla.mil.

Sincerely,

POTTER.WILLIAM.Y.1394566272 Digitally signed by POTTER.WILLIAM.Y.1394566272 Date: 2017.05.10 13:00:40 -04'00'

William Y. Potter
Chief, Restoration Branch

Enclosure
As stated

cc:
Carol Devier-Heeney, DLA
Mike Wood, Senior Engineer, The Source Group, Inc.

REMEDIATION STATUS REPORT - FIRST QUARTER 2017

DEFENSE FUEL SUPPORT POINT NORWALK
15306 Norwalk Boulevard
Norwalk, California

091-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
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Prepared By:

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May 12, 2017

Prepared By:

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Reviewed By:

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

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DLA	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), 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. Various remediation technologies have been implemented at the Site to treat the hydrocarbon impacts in soil and groundwater. The purposes of these technologies 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 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

Remediation technologies utilized at the Site include soil vapor extraction (SVE), groundwater extraction (GWE), biosparging, and light non-aqueous phase liquid (LNAPL) removal via manual bailing, vacuum truck, passive skimming, active pumping using a portable skimming pump and absorbent socks. The aboveground treatment of contaminated vadose zone soils excavated at the Site was also conducted from April 2015 until March 2017, and an automated product recovery system was most recently brought online (startup occurred on August 8, 2016) following the completion of installation and permitting work during July 2016. A summary of Site remediation wells, including well identification, well construction information, well function, and operational status, is presented in Table 1. The soil and groundwater 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 above ground storage tank (AST) basin 80001 (VEW-23), former AST basins 80006 and 80007 (VEW-20, VEW-21, VEW-

22, HW-1, and HW-3), former AST basin 80008 (VEW-24, VEW-25, VEW-26, VEW-27, HW-5, and HW-7), former AST basin 55004 (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 in the following section.

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 additionally allow for aboveground soil treatment activities at the site which were completed during the current reporting period (see Section 1.2.5 for further details). 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 into a shared surge tank. Groundwater is transferred via a 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 former tank farm and eastern boundary of the Site. The biosparge system is currently off-line due to soil cleanup activities that were just recently completed. The resumption of biosparge system operations on an expanded basis is anticipated to commence during the next reporting period.

1.2.4 LNAPL Removal

LNAPL wells are gauged periodically and product removal is conducted based on the measured LNAPL thickness in each target well. LNAPL removal wells are identified in Sections 3.3 and 3.4, and Tables 8a through 8n.

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 was just recently completed during March 2017 following a final phase of limited additional cross-trenching and excavation work. Treatment was achieved via the construction of soil biopiles that were connected to the SVE system for SCAQMD permit compliance purposes. From January 2015 through March 2017, a total estimated volume of 67,574 cubic yards of petroleum hydrocarbon contaminated soil was excavated at the Site to depths up to 35 feet below grade surface. The goal of this remediation was to cleanup source area soils that contributed to the degradation of groundwater, and 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;
- Monitored aboveground soil treatment piles; and
- Regularly gauged wells connected to the product recovery system and adjusted pump cycle durations and frequencies accordingly to optimize LNAPL removal.

Remediation system inspections were performed on a minimum weekly basis during operation. For these inspections, vapor flow rate, vacuum, volumes of extracted groundwater and product, hours of operation, and other system parameters were recorded during system operation.

2.1 Soil Vapor Extraction System

The VES operated throughout the majority of the reporting period except for some brief to several day off-line periods in mid-January, early February, and early and late March 2017 to conduct carbon change out work and/or system maintenance activities. System OM&M details and performance results for the reporting period are summarized in Tables 3a, 3b and 3c.

Compliance and/or performance soil vapor samples from the VES were collected during the reporting period on January 9, February 6, and March 15 and 27, 2017. The additional late March 2017 sample was collected following the completion of aboveground soil treatment activities on March 20, 2017 to provide for analytical data of the optimized system (i.e., since extraction efforts could again be focused on maximizing mass removal rather than remediating soil biopiles). 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 also operated throughout the majority of the reporting period except for some brief to several day off-line periods to conduct media change out work and/or system maintenance activities. System OM&M details and performance results for the reporting period are summarized in Tables 2a, 2b and 2c.

Performance and compliance water samples from the GWETS were collected during the reporting period on January 9 and 23, February 1 and 6, and March 15 and 31, 2017. 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 Method 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 Method 420.1;
- Biological oxygen demand (BOD) using SM 5210 B; and
- Acute toxicity using EPA Method 2000.0.

The GWETS effluent groundwater sampling results were provided under separate cover in SGI's *Groundwater Discharge Monitoring Report,* dated April 14, 2017. 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 Via Bailing, Skimming and Absorbent Socks

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 portable product skimmer and by utilizing absorbent socks installed in select wells. Mass and volume removal estimates using these techniques are summarized in Tables 8a through 8h along with associated LNAPL gauging results.

2.4 Product Recovery System

The permitting and installation of the product recovery system was completed on August 8, 2016 at which time full-scale operations commenced. Product recovery system OM&M continued through the current reporting period. Details associated with the OM&M of the automated system are provided in Tables 8h through 8n.

2.5 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 until March 20, 2017 when all of the remaining treatment cells were disconnected. 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 will be provided in SGI's forthcoming Quarter 1, 2017 *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 all four horizontal wells that span through the entire former tank farm area (HW-1, HW-3, HW-5 and HW-7), and ex-situ biopiles from recently completed vadose zone soil excavation and treatment activities. During the majority of the reporting period, the horizontal well valves were set to limit flow and allow for focused extraction from the biopliles in an effort to complete the ex-situ treatment of the remaining constructed cells. Treatment of the cells was completed on March 20, 2017. Following completion of the treatment of the biopiles, all of the remaining treatment cells were disconnected from the VES. The VES was subsequently optimized by setting the horizontal well valves in accordance with recent field readings and/or lab data. 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 period (First Quarter 2017) was approximately 1,722 pounds, and an estimated 2,951,805 pounds have been removed 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 467,663 gallons, and an estimated 76,311,910 gallons have been extracted since April 1996. Based on the TPHd results for influent water samples and total groundwater extracted, the mass of TPHd removed by GWE this period (First Quarter 2017) was approximately 0.6 pounds (Table 2c), and an estimated 9,944 pounds have been removed since April 1996 (Table 2c).

3.3 LNAPL Removal Via Bailing, Skimming and Absorbent Socks

During the reporting period (First Quarter 2017), DTW and DTP was measured in well GMW-62 located off site in Holifield Park, and wells GMW-7, GMW-18, GMW-68, PZ-3, TF-15, TF-16, TF-18 and TF-19, and recently installed wells RTF-18-N, RTF-18-E, RTF-18-W, RTF-18-NW and RTF-18-NNW (all installed in the vicinity of existing well TF-18 to enhance LNAPL removal in that area). As detailed in the following section (Section 3.4), these recently installed wells were all connected to an automated product recovery system along with well TF-18 during August 2016 (well TF-16 was most recently connected to this system during March 2017). For the remaining listed wells (and TF-16 through February 2017), LNAPL was removed via manual bailing, active pumping using a portable product skimmer and/or by utilizing absorbent socks installed in select wells. Approximately 53

gallons (363 pounds) of LNAPL was recovered from the Site this period (Tables 8a through 8h) via these techniques.

3.4 Product Recovery System

The product recovery system began operating on August 8, 2016 following the completion of permitting and installation work. The system consists of four pneumatically activated product removal pumps deployed in key wells located in the north-central portion of the Site. The pumped product is routed to an AST located within the existing treatment compound via double contained conveyance piping for subsequent off-site removal by a licensed transport, recycling and disposal company.

During the current reporting period (First Quarter 2017), a total of approximately 791 gallons (5,413 pounds) of LNAPL was pumped from wells TF-16 (since March 2017), TF-18, RTF-18-E., RTF-18-NW and RTF-18-NNW. Over 80% of this volume was removed from wells TF-18 and RTF-18-NW with wells TF-16 and RTF-18-E accounting for nearly all of the remaining product removed by the system this period. Mass and volume removal estimates from these wells along with LNAPL gauging results are summarized in Tables 8h through 8n.

When combined with the product recovery estimate from the preceding section (Section 3.3), a total of approximately 844 gallons (5,776 pounds) of LNAPL was removed from the Site during First Quarter 2017, and an estimated 5,967 gallons (40,831 pounds) of LNAPL has been removed since January 2014. The advent of product recovery system operations since August 2016 has thus resulted in the successful removal of over 85% of all the LNAPL recovered from the Site over the last three years.

The waste manifest associated with the product that was removed from storage drums and/or the above ground storage tank this period is provided as Appendix B.

3.5 Aboveground Soil Treatment

A total of three new soil biopiles were brought online during the reporting period and all three biopiles were taken off-line on March 20, 2017 based on confirmation of treatment to below the SCAQMD permit required limit for active SVE. This final group of biopiles resulted from limited additional cross-trenching and excavation activities in select areas of the Site. Following the completion of biological treatment determined via soil sampling, these remaining soil piles were disconnected, properly backfilled and compacted at the Site after obtaining LARWQCB approval to proceed.

4.0 SYSTEM EVALUATION AND OPTIMIZATION

Remedial system optimization activities are ongoing at the Site to help ensure effective cleanup operations. For the VES, vapor-phase VOC concentrations from the horizontal wells (i.e., HW-1, HW-3, HW-5 and HW-7) remained relatively stable this quarter. Extraction from these wells was again restricted from the beginning of this reporting period until the aboveground soil treatment project was completed on March 20, 2017. The VES was subsequently optimized since extraction efforts no longer needed to be focused on the soil biopiles. Optimization measures included fully opening well HW-3, partially opening wells HW-1 and HW-5, and slightly opening well HW-7 based on field readings (Table 6) and lab data (Table 7). Vertical wells VEW-32 through VEW-37 were again left off-line this period based on continued low/asymptotic field readings (Table 6).

Ex-situ biopile VOC concentrations during this final phase of the aboveground soil treatment project again exhibited overall asymptotic/low levels throughout the reporting period with no dilution air being required to balance the system since late December 2015. This is due to the low number of new biopiles that were brought online this period and the fact that these piles resulted from limited additional cross-trenching and excavation activities in select areas of the Site (i.e., final polishing step of remediation project). As indicated on Tables 3a through 3c, individual well and biopile vapor concentrations were measured with an organic vapor analyzer (OVA) as part of system performance monitoring.

It is anticipated that the VES will be expanded during the next reporting period in conjunction with the planned resumption of biosparge system operations which is also slated for expansion. Details associated with these expanded systems will be provided in a forthcoming document. In the meantime, SGI will continue to monitor individual well influent vapor concentrations, and modify which wells 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 along with full-scale OM&M of the product recovery system which began operating during the prior reporting period. The four pneumatically activated product removal pumps associated with this system are rotated to other key wells in the north-central portion of the Site based on current performance and gauging data. Subsequent adjustments to the associated extraction frequency and duration of each pump are then made in an effort to maximize LNAPL yields without isolating a given well from the product plume. Future adjustments will also be made on the basis of ongoing

bail down testing which is conducted to establishing current transmissivity values for correlating apparent to actual product thicknesses. Such testing will continue to be conducted on a regular basis since yields have recently declined to the point where little to no recovery is occurring from all of the pumping wells. Future pilot testing is also planned in accordance with SGI's *TF-18 Area LNAPL Recovery Report and Interim Work Plan,* dated January 18, 2017. The test results will be provided in a forthcoming document and utilized to evaluate the feasibility of system expansion and/or enhanced product recovery with the goal of achieving LNAPL removal to the maximum extent practicable.

5.0 PLANNED SECOND QUARTER 2017 ACTIVITIES

During the next reporting period, DLA plans to continue to focus in-situ remedial efforts on the northwest, northeast, and north-central areas of the Site along with resuming biosparge system operations on an expanded basis. Following is a summary of planned Second Quarter 2017 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 GWM-7, GMW-18, GWM-62 (located off site in Holifield Park), GMW-68, PZ-3, TF-15, TF-16 and TF-19 along with 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;
- Continue controlled product recovery system OM&M from wells TF-16, TF-18, RTF-18-N, RTF-18-E, RTF-18-W, RTF-18-NW and/or RTF-18-NNW, located in the north-central portion of the Site, with focused efforts in wells where LNAPL yields are the most significant;
- Collect and analyze SVE and GWE system influent and effluent vapor and groundwater samples;
- Continue to evaluate GWE flow rates and confirm contaminant containment;
- Prepare and submit an updated LNAPL Conceptual Site Model with planned expanded biosparge system and VES details;
- Complete all soil stockpile backfilling and ex-situ treatment equipment/appurtenances dismantling work as part of the last phase of project decommissioning;
- Prepare and submit a final report documenting the activities and results associated with the recently completed aboveground soil treatment project; and
- Conduct enhanced LNAPL recovery testing in accordance with SGI's *TF-18 Area LNAPL Recovery Report and Interim Work Plan,* dated January 18, 2017, upon LARWQCB approval to proceed.

Ongoing remediation activities and progress will be described in the *Second Quarter 2017 Remediation Progress Report* to be submitted by August 15, 2017.

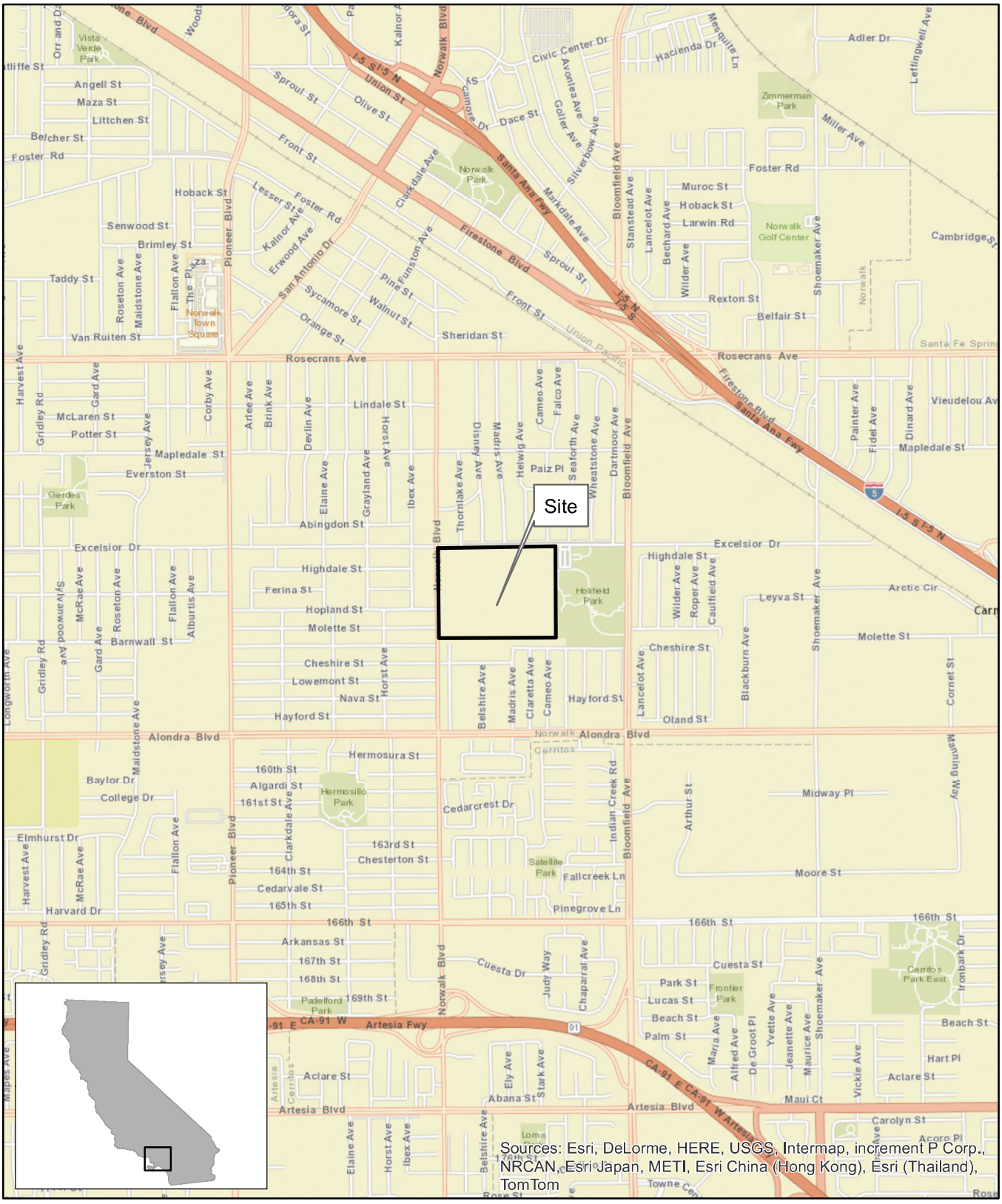
6.0 LIMITATIONS

This document was prepared for the exclusive use of the Defense Logistics Agency Installation Support for Energy (DLA) 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 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.

To the extent that this report is based on information provided to SGI by third parties, including DLA, 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 and LARWQCB personnel in applying their own professional judgment in making decisions related to the property. SGI cannot provide conclusions on environmental conditions outside the completed scope of work. SGI cannot guarantee that future conditions will not change and affect the validity of the presented conclusions and recommended work. No warranty or guarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, conclusions, and recommendations.

