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August 15, 2018

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, Second Quarter 2018, 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 second quarter of 2018.

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,

William Y Potter

Digitally signed by
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Date: 2018.08.15 13:39:20 -04'00'

William Y. Potter
Chief, Restoration Branch

Enclosure
As stated

cc:
Mike Wood, Senior Engineer, The Source Group, Inc.

REMEDIATION STATUS REPORT - SECOND QUARTER 2018

DEFENSE FUEL SUPPORT POINT NORWALK
15306 Norwalk Boulevard
Norwalk, California

SGI Project No. 091-NDLA-018
DLA Energy Contract No. SPO600-14-D-5410, Task Order 0018

Prepared For:

Defense Logistics Agency Installation Operations Energy (DF-FEE) Restoration Branch
8725 John J. Kingman Drive
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For Submittal To:

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August 15, 2018

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

1.0 INTRODUCTION

On behalf of our client, Defense Logistics Agency Installation Operations Energy (DF-FEE) Restoration Branch (DLA Energy), The Source Group, Inc. (SGI) presents this report to summarize remediation system operations during this reporting period (Second Quarter 2018 - April 1, 2018 through June 30, 2018) 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 southerly 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 (see SGI's January 2018 *Shallow Soil Closure Report*). An automated product recovery system was additionally brought online during August 2016 following the completion of installation and permitting work during July 2016, and soil vapor extraction and/or biosparge wells were recently installed during November 2016, June/July 2017 and November/December 2017 as part of ongoing remedial expansion activities.

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 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 system utilizes electric pumps in each of the GWE wells to extract groundwater into a shared surge tank. Groundwater is then pumped from the surge tank through three particulate removal bag filter vessels in series (BF1, BF2, and BF3), two MYCELX vessels in series (MX-7 and MX-21) for the removal of any potential residual free product and/or oils/grease, three granular activated carbon (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 in series for copper and arsenic treatment prior to being discharged to the storm drain.

Operation of the groundwater extraction and treatment system (GWETS) is conducted in accordance with National Pollutant Discharge Elimination System (NPDES) permit CAG994004, CI No. 7585 and South Coast Air Quality Management District (SCAQMD) Permit to Operate G6962, A/N 501180. Active GWE wells are identified in Section 3.1 and Tables 2A through 2C.

1.2.2 Soil Vapor Extraction Systems

As illustrated on Figure 2, the SVE well network for hydrocarbon extraction from vadose zone subsurface impacts historically includes wells installed in the following areas: former above ground storage tank (AST) basin 80001 (VEW-23), former AST basins 80006 and 80007 (VEW-22, HW-1 and HW-3), former AST basin 80008 (HW-5, and HW-7), former AST basin 55004 (VEW-28, VEW-29, and VEW-30), northeastern boundary area (VEW-32, VEW-33, VEW-34, VEW-35, VEW-36, and VEW-37), and southern former truck fueling and water tank area (VEW-31, VEW-38, VEW-39, VEW-40, VW-07, VW-09, VW-10, VW-11, VW-12, VW-13, VW-14, VW-15, and VW-16).

Several new SVE wells located within the former truck fueling area, and northeastern and southern areas of the Site were installed during November 2016 and June/July 2017 (SGI's June 30, 2017 *Remediation Well Installation Update Report*) were brought online during June 2017 (VEW-38, VEW-39 and VEW-40) and August 2017 (i.e., RW-1, RW-2, RW-7, RW-9, RW-12, RW-13, RW-18, RW-20 through RW-24, RW-26, and RW-28 through RW-33) following the completion of tie-in work to the carbon vapor extraction system (VES). Most of these wells were subsequently tied into the thermal oxidizer VES during late December 2017/early January 2018 prior to the January 8, 2018 startup of this system with the carbon VES being utilized to exclusively extract from three of the four horizontal wells (HW-1, HW-5 and HW-7) that span through the entire former tank farm area since 2018. Additionally, tie-in of wells RW-2 through RW-8, RW-10 through RW-12, and RW-14 through RW-17 to the thermal oxidizer VES was completed on February 14, 2018.

Each 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. For both systems, accumulated moisture within the knockout tank is treated by the GWETS, as described in the preceding section. Following is a brief summary of each VES.

1.2.2.1 Carbon Vapor Extraction System

Soil vapors from the carbon VES knockout tank are treated via four 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 carbon VES is conducted in accordance with SCAQMD Permit to Construct A/N 568793, formerly Permit to Operate G12863, A/N 518989. The current Permit to Construct was issued on March 6, 2015 to additionally allow for aboveground soil treatment activities at the Site which were completed in March 2017 (see Section 1.2.5 for further details). Active SVE wells associated with the system are identified in Section 3.2 and Tables 3A through 3C.

1.2.2.2 Thermal Oxidizer Vapor Extraction System

Startup of the recently installed thermal oxidizer VES began on January 8, 2018 following the completion of system shakedown/testing activities during early January 2018. As detailed previously (SGI's May 15, 2018 *Remediation Status Report - First Quarter 2018*) and herein, this system is a temporary unit that was able to be deployed and brought online in a relatively short period of time for the purpose of feasibly treating vapors associated with high concentration extraction wells (i.e., VEW and RW wells listed above with concentrations greater than approximately 500 parts per million [ppm] that were originally tied into the carbon VES during late June and late August 2017 as part of ongoing remediation expansion activities at the Site). The existing thermal oxidizer VES can continue to be operated for up to a year under SCAQMD Various Locations Permit F97121 pending the completion of permitting and installation work associated with the future permanent full-scale system.

Thus, the temporary thermal oxidizer VES is helping to cost-effectively accelerate the overall remediation project until the permanent unit can be brought online while also allowing the carbon VES to reduce carbon usage by being able to focus on relatively low concentration horizontal wells which span through the entire former UST area/provide for comprehensive vadose zone cleanup. Soil vapors extracted via the existing thermal oxidizer VES are heated to a minimum temperature of 1,400 °F prior to atmospheric discharge from a 13-foot tall stack. Active SVE wells associated with the system are identified in Section 3.2 and Tables 4A through 4C.

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 has been off-line since the advent of recently completed soil cleanup activities per SGI's January 2018 *Shallow Soil Closure Report*. The system remains off-line while recommissioning work continues in accordance with SGI's June 30, 2017 *Remediation Well Installation Update Report*. Biosparge system operations are anticipated to resume on an expanded basis later this year.

1.2.4 LNAPL Removal

LNAPL removal at the site is accomplished via both physical and automated processes. Select wells are gauged approximately once every two weeks, and product removal is conducted via manually bailing, active pumping using a portable product skimmer and/or by utilizing absorbent socks installed based on the measured LNAPL thickness in each target well.

An automated product recovery system connected to wells located in the north-central portion of the site has also operated since August 2016. LNAPL removal wells are identified in Sections 3.3 and 3.4, and Tables 5A through 5M. A map showing historical and current LNAPL extents is presented in Figure 3. As Figure 3 indicates, LNAPL removal activities to date have significantly reduced the product plume footprint.

1.2.5 Aboveground Soil Treatment

Per SGI's May 1, 2015 *Remediation Status Report - First Quarter 2015*, the excavation of impacted vadose zone soils at the Site began during January 2015 with soil biopiles initially connected to the carbon VES and brought online April 24, 2015 following the completion of aboveground treatment cell construction activities. Treatment was achieved via the construction of soil biopiles that were connected to the carbon VES for SCAQMD permit compliance purposes. Biopile operations, maintenance and monitoring (OM&M) continued until March 20, 2017 after a final phase of limited additional cross-trenching and excavation work with the remaining treatment cells being subsequently disconnected.

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. Details associated with the OM&M of the biopiles are provided in prior remediation status reports. Further details regarding treatment cell construction and excavated soil cleanup activities are provided in SGI's January 2018 *Shallow Soil Closure Report.*

1.2.6 Soil Management

Following the completion of the aboveground soil treatment project in March 2017, soil was generated during remedial expansion activities, including conveyance line trenching and the associated drilling of wells, where the upper sections of each boring were segregated by PID measurements and confirmation laboratory sampling results. Approximately 135 tons of soil from deeper sections of the boreholes was placed in bins and hauled off-site for disposal to Chiquita Canyon Landfill (SGI's July 13, 2018 *Well Installation Report*). The segregated clean soil (approximately 70 cubic yards) was tested via the collection of eight samples with all of the analytical results yielding non-detectable concentrations with the exception of toluene which was measured in one sample at 0.0023 mg/kg (significantly below the soil cleanup goal of 0.355 mg/kg). These results/findings indicated the soil was appropriate for reuse (SGI's May 18, 2018 *Request for Soil Reuse, Soil from Drilling and Conveyance Piping Excavation*).

The RWQCB previously approved the March 8, 2012 *Onsite Soil Management Plan* prepared and amended by Parsons Corporation (Parsons May 2012 *Response to April 10, 2012 RWQCB Comments on Onsite Soil Management Plan*). Both documents and the RWQCB approval (February 26, 2014) specified the number of samples and analytical requirements. Soil generated from recent trenching and drilling operations at the Site was tested according to that approved soil management plan protocol. As documented in SGI's May 18, 2018 report, the results indicated by comparison to the soil cleanup goals (SGI's July 9, 2015 *Proposed Addendum to the Soil Cleanup Goals* approved by the RWQCB on July 16, 2015), that the soil is suitable for reuse as shallow soil. Consequently, the segregated clean soil generated as part of recent remedial expansion activities was re-used on site earlier this year.

2.0 OPERATIONS, MAINTENANCE AND MONITORING

OM&M of the remediation systems included the following tasks:

- Performed minimum weekly maintenance and monitoring of the carbon VES, thermal oxidizer VES and GWETS during operation;
- Collected and analyzed influent and effluent vapor samples from the carbon VES and thermal oxidizer VES;
- Collected and analyzed influent and effluent groundwater samples from the GWETS;
- Performed weekly LNAPL removal from applicable wells via bailing, skimming and/or absorbent socks; and
- Performed weekly gauging of wells connected to the product recovery system along with adjusting associated pump cycle durations and frequencies to optimize LNAPL removal, and additionally monitored for thicknesses sufficient to resume pumping in off-line wells while continuing extraction efforts from wells TF-18, RTF-18-N, RTF-18-W, and RTF-18-NW (wells RTF-18-NNW and RTF-18-E off-line since late January 2017 and mid-March 2018, respectively, due to insufficient yield with pumping anticipated to resume from these wells during the next reporting period), and initiating extraction from north-central area wells TFR-12 and TFR-29 (mid-April 2018 to late May 2018 with both pumps temporarily taken off-line through the end of the reporting period to conduct remedial expansion related trenching and piping work in the vicinity of these wells).