FIGURES



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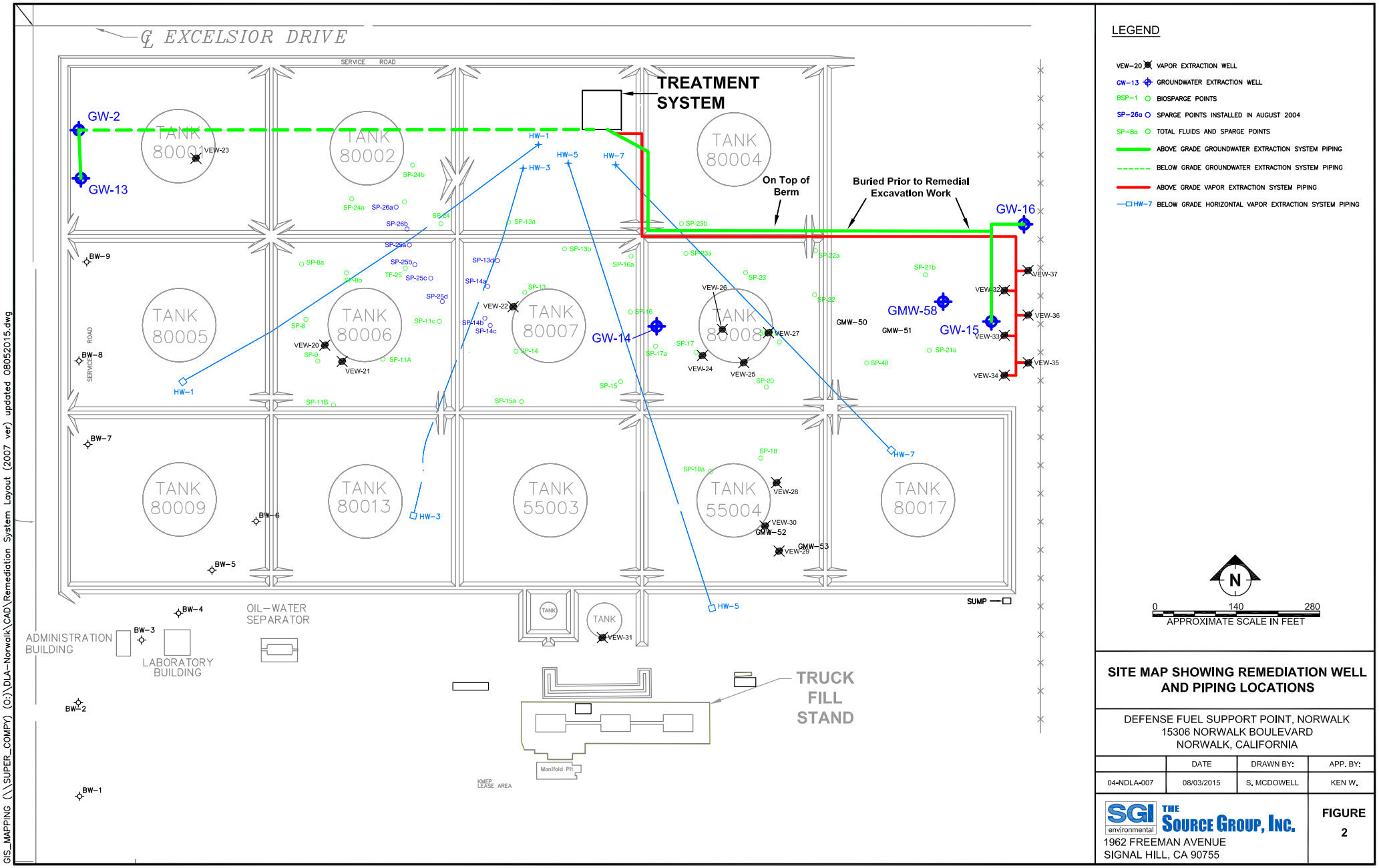
1962 FREEMAN AVENUE
SIGNAL HILL, CA 90755
(562) 597-1055

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 - January

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from 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)
01/01/17	*		86,978	4,002,220	2,219,019	7,819,255	10,038,274	4,089,198	75,849,280	--	9,944
01/02/17	*		87,818	4,002,675	2,221,967	7,820,948	10,042,915	4,090,493	75,854,312	--	9,944
01/03/17	*		88,658	4,003,130	2,224,915	7,822,641	10,047,556	4,091,788	75,859,345	--	9,944
01/04/17	*		89,498	4,003,585	2,227,862	7,824,334	10,052,196	4,093,083	75,864,377	--	9,944
01/05/17	Technician		90,574	4,004,168	2,231,639	7,826,503	10,058,142	4,094,742	75,870,825	--	9,944
01/06/17	*		92,024	4,005,090	2,235,666	7,829,779	10,065,445	4,097,113	75,878,794	--	9,944
01/07/17	*		93,473	4,006,012	2,239,693	7,833,055	10,072,748	4,099,485	75,886,763	--	9,944
01/08/17	*		94,923	4,006,933	2,243,721	7,836,331	10,080,052	4,101,856	75,894,731	--	9,944
01/09/17	Technician	1,2	95,995	4,007,615	2,246,699	7,838,754	10,085,453	4,103,610	75,900,625	150	9,944
01/10/17	*		97,279	4,008,836	2,249,802	7,841,909	10,091,711	4,106,115	75,907,762	--	9,944
01/11/17	*		98,563	4,010,057	2,252,904	7,845,064	10,097,968	4,108,620	75,914,899	--	9,944
01/12/17	*		99,847	4,011,278	2,256,007	7,848,219	10,104,226	4,111,125	75,922,036	--	9,944
01/13/17	Technician		101,399	4,012,753	2,259,756	7,852,031	10,111,787	4,114,152	75,930,660	--	9,944
01/14/17	*		102,909	4,014,378	2,261,907	7,855,443	10,117,349	4,117,287	75,937,749	--	9,944
01/15/17	*		104,418	4,016,004	2,264,057	7,858,855	10,122,912	4,120,422	75,944,837	--	9,944
01/16/17	*		105,928	4,017,629	2,266,208	7,862,267	10,128,474	4,123,557	75,951,926	--	9,944
01/17/17	Technician	3	107,359	4,019,170	2,268,246	7,865,501	10,133,747	4,126,529	75,958,645	--	9,944
01/18/17	Off line		107,359	4,019,170	2,268,246	7,865,501	10,133,747	4,126,529	75,958,645	--	9,944
01/19/17	Off line		107,359	4,019,170	2,268,246	7,865,501	10,133,747	4,126,529	75,958,645	--	9,944
01/20/17	Off line		107,359	4,019,170	2,268,246	7,865,501	10,133,747	4,126,529	75,958,645	--	9,944
01/21/17	Off line		107,359	4,019,170	2,268,246	7,865,501	10,133,747	4,126,529	75,958,645	--	9,944
01/22/17	Off line		107,359	4,019,170	2,268,246	7,865,501	10,133,747	4,126,529	75,958,645	--	9,944
01/23/17	Technician	4,5	107,359	4,019,170	2,268,246	7,865,501	10,133,747	4,126,529	75,958,645	--	9,944
01/24/17	*		108,582	4,020,031	2,270,525	7,867,871	10,138,396	4,128,613	75,963,705	--	9,944
01/25/17	*		109,805	4,020,892	2,272,803	7,870,241	10,143,044	4,130,697	75,968,766	--	9,944
01/26/17	*		111,027	4,021,753	2,275,082	7,872,611	10,147,693	4,132,780	75,973,826	--	9,944
01/27/17	*		112,250	4,022,614	2,277,361	7,874,981	10,152,342	4,134,864	75,978,887	--	9,944
01/28/17	*		113,473	4,023,475	2,279,639	7,877,351	10,156,990	4,136,948	75,983,947	--	9,944
01/29/17	*		114,696	4,024,336	2,281,918	7,879,721	10,161,639	4,139,032	75,989,007	--	9,944
01/30/17	*		115,919	4,025,197	2,284,197	7,882,091	10,166,288	4,141,115	75,994,068	--	9,944
01/31/17	*		117,141	4,026,058	2,286,475	7,884,461	10,170,936	4,143,199	75,999,128	--	9,944

Cumulative Groundwater Discharged by the GWETS to Date (gallons)							
Period	January	Quarter 1, 2017	Quarter 2, 2017	Quarter 3, 2017	Quarter 4, 2017	2017 to Date	April 1996 to Date
Volume	154,881	154,881	--	--	--	154,881	75,999,128

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	January	Quarter 1 to Date	April 1996 to Date
Mass	0.32	0.32	9,944.1

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

Legend / Notes:

1 = Collected monthly influent, intermediate, and effluent samples for laboratory analysis.
2 = Collected monthly effluent acute toxicity testing sample for laboratory analysis as part of required accelerated permit compliance monitoring.
3 = GWETS manually shut down for maintenance.
4 = GWETS restarted.
5 = Collected weekly effluent arsenic sample for laboratory analysis as part of required accelerated permit compliance 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: 01/09/17 (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 - February

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from 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)
02/01/17	Technician	1	118,309	4,026,880	2,288,651	7,886,724	10,175,375	4,145,189	76,003,960	--	9,944
02/02/17	*		119,578	4,028,077	2,291,984	7,889,423	10,181,407	4,147,655	76,011,971	--	9,944
02/03/17	*		120,846	4,029,274	2,295,317	7,892,123	10,187,440	4,150,120	76,019,982	--	9,944
02/04/17	Auto Shutdown	2	122,696	4,031,020	2,300,178	7,896,059	10,196,237	4,153,716	76,031,665	--	9,944
02/05/17	Off line		122,696	4,031,020	2,300,178	7,896,059	10,196,237	4,153,716	76,031,665	--	9,944
02/06/17	Technician	3,4,5,6	122,696	4,031,020	2,300,178	7,896,059	10,196,237	4,153,716	76,031,665	110	9,944
02/07/17	Technician	6	123,900	4,032,294	2,304,281	7,898,771	10,203,052	4,156,195	76,038,839	--	9,944
02/08/17	*		125,105	4,033,569	2,308,384	7,901,484	10,209,868	4,158,673	76,046,014	--	9,944
02/09/17	Technician		126,447	4,034,989	2,312,957	7,904,507	10,217,464	4,161,436	76,054,010	--	9,944
02/10/17	*		127,650	4,036,443	2,317,000	7,907,263	10,224,262	4,164,093	76,060,663	--	9,944
02/11/17	*		128,853	4,037,897	2,321,042	7,910,019	10,231,061	4,166,749	76,067,315	--	9,944
02/12/17	*		130,055	4,039,350	2,325,085	7,912,774	10,237,859	4,169,406	76,073,968	--	9,944
02/13/17	Technician		131,258	4,040,804	2,329,127	7,915,530	10,244,657	4,172,062	76,080,620	--	9,944
02/14/17	*		132,456	4,042,288	2,334,224	7,919,052	10,253,276	4,174,743	76,088,706	--	9,944
02/15/17	*		133,653	4,043,771	2,339,321	7,922,575	10,261,895	4,177,425	76,096,793	--	9,944
02/16/17	*		134,851	4,045,255	2,344,417	7,926,097	10,270,514	4,180,106	76,104,879	--	9,944
02/17/17	Technician		135,737	4,046,352	2,348,187	7,928,702	10,276,889	4,182,089	76,110,860	--	9,944
02/18/17	*		136,901	4,048,216	2,350,341	7,932,094	10,282,434	4,185,117	76,118,039	--	9,944
02/19/17	*		138,064	4,050,081	2,352,495	7,935,485	10,287,980	4,188,145	76,125,218	--	9,944
02/20/17	*		139,228	4,051,945	2,354,648	7,938,877	10,293,525	4,191,173	76,132,397	--	9,944
02/21/17	Technician		140,695	4,054,295	2,357,363	7,943,152	10,300,515	4,194,990	76,141,445	--	9,944
02/22/17	*		141,945	4,055,670	2,362,068	7,943,220	10,305,288	4,197,615	76,148,151	--	9,944
02/23/17	*		143,196	4,057,044	2,366,773	7,943,288	10,310,061	4,200,240	76,154,857	--	9,944
02/24/17	*		144,446	4,058,419	2,371,478	7,943,356	10,314,834	4,202,865	76,161,563	--	9,944
02/25/17	*		145,697	4,059,794	2,376,184	7,943,424	10,319,608	4,205,491	76,168,269	--	9,944
02/26/17	*		146,947	4,061,168	2,380,889	7,943,492	10,324,381	4,208,116	76,174,975	--	9,944
02/27/17	Technician		148,237	4,062,586	2,385,741	7,943,562	10,329,303	4,210,823	76,181,890	--	9,944
02/28/17	*		149,495	4,063,970	2,388,908	7,947,224	10,336,132	4,213,465	76,189,062	--	9,944

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	February	Quarter 1, 2017	Quarter 2, 2017	Quarter 3, 2017	Quarter 4, 2017	2017 to Date	April 1996 to Date
Volume	189,934	344,815	--	--	--	344,815	76,189,062

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	February	Quarter 1 to Date	April 1996 to Date
Mass	0.19	0.51	9,944.3

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

Legend / Notes:

1 = Collected weekly effluent arsenic sample for laboratory analysis as part of required accelerated permit compliance monitoring.
2 = GWETS automatically shutdown due to power failure.
3 = GWETS restarted.
4 = Collected monthly process, intermediate and effluent samples for laboratory analysis.
5 = Measured residual chlorine in the field using HACH Test Kit Model CN-70.
6 = Collected final weekly effluent arsenic sample (02/06/17) and monthly effluent acute toxicity sample (02/07/17) for confirmation compliance analysis under accelerated monitoring requirements.

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: 02/06/16 (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 2c

Groundwater Extraction and Treatment System Operations Summary - March

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from 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)
03/01/17	Technician		150,684	4,065,277	2,391,900	7,950,682	10,342,582	4,215,961	76,195,836	--	9,944
03/02/17	*		152,303	4,067,131	2,395,552	7,955,139	10,350,691	4,219,434	76,204,970	--	9,944
03/03/17	*		153,923	4,068,984	2,399,203	7,959,596	10,358,799	4,222,907	76,214,103	--	9,944
03/04/17	*		155,542	4,070,838	2,402,855	7,964,053	10,366,908	4,226,380	76,223,237	--	9,944
03/05/17	*		157,162	4,072,692	2,406,507	7,968,510	10,375,017	4,229,854	76,232,371	--	9,944
03/06/17	*		158,781	4,074,545	2,410,159	7,972,967	10,383,125	4,233,327	76,241,504	--	9,944
03/07/17	*		160,401	4,076,399	2,413,810	7,977,423	10,391,234	4,236,800	76,250,638	--	9,944
03/08/17	Technician	1	161,638	4,077,815	2,416,600	7,980,828	10,397,428	4,239,453	76,257,615	--	9,944
03/09/17	Off line		161,638	4,077,815	2,416,600	7,980,828	10,397,428	4,239,453	76,257,615	--	9,944
03/10/17	Off line		161,638	4,077,815	2,416,600	7,980,828	10,397,428	4,239,453	76,257,615	--	9,944
03/11/17	Off line		161,638	4,077,815	2,416,600	7,980,828	10,397,428	4,239,453	76,257,615	--	9,944
03/12/17	Off line		161,638	4,077,815	2,416,600	7,980,828	10,397,428	4,239,453	76,257,615	--	9,944
03/13/17	Off line		161,638	4,077,815	2,416,600	7,980,828	10,397,428	4,239,453	76,257,615	--	9,944
03/14/17	Off line		161,638	4,077,815	2,416,600	7,980,828	10,397,428	4,239,453	76,257,615	--	9,944
03/15/17	Technician	2,3	161,638	4,077,815	2,416,600	7,980,828	10,397,428	4,239,453	76,257,615	68	9,944
03/16/17	*		162,803	4,078,898	2,419,270	7,983,859	10,403,128	4,241,702	76,263,749	--	9,944
03/17/17	Technician		164,066	4,080,072	2,422,162	7,987,142	10,409,304	4,244,138	76,270,395	--	9,944
03/18/17	*		164,757	4,080,663	2,423,825	7,988,654	10,412,480	4,245,419	76,273,704	--	9,944
03/19/17	*		165,448	4,081,253	2,425,489	7,990,167	10,415,655	4,246,701	76,277,012	--	9,944
03/20/17	*		166,139	4,081,844	2,427,152	7,991,679	10,418,831	4,247,982	76,280,321	--	9,944
03/21/17	*		166,830	4,082,434	2,428,815	7,993,191	10,422,006	4,249,264	76,283,630	--	9,944
03/22/17	*		167,521	4,083,025	2,430,479	7,994,703	10,425,182	4,250,545	76,286,939	--	9,944
03/23/17	*		168,212	4,083,615	2,432,142	7,996,216	10,428,358	4,251,827	76,290,247	--	9,944
03/24/17	*		168,903	4,084,206	2,433,805	7,997,728	10,431,533	4,253,108	76,293,556	--	9,944
03/25/17	*		169,594	4,084,796	2,435,468	7,999,240	10,434,709	4,254,390	76,296,865	--	9,944
03/26/17	*		170,285	4,085,387	2,437,132	8,000,753	10,437,884	4,255,671	76,300,174	--	9,944
03/27/17	Technician	4	171,062	4,086,051	2,439,003	8,002,454	10,441,457	4,257,113	76,303,896	--	9,944
03/28/17	*		172,189	4,087,297	2,439,003	8,002,454	10,441,457	4,259,486	76,305,992	--	9,944
03/29/17	*		173,316	4,088,544	2,439,003	8,002,454	10,441,457	4,261,860	76,308,089	--	9,944
03/30/17	*		174,443	4,089,790	2,439,003	8,002,454	10,441,457	4,264,233	76,310,185	--	9,944
03/31/17	Technician	5,6	175,370	4,090,816	2,439,003	8,002,454	10,441,457	4,266,186	76,311,910	--	9,944

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	March	Quarter 1, 2017	Quarter 2, 2017	Quarter 3, 2017	Quarter 4, 2017	2017 to Date	April 1996 to Date
Volume	122,848	467,663	--	--	--	467,663	76,311,910

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	March	Quarter 1 to Date	April 1996 to Date
Mass	0.09	0.60	9,944.4

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

Legend / Notes:

1 = GWETS manually shutdown for media change out work.

2 = GWETS restarted.

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

4 = GW-15 and GW-16 manually shutdown to conduct repair work.

5 = GW-15 and GW-16 restarted following completion of repair work.

6 = Collected quarterly effluent samples for laboratory analysis.

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: 03/15/17 (laboratory report attached).

-- = Not applicable

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

TABLE 3a

Soil Vapor Extraction System Operations Summary - January

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
01/01/17	*		41,951	762	--	--	--	--	--	2,950,108
01/02/17	*		41,975	762	--	--	--	--	--	2,950,132
01/03/17	*		41,999	762	--	--	--	--	--	2,950,156
01/04/17	Technician		42,023	814	3	99	--	97	0.0	2,950,181
01/05/17	*		42,047	814	--	--	--	--	--	2,950,207
01/06/17	Technician		42,071	772	4	110	--	88	0.0	2,950,231
01/07/17	*		42,095	772	--	--	--	--	--	2,950,255
01/08/17	*		42,119	772	--	--	--	--	--	2,950,280
01/09/17	Technician	1,2	42,143	759	4	100	68	86	0.0	2,950,299
01/10/17	*		42,167	759	--	--	--	--	--	2,950,318
01/11/17	*		42,191	759	--	--	--	--	--	2,950,337
01/12/17	*		42,215	759	--	--	--	--	--	2,950,356
01/13/17	Technician	1,3	42,239	798	3	106	--	95	0.0	2,950,376
01/14/17	*		42,263	798	--	--	--	--	--	2,950,396
01/15/17	*		42,287	798	--	--	--	--	--	2,950,416
01/16/17	*		42,311	798	--	--	--	--	--	2,950,437
01/17/17	Technician	3	42,335	807	3	111	--	93	0.0	2,950,457
01/18/17	Technician	1,4	42,359	794	4	100	--	113	0.0	2,950,477
01/19/17	*		42,383	794	--	--	--	--	--	2,950,497
01/20/17	Technician	5	42,402	737	3	94	--	86	0.0	2,950,505
01/21/17	Off line		42,402	NA	--	--	--	--	--	2,950,505
01/22/17	Off line		42,402	NA	--	--	--	--	--	2,950,505
01/23/17	Off line		42,402	NA	--	--	--	--	--	2,950,505
01/24/17	Technician	6	42,416	748	3	90	--	106	0.5	2,950,516
01/25/17	*		42,440	748	--	--	--	--	--	2,950,535
01/26/17	*		42,464	748	--	--	--	--	--	2,950,554
01/27/17	Technician	1	42,489	794	4	110	--	106	1.9	2,950,574
01/28/17	*		42,513	794	--	--	--	--	--	2,950,594
01/29/17	Auto Shutdown	7	42,533	794	--	--	--	--	--	2,950,611
01/30/17	Technician	6	42,547	785	4	112	--	87	3.0	2,950,623
01/31/17	*		42,571	785	--	--	--	--	--	2,950,643

Cumulative Mass TPHg Removed by the VES [D] (lb)			
Period	January	Quarter 1 to Date	April 1996 to Date
Mass	559	559	2,950,643

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

Legend / Notes:

1 = Measured individual well and/or soil biopile vapor concentrations with an OVA.
2 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.
3 = Select soil biopiles brought online and/or taken off-line.
4 = Collected individual well vapor samples for laboratory analysis.
5 = VES manually shut down for maintenance.
6 = VES restarted.
7 = VES automatically shut down due to a site-wide power outage.

Vapor extraction wells on line this month: HW-1, HW-3, HW-5, HW-7
Soil biopiles on line this month: 80001 C-SP-01, 80002 Q-SP-01 and R-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: 01/09/17 (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 Operations Summary - February

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
02/01/17	Technician	1	42,595	805	3	113	--	98	5	2,950,663
02/02/17	*		42,619	805	--	--	--	--	--	2,950,683
02/03/17	Technician	2	42,643	761	3	101	--	82	0.0	2,950,702
02/04/17	Auto Shutdown	3	42,658	761	--	--	--	--	--	2,950,714
02/05/17	Off line		42,658	NA	--	--	--	--	--	2,950,714
02/06/17	Technician	1,4,5	42,672	742	3	90	66	93	0	2,950,724
02/07/17	*		42,696	742	--	--	--	--	--	2,950,742
02/08/17	Technician	1	42,720	791	4	118	--	94	0.0	2,950,762
02/09/17	Technician		42,744	794	4	116	--	84	0.0	2,950,781
02/10/17	*		42,768	794	--	--	--	--	--	2,950,800
02/11/17	*		42,792	794	--	--	--	--	--	2,950,819
02/12/17	*		42,816	794	--	--	--	--	--	2,950,839
02/13/17	Technician	1	42,840	789	4	106	--	79	0.0	2,950,858
02/14/17	*		42,864	789	--	--	--	--	--	2,950,877
02/15/17	*		42,888	789	--	--	--	--	--	2,950,896
02/16/17	Technician	1	42,911	807	4	114	--	77	0.0	2,950,916
02/17/17	*		42,935	807	--	--	--	--	--	2,950,935
02/18/17	*		42,959	807	--	--	--	--	--	2,950,955
02/19/17	*		42,983	807	--	--	--	--	--	2,950,974
02/20/17	*		43,007	807	--	--	--	--	--	2,950,994
02/21/17	Technician	1	43,032	820	3	110	--	76	0.0	2,951,014
02/22/17	*		43,056	820	--	--	--	--	--	2,951,034
02/23/17	*		43,080	820	--	--	--	--	--	2,951,054
02/24/17	*		43,104	820	--	--	--	--	--	2,951,074
02/25/17	*		43,128	820	--	--	--	--	--	2,951,094
02/26/17	*		43,152	820	--	--	--	--	--	2,951,114
02/27/17	Technician		43,176	742	4	101	--	90	1.0	2,951,132
02/28/17	*		43,200	742	--	--	--	--	--	2,951,150

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	February	Quarter 1 to Date	April 1996 to Date
Mass	507	1,066	2,951,150

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

Legend / Notes:

1 = Measured individual well and/or soil biopile vapor concentrations with an OVA.
2 = VES temporarily off-line to conduct carbon change out work.
3 = VES automatically shut down due to a site-wide power outage.
4 = VES restarted.
5 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.

Vapor extraction wells on line this month: HW-1, HW-3, HW-5, HW-7
Soil biopiles on line this month: 80001 C-SP-01, 80002 Q-SP-01 and R-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 results for GRO (if not detected, half the detection limit is used) from sample collected on: 02/06/17 (laboratory report attached).
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

TABLE 3c

Soil Vapor Extraction System Operations Summary - March

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
03/01/17	*		43,224	742	--	--	--	--	--	2,951,168
03/02/17	Technician	1	43,248	778	4	110	--	85	2.9	2,951,186
03/03/17	*		43,272	778	--	--	--	--	--	2,951,205
03/04/17	*		43,296	778	--	--	--	--	--	2,951,224
03/05/17	*		43,320	778	--	--	--	--	--	2,951,243
03/06/17	Technician	1,2	43,335	775	--	--	--	--	--	2,951,255
03/07/17	Off line		43,335	NA	--	--	--	--	--	2,951,255
03/08/17	Technician	3	43,342	796	4	108	--	90	0.0	2,951,261
03/09/17	*		43,366	796	--	--	--	--	--	2,951,280
03/10/17	*		43,390	796	--	--	--	--	--	2,951,299
03/11/17	*		43,414	796	--	--	--	--	--	2,951,319
03/12/17	*		43,438	796	--	--	--	--	--	2,951,338
03/13/17	Technician	1	43,458	814	4	112	--	93	0.0	2,951,358
03/14/17	*		43,482	814	--	--	--	--	--	2,951,377
03/15/17	Technician	4	43,506	798	4	106	76	96	0.0	2,951,400
03/16/17	*		43,530	798	--	--	--	--	--	2,951,422
03/17/17	Technician	1	43,554	795	4	112	--	96	0.0	2,951,444
03/18/17	*		43,578	795	--	--	--	--	--	2,951,466
03/19/17	*		43,602	795	--	--	--	--	--	2,951,488
03/20/17	Technician	1,5,6	43,626	781	4	118	--	215	0	2,951,531
03/21/17	*		43,650	781	--	--	--	--	--	2,951,573
03/22/17	Technician		43,674	778	4	107	--	213	0	2,951,615
03/23/17	*		43,698	778	--	--	--	--	--	2,951,657
03/24/17	*		43,722	778	--	--	--	--	--	2,951,699
03/25/17	*		43,746	778	--	--	--	--	--	2,951,741
03/26/17	*		43,770	778	--	--	--	--	--	2,951,782
03/27/17	Technician	7	43,784	752	4	120	147	193	0.9	2,951,805
03/28/17	Off line		43,784	NA	--	--	--	--	--	2,951,805
03/29/17	Off line		43,784	NA	--	--	--	--	--	2,951,805
03/30/17	Off line		43,784	NA	--	--	--	--	--	2,951,805
03/31/17	Off line		43,784	NA	--	--	--	--	--	2,951,805

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	March	Quarter 1 to Date	April 1996 to Date
Mass	656	1,722	2,951,805

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

Legend / Notes:

1 = Measured individual well and/or soil biopile vapor concentrations with an OVA.
2 = VES manually shut down in advance of carbon change out work.
3 = VES restarted following completion of carbon change out work.
4 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.
5 = Completed ex-situ remediation project with all soil biopiles being disconnected.
6 = Well valves set to optimize system in accordance with recent field readings and/or lab data (i.e., extraction efforts no longer focused on soil biopiles following completion of ex-situ remediation project).
7 = Collected post-optimization influent sample for laboratory analysis followed by manually shutting system down for maintenance.

Vapor extraction wells on line this month: HW-1, HW-3, HW-5, HW-7
Soil biopiles on line this month: 80001 C-SP-01, 80002 Q-SP-01 and R-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 results for GRO (if not detected, half the detection limit is used) from samples collected on: 03/15/17 and 03/27/17 (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
07/06/16	6,13	HW-1, HW-3, HW-5	8015M & 8260M	49	**37**	**150**	**43**	**150**	**0.41**	**1.3**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
09/01/16	6,13	HW-1, HW-3, HW-5	8015M & 8260M	46	**18**	**75**	**21**	**75**	**0.41**	**1.3**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
10/12/16	6,13,14	HW-1, HW-3, HW-5	8015M & 8260M	43	**19**	**79**	**22**	**79**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
11/01/16	6,13	HW-1, HW-3, HW-5, HW-7	8015M & 8260M	114	**81**	**330**	**94**	**330**	**0.53**	**1.7**	**0.23**	**0.86**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
12/05/16	6,13	HW-1, HW-3, HW-5, HW-7	8015M & 8260M	96	**86**	**350**	**100**	**350**	**0.31**	**1.0**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
01/09/17	6,13	HW-1, HW-3, HW-5, HW-7	8015M & 8260M	86	**68**	**280**	**80**	**280**	**0.63**	**2.0**	**0.24**	**0.89**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
02/06/17	6,13	HW-1, HW-3, HW-5, HW-7	8015M & 8260M	93	**66**	**270**	**77**	**270**	**0.44**	**1.4**	**0.19**	**0.72**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
03/15/17	6,13	HW-1, HW-3, HW-5, HW-7	8015M & 8260M	96	**76**	**310**	**88**	**310**	**0.53**	**1.7**	**0.24**	**0.9**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<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)
03/27/17	15,16	HW-1, HW-3, HW-5, HW-7	8015M & 8260M	193	**150**	**600**	**170**	**600**	**0.91**	**2.9**	**0.42**	**1.6**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0

Legend / Notes:

Data collected prior to April 2014 not verified for completeness nor accuracy.
Influent vapor sample inadvertently not collected during August 2016.
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 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.
13 = Valves associated with vapor extraction wells HW-1, HW-3, HW-5 and/or HW-7 each set to a partially open position while leaving all other wells closed to focus extraction efforts on soil biopiles.
14 = Resumed vapor extraction from well HW-7 based on field PID readings (see Table 6 for details).
15 = Valves associated with vapor extraction wells HW-1, HW-3, HW-5 and/or HW-7 each set to optimize system in accordance with recent field readings and/or lab data since completion of ex-situ remediation project on 03/20/17.
16 = Additional sample collected for laboratory analysis after disconnecting all soil biopiles and optimizing system on 03/20/17 (i.e., with extraction efforts again focused on in-situ remediation following completion of ex-situ remediation project).

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
07/11/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**330**	<40	**4.7**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.79 J**	<0.50	<0.40	<0.30
08/01/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	<60	<40	**3.7**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
09/01/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	<60	<40	**2.7**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
10/12/16	5	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**230**	<40	**4.5**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
11/01/16	5	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**120**	**52 J**	**3.1**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
12/05/16		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**450**	**51 J**	<0.20	<0.30	<0.20	<0.40	<0.30	<7.0	**0.60 J**	<0.50	<0.40	<0.30
01/09/17		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**150**	<40	**4.4**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.58 J**	<0.50	<0.40	<0.30
02/06/17	6	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**110**	<40	**3.5**	<0.30	**0.41 J**	**0.60 J**	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
03/15/17	5	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**68 J**	<40	**4.3**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.60 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, 04/04/16, 09/26/16, 11/07/16 and 03/08/17, and restarted on 04/27/15, 05/08/15, 04/28/16, 10/12/16, 11/23/16 and 03/15/17, respectively.
6 = GWETS restarted following an automatic shut down on 02/04/17.

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	--	--	--	--	--	--	--
07/06/16	6,10	HW-1, HW-3, HW-5	480	220	340	--	--	--	--	--	--	--
08/05/16	6	HW-1, HW-3, HW-5	240	230	190	3.6	20	140	11	9.0	34	8.3
09/01/16	6,10	HW-1, HW-3, HW-5	280	260	220	--	--	--	--	--	--	--
10/20/16	4,6,10,11	HW-1, HW-3, HW-5, HW-7	200	280	240	140	32	80	9.1	7.3	30	6.4
11/01/16	6,10	HW-1, HW-3, HW-5, HW-7	160	260	180	120	--	--	--	--	--	--
12/05/16	4,6,10	HW-1, HW-3, HW-5, HW-7	120	240	200	100	20	60	17	8.8	20	7.1
01/09/17	6,10	HW-1, HW-3, HW-5, HW-7	80	200	180	17	--	--	--	--	--	--
02/06/17	4,6,10	HW-1, HW-3, HW-5, HW-7	100	180	160	13	12	45	11	6.1	14	5.4
03/20/17	12	HW-1, HW-3, HW-5, HW-7	110	160	120	12	--	--	--	--	--	--

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).
10 = Valved down vapor extraction wells HW-1, HW-3 and/or HW-5 while leaving all other wells closed to focus extraction efforts on soil biopiles.
11 = Opened vapor extraction well HW-7 based on field OVA reading.
12 = Ex-situ remediation project completed/all soil biopiles disconnected and well valves subsequently set to optimize system in accordance with recent field OVA readings and/or lab data.

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
	01/18/17	2		80	**88**	**310**	**0.59**	**1.9**	**0.18**	**0.67**	<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
	08/08/16			230	**170**	**710**	**2.0**	**6.5**	**0.56**	**2.1**	<0.12	<0.50	<0.12	<0.50	**0.32**	**1.4**	<0.55	<2.0
	01/18/17	2		200	**110**	**370**	**2.0**	**6.5**	**0.82**	**3.1**	**0.12**	**0.52**	**0.12**	**0.51**	**0.35**	**1.5**	<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
	08/08/16			190	**120**	**480**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	01/18/17	2		180	**85**	**300**	**0.34**	**1.1**	<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
	01/18/17	2		17	**8.5**	**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

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-36	07/09/14	1	8015M & 8260M	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
VEW-37	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			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).

2 = Field OVA reading from 01/09/17.

TABLE 8a
Summary of LNAPL Removal in Well GMW-7 - 1st Quarter 2017
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)
01/18/17	--	34.77	--	0.0	20.0	23.4	23.3	159.7
02/01/17	--	34.42	--	0.0	20.0	23.4	23.5	161.0
02/15/17	--	34.39	--	0.0	36.0	42.1	23.9	163.2
03/01/17	--	34.06	--	0.0	28.0	32.7	24.1	165.0
03/08/17	--	34.12	--	0.0	36.0	42.1	24.4	167.2
03/15/17	--	34.74	--	0.0	36.0	42.1	24.8	169.5
03/22/17	--	34.79	--	0.0	36.0	42.1	25.1	171.7
03/29/17	--	34.66	--	0.0	36.0	42.1	25.4	174.0

Cumulative for the Reporting Period:	**0.0**	**248.0**	**289.9**	**2.3**	**15.5**
Cumulative Beginning December 2014 [A]:	**8.0**	**1908.0**	**2,230.3**	**25.4**	**174.0**

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 8b
Summary of LNAPL Removal in Well GMW-18 - 1st Quarter 2017
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)
03/08/17	32.86	33.44	0.58	0.8	No Sock in Well	No Sock in Well	0.8	5.1
03/15/17	33.02	33.15	0.13	0.0	52.0	60.8	1.2	8.4
03/22/17	33.02	33.08	0.06	0.0	60.0	70.1	1.8	12.1
03/29/17	32.94	32.98	0.04	0.0	64.0	74.8	2.4	16.1

Cumulative for the Reporting Period:	**0.8**	**176.0**	**205.7**	**2.4**	**16.1**
Cumulative Beginning March 2017 [A]:	**0.8**	**176.0**	**205.7**	**2.4**	**16.1**

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 March 2017. LNAPL removed prior to March 2017 can be found in previously submitted Remediation Progress Reports.