Remediation system inspections were performed on a regular 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 Groundwater Extraction and Treatment System

The GWETS was off-line during the majority of April and May 2018 to conduct NPDES permit discharge compliance confirmation sampling/monitoring activities (early to mid-April 2018 and mid to late May 2018), routine groundwater monitoring and sampling work (mid to late April 2018), and system maintenance (early to mid-May 2018). Regular GWETS operations resumed from late May 2018 through the end of the reporting period. System OM&M details and monthly performance results for April, May and June 2018 are summarized in Tables 2A, 2B and 2C, respectively.

Performance and compliance water samples from the GWETS were collected during the reporting period on April 2, May 2, May 23 and June 4, 2018. The water 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 water samples were analyzed for the following:

- TPHg (total petroleum hydrocarbons quantified as gasoline) and TPH quantified as diesel (TPHd) using United States Environmental Protection Agency (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 July 13, 2018 *Groundwater Discharge Monitoring Report*. A historical summary of influent water analytical sample results is provided in Table 6. The laboratory analytical reports and chain-of-custody documents for these samples are included in Appendix A. As the results indicate, GWETS concentrations continue to be at or near historically low/asymptotic levels with maximum TPHd, benzene and MTBE concentrations this period of 130 micrograms per liter (µg/L), 2.9 µg/L and 0.74 µg/L, respectively. Maximum historic levels for these constituents are 6,300 µg/L (May 2013), 230 µg/L (February 2015) and 7.7 µg/L (June 2008), respectively.

2.2 Soil Vapor Extraction Systems

The carbon VES operated for the entire reporting except for some temporary off-line periods on April 10, April 30 and June 27, 2018 to conduct carbon change out work. System operations otherwise occurred throughout the remainder of the reporting period. System OM&M details and performance results for April, May and June 2018 are summarized in Tables 3A, 3B and 3C, respectively.

Startup of the thermal oxidizer VES occurred during the prior reporting period on January 8, 2018 following procurement of the unit during November 2017 (including the permitting/installation of a propane tank), completion of all necessary electrical upgrade work during December 2017, and system shakedown/testing activities during early January 2018. System operational hours increased relative to the prior reporting period but were again limited to daytime hours this period due to ongoing noise concerns from nearby residents (despite the implementation of noise abatement measures which began during January/February 2018 and included both sound blankets and a blower/motor

enclosure). Since installation of the future full-scale thermal oxidizer VES (3,000 scfm) to replace the existing temporary unit (500 scfm) is anticipated to be completed before the end of the next reporting period, SGI plans to continue operating this smaller system during daytime hours only until the permanent system (designed to more comprehensively address residential concerns and allow full-time operations to commence) is brought online. System OM&M details and performance results for April, May and June 2018 are summarized in Tables 4A, 4B and 4C, respectively.

As discussed in SGI's May 15, 2018 *Remediation Status Report - First Quarter 2018,* the temporary thermal oxidizer VES is intended to treat vapors associated with the relatively high concentration extraction wells that were originally tied into the carbon VES during late June and early August 2017 as part of ongoing remediation expansion activities at the Site. All such wells that have since been installed and connected for cleanup cannot be feasibly treated via the carbon VES. Thus, the temporary thermal oxidizer VES is helping to cost-effectively accelerate the overall remediation project until the permanent unit can be installed and permitted while also allowing the carbon VES to reduce carbon usage by being able to focus on relatively low concentration horizontal wells which span through the entire former UST area/provide for comprehensive vadose zone cleanup.

Compliance and/or performance soil vapor samples from both the carbon and thermal oxidizer vapor extraction systems were collected in Tedlar bags during the reporting period on April 2, May 2, and June 6, 2018. All vapor samples were delivered to ELAP certified American for analysis.

The vapor samples were analyzed for the following:

- TPHg using EPA Method 8015; and
- BTEX and MTBE using EPA Method 8260B.

Historical summaries of influent vapor analytical sampling results for the carbon VES and thermal oxidizer VES are provided in Tables 7 and 8, respectively. The laboratory analytical reports and chain-of-custody documents for these samples are included in Appendix A. As the Table 7 results indicate, carbon VES concentrations have declined since the additional, relatively high concentration extraction wells, are now tied into the thermal oxidizer VES. Maximum gasoline range organic (GRO), benzene and MTBE concentrations this period are 7,100 µg/L (thermal oxidizer VES), 13 µg/L (thermal oxidizer VES) and ND <2.0 µg/L, respectively. Maximum historic levels for these constituents were previously 2,500 µg/L for GRO (September 2017) and 3.9 µg/L for benzene (September 2017). MTBE has never been detected.

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 approximately every two weeks during the quarter. 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 5A through 5E 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. The system consists of six pneumatically activated product removal pumps (two additional pumps were procured during October 2017 in response to increasing LNAPL thickness trends from the prior reporting period) deployed in key wells located in the north-central portion of the Site.

All 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. LNAPL removal is determined individually for wells with product removal pumps based on interpolating the total volume of product collected in the AST during a given quarter and periodically measuring the volume of LNAPL recovered per cycle for each pump (i.e., portion of total AST product volume assigned to each pump calculated from well-specific cycle duration and frequency values programmed on the basis of current gauging and yield data).

Product recovery system OM&M continued through the current reporting period. Per SGI's January 18, 2017 *TF-18 Area LNAPL Recovery Report and Interim Work Plan,* enhanced LNAPL recovery testing was also conducted during October and November 2017. Activities included vacuum-enhanced product skimming, bail down and total fluid extraction testing, and a bench-scale surfactant treatability study using soil, groundwater and LNAPL samples collected during June 2017 following the installation of pilot test wells around existing well RTF-18-NW. Details associated with these activities are provided in SGI's July 2018 *LNAPL Recovery Investigation Report.* Product recovery system OM&M details during this quarter are provided in Tables 5F through 5M.

2.5 Biosparge System

The biosparge system remains off-line as recommissioning efforts continue. The biosparge wells associated with the original system are located in areas throughout the former tank farm and eastern boundary of the Site. As summarized on Table 1, several of these wells were abandoned to allow for the excavation of impacted soil from the area at or surrounding each respective well (see Sections 1.2.5 and 1.2.6) or were confirmed to be missing/destroyed during September 2016 field reconnaissance work.

Dual-nested soil vapor extraction and biosparge wells RW-1 through RW-34 were recently installed during late June and early July 2017 with additional wells being installed during November and December 2017 (Table 1). All of these wells were installed as part of ongoing remedial expansion activities to target impacts in the northeastern, central and former truck fueling areas of the Site (Figure 2) in accordance with SGI's March 14, 2017 *Well Replacement Report and Work Plan,* and June 30, 2017 *Remediation Well Installation Update Report.*

3.0 SUMMARY OF REMEDIATION PROGRESS

The following sections describe remedial progress at the Site.

3.1 Groundwater Extraction and Treatment System

The GWETS again extracted groundwater from the northwest (GW-2 and GW-13) and northeast (GW-15 and GW-16) areas of the Site during the reporting period. The total volume of groundwater extracted by the GWETS this quarter was approximately 482,184 gallons, and an estimated 78,385,219 gallons have been extracted since April 1996.

A lower than normal volume of groundwater was extracted during the reporting period as NPDES permit discharge compliance confirmation sampling/monitoring activities needed to be conducted from approximately early to mid-April 2018, and mid to late May 2018. Routine groundwater monitoring and sampling work was also performed from mid to late April 2018, and system maintenance was additionally required from early to mid-May 2018. As a result, only a total of a couple weeks of extraction occurred from the beginning of the reporting period until May 29, 2018 when regular full-time operations resumed through end of the reporting period.

Based on the TPHd results for influent water samples and total groundwater extracted, the mass of TPHd removed by GWE this period (Second Quarter 2018) was approximately 0.2 pounds, and an estimated 9,946 pounds have been removed since April 1996 (Table 2C).

3.2 Soil Vapor Extraction Systems

During the reporting period, the carbon VES focused entirely on three of the four horizontal wells that span through the entire former tank farm area (i.e., HW-1, HW-5 and HW-7). Well HW-3 again remained off-line after it was first determined to be yielding minimal flow during July 2017, and subsequently scoped and confirmed to be collapsed in two separate locations during November 2017. Testing from the southern end of the well is planned for next quarter since the area where it has collapsed is over is over 100 feet from the connection point.

Prior to the January 8, 2018 startup of the thermal oxidizer VES, vertical wells VEW-38, VEW-39 and VEW-40 (tied into the carbon VES during Second Quarter 2017 and located in the former truck fueling area; see Figure 2) were also disconnected from the carbon VES and tied into this new system (along with wells RW-1, RW-9, RW-13, RW-18 and RW-26). Tie in of wells RW-2 through RW-8, RW-10 through RW-12, and RW-14 through RW-17 to the thermal oxidizer VES was additionally completed on February 14, 2018. Wells RW-2, RW-3, RW-6, RW-8, RW-12 and RW-15 through RW-17 were turned off on March 14, 2018 due to low vapor concentrations. Tie-in of wells RW-19, RW-20, RW-22, RW-24, RW-27 through RW-30, RW-32, RW-33, RW-35 through RW-38, and RW-40 through RW-50 was most recently completed on June 27, 2018.

During April and May 2018, wells VEW-38, VEW-40, RW-1, RW-4, RW-5, RW-7, RW-9 through RW-11, RW-13, RW-14, RW-18 and RW-26 were used as the extraction points based on field PID

readings (Tables 9A through 9C) and laboratory concentrations (Table 10). Wells VEW-38, VEW-40, RW-7 and RW-26 were taken off-line on June 6, 2018 with well VEW-39 being brought online until June 27, 2018 when wells VEW-38, VEW-40, RW-19, RW-20, RW-22, RW-24, RW-26 through RW-30, RW-32, RW-33, RW-35 through RW-38 and RW-40 through RW-50 were used as the extraction points based on field PID readings (Tables 9A through 9D) and laboratory concentrations (Table 10).

Since the recently installed northeastern and southern area wells generally exhibit concentrations beyond what can feasibly be processed by the carbon VES (without simultaneous extraction from lower concentration wells and/or dilution air), the use of the thermal oxidizer for vapor abatement allows for more cost-effective cleanup. As concentrations begin to decline in these recently installed wells, they can be individually re-connected to the carbon VES to complete the cleanup at each respective location. In the meantime, the recently installed thermal oxidizer VES will continue to be utilized to target the most impacted wells across the site as best as possible until this relatively small (500 scfm) temporary unit can be replaced with an appropriately sized (3,000 scfm) permanent/full-scale thermal/catalytic oxidizer (anticipated to be operational during Third Quarter 2018).