TABLE 8c
Summary of LNAPL Removal in Well GMW-62 - 1st Quarter 2017
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)
01/11/17	--	35.23	--	0.0	20.0	23.4	129.7	887.7
01/18/17	--	35.11	--	0.0	20.0	23.4	129.9	888.9
01/25/17	--	35.18	--	0.0	28.0	32.7	130.2	890.7
02/01/17	--	35.06	--	0.0	24.0	28.1	130.4	892.2
02/08/17	--	35.02	--	0.0	20.0	23.4	130.6	893.4
02/15/17	--	35.05	--	0.0	28.0	32.7	130.8	895.2
02/22/17	--	34.77	--	0.0	20.0	23.4	131.0	896.4
03/01/17	--	34.80	--	0.0	32.0	37.4	131.3	898.4
03/08/17	--	34.57	--	0.0	44.0	51.4	131.7	901.2
03/15/17	--	34.41	--	0.0	44.0	51.4	132.1	903.9
03/22/17	--	34.26	--	0.0	36.0	42.1	132.4	906.2
03/29/17	--	34.24	--	0.0	52.0	60.8	132.9	909.4

Cumulative for the Reporting Period:	**0.0**	**368.0**	**430.2**	**3.4**	**23.0**
Cumulative Beginning January 2014 [A]:	**112.0**	**2,288.0**	**2,674.4**	**132.9**	**909.4**

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 8d
Summary of LNAPL Removal in Well GMW-68 - 1st Quarter 2017
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)
01/11/17	--	34.33	--	0.0	60.0	70.1	9.3	63.7
01/18/17	--	34.21	--	0.0	60.0	70.1	9.9	67.4
01/25/17	--	34.21	--	0.0	60.0	70.1	10.4	71.2
02/01/17	--	34.06	--	0.0	60.0	70.1	11.0	74.9
02/08/17	--	34.07	--	0.0	60.0	70.1	11.5	78.7
02/15/17	--	34.07	--	0.0	60.0	70.1	12.0	82.4
02/22/17	--	33.79	--	0.0	60.0	70.1	12.6	86.2
03/01/17	33.77	33.80	0.03	0.0	60.0	70.1	13.1	89.9
03/08/17	33.44	33.69	0.25	0.0	60.0	70.1	13.7	93.7
03/15/17	33.21	33.93	0.72	0.0	64.0	74.8	14.3	97.7
03/22/17	33.11	34.06	0.95	0.5	64.0	74.8	15.4	105.1
03/29/17	32.73	34.19	1.46	2.0	No Sock in Well	No Sock in Well	17.4	118.8

Cumulative for the Reporting Period:	**2.5**	**668.0**	**780.8**	**8.1**	**55.1**
Cumulative Beginning October 2016 [A]:	**6.0**	**1,304.0**	**1,524.2**	**17.4**	**118.8**

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 October 2016 following installation of well during July 2015 (no measureable product from July 2015 through February 2017).

TABLE 8e
Summary of LNAPL Removal in PZ-3 - 1st Quarter 2017
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)
01/11/17	34.52	36.36	1.84	0.50	No Sock in Well	NA	5.1	34.8
01/18/17	34.47	34.97	0.50	0.50	No Sock in Well	NA	5.6	38.2
01/25/17	34.52	36.06	1.54	0.50	No Sock in Well	NA	6.1	41.6
02/01/17	34.37	35.07	0.70	0.25	No Sock in Well	NA	6.3	43.3
02/08/17	34.37	34.89	0.52	0.25	No Sock in Well	NA	6.6	45.0
Cumulative for the Reporting Period:				**2.0**	**0.0**	**0.0**	**2.0**	**13.7**
Cumulative Beginning January 2014 [A]:				**6.0**	**63.5**	**74.2**	**6.6**	**45.0**

Legend / Notes:

LNAPL = Light non-aqueous phase liquids

feet btc = Feet below top of casing

Sock = LNAPL absorbent sock (approximately 18" long with 1" diameter)

-- = Not applicable

NM = Not measured, sock redeployed in well due to minimal LNAPL on the sock

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

TABLE 8f
Summary of LNAPL Removal in Well TF-15 - 1st Quarter 2017
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)
01/11/17	32.94	36.01	3.07	4.0	No Sock in Well	NA	31.6	216.1
01/18/17	32.91	35.93	3.02	4.0	No Sock in Well	NA	35.6	243.5
01/25/17	32.84	35.68	2.84	3.5	No Sock in Well	NA	39.1	267.4
02/01/17	32.63	35.02	2.39	3.0	No Sock in Well	NA	42.1	287.9
02/08/17	32.61	34.67	2.06	2.8	No Sock in Well	NA	44.8	306.8
02/15/17	32.45	34.28	1.83	2.5	No Sock in Well	NA	47.3	323.9
02/22/17	32.35	33.78	1.43	2.5	No Sock in Well	NA	49.8	341.0
03/01/17	32.40	32.90	0.50	1.8	No Sock in Well	NA	51.6	352.9
03/15/17	--	32.45	0.00	0.0	52.0	60.8	52.1	356.2
03/22/17	--	32.42	0.00	0.0	36.0	42.1	52.4	358.4
03/29/17	--	32.34	0.00	0.0	36.0	42.1	52.7	360.7

Cumulative for the Reporting Period:	**24.0**	**124.0**	**144.9**	**25.1**	**172.0**
Cumulative Beginning October 2016 [A]:	**49.8**	**324.0**	**378.7**	**52.7**	**360.7**

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 October 2016. No LNAPL removed previously during 2016 or throughout 2015 due to ongoing excavaton project inadvertently resulting in burial of well head which was located during October 2016. LNAPL removed prior to well head being buried can be found in previously submitted Remediation Progress Reports.

TABLE 8g
Summary of LNAPL Removal in Well TF-19 - 1st Quarter 2017
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)
01/11/17	--	33.55	--	0.0	20.0	23.4	23.5	160.7
01/18/17	33.45	33.47	0.02	0.0	20.0	23.4	23.7	161.9
01/25/17	--	33.30	--	0.0	20.0	23.4	23.8	163.2
02/01/17	--	33.15	--	0.0	40.0	46.8	24.2	165.7
02/08/17	32.96	33.02	0.06	0.0	52.0	60.8	24.7	168.9
02/15/17	32.84	33.08	0.24	0.0	52.0	60.8	25.2	172.2
02/22/17	32.73	32.82	0.09	0.0	60.0	70.1	25.7	175.9
03/01/17	32.60	32.62	0.02	0.0	60.0	70.1	26.3	179.7
03/08/17	--	32.48	--	0.0	52.0	60.8	26.7	182.9
03/15/17	--	32.21	--	0.0	36.0	42.1	27.1	185.2
03/22/17	--	32.17	--	0.0	28.0	32.7	27.3	186.9
03/29/17	--	32.10	--	0.0	20.0	23.4	27.5	188.2

Cumulative for the Reporting Period:	**0.0**	**460.0**	**537.7**	**4.2**	**28.7**
Cumulative Beginning June 2015 [A]:	**6.8**	**2,272.0**	**2,655.7**	**27.5**	**188.2**

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 June 2015 (no measureable product from January 2014 to May 2015). LNAPL removed prior to January 2014 can be found in previously submitted Remediation Progress Reports.

TABLE 8h
Summary of LNAPL Removal in Well TF-16 - 1st Quarter 2017
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)
01/11/17	--	35.21	0.00	0.0	44	51.4	4.2	28.7
01/18/17	--	34.94	0.00	0.0	36	42.1	4.5	30.9
01/25/17	--	35.04	0.00	0.0	36	42.1	4.8	33.2
02/01/17	--	34.88	0.00	0.0	56	65.5	5.4	36.7
02/08/17	34.77	34.82	0.05	0.0	68	79.5	6.0	40.9
02/15/17	34.47	34.95	0.48	0.5	68	79.5	7.1	48.6
02/22/17	34.29	35.12	0.83	0.8	68	79.5	8.5	58.0
02/27/16	33.64	34.72	1.08	1.0	No Sock in Well	0.0	9.5	64.8
03/08/17	33.52	34.62	1.10	23.0	No Sock in Well	0.0	32.5	222.2
03/15/17	33.43	34.18	0.75	8.0	No Sock in Well	0.0	40.5	277.0
03/22/17	33.44	33.97	0.53	8.0	No Sock in Well	0.0	48.5	331.7
03/31/17	--	--	0.00	5.0	No Sock in Well	0.0	53.5	365.9
Cumulative for the Reporting Period:				**46.3**	**376.0**	**439.5**	**49.7**	**340.0**
Cumulative Beginning October 2016 [A]:				**48.3**	**572.0**	**668.6**	**53.5**	**365.9**

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 October 2016. No LNAPL removed previously during 2016 or throughout 2015 due to ongoing excavaton project inadvertently resulting in burial of well head which was located during October 2016. LNAPL removed prior to well head being buried can be found in previously submitted Remediation Progress Reports.

B = Well hooked up to product recovery system on March 3, 2017 (i.e., all LNAPL removed subsequent to this date achieved via pumping).

TABLE 8i
Summary of LNAPL Removal in Well TF-18 - 1st Quarter 2017
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)
01/09/17	32.07	34.39	2.32	125.0	0.0	0.0	1,875.0	12,831.0
02/08/17	--	31.92	0.00	90.0	0.0	0.0	1,965.0	13,446.8

Cumulative for the Reporting Period:	**215.0**	**0.0**	**0.0**	**215.0**	**1,471.3**
Cumulative Beginning January 2014 - July 2016 [A]:	**266.1**	**4,916.0**	**5,746.3**	**311.0**	**2,128.1**
Cumulative Beginning August 2016 - March 2017 [B]:	**1,654.0**	**0.0**	**0.0**	**1,654.0**	**11,318.7**
Cumulative Beginning January 2014 [A]:	**1,920.1**	**4,916.0**	**5,746.3**	**1,965.0**	**13,446.8**

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 prior to January 2014 can be found in previously submitted Remediation Progress Reports.

B = Cumulative LNAPL removed from a pneumatically controlled skimmer installed as part of a product recovery system that started operating on August 8, 2016 (system includes a total of four skimmers with skimming initially isolated to well TF-18).

* = Product recovery system off-line from January 9-27, 2017 due to full storage tank, and well TF-18 resumed operating after tank was emptied until February 8, 2017 when skimmer was manually shutdown to allow for LNAPL recovery which has yet to occur (i.e., thickness less than 0.1 foot through March 2017).

TABLE 8j
Summary of LNAPL Removal in Well RTF-18-N - 1st Quarter 2017
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)
--	No Pumping/Skimming from Product Recovery System Well During 1st Quarter 2017							

Cumulative for the Reporting Period:	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Cumulative Beginning April 2016 - July 2016 [A]:	**47.5**	**0.0**	**0.0**	**47.5**	**325.1**
Cumulative Beginning August 2016 - March 2017 [B]:	**265.0**	**0.0**	**0.0**	**265.0**	**1,813.5**
Cumulative Beginning April 2016 [A]:	**312.5**	**0.0**	**0.0**	**312.5**	**2,138.5**

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 April 2016 following installation of well during December 2015.

B = Cumulative LNAPL removed from a pneumatically controlled skimmer installed as part of a product recovery system that started operating on August 8, 2016 (system includes a total of four skimmers with skimming from well RTF-18-N initiated on August 11, 2016).

* = Well RTF-18-N has been off-line since September 14, 2016 to allow for LNAPL recovery which has yet to occur (i.e., thickness continued to decrease through March 2017).

TABLE 8k
Summary of LNAPL Removal in Well RTF-18-E - 1st Quarter 2017
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)
01/09/17	32.61	34.53	1.92	70.0	0.0	0.0	570.5	3,904.1
02/15/17	32.07	33.05	0.98	25.0	0.0	0.0	595.5	4,075.1

Cumulative for the Reporting Period:	**95.0**	**0.0**	**0.0**	**95.0**	**650.1**
Cumulative Beginning May 2016 - July 2016 [A]:	**47.5**	**0.0**	**0.0**	**47.5**	**325.1**
Cumulative Beginning August 2016 - March 2017 [B]:	**548.0**	**0.0**	**0.0**	**548.0**	**3,750.1**
Cumulative Beginning May 2016 [A]:	**595.5**	**0.0**	**0.0**	**595.5**	**4,075.1**

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.

B = Cumulative LNAPL removed from a pneumatically controlled skimmer installed as part of a product recovery system that started operating on August 8, 2016 (system includes a total of four skimmers with skimming from well RTF-18-E initiated on August 11, 2016).

* = Product recovery system off-line from January 9-27, 2017 due to full storage tank, and well RTF-18-E resumed operating from February 8-15, 2017 when skimmer was manually shutdown to allow for LNAPL recovery which has yet to occur (i.e., thickness continued to decrease through March 2017).

TABLE 8l
Summary of LNAPL Removal in Well RTF-18-W - 1st Quarter 2017
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)
--	No Pumping/Skimming from Product Recovery System Well During 1st Quarter 2017							

Cumulative for the Reporting Period:	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Cumulative Beginning April 2016 - July 2016 [A]:	**38.8**	**0.0**	**0.0**	**38.8**	**265.2**
Cumulative Beginning August 2016 - March 2017 [B]:	**42.0**	**0.0**	**0.0**	**42.0**	**287.4**
Cumulative Beginning April 2016 [A]:	**80.8**	**0.0**	**0.0**	**80.8**	**552.6**

Legend / Notes:

LNAPL = Light non-aqueous phase liquids

feet btc = Feet below top of casing

Sock = LNAPL absorbent sock

-- = Not applicable

A = Cumulative LNAPL removed since April 2016 following installation of well during December 2015.

B = Cumulative LNAPL removed from a pneumatically controlled skimmer installed as part of a product recovery system that started operating on August 8, 2016 (system includes a total of four skimmers with skimming from well RTF-18-W initiated on September 14, 2016).

* = Well RTF-18-W has been off-line since December 9, 2016 to allow for LNAPL recovery which has yet to occur (i.e., thickness less than 0.1 foot through March 2017).

TABLE 8m
Summary of LNAPL Removal in Well RTF-18-NW - 1st Quarter 2017
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)
01/09/17	32.23	34.36	2.13	125.0	0.0	0.0	2,252.5	15,414.4
02/08/17	32.01	32.78	0.77	260.0	0.0	0.0	2,512.5	17,193.6
02/15/17	--	31.85	0.00	50.0	0.0	0.0	2,562.5	17,535.8

Cumulative for the Reporting Period:	**435.0**	**0.0**	**0.0**	**435.0**	**2,976.8**
Cumulative Beginning May 2016 - July 2016 [A]:	**76.5**	**0.0**	**0.0**	**76.5**	**523.5**
Cumulative Beginning August 2016 - March 2017 [B]:	**2,486.0**	**0.0**	**0.0**	**2,486.0**	**17,012.3**
Cumulative Beginning May 2016 [A]:	**2,562.5**	**0.0**	**0.0**	**2,562.5**	**17,535.8**

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.

B = Cumulative LNAPL removed from a pneumatically controlled skimmer installed as part of a product recovery system that started operating on August 8, 2016 (system includes a total of four skimmers with skimming from well RTF-18-NW initiated on August 11, 2016).

* = Product recovery system off-line from January 9-27, 2017 due to full storage tank, and well RTF-18-NW resumed operating after tank was emptied until February 15, 2017 when skimmer was manually shutdown to allow for LNAPL recovery which has yet to occur (i.e., thickness less than 0.1 foot through March 2017).

TABLE 8n
Summary of LNAPL Removal in Well RTF-18-NNW - 1st Quarter 2017
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)
01/09/17	32.88	34.69	1.81	2.0	0.0	0.0	103.0	704.9

Cumulative for the Reporting Period:	**2.0**	**0.0**	**0.0**	**2.0**	**13.7**
Cumulative Beginning April 2016 - July 2016 [A]:	**54.5**	**0.0**	**0.0**	**54.5**	**373.0**
Cumulative Beginning August 2016 - March 2017 [B]:	**48.5**	**0.0**	**0.0**	**48.5**	**331.9**
Cumulative Beginning April 2016 [A]:	**103.0**	**0.0**	**0.0**	**103.0**	**704.9**

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.

B = Cumulative LNAPL removed from a pneumatically controlled skimmer installed as part of a product recovery system that started operating on August 8, 2016 (system includes a total of four skimmers with skimming from well RTF-18-NNW initiated on September 14, 2016).

* = Product recovery system off-line from January 9-27, 2017 due to full storage tank, and well RTF-18-NNW left off-line for remainder of quarter after tank was emptied to allow for LNAPL recovery which has yet to occur (i.e., thickness decreased from January 2017 to March 2017 with no measureable product since early March 2017).

APPENDIX A

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

AMERICAN ANALYTICS

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

January 23, 2017

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332029 / 7A09017

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/09/17 14:34 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: A5332029
Date Received: 01/09/17
Date Reported: 01/23/17

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	7A09017-01	Water	5	01/09/17 09:50	01/09/17 14:34
After GAC-1	7A09017-02	Water	5	01/09/17 09:44	01/09/17 14:34
After GAC-2	7A09017-03	Water	5	01/09/17 09:35	01/09/17 14:34
Arsenic Total EPA 200.7					
Surge Tank	7A09017-01	Water	5	01/09/17 09:50	01/09/17 14:34
After Zeolite Bed	7A09017-04	Water	5	01/09/17 09:30	01/09/17 14:34
After Alumina Bed	7A09017-05	Water	5	01/09/17 09:29	01/09/17 14:34
Diesel Range Organics 8015M					
Surge Tank	7A09017-01	Water	5	01/09/17 09:50	01/09/17 14:34
After GAC-1	7A09017-02	Water	5	01/09/17 09:44	01/09/17 14:34
After GAC-2	7A09017-03	Water	5	01/09/17 09:35	01/09/17 14:34

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: A5332029
Date Received: 01/09/17
Date Reported: 01/23/17
Units: ug/L

Date Sampled:	01/09/17	01/09/17	01/09/17		
Date Prepared:	01/10/17	01/10/17	01/10/17		
Date Analyzed:	01/10/17	01/10/17	01/10/17		
AA ID No:	7A09017-01	7A09017-02	7A09017-03		
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	**4.4**	<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)	<40	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	**0.58 J**	**0.69 J**	**0.80 J**	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	98%	98%	98%		70-140
Dibromofluoromethane	113%	113%	111%		70-140
Toluene-d8	97%	97%	98%		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: A5332029
Date Received: 01/09/17
Date Reported: 01/23/17
Units: ug/L

Date Sampled:	01/09/17	01/09/17	01/09/17		
Date Prepared:	01/10/17	01/10/17	01/10/17		
Date Analyzed:	01/10/17	01/10/17	01/10/17		
AA ID No:	7A09017-01	7A09017-02	7A09017-03		
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	**150**	**160**	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	120%	107%	118%	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: A5332029
Date Received: 01/09/17
Date Reported: 01/23/17

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
7A09017-01	Surge Tank	01/09/17	01/12/17	01/13/17	1	**0.035**	mg/L	0.006	0.007
7A09017-04	After Zeolite Bed	01/09/17	01/12/17	01/13/17	1	**0.023**	mg/L	0.006	0.007
7A09017-05	After Alumina Bed	01/09/17	01/12/17	01/13/17	1	**0.016**	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: A5332029
Date Received: 01/09/17
Date Reported: 01/23/17

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 B7A1028 - EPA 5030B										
Blank (B7A1028-BLK1)				Prepared & Analyzed: 01/10/17						
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	*48.4*		*ug/L*	*50*		*96.8*	*70-140*			
Surrogate: Dibromofluoromethane	*56.3*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Toluene-d8	*47.6*		*ug/L*	*50*		*95.2*	*70-140*			
LCS (B7A1028-BS1)				Prepared: 01/10/17 Analyzed: 01/11/17						
tert-Amyl Methyl Ether (TAME)	**20.3**	0.30	ug/L	20		101	70-130			
Benzene	**20.3**	0.20	ug/L	20		101	75-125			
tert-Butyl alcohol (TBA)	**116**	7.0	ug/L	100		116	70-130			
Diisopropyl ether (DIPE)	**19.6**	0.50	ug/L	20		97.8	70-130			
Ethylbenzene	**22.1**	0.20	ug/L	20		110	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**20.1**	0.40	ug/L	20		100	70-130			
Gasoline Range Organics (GRO)	**502**	40	ug/L	500		100	70-130			
Methyl-tert-Butyl Ether (MTBE)	**40.9**	0.40	ug/L	40		102	70-135			
Toluene	**21.4**	0.30	ug/L	20		107	75-125			
o-Xylene	**21.5**	0.30	ug/L	20		108	75-125			
m,p-Xylenes	**43.6**	0.40	ug/L	40		109	70-130			
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50*		*98.5*	*70-140*			
Surrogate: Dibromofluoromethane	*47.2*		*ug/L*	*50*		*94.3*	*70-140*			
Surrogate: Toluene-d8	*49.2*		*ug/L*	*50*		*98.3*	*70-140*			
Matrix Spike (B7A1028-MS1)				**Source: 7A09021-01** Prepared & Analyzed: 01/10/17						

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

AA Project No: A5332029
Date Received: 01/09/17
Date Reported: 01/23/17

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 B7A1028 - EPA 5030B										
Matrix Spike (B7A1028-MS1) Continued Source: 7A09021-01 Prepared & Analyzed: 01/10/17										
tert-Amyl Methyl Ether (TAME)	**20.9**	0.30	ug/L	20		104	70-130			
Benzene	**20.3**	0.20	ug/L	20		102	70-130			
tert-Butyl alcohol (TBA)	**117**	7.0	ug/L	100		117	70-130			
Diisopropyl ether (DIPE)	**19.8**	0.50	ug/L	20		99.2	70-130			
Ethylbenzene	**23.1**	0.20	ug/L	20		115	70-130			
Ethyl-tert-Butyl Ether (ETBE)	**20.3**	0.40	ug/L	20		101	70-130			
Methyl-tert-Butyl Ether (MTBE)	**35.2**	0.40	ug/L	40		88.0	70-130			
Toluene	**22.2**	0.30	ug/L	20		111	70-130			
o-Xylene	**22.8**	0.30	ug/L	20		114	70-130			
m,p-Xylenes	**46.7**	0.40	ug/L	40	0.440	116	70-130			
Surrogate: 4-Bromofluorobenzene	*48.0*		*ug/L*	*50*		*96.1*	*70-140*			
Surrogate: Dibromofluoromethane	*46.9*		*ug/L*	*50*		*93.9*	*70-140*			
Surrogate: Toluene-d8	*48.6*		*ug/L*	*50*		*97.1*	*70-140*			
Matrix Spike Dup (B7A1028-MSD1) **Source: 7A09021-01** Prepared & Analyzed: 01/10/17										
tert-Amyl Methyl Ether (TAME)	**21.4**	0.30	ug/L	20		107	70-130	2.27	30	
Benzene	**20.5**	0.20	ug/L	20		102	70-130	0.784	30	
tert-Butyl alcohol (TBA)	**120**	7.0	ug/L	100		120	70-130	2.53	30	
Diisopropyl ether (DIPE)	**19.9**	0.50	ug/L	20		99.5	70-130	0.252	30	
Ethylbenzene	**22.2**	0.20	ug/L	20		111	70-130	3.75	30	
Ethyl-tert-Butyl Ether (ETBE)	**20.4**	0.40	ug/L	20		102	70-130	0.786	30	
Methyl-tert-Butyl Ether (MTBE)	**35.1**	0.40	ug/L	40		87.7	70-130	0.313	30	
Toluene	**21.7**	0.30	ug/L	20		108	70-130	2.60	30	
o-Xylene	**21.8**	0.30	ug/L	20		109	70-130	4.67	30	
m,p-Xylenes	**44.4**	0.40	ug/L	40	0.440	110	70-130	4.96	30	
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/L*	*50*		*95.8*	*70-140*			
Surrogate: Dibromofluoromethane	*46.9*		*ug/L*	*50*		*93.7*	*70-140*			
Surrogate: Toluene-d8	*47.2*		*ug/L*	*50*		*94.5*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B7A1029 - EPA 3510C										
Blank (B7A1029-BLK1) Prepared & Analyzed: 01/10/17										

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

AA Project No: A5332029
Date Received: 01/09/17
Date Reported: 01/23/17

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 B7A1029 - EPA 3510C										
Blank (B7A1029-BLK1) Continued				Prepared & Analyzed: 01/10/17						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*46.0*		*ug/L*	*40*		*115*	*50-150*			
LCS (B7A1029-BS1)				Prepared & Analyzed: 01/10/17						
Diesel Range Organics as Diesel	**984**	60	ug/L	800		123	75-125		30	
Surrogate: o-Terphenyl	*49.4*		*ug/L*	*40*		*124*	*50-150*			
LCS Dup (B7A1029-BSD1)				Prepared & Analyzed: 01/10/17						
Diesel Range Organics as Diesel	**976**	60	ug/L	800		122	75-125	0.857	30	
Surrogate: o-Terphenyl	*49.4*		*ug/L*	*40*		*123*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B7A1218 - EPA 200.7										
Blank (B7A1218-BLK1)				Prepared: 01/12/17 Analyzed: 01/13/17						
Arsenic	<0.0060	0.0060	mg/L							
LCS (B7A1218-BS1)				Prepared: 01/12/17 Analyzed: 01/13/17						
Arsenic	**0.216**	0.0060	mg/L	0.20		108	80-120		20	
LCS Dup (B7A1218-BSD1)				Prepared: 01/12/17 Analyzed: 01/13/17						
Arsenic	**0.216**	0.0060	mg/L	0.20		108	80-120	0.185	20	
Duplicate (B7A1218-DUP1)			**Source: 7A09017-05**	Prepared: 01/12/17 Analyzed: 01/13/17						
Arsenic	**0.0180**	0.0060	mg/L		0.0156			14.3	30	
Matrix Spike (B7A1218-MS1)			**Source: 7A09016-01**	Prepared: 01/12/17 Analyzed: 01/13/17						
Arsenic	**0.221**	0.0060	mg/L	0.20	0.0168	102	75-125		20	
Matrix Spike Dup (B7A1218-MSD1)			**Source: 7A09016-01**	Prepared: 01/12/17 Analyzed: 01/13/17						
Arsenic	**0.205**	0.0060	mg/L	0.20	0.0168	94.2	75-125	7.50	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332029
Project No:	04-NDLA-013	**Date Received:**	01/09/17
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	01/23/17

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

126452

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

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 091-NDLA	**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)

Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	Special Instructions
Surge Tank	7A09017-01	1-9-17	0950	Water	5	✓	✓	✓	
After GAC-1	2	↓	0944	Water	4	✓	✓		
After GAC-2	3		0935	Water	4	✓	✓		
After Zolite Bed	4		0930	Water	1			✓	
After Alumina Bed	5	↓	0929	Water	1			✓	

SAMPLE INTEGRITY
INTACT (Y) N TEMP 5°

REVIEWED
Date 1/9/17 Time 1535
TAT N Days Sign:

'17 JAN 9 P4:34

AS32029 / 7A09017

Relinquished by	Date	Time	Received by
Glenn Androsko	1-9-17	1535	
Relinquished by	Date	Time	Received by
	1/9/17	1934	
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 25, 2017

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332031 / 7A09019

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/09/17 14:34 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: A5332031
Date Received: 01/09/17
Date Reported: 04/25/17

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	7A09019-01	Vapor	5	01/09/17 10:18	01/09/17 14:34
VOCs Gasoline Range Organics Vapor					
Influent	7A09019-01	Vapor	5	01/09/17 10:18	01/09/17 14:34
VOCs GRO Vapor as Hexane					
Influent	7A09019-01	Vapor	5	01/09/17 10:18	01/09/17 14:34

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332031
Project No:	04-NDLA-013	**Date Received:**	01/09/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	01/09/17
Dilution:	1	**Prepared:**	01/10/17
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/10/17

Influent

7A09019-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**2.0**	ug/L	0.50	**0.63**	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	**0.89**	ug/L	0.50	**0.24**	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	95.7 %	70-140
Dibromofluoromethane	109 %	70-140
Toluene-d8	96.7 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332031
Project No:	04-NDLA-013	**Date Received:**	01/09/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	01/09/17
Dilution:	1	**Prepared:**	01/11/17
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/11/17

Influent

7A09019-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**280**	ug/L	20	**68**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	109 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332031
Project No:	04-NDLA-013	**Date Received:**	01/09/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	01/09/17
Dilution:	1	**Prepared:**	01/11/17
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/11/17

Influent

7A09019-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**280**	ug/L	20	**80**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	109 %	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: A5332031
Date Received: 01/09/17
Date Reported: 04/25/17

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 B7A1042 - *** DEFAULT PREP ****										
Blank (B7A1042-BLK1)				Prepared & Analyzed: 01/10/17						
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	*48.4*		*ug/L*	*50*		*96.8*	*70-140*			
Surrogate: Dibromofluoromethane	*56.3*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Toluene-d8	*47.6*		*ug/L*	*50*		*95.2*	*70-140*			
LCS (B7A1042-BS1)				Prepared: 01/10/17 Analyzed: 01/11/17						
Benzene	**20.3**	0.50	ug/L	20		101	75-125			
Ethylbenzene	**22.1**	0.50	ug/L	20		110	75-125			
Methyl-tert-Butyl Ether (MTBE)	**40.9**	2.0	ug/L	40		102	75-125			
Toluene	**21.4**	0.50	ug/L	20		107	75-125			
o-Xylene	**21.5**	0.50	ug/L	20		108	75-125			
m,p-Xylenes	**43.6**	1.0	ug/L	40		109	75-125			
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50*		*98.5*	*70-140*			
Surrogate: Dibromofluoromethane	*47.2*		*ug/L*	*50*		*94.3*	*70-140*			
Surrogate: Toluene-d8	*49.2*		*ug/L*	*50*		*98.3*	*70-140*			
LCS Dup (B7A1042-BSD1)				Prepared & Analyzed: 01/10/17						
Benzene	**20.3**	0.50	ug/L	20		102	75-125	0.197	30	
Ethylbenzene	**23.1**	0.50	ug/L	20		115	75-125	4.47	30	
Methyl-tert-Butyl Ether (MTBE)	**35.2**	2.0	ug/L	40		88.0	75-125	15.0	30	
Toluene	**22.2**	0.50	ug/L	20		111	75-125	3.76	30	
o-Xylene	**22.8**	0.50	ug/L	20		114	75-125	5.78	30	
m,p-Xylenes	**46.7**	1.0	ug/L	40		117	75-125	6.96	30	
Surrogate: 4-Bromofluorobenzene	*48.0*		*ug/L*	*50*		*96.1*	*70-140*			
Surrogate: Dibromofluoromethane	*46.9*		*ug/L*	*50*		*93.9*	*70-140*			
Surrogate: Toluene-d8	*48.6*		*ug/L*	*50*		*97.1*	*70-140*			
Duplicate (B7A1042-DUP1)				**Source: 7A09020-02** Prepared & Analyzed: 01/10/17						

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: A5332031
Date Received: 01/09/17
Date Reported: 04/25/17

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 B7A1042 - *** DEFAULT PREP ****										
Duplicate (B7A1042-DUP1) Continued				**Source: 7A09020-02**			Prepared & Analyzed: 01/10/17			
Benzene	**<0.50**	0.50	ug/L						30	
Ethylbenzene	**<0.50**	0.50	ug/L						30	
Methyl-tert-Butyl Ether (MTBE)	**<2.0**	2.0	ug/L						30	
Toluene	**<0.50**	0.50	ug/L						30	
o-Xylene	**<0.50**	0.50	ug/L						30	
m,p-Xylenes	**<1.0**	1.0	ug/L						30	
Surrogate: 4-Bromofluorobenzene	*48.7*		*ug/L*	*50*		*97.4*	*70-140*			
Surrogate: Dibromofluoromethane	*57.5*		*ug/L*	*50*		*115*	*70-140*			
Surrogate: Toluene-d8	*48.5*		*ug/L*	*50*		*97.0*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B7A1116 - *** DEFAULT PREP ****										
Blank (B7A1116-BLK1)							Prepared & Analyzed: 01/11/17			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*44.7*		*ug/L*	*50*		*89.5*	*70-130*			
LCS (B7A1116-BS1)							Prepared & Analyzed: 01/11/17			
Gasoline Range Organics (GRO)	**425**	20	ug/L	500		85.0	75-125			
Surrogate: a,a,a-Trifluorotoluene	*51.1*		*ug/L*	*50*		*102*	*70-130*			
LCS Dup (B7A1116-BSD1)							Prepared & Analyzed: 01/11/17			
Gasoline Range Organics (GRO)	**425**	20	ug/L	500		85.0	75-125	0.00865	30	
Surrogate: a,a,a-Trifluorotoluene	*51.0*		*ug/L*	*50*		*102*	*70-130*			
Duplicate (B7A1116-DUP1)				**Source: 7A09020-02**			Prepared & Analyzed: 01/11/17			
Gasoline Range Organics (GRO)	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*41.9*		*ug/L*	*50*		*83.9*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B7A1116 - *** DEFAULT PREP ****										
Blank (B7A1116-BLK1)							Prepared & Analyzed: 01/11/17			
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*44.7*		*ug/L*	*50*		*89.5*	*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: A5332031
Date Received: 01/09/17
Date Reported: 04/25/17

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 B7A1116 - *** DEFAULT PREP ****										
LCS (B7A1116-BS1)				Prepared & Analyzed: 01/11/17						
GRO as Hexane	**425**	20	ug/L	500		85.0	75-125			
Surrogate: a,a,a-Trifluorotoluene	*51.1*		*ug/L*	*50*		*102*	*70-130*			
LCS Dup (B7A1116-BSD1)				Prepared & Analyzed: 01/11/17						
GRO as Hexane	**425**	20	ug/L	500		85.0	75-125	0.00865	30	
Surrogate: a,a,a-Trifluorotoluene	*51.0*		*ug/L*	*50*		*102*	*70-130*			
Duplicate (B7A1116-DUP1)			**Source: 7A09020-02**	Prepared & Analyzed: 01/11/17						
GRO as Hexane	**<20**	20	ug/L						30	
Surrogate: a,a,a-Trifluorotoluene	*41.9*		*ug/L*	*50*		*83.9*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332031
Project No:	04-NDLA-013	**Date Received:**	01/09/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

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

126459

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 091-NDLA	**Sampler's Name:** Glenn Andreasen	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Andreasen	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:**	
Fax: 569-597-1070	**State & Zip:** CA 90650	**Quote No.:**	

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	Lab #	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B	Special Instructions
						Please enter the TAT Turnaround Codes ** below			
Influent	7A09019-01	1-9-17	1018	Air	1	✓	✓	✓	
Effluent		1-9-17	1012	Air	1	✓	✓	✓	

SAMPLE INTEGRITY
INTACT (Y) N TEMP N/A

PRIORITY
Rush 3hr
Date 1/9 Time 1400 Sign

Relinquished by	Date	Time	Received by
Glenn Andreasen	1-9-17	11:35	
	1/9/17	1934	

A5332031 / & 7A09019

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

AMERICAN ANALYTICS

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

January 31, 2017

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332042 / 7A18016

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/18/17 13:49 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: A5332042
Date Received: 01/18/17
Date Reported: 01/31/17