The total mass of VOCs removed via both vapor extraction systems during this period (Second Quarter 2018) was approximately 5,864 pounds (2,869 pounds via the carbon VES and 2,995 pounds via the thermal oxidizer VES), and an estimated 2,973,475 pounds have been removed since April 1996 (Table 3C) via the original thermal oxidizer and carbon VES with approximately 3,298 pounds being removed via the existing thermal oxidizer VES since January 2018 (Table 4C).

The relatively low mass of VOCs removed by the thermal oxidizer VES this quarter (i.e., 2,995 pounds or a combined total of 2,976,773 pounds via both systems since April 1996) is due in large part to the reduced overall uptime (Tables 4A, 4B and 4C) associated with only being able to operate the unit during daytime hours, as discussed previously, along with the limited flows associated with this temporary system (i.e., maximum permit limit of 500 scfm). It is anticipated that operation of the permanent full-scale thermal oxidizer (i.e., maximum permit limit of 3,000 scfm) will begin during the next reporting to allow for greatly enhanced mass removal. Note that the total estimated mass of VOCs removed via SVE does not account for any mass removed *in-situ* via biodegradation.

3.3 LNAPL Removal Via Bailing, Skimming and Absorbent Socks

During the reporting period, DTW and DTP was measured approximately every two weeks in well GMW-62 located off site in Holifield Park, wells GMW-7, GMW-18, GMW-68, 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, 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 connected to this system during March 2017). Additionally, north-central area wells TFR-12 and TFR-29 were most recently tied into this system on April 23, 2018, and brought online the same day.

For the remaining listed wells, LNAPL was removed via manual bailing, active pumping using a portable product skimmer and/or by utilizing absorbent socks installed in select wells. Approximately

28 gallons (191 pounds) of LNAPL was recovered from the Site this period (Tables 5A through 5E) via these techniques.

3.4 Product Recovery System

Enhanced LNAPL recovery testing and natural source zone depletion testing was conducted during February 2018 per SGI's December 8, 2017 *LNAPL Conceptual Site Model and Remediation Plan.* Additionally, LNAPL bail down testing was conducted during late February and early March 2018 on eight recently installed wells (TFR-9, TFR-12, TFR-18, TFR-22, TFR-27, TFR-29, TFR-33 and GW-14R) that were selected on the basis of product thicknesses. Details and results/findings associated with these various LNAPL tests are provided in SGI's July 2018 *LNAPL Recovery Investigation Report.*

A total of approximately 278 gallons (1,902 pounds) of LNAPL was pumped from wells TF-18, TFR-12, TFR-29, RTF-18-N, RTF-18-W and RTF-18-NW during the reporting period. The LNAPL thickness in product recovery system well RTF-18-NNW was again insufficient to allow for the resumption of pumping this period (off-line since January 2017 but recovery has increased further from the prior to current reporting periods such that skimming is scheduled to resume next quarter), and the yield in wells RTF-18-E and TF-16 continues to be insufficient to allow for the resumption of pumping (turned off on March 15, 2018 and March 28, 2018, respectively).

LNAPL gauging results along with cumulative mass and volume removal estimates from all of the wells listed above are summarized in Tables 5F through 5M. As the tables indicate, product thicknesses generally remained somewhat stable during the current reporting period.

When combined with the product recovery estimate from the preceding section, a total of approximately 306 gallons (1,661 pounds) of LNAPL was removed from the Site during Second Quarter 2018, and an estimated 6,968 gallons (47,244 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 80% of all the LNAPL recovered from the Site in approximately four and a half years.

3.5 Biosparge System

Recommissioning of the former biosparge system continued during the reporting period. Requested power supply design details were provided to Southern California Edison to allow the upgraded service to be installed accordingly. The design includes figures showing recently installed conveyance piping and control vaults for wells in the southern area (RW-19 through RW-34), and the electrical controls and manifold for the expanded system. SGI's July 2018 *Well Installation Completion Report* was also recently finalized and submitted. The document includes details regarding 38 additional biosparge wells that installed during November/December 2017 per SGI's October 11, 2017 *Addendum to Revised Remedial Action Plan* and June 30, 2017 *Remediation Well Installation Update Report*. The resumption of biosparge system operations on an expanded basis is anticipated to commence during the next reporting period.

4.0 REMEDIATION SYSTEMS EVALUATION AND OPTIMIZATION

Remedial system optimization activities are ongoing at the Site to help ensure effective cleanup operations. For the carbon VES, vapor-phase VOC concentrations from the horizontal wells (i.e., HW-1, HW-5 and HW-7) exhibited a declining trend this quarter with samples planned for collected during the next reporting period to analytically confirm this is the case. Extraction from these wells was again optimized by adjusting the HW-1 and HW-5 wells valves to partially open positions in accordance with recent field readings (Table 9A) while leaving HW-7 fully open since the latest laboratory data (Table 10) indicates it is the most impacted horizontal well.

Well HW-3 remained off-line during the reporting period after exhibiting only minimal flow following July 2017 rehabilitation work and was determined to be collapsed in two separate locations based on the results of November 2017 scoping work. Testing from the southern end of the well is planned for the next reporting period since the area where it has collapsed on that end is over 100 feet from the connection point.

For the thermal oxidizer VES, just a handful of recently installed northeastern and southern area wells were initially brought online upon startup (i.e., VEW-38, VEW-40, RW-1, RW-9, RW-13, RW-18 and RW-26) following the completion of system shakedown/testing activities in early January 2018. The remaining recently installed northeastern area wells were subsequently brought online during mid-February 2018, and wells RW-3, RW-6, RW-12, RW-15, RW-16 and RW-17 were taken off-line in mid-March 2018 as part of system optimization activities.

The system continued to operate in this configuration from the beginning of the current reporting period until early June 2018 when wells VEW-38, VEW-40, RW-7 and RW-26 were taken off-line and well VEW-39 was brought online. On June 27, 2018, additional RW well tie-in activities were completed, and extraction was switched to wells VEW-38, VEW-40, RW-19, RW-20, RW-22, RW-24, RW-26 through RW-30, RW-32, RW-33, RW-35 through RW-38 and RW-40 through RW-50 based on field PID readings (Tables 9A through 9D) and laboratory concentrations (Table 10).

Vertical wells VEW-32 through VEW-37 were again left off-line this quarter based on recent low/asymptotic field readings (Table 9A) which are consistent with the laboratory results from late June 2017 (Table 10). Conversely, recently installed and tied-in wells VEW-38 and VEW-40 continued to be operated during the majority of the reporting period based on field readings (Table 9A) and laboratory results (Table 10) which show VEW-40 concentrations to still be relatively high to moderate on a site-wide and historical basis.

As the ongoing trenching and piping installation work progresses, and additional wells are connected to the trunk lines and brought online, further operational adjustments will be made to prioritize mass extraction from the most impacted wells. Total system runtime during the quarter improved from the prior reporting period up to an average of about 13 hours per day but was again limited due to the previously mentioned noise concerns from nearby residents. The completion of upcoming installation and startup activities associated with the previously mentioned permanent full-scale thermal oxidizer to replace the existing temporary system will allow for enhanced mass removal. In

the meantime, the carbon VES will continue to run on a full-time basis with temporary thermal oxidizer VES operations being largely restricted to just daytime hours during the week and off-line each weekend.

Once the permanent full-scale thermal oxidizer VES can be operated on a full-time basis, reconfiguration of the respective vapor extraction systems will be conducted regularly to allow for cost-effective site-wide cleanup. Thus, as levels in one or more currently high concentration wells decline to the point where carbon treatment becomes feasible, the well(s) will be progressively disconnected from the thermal oxidizer VES and tied into the carbon VES. Note that due to the recent completion of electrical upgrade work, simultaneous full-time operation of both vapor extraction systems can be conducted while further upgrade work is performed to allow the future permanent/full-scale thermal/catalytic oxidizer VES to be brought online later this year.

The planned resumption of biosparge system operations on an expanded basis is also anticipated to occur during the latter half of 2018. Details associated with expanded system operations will be provided in a forthcoming document. In the meantime, SGI will continue to monitor individual well influent vapor concentrations associated with each existing VES, and modify which extraction wells are online along with adjusting respective valve positions, as necessary.

Per 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 northeastern and northwestern areas 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 of the Site. 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. As indicated on Tables 5F through 5M, LNAPL recovery sufficient to allow for pumping continued in wells TF-18, RTF-18-N, RTF-18-W and RTF-18-NW during the reporting period, with wells TFR-12 and TFR-29 also being brought online during late April 2018, and wells RTF-18-E and RTF-18-NNW remaining off-line due to insufficient yield. Pumping from wells RTF-18-E and RTF-18-NNW was last conducted in mid-March 2018 and early January 2017, respectively. It is anticipated that well RTF-18-NNW will be brought back online during the next reporting period since product thicknesses have continued to increase in this well over the last few quarters.

Up-to-date gauging data will continue to be collected during the next reporting period with rotating recovery operations being implemented on the basis of ongoing performance data. If warranted by the data, pumping will also resume in any locations where it was previously conducted such as GMW-68 where automated operations were temporarily conducted during Third Quarter 2017 (via the use of a dedicated pump and truck-mounted pumping power equipment) but have no longer been necessary since September 2017 (Table 5C).

For all active pumping wells, adjustments will continue to be made to the associated extraction frequency and duration of each pump cycle to help maximize LNAPL yields without isolating the well from the product plume. Future adjustments to all such wells will also be made on the basis of ongoing bail down testing which is conducted to establish current transmissivity values for correlating apparent to actual product thicknesses.