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
HW-1	7A18016-01	Vapor	5	01/18/17 09:04	01/18/17 13:49
HW-3	7A18016-02	Vapor	5	01/18/17 09:11	01/18/17 13:49
HW-5	7A18016-03	Vapor	5	01/18/17 09:18	01/18/17 13:49
HW-7	7A18016-04	Vapor	5	01/18/17 09:24	01/18/17 13:49
VOCs Gasoline Range Organics Vapor					
HW-1	7A18016-01	Vapor	5	01/18/17 09:04	01/18/17 13:49
HW-3	7A18016-02	Vapor	5	01/18/17 09:11	01/18/17 13:49
HW-5	7A18016-03	Vapor	5	01/18/17 09:18	01/18/17 13:49
HW-7	7A18016-04	Vapor	5	01/18/17 09:24	01/18/17 13:49
VOCs GRO Vapor as Hexane					
HW-1	7A18016-01	Vapor	5	01/18/17 09:04	01/18/17 13:49
HW-3	7A18016-02	Vapor	5	01/18/17 09:11	01/18/17 13:49
HW-5	7A18016-03	Vapor	5	01/18/17 09:18	01/18/17 13:49
HW-7	7A18016-04	Vapor	5	01/18/17 09:24	01/18/17 13:49

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/20/17

HW-1

7A18016-01 (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	**0.67**	ug/L	0.50	**0.18**	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	97.2 %	70-140
Dibromofluoromethane	114 %	70-140
Toluene-d8	97.7 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/20/17

HW-3

7A18016-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**6.5**	ug/L	0.50	**2.0**	ppmv	0.16
Ethylbenzene	**0.52**	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	**3.1**	ug/L	0.50	**0.82**	ppmv	0.13
o-Xylene	**0.51**	ug/L	0.50	**0.12**	ppmv	0.12
m,p-Xylenes	**1.5**	ug/L	1.0	**0.35**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	96.6 %	70-140
Dibromofluoromethane	114 %	70-140
Toluene-d8	96.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/20/17

HW-5

7A18016-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**1.1**	ug/L	0.50	**0.34**	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	95.9 %	70-140
Dibromofluoromethane	119 %	70-140
Toluene-d8	99.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	01/20/17

HW-7

7A18016-04 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	97.7 %	70-140
Dibromofluoromethane	115 %	70-140
Toluene-d8	98.7 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/20/17

HW-1

7A18016-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**310**	ug/L	20	**76**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	90.9 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/20/17

HW-3

7A18016-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**370**	ug/L	20	**90**	ppmv	4.9

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

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/20/17

HW-5

7A18016-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**300**	ug/L	20	**73**	ppmv	4.9

Surrogates	**%REC**	**%REC Limits**
a,a,a-Trifluorotoluene	95.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	01/20/17

HW-7

7A18016-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**30**	ug/L	20	**7.3**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	92.4 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/20/17

HW-1

7A18016-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**310**	ug/L	20	**88**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	90.9 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/20/17

HW-3

7A18016-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**370**	ug/L	20	**110**	ppmv	5.7

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

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/20/17

HW-5

7A18016-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**300**	ug/L	20	**85**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	95.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17
Matrix:	Vapor	**Sampled:**	01/18/17
Dilution:	1	**Prepared:**	01/20/17
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	01/20/17

HW-7

7A18016-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**30**	ug/L	20	**8.5**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	92.4 %	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: A5332042
Date Received: 01/18/17
Date Reported: 01/31/17

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 B7A2003 - *** DEFAULT PREP ****										
Blank (B7A2003-BLK1)				Prepared & Analyzed: 01/20/17						
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	*48.8*		*ug/L*	*50*		*97.6*	*70-140*			
Surrogate: Dibromofluoromethane	*56.9*		*ug/L*	*50*		*114*	*70-140*			
Surrogate: Toluene-d8	*49.0*		*ug/L*	*50*		*98.0*	*70-140*			
LCS (B7A2003-BS1)				Prepared & Analyzed: 01/20/17						
Benzene	**19.7**	0.50	ug/L	20		98.6	75-125			
Ethylbenzene	**21.6**	0.50	ug/L	20		108	75-125			
Methyl-tert-Butyl Ether (MTBE)	**46.1**	2.0	ug/L	40		115	75-125			
Toluene	**20.7**	0.50	ug/L	20		104	75-125			
o-Xylene	**20.8**	0.50	ug/L	20		104	75-125			
m,p-Xylenes	**42.8**	1.0	ug/L	40		107	75-125			
Surrogate: 4-Bromofluorobenzene	*49.9*		*ug/L*	*50*		*99.8*	*70-140*			
Surrogate: Dibromofluoromethane	*43.5*		*ug/L*	*50*		*87.0*	*70-140*			
Surrogate: Toluene-d8	*51.4*		*ug/L*	*50*		*103*	*70-140*			
LCS Dup (B7A2003-BSD1)				Prepared: 01/20/17 Analyzed: 01/21/17						
Benzene	**21.3**	0.50	ug/L	20		106	75-125	7.47	30	
Ethylbenzene	**20.2**	0.50	ug/L	20		101	75-125	6.65	30	
Methyl-tert-Butyl Ether (MTBE)	**45.2**	2.0	ug/L	40		113	75-125	1.93	30	
Toluene	**19.4**	0.50	ug/L	20		96.9	75-125	6.59	30	
o-Xylene	**19.9**	0.50	ug/L	20		99.4	75-125	4.62	30	
m,p-Xylenes	**40.2**	1.0	ug/L	40		101	75-125	6.26	30	
Surrogate: 4-Bromofluorobenzene	*48.8*		*ug/L*	*50*		*97.7*	*70-140*			
Surrogate: Dibromofluoromethane	*49.8*		*ug/L*	*50*		*99.5*	*70-140*			
Surrogate: Toluene-d8	*49.2*		*ug/L*	*50*		*98.3*	*70-140*			
Duplicate (B7A2003-DUP1)				**Source: 7A18016-04** Prepared & Analyzed: 01/20/17						

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: A5332042
Date Received: 01/18/17
Date Reported: 01/31/17

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 B7A2003 - *** DEFAULT PREP ****										
Duplicate (B7A2003-DUP1) Continued				**Source: 7A18016-04**			Prepared & Analyzed: 01/20/17			
Benzene	**<0.50**	0.50	ug/L		<0.50				30	
Ethylbenzene	**<0.50**	0.50	ug/L		<0.50				30	
Methyl-tert-Butyl Ether (MTBE)	**<2.0**	2.0	ug/L		<2.0				30	
Toluene	**<0.50**	0.50	ug/L		<0.50				30	
o-Xylene	**<0.50**	0.50	ug/L		<0.50				30	
m,p-Xylenes	**<1.0**	1.0	ug/L		<1.0				30	
Surrogate: 4-Bromofluorobenzene	*48.7*		*ug/L*	*50*		*97.4*	*70-140*			
Surrogate: Dibromofluoromethane	*59.3*		*ug/L*	*50*		*119*	*70-140*			
Surrogate: Toluene-d8	*49.6*		*ug/L*	*50*		*99.3*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B7A2012 - *** DEFAULT PREP ****										
Blank (B7A2012-BLK1)							Prepared & Analyzed: 01/20/17			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*44.2*		*ug/L*	*50*		*88.4*	*70-130*			
LCS (B7A2012-BS1)							Prepared & Analyzed: 01/20/17			
Gasoline Range Organics (GRO)	**412**	20	ug/L	500		82.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*46.8*		*ug/L*	*50*		*93.7*	*70-130*			
LCS Dup (B7A2012-BSD1)							Prepared & Analyzed: 01/20/17			
Gasoline Range Organics (GRO)	**415**	20	ug/L	500		83.1	75-125	0.735	30	
Surrogate: a,a,a-Trifluorotoluene	*45.6*		*ug/L*	*50*		*91.2*	*70-130*			
Duplicate (B7A2012-DUP1)				**Source: 7A18016-03**			Prepared & Analyzed: 01/20/17			
Gasoline Range Organics (GRO)	**297**	20	ug/L		300			0.953	30	
Surrogate: a,a,a-Trifluorotoluene	*46.2*		*ug/L*	*50*		*92.4*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B7A2012 - *** DEFAULT PREP ****										
Blank (B7A2012-BLK1)							Prepared & Analyzed: 01/20/17			
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*44.2*		*ug/L*	*50*		*88.4*	*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: A5332042
Date Received: 01/18/17
Date Reported: 01/31/17

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 B7A2012 - *** DEFAULT PREP ****										
LCS (B7A2012-BS1)				Prepared & Analyzed: 01/20/17						
GRO as Hexane	**412**	20	ug/L	500		82.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*46.8*		*ug/L*	*50*		*93.7*	*70-130*			
LCS Dup (B7A2012-BSD1)				Prepared & Analyzed: 01/20/17						
GRO as Hexane	**415**	20	ug/L	500		83.1	75-125	0.735	30	
Surrogate: a,a,a-Trifluorotoluene	*45.6*		*ug/L*	*50*		*91.2*	*70-130*			
Duplicate (B7A2012-DUP1)			**Source: 7A18016-03**	Prepared & Analyzed: 01/20/17						
GRO as Hexane	**297**	20	ug/L		300			0.953	30	
Surrogate: a,a,a-Trifluorotoluene	*46.2*		*ug/L*	*50*		*92.4*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332042
Project No:	04-NDLA-013	**Date Received:**	01/18/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	01/31/17

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

126512

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

Client: The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 091-NDLA	**Sampler's Name:** Glenn Andrasko	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Andrasko	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:**	
Fax: 569-597-1070	**State & Zip:** CA 90650	**Quote No.:**	

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	Lab #	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B	Special Instructions
						Please enter the TAT Turnaround Codes ** below			
HW-1	7A18016-01	1-18-17	0904	Air	1	✓	✓	✓	
HW-3	02	↓	0911	Air	1	✓	✓	✓	
HW-5	03		0918	Air	1	✓	✓	✓	
HW-7	04		0924	Air	1	✓	✓	✓	

PRIORITY
Rush Date 1/18/17 Time 1400 Hrs Sign

SAMPLE INTEGRITY
INTACT (Y) N TEMP N/A

17 JAN 18 1450

Relinquished by	Date	Time	Received by
Glenn Andrasko	1-18-17	1040	
Relinquished by	Date	Time	Received by
	1/18/17	1349	
Relinquished by	Date	Time	Received by

AS332042 / 7A18016

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

February 15, 2017

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332052 / 7B06017

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 02/06/17 15:36 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: A5332052
Date Received: 02/06/17
Date Reported: 02/15/17

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	7B06017-01	Water	5	02/06/17 11:18	02/06/17 15:36
After GAC-1	7B06017-02	Water	5	02/06/17 11:13	02/06/17 15:36
After GAC-2	7B06017-03	Water	5	02/06/17 11:08	02/06/17 15:36
Arsenic Total EPA 200.7					
Surge Tank	7B06017-01	Water	5	02/06/17 11:18	02/06/17 15:36
After Zeolite Bed	7B06017-04	Water	5	02/06/17 11:03	02/06/17 15:36
After Alumina Bed	7B06017-05	Water	5	02/06/17 11:02	02/06/17 15:36
Diesel Range Organics 8015M					
Surge Tank	7B06017-01	Water	5	02/06/17 11:18	02/06/17 15:36
After GAC-1	7B06017-02	Water	5	02/06/17 11:13	02/06/17 15:36
After GAC-2	7B06017-03	Water	5	02/06/17 11:08	02/06/17 15:36

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: A5332052
Date Received: 02/06/17
Date Reported: 02/15/17
Units: ug/L

Date Sampled:	02/06/17	02/06/17	02/06/17		
Date Prepared:	02/07/17	02/07/17	02/07/17		
Date Analyzed:	02/07/17	02/07/17	02/07/17		
AA ID No:	7B06017-01	7B06017-02	7B06017-03		
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	**3.5**	<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	**0.41 J**	<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)	<40	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	<0.40	**0.58 J**	**0.71 J**	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	**0.60 J**	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	94%	94%	93%		70-140
Dibromofluoromethane	99%	101%	104%		70-140
Toluene-d8	97%	96%	96%		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: A5332052
Date Received: 02/06/17
Date Reported: 02/15/17
Units: ug/L

Date Sampled:	02/06/17	02/06/17	02/06/17		
Date Prepared:	02/10/17	02/10/17	02/10/17		
Date Analyzed:	02/10/17	02/10/17	02/10/17		
AA ID No:	7B06017-01	7B06017-02	7B06017-03		
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	**110**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	121%	107%	70%	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: A5332052
Date Received: 02/06/17
Date Reported: 02/15/17

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
7B06017-01	Surge Tank	02/06/17	02/09/17	02/13/17	1	**0.028**	mg/L	0.006	0.007
7B06017-04	After Zeolite Bed	02/06/17	02/09/17	02/13/17	1	**0.016**	mg/L	0.006	0.007
7B06017-05	After Alumina Bed	02/06/17	02/09/17	02/13/17	1	**0.016**	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: A5332052
Date Received: 02/06/17
Date Reported: 02/15/17

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 B7B0718 - EPA 5030B										
Blank (B7B0718-BLK1)				Prepared & Analyzed: 02/07/17						
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L							
Benzene	<0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L							
Ethylbenzene	<0.20	0.20	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L							
Gasoline Range Organics (GRO)	<40	40	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L							
Toluene	<0.30	0.30	ug/L							
o-Xylene	<0.30	0.30	ug/L							
m,p-Xylenes	<0.40	0.40	ug/L							
Surrogate: 4-Bromofluorobenzene	*46.0*		*ug/L*	*50*		*92.0*	*70-140*			
Surrogate: Dibromofluoromethane	*53.1*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Toluene-d8	*47.7*		*ug/L*	*50*		*95.4*	*70-140*			
LCS (B7B0718-BS1)				Prepared & Analyzed: 02/07/17						
tert-Amyl Methyl Ether (TAME)	**16.4**	0.30	ug/L	20		81.8	70-130			
Benzene	**18.2**	0.20	ug/L	20		91.0	75-125			
tert-Butyl alcohol (TBA)	**107**	7.0	ug/L	100		107	70-130			
Diisopropyl ether (DIPE)	**17.1**	0.50	ug/L	20		85.7	70-130			
Ethylbenzene	**21.1**	0.20	ug/L	20		106	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**16.5**	0.40	ug/L	20		82.5	70-130			
Gasoline Range Organics (GRO)	**500**	40	ug/L	500		100	70-130			
Methyl-tert-Butyl Ether (MTBE)	**42.2**	0.40	ug/L	40		106	70-135			
Toluene	**20.3**	0.30	ug/L	20		102	75-125			
o-Xylene	**21.5**	0.30	ug/L	20		108	75-125			
m,p-Xylenes	**43.4**	0.40	ug/L	40		108	70-130			
Surrogate: 4-Bromofluorobenzene	*46.3*		*ug/L*	*50*		*92.6*	*70-140*			
Surrogate: Dibromofluoromethane	*44.2*		*ug/L*	*50*		*88.4*	*70-140*			
Surrogate: Toluene-d8	*49.1*		*ug/L*	*50*		*98.1*	*70-140*			
Matrix Spike (B7B0718-MS1)				**Source: 7B03007-09** Prepared & Analyzed: 02/07/17						

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

AA Project No: A5332052
Date Received: 02/06/17
Date Reported: 02/15/17

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 B7B0718 - EPA 5030B										
Matrix Spike (B7B0718-MS1) Continued Source: 7B03007-09 Prepared & Analyzed: 02/07/17										
tert-Amyl Methyl Ether (TAME)	**18.1**	0.30	ug/L	20		90.5	70-130			
Benzene	**18.2**	0.20	ug/L	20		91.2	70-130			
tert-Butyl alcohol (TBA)	**123**	7.0	ug/L	100		123	70-130			
Diisopropyl ether (DIPE)	**17.7**	0.50	ug/L	20		88.6	70-130			
Ethylbenzene	**22.0**	0.20	ug/L	20		110	70-130			
Ethyl-tert-Butyl Ether (ETBE)	**17.6**	0.40	ug/L	20		88.2	70-130			
Methyl-tert-Butyl Ether (MTBE)	**41.5**	0.40	ug/L	40		104	70-130			
Toluene	**21.2**	0.30	ug/L	20		106	70-130			
o-Xylene	**22.4**	0.30	ug/L	20		112	70-130			
m,p-Xylenes	**44.6**	0.40	ug/L	40	0.860	109	70-130			
Surrogate: 4-Bromofluorobenzene	*45.1*		*ug/L*	*50*		*90.2*	*70-140*			
Surrogate: Dibromofluoromethane	*44.7*		*ug/L*	*50*		*89.3*	*70-140*			
Surrogate: Toluene-d8	*48.2*		*ug/L*	*50*		*96.4*	*70-140*			
Matrix Spike Dup (B7B0718-MSD1) **Source: 7B03007-09** Prepared & Analyzed: 02/07/17										
tert-Amyl Methyl Ether (TAME)	**19.1**	0.30	ug/L	20		95.4	70-130	5.27	30	
Benzene	**18.2**	0.20	ug/L	20		91.2	70-130	0.0548	30	
tert-Butyl alcohol (TBA)	**129**	7.0	ug/L	100		129	70-130	4.76	30	
Diisopropyl ether (DIPE)	**17.8**	0.50	ug/L	20		89.2	70-130	0.675	30	
Ethylbenzene	**22.2**	0.20	ug/L	20		111	70-130	0.906	30	
Ethyl-tert-Butyl Ether (ETBE)	**17.9**	0.40	ug/L	20		89.4	70-130	1.30	30	
Methyl-tert-Butyl Ether (MTBE)	**44.2**	0.40	ug/L	40		110	70-130	6.19	30	
Toluene	**21.2**	0.30	ug/L	20		106	70-130	0.0472	30	
o-Xylene	**22.9**	0.30	ug/L	20		115	70-130	2.25	30	
m,p-Xylenes	**45.0**	0.40	ug/L	40	0.860	110	70-130	0.915	30	
Surrogate: 4-Bromofluorobenzene	*45.5*		*ug/L*	*50*		*91.1*	*70-140*			
Surrogate: Dibromofluoromethane	*44.7*		*ug/L*	*50*		*89.4*	*70-140*			
Surrogate: Toluene-d8	*46.5*		*ug/L*	*50*		*93.1*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B7B1002 - EPA 3510C										
Blank (B7B1002-BLK1) Prepared & Analyzed: 02/10/17										