Pilot testing was also conducted during the prior reporting period in accordance with SGI's January 18, 2017 *TF-18 Area LNAPL Recovery Report and Interim Work Plan* to evaluate the feasibility of system expansion and/or enhanced product recovery with the goal of achieving LNAPL removal to the maximum extent practicable. The testing details and results/findings are provided in SGI's July 2018 *LNAPL Recovery Investigation Report.*

5.0 PLANNED THIRD QUARTER 2018 ACTIVITIES

During the next reporting period, DLA Energy plans to continue to focus in-situ remedial efforts on the northwestern, northeastern, north-central and southerly former truck fueling areas of the Site along with completing the remaining items necessary to resume biosparge system operations on an expanded basis. Following is a summary of planned Third Quarter 2018 OM&M activities:

- Continue minimum weekly maintenance and monitoring of the carbon VES, thermal oxidizer VES and GWETS, including measuring individual well vapor concentrations with an organic vapor analyzer (OVA); and collecting/analyzing influent and effluent vapor and groundwater samples;
- Collect individual extraction well vapor samples for laboratory analysis, including former AST area horizontal wells and/or those located along the eastern to northeastern property boundary, and southern former water tank and truck fueling areas;
- Complete conveyance line installation work to allow for the future tie-in of additional remediation wells to the system (i.e., recently installed north-central and north-east area wells not hooked up for vapor extraction during the current reporting period);
- Conduct additional testing from the southern end of well HW-3 to determine if extraction from the remaining intact portion of this well is still viable following visual confirmation that the casing collapsed in two separate locations (non-operational since July 2017);
- Continue regular LNAPL gauging and removal activities (as applicable), including wells GMW-7, GWM-18, GWM-62 and GMW-68 (both located off site in Holifield Park), TF-15, TF-19, and product recovery system wells TF-16, TF-18, TFR-12, TFR-29, RTF-18-N, RTF-18-E, RTF-18-W, RTF-18-NW and RTF-18-NNW;
- Continue controlled product recovery system OM&M from wells TF-18, TFR-12, TFR-29, RTF-18-N, RTF-18-W, and/or RTF-18-NW, located in the north-central portion of the Site, with focused efforts in wells where LNAPL yields are the most significant, and likely bring well RTF-18-NNW back online (off-line since January 2017 due to insufficient yield) since product thicknesses have continued to increase at this location over the last few quarters;
- Conduct automated product recovery from applicable wells (e.g., GWM-18, GWM-68 and/or TF-15) using truck-mounted pumping power equipment (if warranted based on current LNAPL gauging data) with extraction frequencies and durations adjusted accordingly to help maximize the yield without isolating the well from the product plume;
- Continue regular GWETS operations along with evaluating GWE flow rates and confirming contaminant containment via routine sampling;
- Complete installation of the expanded biosparge system, including all remaining conveyance piping and control vaults for connecting the final group of additional biosparge wells installed during November/December 2017 per SGI's July 2018 *Well Installation Completion Report;*

- Obtain upgraded power supply service from Southern California Edison for subsequent electrical control manifold hookup (to accommodate additional trunk line piping) so that biosparge system operations can resume on an expanded basis before the end of the next reporting period;
- Continue temporary thermal oxidizer VES operations during daytime hours to allow for enhanced mass removal and continued cost-effective treatment of as many of the highest concentration vapor extraction wells as possible (i.e., unit is only available at a size that is too small to process all of the flow from recently tied-in wells, and all of the remaining additional wells anticipated to be hooked up during the next reporting period but has the advantage of rapid implementation until startup/operation of the permanent full-scale thermal/catalytic oxidizer can begin during the latter half of 2018);
- Continue to utilize the carbon VES for focused extraction from the relatively low concentration horizontal wells that span the entire former tank farm area to allow for reasonable carbon usage rates while achieving comprehensive site-wide vadose zone cleanup in conjunction with the thermal oxidizer VES (i.e., treatment of both relatively high and low concentration wells via the simultaneous use of both vapor abatement technologies);
- Deploy and begin permanent/full-scale thermal/catalytic oxidizer shakedown and testing operations followed by starting up the system designed to cost-effectively process high vapor concentration (thermal mode above approximately 3,000 parts per million [ppm]) to moderate concentration (catalytic mode from approximately 500 ppm to 3,000 ppm) well flows with any remaining low concentration (less than approximately 500 ppm) well flows being more cost-effectively treated via the existing GAC system;
- Complete the decommissioning of the defunct former thermal oxidizer at the Site (original VES that began operating back in April 1996) to make room for the replacement full-scale unit (disassembled near the end of the current reporting period and staged outside the treatment compound for future transport/disposal); and
- Prepare and submit a final report documenting the activities and results/findings associated with enhanced LNAPL recovery testing recently conducted in accordance with SGI's January 18, 2017 *TF-18 Area LNAPL Recovery Report and Interim Work Plan*.

Ongoing remediation activities and progress will be described in the *Third Quarter 2018 Remediation Progress Report* to be submitted by November 15, 2018.

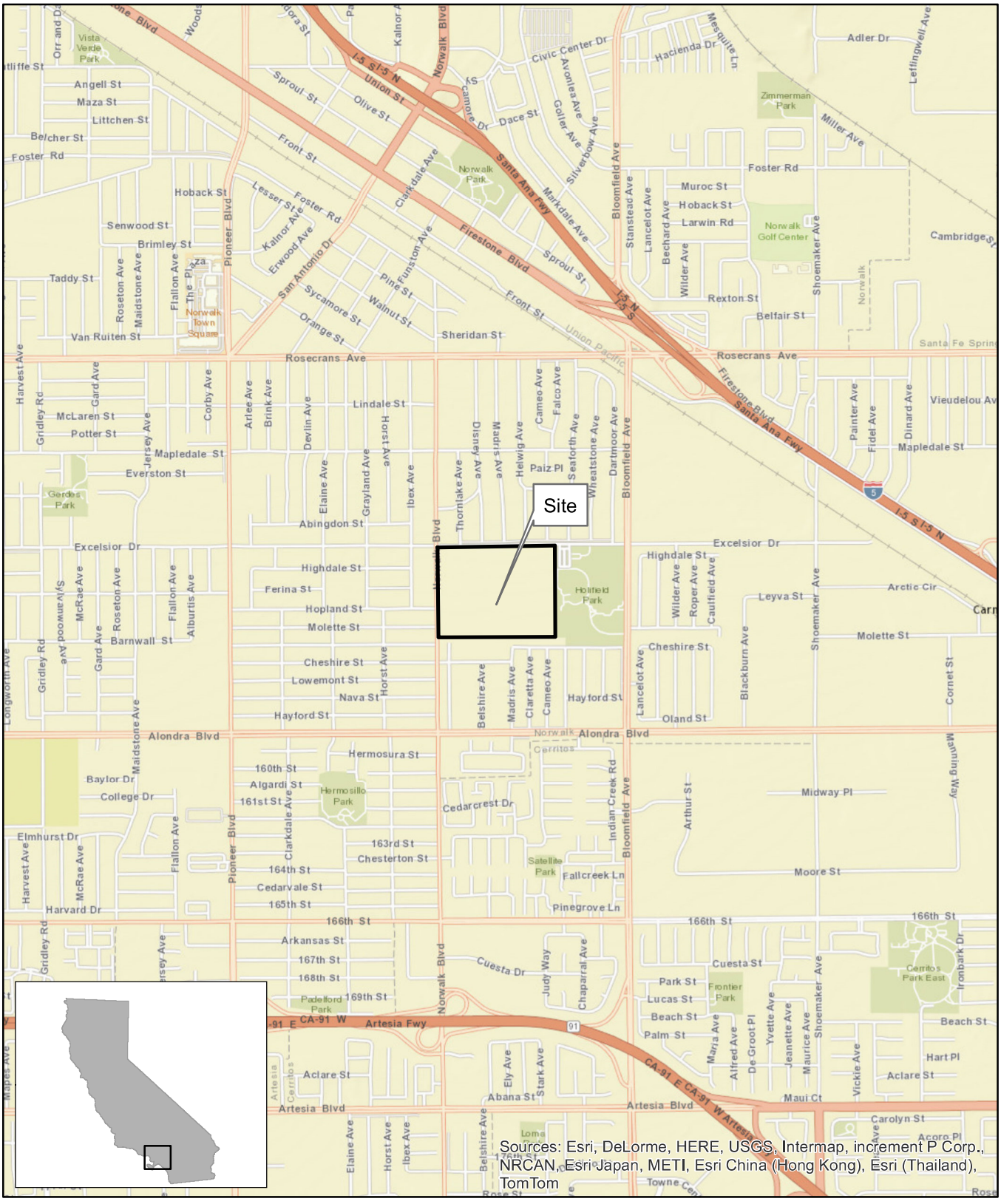
6.0 LIMITATIONS

This document was prepared for the exclusive use of the DLA Energy and the LARWQCB for the express purpose of complying with a client or regulatory directive for environmental investigation or restoration. SGI and DLA Energy must approve any re-use of this work product in whole or in part for a different purpose or by others in writing. If any such unauthorized use occurs, it shall be at the user's sole risk without liability to SGI or DLA Energy.

To the extent that this report is based on information provided to SGI by third parties, including DLA Energy, their direct contractors, previous workers, and other stakeholders, SGI cannot guarantee the completeness or accuracy of this information, even where efforts were made to verify third-party information. SGI has exercised professional judgment to collect and present findings and opinions of a scientific and technical nature. The opinions expressed are based on the conditions of the Site existing at the time of the field investigation, current regulatory requirements, and any specified assumptions.

The presented findings and recommendations in this report are intended to be taken in their entirety to assist DLA Energy and LARWQCB personnel in applying their own professional judgment in making decisions related to the property. SGI cannot provide conclusions on environmental conditions outside the completed scope of work. SGI cannot guarantee that future conditions will not change and affect the validity of the presented conclusions and recommended work. No warranty or guarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, conclusions, and recommendations.