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

AA Project No: A5332052
Date Received: 02/06/17
Date Reported: 02/15/17

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 B7B1002 - EPA 3510C										
Blank (B7B1002-BLK1) Continued				Prepared & Analyzed: 02/10/17						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*51.4*		*ug/L*	*40*		*128*	*50-150*			
LCS (B7B1002-BS1)				Prepared & Analyzed: 02/10/17						
Diesel Range Organics as Diesel	**744**	60	ug/L	800		93.0	75-125		30	
Surrogate: o-Terphenyl	*55.0*		*ug/L*	*40*		*138*	*50-150*			
LCS Dup (B7B1002-BSD1)				Prepared & Analyzed: 02/10/17						
Diesel Range Organics as Diesel	**741**	60	ug/L	800		92.6	75-125	0.368	30	
Surrogate: o-Terphenyl	*51.5*		*ug/L*	*40*		*129*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B7B0922 - EPA 200.7										
Blank (B7B0922-BLK1)				Prepared: 02/09/17 Analyzed: 02/13/17						
Arsenic	<0.0060	0.0060	mg/L							
LCS (B7B0922-BS1)				Prepared: 02/09/17 Analyzed: 02/13/17						
Arsenic	**1.02**	0.0060	mg/L	1.0		102	80-120		20	
LCS Dup (B7B0922-BSD1)				Prepared: 02/09/17 Analyzed: 02/13/17						
Arsenic	**1.04**	0.0060	mg/L	1.0		104	80-120	2.23	20	
Duplicate (B7B0922-DUP1)			**Source: 7B06017-01**	Prepared: 02/09/17 Analyzed: 02/13/17						
Arsenic	**0.0268**	0.0060	mg/L		0.0280			4.38	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332052
Project No:	04-NDLA-013	**Date Received:**	02/06/17
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	02/15/17

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

126627

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

Client: APEX/The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 091-NDLA	**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. ID.	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	Special Instructions
						Please enter the TAT Turnaround Codes ** below			
Surge Tank	7B06017-01	2-6-17	1118	Water	5	✓	✓	✓	
After GAC-1	2	↓	1113	Water	4	✓	✓		
After GAC-2	3		1108	Water	4	✓	✓		
After Zolite Bed	4		1103	Water	1			✓	
After Alumina Bed	5	↓	1102	Water	1			✓	

SAMPLE INTEGRITY INTACT (Y) N TEMP 5°

REVIEWED Date 2/6/17 Time 1600 Sign: [signature] TAT N Days

'17 FEB 6 3:

Relinquished by	Date	Time	Received by
Glenn Androsko	2-6-17	1130	[signature]
[signature]	2/6/17	1536	[signature]

A533205Z / 7B06017

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 25, 2017

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332054 / 7B06019

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 02/06/17 15:35 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332054
Date Received: 02/06/17
Date Reported: 04/25/17

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	7B06019-01	Vapor	5	02/06/17 10:54	02/06/17 15:35
VOCs Gasoline Range Organics Vapor					
Influent	7B06019-01	Vapor	5	02/06/17 10:54	02/06/17 15:35
VOCs GRO Vapor as Hexane					
Influent	7B06019-01	Vapor	5	02/06/17 10:54	02/06/17 15:35

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332054
Project No:	04-NDLA-013	**Date Received:**	02/06/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	02/06/17
Dilution:	1	**Prepared:**	02/09/17
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	02/09/17

Influent

7B06019-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**1.4**	ug/L	0.50	**0.44**	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	**0.72**	ug/L	0.50	**0.19**	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	93.2 %	70-140
Dibromofluoromethane	106 %	70-140
Toluene-d8	95.4 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332054
Project No:	04-NDLA-013	**Date Received:**	02/06/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	02/06/17
Dilution:	1	**Prepared:**	02/08/17
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	02/08/17

Influent

7B06019-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**270**	ug/L	20	**66**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	97.4 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332054
Project No:	04-NDLA-013	**Date Received:**	02/06/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	02/06/17
Dilution:	1	**Prepared:**	02/08/17
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	02/08/17

Influent

7B06019-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**270**	ug/L	20	**77**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	97.4 %	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: A5332054
Date Received: 02/06/17
Date Reported: 04/25/17

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 B7B0928 - *** DEFAULT PREP ****										
Blank (B7B0928-BLK1)				Prepared & Analyzed: 02/09/17						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*46.6*		*ug/L*	*50*		*93.1*	*70-140*			
Surrogate: Dibromofluoromethane	*55.6*		*ug/L*	*50*		*111*	*70-140*			
Surrogate: Toluene-d8	*47.2*		*ug/L*	*50*		*94.4*	*70-140*			
LCS (B7B0928-BS1)				Prepared & Analyzed: 02/09/17						
Benzene	**18.4**	0.50	ug/L	20		91.8	75-125			
Ethylbenzene	**19.2**	0.50	ug/L	20		96.0	75-125			
Methyl-tert-Butyl Ether (MTBE)	**59.4**	2.0	ug/L	40		148	75-125			**
Toluene	**17.7**	0.50	ug/L	20		88.4	75-125			
o-Xylene	**19.3**	0.50	ug/L	20		96.4	75-125			
m,p-Xylenes	**38.7**	1.0	ug/L	40		96.8	75-125			
Surrogate: 4-Bromofluorobenzene	*45.8*		*ug/L*	*50*		*91.6*	*70-140*			
Surrogate: Dibromofluoromethane	*47.3*		*ug/L*	*50*		*94.6*	*70-140*			
Surrogate: Toluene-d8	*41.4*		*ug/L*	*50*		*82.7*	*70-140*			
LCS Dup (B7B0928-BSD1)				Prepared: 02/09/17 Analyzed: 02/10/17						
Benzene	**19.3**	0.50	ug/L	20		96.6	75-125	5.15	30	
Ethylbenzene	**20.4**	0.50	ug/L	20		102	75-125	6.26	30	
Methyl-tert-Butyl Ether (MTBE)	**54.6**	2.0	ug/L	40		136	75-125	8.42	30	**
Toluene	**18.6**	0.50	ug/L	20		93.2	75-125	5.34	30	
o-Xylene	**21.5**	0.50	ug/L	20		107	75-125	10.7	30	
m,p-Xylenes	**42.6**	1.0	ug/L	40		106	75-125	9.45	30	
Surrogate: 4-Bromofluorobenzene	*46.3*		*ug/L*	*50*		*92.5*	*70-140*			
Surrogate: Dibromofluoromethane	*45.7*		*ug/L*	*50*		*91.4*	*70-140*			
Surrogate: Toluene-d8	*41.4*		*ug/L*	*50*		*82.9*	*70-140*			
Duplicate (B7B0928-DUP1)				**Source: 7B09014-01** Prepared & Analyzed: 02/09/17						

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: A5332054
Date Received: 02/06/17
Date Reported: 04/25/17

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 B7B0928 - *** DEFAULT PREP ****										
Duplicate (B7B0928-DUP1) Continued				**Source: 7B09014-01**			Prepared & Analyzed: 02/09/17			
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	**1.01**	1.0	ug/L		0.680			39.1	30	
Surrogate: 4-Bromofluorobenzene	*47.4*		*ug/L*	*50*		*94.8*	*70-140*			
Surrogate: Dibromofluoromethane	*52.8*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Toluene-d8	*48.6*		*ug/L*	*50*		*97.1*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B7B0823 - *** DEFAULT PREP ****										
Blank (B7B0823-BLK1)							Prepared & Analyzed: 02/08/17			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*45.6*		*ug/L*	*50*		*91.2*	*70-130*			
LCS (B7B0823-BS1)							Prepared & Analyzed: 02/08/17			
Gasoline Range Organics (GRO)	**428**	20	ug/L	500		85.6	75-125			
Surrogate: a,a,a-Trifluorotoluene	*48.5*		*ug/L*	*50*		*97.0*	*70-130*			
LCS Dup (B7B0823-BSD1)							Prepared & Analyzed: 02/08/17			
Gasoline Range Organics (GRO)	**457**	20	ug/L	500		91.3	75-125	6.53	30	
Surrogate: a,a,a-Trifluorotoluene	*50.3*		*ug/L*	*50*		*101*	*70-130*			
Duplicate (B7B0823-DUP1)				**Source: 7B06019-01**			Prepared & Analyzed: 02/08/17			
Gasoline Range Organics (GRO)	**265**	20	ug/L		270			1.76	30	
Surrogate: a,a,a-Trifluorotoluene	*46.4*		*ug/L*	*50*		*92.7*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B7B0823 - *** DEFAULT PREP ****										
Blank (B7B0823-BLK1)							Prepared & Analyzed: 02/08/17			
GRO as Hexane	<20	20	ug/L							
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)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD

AA Project No: A5332054
Date Received: 02/06/17
Date Reported: 04/25/17

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 B7B0823 - *** DEFAULT PREP ****										
LCS (B7B0823-BS1)				Prepared & Analyzed: 02/08/17						
GRO as Hexane	**428**	20	ug/L	500		85.6	75-125			
Surrogate: a,a,a-Trifluorotoluene	*48.5*		*ug/L*	*50*		*97.0*	*70-130*			
LCS Dup (B7B0823-BSD1)				Prepared & Analyzed: 02/08/17						
GRO as Hexane	**457**	20	ug/L	500		91.3	75-125	6.53	30	
Surrogate: a,a,a-Trifluorotoluene	*50.3*		*ug/L*	*50*		*101*	*70-130*			
Duplicate (B7B0823-DUP1)				**Source: 7B06019-01** Prepared & Analyzed: 02/08/17						
GRO as Hexane	**265**	20	ug/L		270			1.76	30	
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)	**AA Project No:**	A5332054
Project No:	04-NDLA-013	**Date Received:**	02/06/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17

Special Notes

[1] = ****** : Exceeds upper control limit.

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

176679

9765 ETON AVE., CHATSWORTH, CA 91311

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

Client: APEX/The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 091-NDLA	**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)

Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B							Special Instructions
Influent	7B06019-01	2-6-17	1054	Air	1	✓	✓	✓							
Effluent	02	2-6-17	1049	Air	1	✓	✓	✓							

SAMPLE INTEGRITY INTACT (Y) N TEMP N/A

PRIORITY SH ✓ Rush Hrs Date 2/6/17 Time 1600 Sign [signature]

A5332054/7B06019

Relinquished by	Date	Time	Received by
Glenn Androsko	2-6-17	1130	[signature]
[signature]	2/6/17	1535	[signature]

17 FEB 6 [illegible]

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

AMERICAN ANALYTICS

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

March 23, 2017

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332087 / 7C15020

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 03/15/17 16:08 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: A5332087
Date Received: 03/15/17
Date Reported: 03/23/17

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	7C15020-01	Water	5	03/15/17 09:08	03/15/17 16:08
After GAC-1	7C15020-02	Water	5	03/15/17 09:02	03/15/17 16:08
After GAC-2	7C15020-03	Water	5	03/15/17 08:57	03/15/17 16:08
Arsenic Total EPA 200.7					
Surge Tank	7C15020-01	Water	5	03/15/17 09:08	03/15/17 16:08
After Zeolite Bed	7C15020-04	Water	5	03/15/17 08:52	03/15/17 16:08
Diesel Range Organics 8015M					
Surge Tank	7C15020-01	Water	5	03/15/17 09:08	03/15/17 16:08
After GAC-1	7C15020-02	Water	5	03/15/17 09:02	03/15/17 16:08
After GAC-2	7C15020-03	Water	5	03/15/17 08:57	03/15/17 16:08

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: A5332087
Date Received: 03/15/17
Date Reported: 03/23/17
Units: ug/L

Date Sampled:	03/15/17	03/15/17	03/15/17		
Date Prepared:	03/21/17	03/21/17	03/21/17		
Date Analyzed:	03/21/17	03/21/17	03/21/17		
AA ID No:	7C15020-01	7C15020-02	7C15020-03		
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	**4.3**	<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)	<40	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	<0.40	**0.68 J**	**0.68 J**	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	94%	94%	95%	70-140	
Dibromofluoromethane	110%	113%	115%	70-140	
Toluene-d8	100%	99%	99%	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: A5332087
Date Received: 03/15/17
Date Reported: 03/23/17
Units: ug/L

Date Sampled:	03/15/17	03/15/17	03/15/17		
Date Prepared:	03/20/17	03/20/17	03/20/17		
Date Analyzed:	03/20/17	03/20/17	03/20/17		
AA ID No:	7C15020-01	7C15020-02	7C15020-03		
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	**68 J**	**61 J**	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	137%	130%	139%	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: A5332087
Date Received: 03/15/17
Date Reported: 03/23/17

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
7C15020-01	Surge Tank	03/15/17	03/21/17	03/22/17	1	**0.046**	mg/L	0.006	0.007
7C15020-04	After Zeolite Bed	03/15/17	03/21/17	03/22/17	1	**0.017**	mg/L	0.006	0.007

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332087
Date Received: 03/15/17
Date Reported: 03/23/17

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 B7C2119 - EPA 5030B										
Blank (B7C2119-BLK1)				Prepared & Analyzed: 03/21/17						
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	*47.2*		*ug/L*	*50*		*94.4*	*70-140*			
Surrogate: Dibromofluoromethane	*53.1*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Toluene-d8	*48.9*		*ug/L*	*50*		*97.7*	*70-140*			
LCS (B7C2119-BS1)				Prepared & Analyzed: 03/21/17						
tert-Amyl Methyl Ether (TAME)	**20.9**	0.30	ug/L	20		104	70-130			
Benzene	**20.6**	0.20	ug/L	20		103	75-125			
tert-Butyl alcohol (TBA)	**112**	7.0	ug/L	100		112	70-130			
Diisopropyl ether (DIPE)	**17.7**	0.50	ug/L	20		88.6	70-130			
Ethylbenzene	**21.8**	0.20	ug/L	20		109	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**17.4**	0.40	ug/L	20		86.8	70-130			
Gasoline Range Organics (GRO)	**505**	40	ug/L	500		101	70-130			
Methyl-tert-Butyl Ether (MTBE)	**45.4**	0.40	ug/L	40		113	70-135			
Toluene	**21.0**	0.30	ug/L	20		105	75-125			
o-Xylene	**23.4**	0.30	ug/L	20		117	75-125			
m,p-Xylenes	**45.6**	0.40	ug/L	40		114	70-130			
Surrogate: 4-Bromofluorobenzene	*47.5*		*ug/L*	*50*		*95.0*	*70-140*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/L*	*50*		*99.2*	*70-140*			
Surrogate: Toluene-d8	*49.1*		*ug/L*	*50*		*98.2*	*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: A5332087
Date Received: 03/15/17
Date Reported: 03/23/17

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 B7C2023 - EPA 3510C										
Blank (B7C2023-BLK1)				Prepared & Analyzed: 03/20/17						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*60.0*		*ug/L*	*40*		*150*	*50-150*			
LCS (B7C2023-BS1)				Prepared & Analyzed: 03/20/17						
Diesel Range Organics as Diesel	**838**	60	ug/L	800		105	75-125		30	
Surrogate: o-Terphenyl	*58.8*		*ug/L*	*40*		*147*	*50-150*			
LCS Dup (B7C2023-BSD1)				Prepared & Analyzed: 03/20/17						
Diesel Range Organics as Diesel	**865**	60	ug/L	800		108	75-125	3.18	30	
Surrogate: o-Terphenyl	*49.5*		*ug/L*	*40*		*124*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B7C2124 - EPA 200.7										
Blank (B7C2124-BLK1)				Prepared: 03/21/17 Analyzed: 03/22/17						
Arsenic	<0.0060	0.0060	mg/L							
LCS (B7C2124-BS1)				Prepared: 03/21/17 Analyzed: 03/22/17						
Arsenic	**1.14**	0.0060	mg/L	1.0		114	80-120		20	
LCS Dup (B7C2124-BSD1)				Prepared: 03/21/17 Analyzed: 03/22/17						
Arsenic	**1.15**	0.0060	mg/L	1.0		115	80-120	1.14	20	
Duplicate (B7C2124-DUP1)			**Source: 7C15020-04**	Prepared: 03/21/17 Analyzed: 03/22/17						
Arsenic	**0.0178**	0.0060	mg/L		0.0173			2.85	30	
Matrix Spike (B7C2124-MS1)			**Source: 7C15019-01**	Prepared: 03/21/17 Analyzed: 03/22/17						
Arsenic	**1.05**	0.0060	mg/L	1.0		105	75-125		20	
Matrix Spike Dup (B7C2124-MSD1)			**Source: 7C15019-01**	Prepared: 03/21/17 Analyzed: 03/22/17						
Arsenic	**1.07**	0.0060	mg/L	1.0		107	75-125	2.64	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332087
Project No:	04-NDLA-013	**Date Received:**	03/15/17
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	03/23/17

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

126881

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

Client: APEX/The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 091-NDLA	**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)

Please enter the TAT Turnaround Codes ** below

Client I.D.	Lab No.	Date	Time	Sample Matrix	No. of Cont	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	Special Instructions
Surge Tank	7C15020-01	3-15-17	0908	Water	5	✓	✓	✓	
After GAC-1	-02	↓	0902	Water	4	✓	✓		
After GAC-2	-03	↓	0857	Water	4	✓	✓		
After Zolite Bed	-04	↓	0852	Water	1			✓	

SAMPLE INTEGRITY
INTACT (Y) N TEMP 5°

REVIEWED
Date 3/15/17 Time 1709
TAT 10 Days Sign

AS332087/7C15020

Relinquished by	Date	Time	Received by
Glenn Androsko	3-15-17	14:10	
	3/15/17	1608	

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 25, 2017

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332084 / 7C15017

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 03/15/17 16:08 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: A5332084
Date Received: 03/15/17
Date Reported: 04/25/17