FIGURES



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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

Excelsior Dr

Norwalk Blvd

Powerine Basin

Three adjacent sumps

Two adjacent sumps

Three adjacent sumps

80001 80002 80005 80006 80007 80008 80009 80013 55003 55004 80017

Tank Tank

GW-3 GW-4 GW-2 GW-13 GW-1 VEW-23 HW-1 HW-3 HW-5 HW-7 GW-14R GW-16 VEW-37 BSP-10 VEW-32 VEW-36 GW-15 VEW-33 BSP-13 VEW-35 VEW-34 BSP-14 GMW-58 BSP-11 BSP-12 GMW-21 TF-26 TF-25 TF-8 TF-13 TF-14 TF-16 TF-15 TF-23 TF-21 TF-35 TF-18 TF-19 TF-10 TF-18 TF-23

TFB-1 TFR-1 SP-08a TFB-2 TFR-2 SP-24a SP-26a TFB-3 TFR-3 TFB-4 TFR-4 SP-08b TFB-5 TFR-5 TFB-6 TFR-6 SP-24b TFB-7 TFR-7 SP-25a SP-25c TFB-8 TFR-8 SP-24 SP-266 TFB-9 TFR-9 SP-25d TFB-10 TFR-10 TFB-11 TFR-11 TFB-12 TFR-12 TFB-13 TFR-13 TFB-14 TFR-14 TFB-15 TFR-15 TFB-16 TFR-16 SP-16 TFB-17 TFR-17 TFB-18 TFR-18 TFB-19 TFR-19 SP-13c TFB-20 TFR-20 TFB-21 TFR-21 TFB-22 TFR-22 TFB-23 TFR-23 TFB-24 TFR-24 TFB-25 TFR-25 TFB-26 TFR-26 TFB-27 TFR-27 TFB-28 TFR-28 TFB-29 TFR-29 TFB-30 TFR-30 TFB-31 TFR-31 TFB-32 TFR-32 TFB-33 TFR-33 TFB-34 TFR-34 TFB-35 TFR-35 TFB-36 TFR-36 TFB-37 TFR-37 TFB-38 TFR-38

RTF-18-NNW RTF-18-NW RTF-18-N RTF-18-W TF-18 RTF-18-E

BSP-21 BSP-22 SP-11A BSP-23 BSP-24 BSP-25 BSP-26 SP-25b BSP-27 TF-10 BSP-28 BSP-29 BSP-30

RW-38 RW-35 RW-37 RW-36 RW-39 RW-40 RW-41 RW-42 RW-43 RW-44 RW-45 RW-46 RW-29 VEW-31 RW-33 RW-27 RW-22 RW-24 RW-25 RW-30 RW-20 VW-14 BSP-15 VW-11 BSP-17 VEW-39 RW-19 VEW-38 RW-31 BSP-18 VW-13 VW-12 BSP-16 VW-09 RW-26 RW-28 VW-10 RW-21 VW-07 BSP-20 BSP-19 RW-32 RW-34 RW-23 VEW-40 TFSB-4/VW-15 TFSB-5/VW-16

RW-47 RW-49 RW-48 RW-50

N

Document Path: B:\DLA-Norwalk\GIS Maps\Biosparging 2016-2017\Fig-2 Remediation Well&Piping Connections 08022018.mxd

Legend

- Former Above Ground Storage Tanks
- DFSP Norwalk Border
- Existing Treatment System
- Below Grade Trenching and Piping to Remediation Wells
- Existing Horizontal Vapor Extraction Wells
- Below Grade Groundwater Extraction System Piping
- Above Grade Groundwater Extraction System Piping
- Product Recovery System Piping
- Horizontal Vapor Extraction System Piping
- Western Boundary of Eastern 15-Acre Parcel
- Groundwater Extraction Wells
- Biosparging Wells (2016-2018)
- Biosparging Wells (April 2007)
- Vapor Extraction Wells (November 2016)
- Biosparging and Vapor Extraction Wells
- Total Fluid and Groundwater Extraction Wells
- Co-Located Total Fluid and Biosparge Wells
- Vapor Extraction Wells (2004)
- Sparging Points (August 2004)
- Access Vaults for Groundwater Extraction Piping
- Condensate Sump for Vapor Extraction Piping
- Vapor Extraction System Control Vaults
- Biosparge System Control Vaults

DFSP Norwalk
15306 Norwalk Boulevard
Norwalk, California

Project Number:	Date:	Drawn By:	Approved By:
04-NDLA-007	08/02/2018	PW	MW

0 70 140 280 Feet

Site Map Showing Remediation Well and Piping Locations

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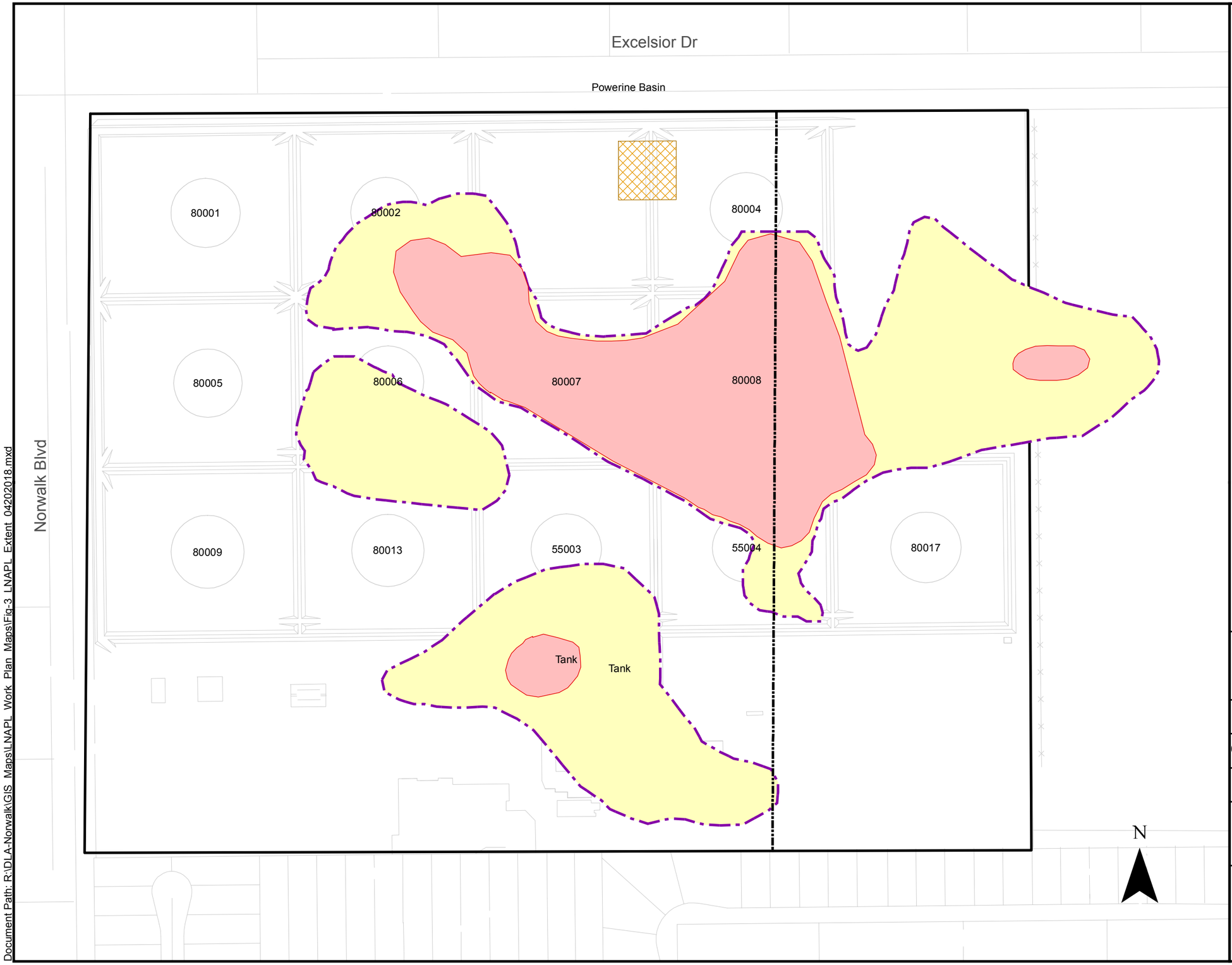
Figure 2



Legend

- Former Above Ground Storage Tanks
- DFSP Norwalk Border
- Treatment System
- Interpreted Maximum Current Lateral Extent of LNAPL
- Interpreted Maximum Historical Lateral Extent of LNAPL

Notes

Maximum historical larteral LNAPL extent based on available gauging, UVOST and groundwater analytical data.

Maximum current lateral LNAPL extents based on available gauging data collected from April 2017 and September to October 2017.

DFSP Norwalk
15306 Norwalk Boulevard
Norwalk, California

Project Number:	Date:	Drawn By:	Approved By:
04-NDLA-007	04/20/2018	PW	MW

0 80 160 320 Feet

Site Map Showing Historical and Current LNAPL Extent

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Figure 3

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TABLES

TABLE 1

Remediation Well Construction Details

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 80001, AST 55004)	VEW-22		--	--	25	15 - 25	SVE
	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-14R	2	11/08/16	78.77	50	25 - 50	GWE
	SP8a		--	--	50	48 - 50	Biosparge
	SP-8b		--	--	50	48 - 50	Biosparge
	SP-11b		--	--	50	48 - 50	Biosparge
	SP-11c		--	--	50	48 - 50	Biosparge
	SP-13b	3	--	--	50	48 - 50	Biosparge
	SP-13c		--	--	50	48 - 50	Biosparge
	SP-15	4	--	--	50	48 - 50	Biosparge
	SP-16		--	--	50	48 - 50	Biosparge
	SP-24		--	--	50	48 - 50	Biosparge
	SP-24a		--	--	50	48 - 50	Biosparge
	SP-24b		--	--	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	5	09/22/95	74.47	63	25 - 60	TFE, GWE
	TF-10		09/25/95	73.61	63	25 - 60	TFE, GWE
	TF-11	5	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	6	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	7	10/03/95	75.08	63	25 - 60	TFE, GWE
	TF-21		09/29/95	74.96	63	25 - 60	TFE, GWE
	TF-22	8	10/02/95	74.76	63	25 - 60	TFE, GWE
North-Central (AST 80002, AST 80006, AST 80008, AST 55004)	TF-23		07/05/94	75.31	50.5	20 - 50	TFE, GWE
	TF-24	9	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
	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 Details

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 80013, AST 55003, AST 55004)	BSP-21	10	12/07/17	--	46	43 - 45	Biosparge
	BSP-22	10	12/07/17	--	46	43 - 45	Biosparge
	BSP-23	10	12/08/17	--	46	43 - 45	Biosparge
	BSP-24	10	12/07/17	--	46	43 - 45	Biosparge
	BSP-25	10	12/08/17	--	46	43 - 45	Biosparge
	BSP-26	10	12/08/17	--	46	43 - 45	Biosparge
	BSP-27	10	12/07/17	--	46	43 - 45	Biosparge
	BSP-28	10	12/07/17	--	46	43 - 45	Biosparge
	BSP-29	10	12/08/17	--	46	43 - 45	Biosparge
	BSP-30	10	12/11/17	--	46	43 - 45	Biosparge
	TFR-1	10	12/13/17	--	40	20 - 40	TFE, SVE
	TFR-2	10	12/12/17	--	40	20 - 40	TFE, SVE
	TFR-3	10	12/12/17	--	40	20 - 40	TFE, SVE
	TFR-4	10	12/13/17	--	40	20 - 40	TFE, SVE
	TFR-5	10	12/12/17	--	40	20 - 40	TFE, SVE
	TFR-6	10	12/12/17	--	40	20 - 40	TFE, SVE
	TFR-7	10	12/13/17	--	40	20 - 40	TFE, SVE
	TFR-8	10	12/12/17	--	40	20 - 40	TFE, SVE
	TFR-9	10	12/13/17	--	40	20 - 40	TFE, SVE
	TFR-10	10	12/11/17	--	40	20 - 40	TFE, SVE
	TFR-11	10	12/11/17	--	40	20 - 40	TFE, SVE
	TFR-12	10	12/11/17	--	40	20 - 40	TFE, SVE
	TFR-13	10	12/15/17	--	40	20 - 40	TFE, SVE
	TFR-14	10	12/13/17	--	40	20 - 40	TFE, SVE
	TFR-15	10	12/14/17	--	40	20 - 40	TFE, SVE
	TFR-16	10	12/14/17	--	40	20 - 40	TFE, SVE
	TFR-17	10	12/14/17	--	40	20 - 40	TFE, SVE
	TFR-18	10	12/14/17	--	40	20 - 40	TFE, SVE
	TFR-19	10	12/12/17	--	40	20 - 40	TFE, SVE
	TFR-20	10	12/15/17	--	40	20 - 40	TFE, SVE
	TFR-21	10	12/11/17	--	40	20 - 40	TFE, SVE
	TFR-22	10	11/30/17	--	40	20 - 40	TFE, SVE
	TFR-23	10	11/29/17	--	40	20 - 40	TFE, SVE
	TFR-24	10	11/30/17	--	40	20 - 40	TFE, SVE
	TFR-25	10	11/30/17	--	40	20 - 40	TFE, SVE
	TFR-26	10	11/29/17	--	40	20 - 40	TFE, SVE
	TFR-27	10	11/29/17	--	40	20 - 40	TFE, SVE
	TFR-28	10	11/29/17	--	40	20 - 40	TFE, SVE
	TFR-29	10	11/29/17	--	40	20 - 40	TFE, SVE
	TFR-30	10	11/29/17	--	40	20 - 40	TFE, SVE
	TFR-31	10	11/29/17	--	40	20 - 40	TFE, SVE
	TFR-32	10	11/30/17	--	40	20 - 40	TFE, SVE
	TFR-33	10	11/28/17	--	40	20 - 40	TFE, SVE
	TFR-34	10	11/28/17	--	40	20 - 40	TFE, SVE
	TFR-35	10	11/29/17	--	40	20 - 40	TFE, SVE
	TFB-1	10	12/06/17	--	46	43 - 45	Biosparge
	TFB-2	10	12/05/17	--	46	43 - 45	Biosparge
	TFB-3	10	12/05/17	--	46	43 - 45	Biosparge
	TFB-4	10	12/06/17	--	46	43 - 45	Biosparge
	TFB-5	10	12/06/17	--	46	43 - 45	Biosparge
	TFB-6	10	12/05/17	--	46	43 - 45	Biosparge
	TFB-7	10	12/06/17	--	46	43 - 45	Biosparge
	TFB-8	10	12/05/17	--	46	43 - 45	Biosparge

TABLE 1

Remediation Well Construction Details

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 80013, AST 55003, AST 55004)	TFB-9	10	12/04/17	--	46	43 - 45	Biosparge
	TFB-10	10	12/04/17	--	46	43 - 45	Biosparge
	TFB-11	10	12/04/17	--	50	48 - 50	Biosparge
	TFB-12	10	12/01/17	--	46	43 - 45	Biosparge
	TFB-13	10	12/01/17	--	46	43 - 45	Biosparge
	TFB-14	10	11/30/17	--	46	43 - 45	Biosparge
	TFB-15	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-16	10	11/28/17	--	46	43 - 45	Biosparge
	TFB-17	10	11/28/17	--	46	43 - 45	Biosparge
	TFB-18	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-19	10	11/28/17	--	46	43 - 45	Biosparge
	TFB-20	10	11/30/17	--	46	43 - 45	Biosparge
	TFB-21	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-22	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-23	10	11/28/17	--	46	43 - 45	Biosparge
	TFB-24	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-25	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-26	10	11/22/17	--	46	43 - 45	Biosparge
	TFB-27	10	11/21/17	--	46	43 - 45	Biosparge
	TFB-28	10	11/22/17	--	46	43 - 45	Biosparge
	TFB-29	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-30	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-31	10	11/21/17	--	46	43 - 45	Biosparge
	TFB-32	10	11/22/17	--	46	43 - 45	Biosparge
	TFB-33	10	11/27/17	--	46	43 - 45	Biosparge
	TFB-34	10	11/21/17	--	46	43 - 45	Biosparge
	TFB-35	10	11/27/17	--	46	43 - 45	Biosparge
	RW-35	10	11/15/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-36	10	11/15/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-37	10	11/16/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-38	10	11/16/17	--	33 / 47	13 - 33 / 44 - 46	SVE / Biosparge
	RW-47	10	11/17/17	--	33 / 47	13 - 33 / 44 - 46	SVE / Biosparge
	RW-48	10	11/17/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-49	10	11/16/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-50	10	11/20/17	--	33 / 47	13 - 33 / 44 - 46	SVE / Biosparge
North-East	BSP-1	11	04/18/07	--	50	47 - 49	Biosparge
	BSP-2	11	04/18/07	--	50	48 - 50	Biosparge
	BSP-3	11	04/17/07	--	48	46 - 48	Biosparge
	BSP-4	11	04/17/07	--	49	47 - 49	Biosparge
	BSP-5	11	04/17/07	--	49.5	47 - 49	Biosparge
	BSP-6	11	04/18/07	--	49	47 - 49	Biosparge
	BSP-7	11	04/19/07	--	48	46 - 48	Biosparge
	BSP-8	11	04/19/07	--	48	46 - 48	Biosparge
	BSP-9	11	04/19/07	--	48	46 - 48	Biosparge
	BSP-10	12	11/04/16	--	46.5	44 - 46	Biosparge
	BSP-11	12	11/04/16	--	40	38 - 40	Biosparge
	BSP-12	12	11/04/16	--	46.5	44 - 46	Biosparge
	BSP-13	12	11/07/16	--	46.5	44 - 46	Biosparge
	BSP-14	12	11/07/16	--	46.5	44 - 46	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
	RW-1	13	06/21/17	-- / --	35 / 46	15 - 35 / 43 - 45	SVE / Biosparge

TABLE 1

Remediation Well Construction Details

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	RW-2	13	06/21/17	-- / --	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-3	13	06/21/17	-- / --	37 / 46	17 - 37 / 43 - 45	SVE / Biosparge
	RW-4	13	06/22/17	-- / --	34 / 46	14 - 34 / 43 - 45	SVE / Biosparge
	RW-5	13	06/22/17	-- / --	34 / 46	14 - 34 / 43 - 45	SVE / Biosparge
	RW-6	13	06/27/17	-- / --	37 / 46	17 - 37 / 43 - 45	SVE / Biosparge
	RW-7	13	06/26/17	-- / --	37 / 46	17 - 37 / 43 - 45	SVE / Biosparge
	RW-8	13	06/28/17	-- / --	38.5 / 46	18.5 - 38.5 / 43 - 45	SVE / Biosparge
	RW-9	13	06/26/17	-- / --	35 / 46	15 - 35 / 43 - 45	SVE / Biosparge
	RW-10	13	06/22/17	-- / --	34 / 46	14 - 34 / 43 - 45	SVE / Biosparge
	RW-11	13	06/26/17	-- / --	36 / 46	16 - 36 / 43 - 45	SVE / Biosparge
	RW-12	13	06/23/17	-- / --	34 / 46	14 - 34 / 43 - 45	SVE / Biosparge
	RW-13	13	06/23/17	-- / --	35 / 46	15 - 35 / 43 - 45	SVE / Biosparge
	RW-14	13	06/23/17	-- / --	34 / 46	14 - 34 / 43 - 45	SVE / Biosparge
	RW-15	13	06/20/17	-- / --	38 / 46	18 - 38 / 43 - 45	SVE / Biosparge
	RW-16	13	06/20/17	-- / --	34 / 46	14 - 34 / 43 - 45	SVE / Biosparge
	RW-17	13	06/27/17	-- / --	39 / 46	19 - 39 / 43 - 45	SVE / Biosparge
	RW-18	13	06/20/17	-- / --	38 / 46	18 - 38 / 43 - 45	SVE / Biosparge
	SP-21a	3	--	--	50	48 - 50	Biosparge
	SP-21b	3	--	--	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
	TFR-36	10	11/30/17	--	40	20 - 40	TFE, SVE
	TFR-37	10	11/28/17	--	40	20 - 40	TFE, SVE
	TFR-38	10	11/28/17	--	40	20 - 40	TFE, SVE
	TFB-36	10	11/20/17	--	46	43 - 45	Biosparge
	TFB-37	10	11/21/17	--	46	43 - 45	Biosparge
	TFB-38	10	11/20/17	--	46	43 - 45	Biosparge
Southern Former Truck Fueling Area and Adjacent Water Tank Area	BSP-15	12	11/02/16	--	50.5	48 - 50	Biosparge
	BSP-16	12	11/03/16	--	50.5	48 - 50	Biosparge
	BSP-17	12	11/03/16	--	50.5	48 - 50	Biosparge
	BSP-18	12	11/03/16	--	50.5	48 - 50	Biosparge
	BSP-19	12	11/02/16	--	50.5	48 - 50	Biosparge
	BSP-20	12	11/01/16	--	50.5	48 - 50	Biosparge
	RW-19	13	06/30/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-20	13	06/29/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-21	13	06/30/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-22	13	06/28/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-23	13	06/30/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-24	13	06/28/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-25	13	06/28/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-26	13	07/03/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-27	13	06/28/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-28	13	07/03/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-29	13	06/29/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-30	13	06/27/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-31	13	07/03/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-32	13	07/03/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-33	13	06/29/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-34	13	07/03/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge