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	7C15017-01	Vapor	5	03/15/17 08:23	03/15/17 16:08
VOCs Gasoline Range Organics Vapor					
Influent	7C15017-01	Vapor	5	03/15/17 08:23	03/15/17 16:08
VOCs GRO Vapor as Hexane					
Influent	7C15017-01	Vapor	5	03/15/17 08:23	03/15/17 16:08

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332084
Project No:	04-NDLA-013	**Date Received:**	03/15/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	03/15/17
Dilution:	1	**Prepared:**	03/17/17
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	03/17/17

Influent

7C15017-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**1.7**	ug/L	0.50	**0.53**	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	**0.90**	ug/L	0.50	**0.24**	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	95.9 %	70-140
Dibromofluoromethane	112 %	70-140
Toluene-d8	96.4 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332084
Project No:	04-NDLA-013	**Date Received:**	03/15/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	03/15/17
Dilution:	1	**Prepared:**	03/17/17
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	03/17/17

Influent

7C15017-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**310**	ug/L	20	**76**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	94.4 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332084
Project No:	04-NDLA-013	**Date Received:**	03/15/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	03/15/17
Dilution:	1	**Prepared:**	03/17/17
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	03/17/17

Influent

7C15017-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**310**	ug/L	20	**88**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	94.4 %	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: A5332084
Date Received: 03/15/17
Date Reported: 04/25/17

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 B7C1702 - *** DEFAULT PREP ****										
Blank (B7C1702-BLK1)				Prepared & Analyzed: 03/17/17						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*47.0*		*ug/L*	*50*		*93.9*	*70-140*			
Surrogate: Dibromofluoromethane	*55.7*		*ug/L*	*50*		*111*	*70-140*			
Surrogate: Toluene-d8	*48.2*		*ug/L*	*50*		*96.4*	*70-140*			
LCS (B7C1702-BS1)				Prepared & Analyzed: 03/17/17						
Benzene	**19.1**	0.50	ug/L	20		95.6	75-125			
Ethylbenzene	**21.0**	0.50	ug/L	20		105	75-125			
Methyl-tert-Butyl Ether (MTBE)	**47.8**	2.0	ug/L	40		119	75-125			
Toluene	**19.9**	0.50	ug/L	20		99.3	75-125			
o-Xylene	**22.6**	0.50	ug/L	20		113	75-125			
m,p-Xylenes	**44.4**	1.0	ug/L	40		111	75-125			
Surrogate: 4-Bromofluorobenzene	*46.6*		*ug/L*	*50*		*93.3*	*70-140*			
Surrogate: Dibromofluoromethane	*46.1*		*ug/L*	*50*		*92.2*	*70-140*			
Surrogate: Toluene-d8	*47.2*		*ug/L*	*50*		*94.3*	*70-140*			
LCS Dup (B7C1702-BSD1)				Prepared & Analyzed: 03/17/17						
Benzene	**20.8**	0.50	ug/L	20		104	75-125	8.56	30	
Ethylbenzene	**20.1**	0.50	ug/L	20		100	75-125	4.67	30	
Methyl-tert-Butyl Ether (MTBE)	**47.2**	2.0	ug/L	40		118	75-125	1.14	30	
Toluene	**18.9**	0.50	ug/L	20		94.5	75-125	4.95	30	
o-Xylene	**21.8**	0.50	ug/L	20		109	75-125	3.33	30	
m,p-Xylenes	**42.9**	1.0	ug/L	40		107	75-125	3.48	30	
Surrogate: 4-Bromofluorobenzene	*48.6*		*ug/L*	*50*		*97.2*	*70-140*			
Surrogate: Dibromofluoromethane	*51.0*		*ug/L*	*50*		*102*	*70-140*			
Surrogate: Toluene-d8	*48.4*		*ug/L*	*50*		*96.7*	*70-140*			
Duplicate (B7C1702-DUP1)				**Source: 7C16014-04** Prepared & Analyzed: 03/17/17						

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: A5332084
Date Received: 03/15/17
Date Reported: 04/25/17

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 B7C1702 - *** DEFAULT PREP ****										
Duplicate (B7C1702-DUP1) Continued				**Source: 7C16014-04**			Prepared & Analyzed: 03/17/17			
Benzene	**<0.25**	0.25	ug/L						30	
Ethylbenzene	**<0.25**	0.25	ug/L						30	
Methyl-tert-Butyl Ether (MTBE)	**<1.0**	1.0	ug/L						30	
Toluene	**<0.25**	0.25	ug/L						30	
o-Xylene	**<0.25**	0.25	ug/L						30	
m,p-Xylenes	**<0.50**	0.50	ug/L						30	
Surrogate: 4-Bromofluorobenzene	*22.8*		*ug/L*	*25*		*91.3*	*70-140*			
Surrogate: Dibromofluoromethane	*30.2*		*ug/L*	*25*		*121*	*70-140*			
Surrogate: Toluene-d8	*24.1*		*ug/L*	*25*		*96.2*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B7C1703 - *** DEFAULT PREP ****										
Blank (B7C1703-BLK1)							Prepared & Analyzed: 03/17/17			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*45.8*		*ug/L*	*50*		*91.6*	*70-130*			
LCS (B7C1703-BS1)							Prepared & Analyzed: 03/17/17			
Gasoline Range Organics (GRO)	**448**	20	ug/L	500		89.6	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.2*		*ug/L*	*50*		*94.3*	*70-130*			
LCS Dup (B7C1703-BSD1)							Prepared & Analyzed: 03/17/17			
Gasoline Range Organics (GRO)	**468**	20	ug/L	500		93.6	75-125	4.37	30	
Surrogate: a,a,a-Trifluorotoluene	*52.2*		*ug/L*	*50*		*104*	*70-130*			
Duplicate (B7C1703-DUP1)				**Source: 7C15017-01**			Prepared & Analyzed: 03/17/17			
Gasoline Range Organics (GRO)	**301**	20	ug/L		307			1.95	30	
Surrogate: a,a,a-Trifluorotoluene	*44.0*		*ug/L*	*50*		*88.0*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B7C1703 - *** DEFAULT PREP ****										
Blank (B7C1703-BLK1)							Prepared & Analyzed: 03/17/17			
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*45.8*		*ug/L*	*50*		*91.6*	*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: A5332084
Date Received: 03/15/17
Date Reported: 04/25/17

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 B7C1703 - *** DEFAULT PREP ****										
LCS (B7C1703-BS1)				Prepared & Analyzed: 03/17/17						
GRO as Hexane	**448**	20	ug/L	500		89.6	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.2*		*ug/L*	*50*		*94.3*	*70-130*			
LCS Dup (B7C1703-BSD1)				Prepared & Analyzed: 03/17/17						
GRO as Hexane	**468**	20	ug/L	500		93.6	75-125	4.37	30	
Surrogate: a,a,a-Trifluorotoluene	*52.2*		*ug/L*	*50*		*104*	*70-130*			
Duplicate (B7C1703-DUP1)			**Source: 7C15017-01**	Prepared & Analyzed: 03/17/17						
GRO as Hexane	**301**	20	ug/L		307			1.95	30	
Surrogate: a,a,a-Trifluorotoluene	*44.0*		*ug/L*	*50*		*88.0*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332084
Project No:	04-NDLA-013	**Date Received:**	03/15/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

126878

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

Client: APEX/The Source Group, Inc.	**Project Name / No.:** DFSP - Norwalk / 091-NDLA	**Sampler's Name:** Glenn Androsko	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Androsko	
Phone: 562-597-1055	**City:** Norwalk	**P.O. No.:**	
Fax: 569-597-1070	**State & Zip:** CA 90650	**Quote No.:**	

TAT Turnaround Codes **

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

ANALYSIS REQUESTED (Test Name)

Client I.D.	Lab I.D.	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B								Special Instructions
						Please enter the TAT Turnaround Codes ** below										
Influent	7C15017-01	3-15-17	0823	Air	1	✓	✓	✓								
Effluent	-02	3-15-17	0817	Air	1	✓	✓	✓								

SAMPLE INTEGRITY
INTACT (Y) N TEMP 2°

PRIORITY
Rush
Date 3/15/17 Time 1208 Sign
SH
Hrs

'17 MAR 15

A5332084/7C15017

Relinquished by	Date	Time	Received by
Glenn Androsko	3-15-17	1410	
Relinquished by	3/15/17	1608	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 25, 2017

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332098 / 7C28024

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 03/28/17 18:59 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: A5332098
Date Received: 03/28/17
Date Reported: 04/25/17

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
VOCs BTEX/MTBE Vapor GC/MS					
Influent	7C28024-01	Vapor	5	03/27/17 16:10	03/28/17 18:59
VOCs Gasoline Range Organics Vapor					
Influent	7C28024-01	Vapor	5	03/27/17 16:10	03/28/17 18:59
VOCs GRO Vapor as Hexane					
Influent	7C28024-01	Vapor	5	03/27/17 16:10	03/28/17 18:59

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332098
Project No:	04-NDLA-013	**Date Received:**	03/28/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	03/27/17
Dilution:	1	**Prepared:**	03/30/17
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	03/30/17

Influent

7C28024-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**2.9**	ug/L	0.50	**0.91**	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	**1.6**	ug/L	0.50	**0.42**	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	<1.0	ug/L	1.0	<0.23	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	96.9 %	70-140
Dibromofluoromethane	109 %	70-140
Toluene-d8	93.1 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332098
Project No:	04-NDLA-013	**Date Received:**	03/28/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	03/27/17
Dilution:	1	**Prepared:**	03/29/17
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	03/29/17

Influent

7C28024-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**600**	ug/L	20	**150**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	97.4 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332098
Project No:	04-NDLA-013	**Date Received:**	03/28/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17
Matrix:	Vapor	**Sampled:**	03/27/17
Dilution:	1	**Prepared:**	03/29/17
Method:	Gasoline Range Organics in Vapor as Hexane	**Analyzed:**	03/29/17

Influent

7C28024-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
GRO as Hexane	**600**	ug/L	20	**170**	ppmv	5.7

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	97.4 %	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: A5332098
Date Received: 03/28/17
Date Reported: 04/25/17

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 B7C3020 - *** DEFAULT PREP ****										
Blank (B7C3020-BLK1)				Prepared & Analyzed: 03/30/17						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*47.3*		*ug/L*	*50*		*94.6*	*70-140*			
Surrogate: Dibromofluoromethane	*60.8*		*ug/L*	*50*		*122*	*70-140*			
Surrogate: Toluene-d8	*46.0*		*ug/L*	*50*		*91.9*	*70-140*			
LCS (B7C3020-BS1)				Prepared & Analyzed: 03/30/17						
Benzene	**23.7**	0.50	ug/L	20		118	75-125			
Ethylbenzene	**22.7**	0.50	ug/L	20		113	75-125			
Methyl-tert-Butyl Ether (MTBE)	**47.8**	2.0	ug/L	40		119	75-125			
Toluene	**22.0**	0.50	ug/L	20		110	75-125			
o-Xylene	**23.4**	0.50	ug/L	20		117	75-125			
m,p-Xylenes	**46.2**	1.0	ug/L	40		115	75-125			
Surrogate: 4-Bromofluorobenzene	*50.8*		*ug/L*	*50*		*102*	*70-140*			
Surrogate: Dibromofluoromethane	*53.4*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*47.5*		*ug/L*	*50*		*94.9*	*70-140*			
LCS Dup (B7C3020-BSD1)				Prepared & Analyzed: 03/30/17						
Benzene	**23.8**	0.50	ug/L	20		119	75-125	0.506	30	
Ethylbenzene	**19.8**	0.50	ug/L	20		99.2	75-125	13.5	30	
Methyl-tert-Butyl Ether (MTBE)	**45.5**	2.0	ug/L	40		114	75-125	4.91	30	
Toluene	**18.9**	0.50	ug/L	20		94.4	75-125	15.0	30	
o-Xylene	**20.7**	0.50	ug/L	20		104	75-125	12.1	30	
m,p-Xylenes	**40.6**	1.0	ug/L	40		101	75-125	12.9	30	
Surrogate: 4-Bromofluorobenzene	*49.0*		*ug/L*	*50*		*98.0*	*70-140*			
Surrogate: Dibromofluoromethane	*55.6*		*ug/L*	*50*		*111*	*70-140*			
Surrogate: Toluene-d8	*41.5*		*ug/L*	*50*		*83.0*	*70-140*			
Duplicate (B7C3020-DUP1)				**Source: 7C28024-02** Prepared & Analyzed: 03/30/17						

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: A5332098
Date Received: 03/28/17
Date Reported: 04/25/17

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 B7C3020 - *** DEFAULT PREP ****										
Duplicate (B7C3020-DUP1) Continued				**Source: 7C28024-02**			Prepared & Analyzed: 03/30/17			
Benzene	**<0.12**	0.12	ug/L						30	
Ethylbenzene	**<0.12**	0.12	ug/L						30	
Methyl-tert-Butyl Ether (MTBE)	**<0.50**	0.50	ug/L						30	
Toluene	**<0.12**	0.12	ug/L						30	
o-Xylene	**<0.12**	0.12	ug/L						30	
m,p-Xylenes	**<0.25**	0.25	ug/L						30	
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/L*	*25*		*96.5*	*70-140*			
Surrogate: Dibromofluoromethane	*29.0*		*ug/L*	*25*		*116*	*70-140*			
Surrogate: Toluene-d8	*23.2*		*ug/L*	*25*		*92.6*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B7C2924 - *** DEFAULT PREP ****										
Blank (B7C2924-BLK1)							Prepared & Analyzed: 03/29/17			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*45.4*		*ug/L*	*50*		*90.8*	*70-130*			
LCS (B7C2924-BS1)							Prepared & Analyzed: 03/29/17			
Gasoline Range Organics (GRO)	**451**	20	ug/L	500		90.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.0*		*ug/L*	*50*		*94.0*	*70-130*			
LCS Dup (B7C2924-BSD1)							Prepared & Analyzed: 03/29/17			
Gasoline Range Organics (GRO)	**459**	20	ug/L	500		91.7	75-125	1.71	30	
Surrogate: a,a,a-Trifluorotoluene	*50.2*		*ug/L*	*50*		*100*	*70-130*			
Duplicate (B7C2924-DUP1)				**Source: 7C28024-01**			Prepared & Analyzed: 03/29/17			
Gasoline Range Organics (GRO)	**599**	20	ug/L		601			0.427	30	
Surrogate: a,a,a-Trifluorotoluene	*50.8*		*ug/L*	*50*		*102*	*70-130*			
Gasoline Range Organics in Vapor as Hexane - Quality Control										
*Batch B7C2924 - *** DEFAULT PREP ****										
Blank (B7C2924-BLK1)							Prepared & Analyzed: 03/29/17			
GRO as Hexane	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*45.4*		*ug/L*	*50*		*90.8*	*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: A5332098
Date Received: 03/28/17
Date Reported: 04/25/17

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 B7C2924 - *** DEFAULT PREP ****										
LCS (B7C2924-BS1)				Prepared & Analyzed: 03/29/17						
GRO as Hexane	**451**	20	ug/L	500		90.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*47.0*		*ug/L*	*50*		*94.0*	*70-130*			
LCS Dup (B7C2924-BSD1)				Prepared & Analyzed: 03/29/17						
GRO as Hexane	**459**	20	ug/L	500		91.7	75-125	1.71	30	
Surrogate: a,a,a-Trifluorotoluene	*50.2*		*ug/L*	*50*		*100*	*70-130*			
Duplicate (B7C2924-DUP1)			**Source: 7C28024-01**	Prepared & Analyzed: 03/29/17						
GRO as Hexane	**599**	20	ug/L		601			0.427	30	
Surrogate: a,a,a-Trifluorotoluene	*50.8*		*ug/L*	*50*		*102*	*70-130*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332098
Project No:	04-NDLA-013	**Date Received:**	03/28/17
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/25/17

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

126976

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

Client:	APEX/The Source Group, Inc.	**Project Name / No.:**	DFSP - Norwalk / 091-NDLA	**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 Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B							Special Instructions
						Please enter the TAT Turnaround Codes ** below									
Influent		3-27-15	1610	Air	1	✓	✓	✓							
Effluent		3-27-15	1615	Air	1	✓	✓	✓							

PRIORITY
Rush Hrs
Date 3/27 Time 5:20 Sign SH

17 MAR 28

AS332098/7C28029

Relinquished by	Date	Time	Received by
Glenn Androsko	3-28-17	13:20	
Relinquished by	Date	Time	Received by
	3/28/17	1859	
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.

APPENDIX B

WASTE MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CA8971524360	1	(310) 241-2833	009712037 FLE

GENERATOR

5. Generator's Name and Mailing Address
Defense Logistics Agency Installation Support for Energy
3171 North Gaffey St. Attn: Wayne Worthington
San Pedro, CA 90731 (310) 241-2833
Generator's Phone:

Generator's Site Address (if different than mailing address)
DFSP Norwalk
15306 Norwalk Blvd.
Norwalk, CA 90650

6. Transporter 1 Company Name
Nieto and Sons Trucking, Inc.
U.S. EPA ID Number
CAT080016116

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
DeMenno Kerdoon (Attn: Hannah)
2000 N. Alameda Street
Compton, CA 90222 (310) 537-7100
Facility's Phone:
U.S. EPA ID Number
CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, Flammable Liquid, n.o.s., 3, PGII (contains jet fuel)	001	TT	1230	G	134
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG# 128 / Jet Fuels & Groundwater
SGI/APEX Contact: Glenn Androska
(714) 608-1089
WEAR ALL APPROPRIATE PROTECTIVE CLOTHING
BESI PO # 277747
Profile 406367

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Todd E.H. Williams
Signature: X
Month 01 Day 27 Year 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: X Lupe Flores
Signature:
Month 01 Day 27 Year 17
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H039			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: SOPHAL P. SIVAY
Signature:
Month 01 Day 27 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

15306NOR
1539510