TABLE 1

Remediation Well Construction Details

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
Southern Former Truck Fueling Area and Adjacent Water Tank Area	RW-39	10	11/15/17	--	33 / 47	13 - 33 / 44 - 46	SVE / Biosparge
	RW-40	10	11/15/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-41	10	11/14/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-42	10	11/14/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-43	10	11/14/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-44	10	11/13/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-45	10	11/13/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	RW-46	10	11/13/17	--	33 / 46	13 - 33 / 43 - 45	SVE / Biosparge
	VEW-31		08/03/04	75.10	15	5 - 15	SVE
	VEW-38	12	11/02/16	--	30.5	20 - 30	SVE
	VEW-39	12	11/03/16	--	30.5	20 - 30	SVE
	VEW-40	12	11/02/16	--	30.5	20 - 30	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 = Replaced abandoned well GW-14 per SGI's March 14, 2017 *Well Replacement Report and Work Plan.*
3 = Located during field reconnaissance work conducted on September 21, 2016 but determined to likely have silt at the bottom of the casing since the measured total depth was several feet higher than the construction well depth.
4 = Located during field reconnaissance work conducted on September 21, 2016 but determined to be inaccessible.
5 = Abandoned on December 29, 2014 (replacement pending per SGI's March 14, 2017 *Well Replacement Report and Work Plan*).
6 = Abandoned on December 30, 2014 (replacement pending per SGI's March 14, 2017 *Well Replacement Report and Work Plan*).
7 = Abandoned on January 5, 2015 (replacement pending per SGI's March 14, 2017 *Well Replacement Report and Work Plan*).
8 = Abandoned on December 31, 2014 (replacement pending per SGI's March 14, 2017 *Well Replacement Report and Work Plan*).
9 = Also referred to as "old TF-24" or "former TF-24".
10 = Recently installed per SGI's October 11, 2017 *Addendum to Revised Remedial Action Plan*.
11 = Abandoned on November 16, 2017.
12 = Recently installed per SGI's March 14, 2017 *Well Replacement Report and Work Plan.*
13 = Recently installed per SGI's June 30, 2017 *Remediation Well Installation Update Report.*

TABLE 2A

Groundwater Extraction and Treatment System Operations Summary - April

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Groundwater Extracted and Treated Per Day (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
4/1/18	Off line		54,181	31,231	152,043	286,236	11,555,242	4,864,449	77,903,035	0	--	9,945
4/2/18	Technician	1,2	55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	65	9,945
4/3/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/4/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/5/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/6/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/7/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/8/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/9/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/10/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/11/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	--	9,945
4/12/18	Technician	3	55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,906,435	3,400	--	9,945
4/13/18	*		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,913,236	6,801	--	9,945
4/14/18	Technician	4	55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	4,534	--	9,945
4/15/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/16/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/17/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/18/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/19/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/20/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/21/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/22/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/23/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/24/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0	--	9,945
4/25/18	Technician	5	57,171	32,749	155,025	288,750	11,560,738	4,868,957	77,923,472	5,702	--	9,945
4/26/18	*		60,129	34,154	157,718	291,220	11,565,901	4,873,320	77,933,086	9,614	--	9,945
4/27/18	Technician		63,088	35,559	160,411	293,690	11,571,064	4,877,684	77,942,700	9,614	--	9,945
4/28/18	*		66,877	37,115	163,621	296,624	11,577,208	4,883,030	77,954,400	11,700	--	9,945
4/29/18	*		70,667	38,672	166,831	299,558	11,583,351	4,888,376	77,966,100	11,700	--	9,945
4/30/18	*		74,456	40,228	170,040	302,492	11,589,495	4,893,722	77,977,800	11,700	--	9,945

Cumulative Groundwater Discharged by the GWETS to Date (gallons)							
Period	April	Quarter 1, 2018	Quarter 2, 2018	Quarter 3, 2018	Quarter 4, 2018	2018 to Date	April 1996 to Date
Volume	74,765	189,822	74,765	--	--	264,587	77,977,800

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	April	Quarter 2 to Date	April 1996 to Date
Mass	0.04	0.04	9,945.4

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

Legend / Notes:

1 = GWETS briefly restarted (off-line since 3/20/18 pending confirmation of compliance with all permit discharge limits from sampling event conducted the same day) to collect monthly influent, intermediate and effluent samples for laboratory analysis.

2 = No actual discharge occurred as all extracted and treated groundwater was stored in a temporary holding tank as a precautionary measure pending results from 4/2/18 sampling event.

3 = Began gravity draining all treated groundwater from temporary holding tank following confirmation of compliance with all permit discharge limits from 4/2/18 sampling event.

4 = Completed gravity draining of all treated groundwater from temporary holding tank but system left off-line in advance of scheduled groundwater monitoring and sampling work next week.

5 = GWETS restarted following completion of groundwater monitoring and sampling activities.

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: 4/2/18 (laboratory report attached).

-- = Not applicable

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

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

TABLE 2B

Groundwater Extraction and Treatment System Operations Summary - May

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Groundwater Extracted and Treated Per Day (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
5/1/18	*		78,246	41,785	173,250	305,425	11,595,639	4,899,068	77,989,501	11,700	--	9,945
5/2/18	Technician	1,2,3	82,022	43,336	176,449	308,349	11,601,761	4,904,395	78,001,160	11,659	130	9,945
5/3/18	*		85,735	44,872	179,964	311,530	11,608,457	4,909,644	78,012,774	11,614	--	9,945
5/4/18	*		89,448	46,409	183,480	314,711	11,615,154	4,914,894	78,024,388	11,614	--	9,945
5/5/18	*		93,161	47,945	186,995	317,892	11,621,850	4,920,143	78,036,002	11,614	--	9,945
5/6/18	*		96,874	49,481	190,510	321,073	11,628,546	4,925,392	78,047,616	11,614	--	9,946
5/7/18	Technician	4	100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	11,654	--	9,946
5/8/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/9/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/10/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/11/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/12/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/13/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/14/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/15/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/16/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/17/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/18/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/19/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/20/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/21/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/22/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0	--	9,946
5/23/18	Technician	5	101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	3,030	--	9,946
5/24/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0	--	9,946
5/25/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0	--	9,946
5/26/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0	--	9,946
5/27/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0	--	9,946
5/28/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0	--	9,946
5/29/18	Technician	6	101,442	51,667	195,923	325,994	11,638,902	4,932,211	78,064,325	2,025	--	9,946
5/30/18	*		101,967	52,490	197,905	327,422	11,642,291	4,933,494	78,070,392	6,067	--	9,946
5/31/18	*		102,720	53,601	200,704	329,456	11,647,123	4,935,358	78,076,459	6,067	--	9,946

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	May	Quarter 1, 2018	Quarter 2, 2018	Quarter 3, 2018	Quarter 4, 2018	2018 to Date	April 1996 to Date
Volume	97,443	189,822	172,208	--	--	362,030	78,075,243

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	May	Quarter 2 to Date	April 1996 to Date
Mass	0.10	0.14	9,945.5

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

Legend / Notes:

1 = Collected monthly process and intermediate samples for laboratory analysis.
2 = Collected quarterly effluent samples for laboratory analysis.
3 = Measured residual chlorine in the field using HACH Test Kit Model CN-70.
4 = GWETS manually shut down for maintenance.
5 = GWETS briefly restarted to collect monthly effluent sample for laboratory analysis but left off-line upon departure as a precautionary measure pending result.
6 = GWETS restarted following confirmation of compliance with discharge limit.

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

GWETS = Groundwater extraction and treatment system
µg/L - Micrograms per liter
lb = Pounds
DRO = Diesel range organics

A = Hydrocarbon removal is calculated using analytical laboratory result for DRO (if not detected, half the detection limit is used) from sample collected on: 5/2/18 (laboratory report attached).
-- = Not applicable

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

TABLE 2C

Groundwater Extraction and Treatment System Operations Summary - June

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Groundwater Extracted and Treated Per Day (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed [A] (lb)
6/1/18	*		103,474	54,711	203,502	331,490	11,651,956	4,937,222	78,082,526	6,067	--	9,946
6/2/18	*		104,228	55,822	206,301	333,524	11,656,788	4,939,086	78,088,593	6,067	--	9,946
6/3/18	*		104,981	56,932	209,099	335,558	11,661,621	4,940,950	78,094,660	6,067	--	9,946
6/4/18	Technician	1,2	105,688	57,973	211,723	337,465	11,666,151	4,942,698	78,100,725	6,065	ND <60	9,946
6/5/18	*		109,363	59,461	215,943	340,797	11,673,703	4,947,861	78,112,725	12,000	--	9,946
6/6/18	*		113,038	60,949	220,163	344,130	11,681,255	4,953,024	78,124,725	12,000	--	9,946
6/7/18	Technician		116,215	62,236	223,811	347,011	11,687,785	4,957,488	78,135,100	10,375	--	9,946
6/8/18	*		119,644	63,643	227,892	350,160	11,695,015	4,962,324	78,147,454	12,354	--	9,946
6/9/18	*		123,073	65,050	231,974	353,308	11,702,245	4,967,160	78,159,808	12,354	--	9,946
6/10/18	*		126,502	66,458	236,055	356,457	11,709,475	4,971,997	78,172,162	12,354	--	9,946
6/11/18	Technician		130,443	68,075	240,746	360,076	11,717,785	4,977,555	78,186,360	14,198	--	9,946
6/12/18	*		131,386	69,380	244,556	363,127	11,724,646	4,979,804	78,195,453	9,093	--	9,946
6/13/18	*		132,330	70,685	248,366	366,177	11,731,506	4,982,052	78,204,546	9,093	--	9,946
6/14/18	*		133,273	71,990	252,176	369,228	11,738,367	4,984,301	78,213,639	9,093	--	9,946
6/15/18	Technician		134,066	73,087	255,378	371,791	11,744,132	4,986,190	78,221,280	7,641	--	9,946
6/16/18	*		136,912	74,360	259,329	374,749	11,751,041	4,990,309	78,232,221	10,941	--	9,946
6/17/18	*		139,758	75,633	263,280	377,707	11,757,949	4,994,429	78,243,162	10,941	--	9,946
6/18/18	*		142,605	76,907	267,231	380,665	11,764,858	4,998,548	78,254,103	10,941	--	9,946
6/19/18	*		145,451	78,180	271,181	383,622	11,771,767	5,002,668	78,265,044	10,941	--	9,946
6/20/18	*		148,297	79,453	275,132	386,580	11,778,676	5,006,787	78,275,985	10,941	--	9,946
6/21/18	*		151,143	80,726	279,083	389,538	11,785,584	5,010,907	78,286,926	10,941	--	9,946
6/22/18	Technician		153,950	81,982	282,979	392,455	11,792,397	5,014,969	78,297,715	10,789	--	9,946
6/23/18	*		156,431	83,157	286,793	395,797	11,799,554	5,018,624	78,308,286	10,571	--	9,946
6/24/18	*		158,912	84,331	290,607	399,140	11,806,710	5,022,280	78,318,857	10,571	--	9,946
6/25/18	*		161,392	85,506	294,422	402,482	11,813,867	5,025,935	78,329,428	10,571	--	9,946
6/26/18	*		163,873	86,680	298,236	405,825	11,821,023	5,029,590	78,339,999	10,571	--	9,946
6/27/18	*		166,354	87,855	302,050	409,167	11,828,180	5,033,246	78,350,570	10,571	--	9,946
6/28/18	*		168,835	89,029	305,864	412,509	11,835,336	5,036,901	78,361,141	10,571	--	9,946
6/29/18	Technician		171,660	90,367	310,208	416,316	11,843,487	5,041,064	78,373,180	12,039	--	9,946
6/30/18	*		174,453	91,673	314,469	420,265	11,851,697	5,045,163	78,385,219	12,039	--	9,946

Cumulative Groundwater Discharged by the GWETS (gallons)							
Period	June	Quarter 1, 2018	Quarter 2, 2018	Quarter 3, 2018	Quarter 4, 2018	2018 to Date	April 1996 to Date
Volume	309,976	189,822	482,184	--	--	672,006	78,385,219

Cumulative Mass DRO Removed by the GWETS [A] (lb)			
Period	June	Quarter 2 to Date	April 1996 to Date
Mass	0.09	0.23	9,945.6

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

Legend / Notes:

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

2 = Collected monthly effluent samples for laboratory analysis.

GWETS = Groundwater extraction and treatment system

µg/L - Micrograms per liter

lb = Pounds

DRO = Diesel range organics

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

A = Hydrocarbon removal is calculated using analytical laboratory results for DRO (if not detected, half the detection limit is used) from sample collected on: 6/4/18 (laboratory report attached).

-- = Not applicable

TABLE 3A

Carbon Vapor Extraction System Operations Summary - April

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
04/01/18	*		49,978	794	--	--	--	--	--	2,970,653
04/02/18	Technician	1,2	50,002	775	4	125	150	191	0.0	2,970,697
04/03/18	*		50,026	775	--	--	--	--	--	2,970,740
04/04/18	*		50,050	775	--	--	--	--	--	2,970,783
04/05/18	*		50,074	775	--	--	--	--	--	2,970,826
04/06/18	Technician		50,098	791	4	126	--	184	1.5	2,970,870
04/07/18	*		50,122	791	--	--	--	--	--	2,970,914
04/08/18	*		50,146	791	--	--	--	--	--	2,970,958
04/09/18	*		50,170	791	--	--	--	--	--	2,971,003
04/10/18	Technician	3	50,194	804	4	120	--	179	0.0	2,971,047
04/11/18	*		50,218	804	--	--	--	--	--	2,971,092
04/12/18	Technician		50,242	821	4	115	--	182	0.0	2,971,138
04/13/18	*		50,266	821	--	--	--	--	--	2,971,184
04/14/18	*		50,290	821	--	--	--	--	--	2,971,229
04/15/18	*		50,314	821	--	--	--	--	--	2,971,275
04/16/18	*		50,338	821	--	--	--	--	--	2,971,321
04/17/18	*		50,362	821	--	--	--	--	--	2,971,367
04/18/18	Technician		50,386	788	4	124	--	170	0.0	2,971,411
04/19/18	*		50,410	788	--	--	--	--	--	2,971,455
04/20/18	*		50,434	788	--	--	--	--	--	2,971,499
04/21/18	*		50,458	788	--	--	--	--	--	2,971,542
04/22/18	*		50,482	788	--	--	--	--	--	2,971,586
04/23/18	Technician		50,506	808	4	132	--	155	0.4	2,971,631
04/24/18	*		50,530	808	--	--	--	--	--	2,971,676
04/25/18	Technician		50,554	808	--	--	--	--	--	2,971,722
04/26/18	*		50,578	808	--	--	--	--	--	2,971,767
04/27/18	Technician		50,602	765	4	122	--	143	2.3	2,971,809
04/28/18	*		50,626	765	--	--	--	--	--	2,971,852
04/29/18	*		50,650	765	--	--	--	--	--	2,971,894
04/30/18	Technician	3	50,674	790	4	120	--	145	0.0	2,971,939

Cumulative Mass TPHg Removed by the VES [D] (lb)			
Period	April	Quarter 2 to Date	April 1996 to Date
Mass	1,333	1,333	2,971,939

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

Legend / Notes:

1 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.
2 = Measured individual well vapor concentrations with a calibrated organic vapor analyzer.
3 = VES temporarily off-line to conduct carbon change out fieldwork.

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

Vapor extraction wells on line this month: HW-1, HW-5, HW--7

-- = Not applicable or not measured

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.
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: 4/2/18 (laboratory report attached).

TABLE 3B

Carbon Vapor Extraction System Operations Summary - May

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
05/01/18	*		50,698	790	--	--	--	--	--	2,971,983
05/02/18	Technician	1,2	50,716	778	4	124	110	149	0.0	2,972,015
05/03/18	*		50,740	778	--	--	--	--	--	2,972,048
05/04/18	*		50,764	778	--	--	--	--	--	2,972,081
05/05/18	*		50,788	778	--	--	--	--	--	2,972,114
05/06/18	*		50,812	778	--	--	--	--	--	2,972,147
05/07/18	Technician		50,836	769	4	130	--	138	0.0	2,972,179
05/08/18	*		50,860	769	--	--	--	--	--	2,972,212
05/09/18	*		50,884	769	--	--	--	--	--	2,972,244
05/10/18	*		50,908	769	--	--	--	--	--	2,972,277
05/11/18	Technician		50,934	781	4	125	--	150	0.0	2,972,310
05/12/18	*		50,958	781	--	--	--	--	--	2,972,343
05/13/18	*		50,982	781	--	--	--	--	--	2,972,376
05/14/18	Technician		51,006	787	4	128	--	141	0.0	2,972,409
05/15/18	*		51,030	787	--	--	--	--	--	2,972,442
05/16/18	*		51,054	787	--	--	--	--	--	2,972,476
05/17/18	*		51,078	787	--	--	--	--	--	2,972,509
05/18/18	Technician		51,101	772	4	126	--	135	0.0	2,972,542
05/19/18	*		51,125	772	--	--	--	--	--	2,972,574
05/20/18	*		51,149	772	--	--	--	--	--	2,972,607
05/21/18	Technician		51,173	769	4	124	--	148	0.0	2,972,639
05/22/18	*		51,197	769	--	--	--	--	--	2,972,672
05/23/18	Technician		51,221	778	4	125	--	129	0.0	2,972,705
05/24/18	*		51,245	778	--	--	--	--	--	2,972,738
05/25/18	*		51,269	778	--	--	--	--	--	2,972,770
05/26/18	*		51,293	778	--	--	--	--	--	2,972,803
05/27/18	*		51,317	778	--	--	--	--	--	2,972,836
05/28/18	*		51,341	778	--	--	--	--	--	2,972,869
05/29/18	Technician		51,278	775	4	130	--	114	0.0	2,972,902
05/30/18	*		51,302	775	--	--	--	--	--	2,972,935
05/31/18	Technician		51,326	769	4	130	--	104	0.7	2,972,967

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	May	Quarter 2 to Date	April 1996 to Date
Mass	1,029	2,361	2,972,967

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

Legend / Notes:

1 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.
2 = Measured individual well vapor concentrations with a calibrated organic vapor analyzer.

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

Vapor extraction wells on line this month: HW-1, HW-5, HW--7

-- = Not applicable or not measured

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.
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: 5/2/18 (laboratory report attached).

TABLE 3C

Carbon Vapor Extraction System Operations Summary - June

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Carbon Inlet Temperature (°F)	Laboratory Process Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
06/01/18	*		51,350	769	--	--	--	--	--	2,973,000
06/02/18	*		51,374	769	--	--	--	--	--	2,973,032
06/03/18	*		51,398	769	--	--	--	--	--	2,973,065
06/04/18	*		51,422	769	--	--	--	--	--	2,973,097
06/05/18	*		51,446	769	--	--	--	--	--	2,973,130
06/06/18	Technician	1,2	51,463	742	4	127	49	95	0.0	2,973,143
06/07/18	*		51,487	742	--	--	--	--	--	2,973,156
06/08/18	*		51,511	742	--	--	--	--	--	2,973,170
06/09/18	*		51,535	742	--	--	--	--	--	2,973,183
06/10/18	*		51,559	742	--	--	--	--	--	2,973,196
06/11/18	Technician		51,583	772	4	130	--	118	0.0	2,973,210
06/12/18	*		51,607	772	--	--	--	--	--	2,973,224
06/13/18	*		51,631	772	--	--	--	--	--	2,973,238
06/14/18	*		51,655	772	--	--	--	--	--	2,973,252
06/15/18	Technician		51,679	788	4	130	--	130	0.0	2,973,266
06/16/18	*		51,703	788	--	--	--	--	--	2,973,280
06/17/18	*		51,727	788	--	--	--	--	--	2,973,294
06/18/18	Technician		51,751	772	4	132	--	136	0.0	2,973,308
06/19/18	*		51,775	772	--	--	--	--	--	2,973,322
06/20/18	*		51,799	772	--	--	--	--	--	2,973,336
06/21/18	*		51,823	772	--	--	--	--	--	2,973,350
06/22/18	Technician		51,847	765	4	130	--	140	0.8	2,973,364
06/23/18	*		51,871	765	--	--	--	--	--	2,973,377
06/24/18	*		51,895	765	--	--	--	--	--	2,973,391
06/25/18	*		51,919	765	--	--	--	--	--	2,973,405
06/26/18	*		51,943	765	--	--	--	--	--	2,973,419
06/27/18	Technician	3	51,967	781	4	128	--	141	0.0	2,973,433
06/28/18	*		51,991	781	--	--	--	--	--	2,973,447
06/29/18	*		52,015	781	--	--	--	--	--	2,973,461
06/30/18	*		52,039	781	--	--	--	--	--	2,973,475

Cumulative Mass TPHg Removed by the VES [A] (lb)			
Period	June	Quarter 2 to Date	April 1996 to Date
Mass	508	2,869	2,973,475

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

Legend / Notes:

1 = Collected monthly influent, after GAC-1, after GAC-2, and effluent samples for laboratory analysis.
2 = Measured individual well vapor concentrations with a calibrated organic vapor analyzer.
3 = VES temporarily off-line to conduct carbon change out fieldwork.

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

Vapor extraction wells on line this month: HW-1, HW-5, HW--7

-- = Not applicable or not measured

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.
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: 5/2/18 and 6/6/18 (laboratory reports attached).

TABLE 4A

Thermal Oxidizer Vapor Extraction System Operations Summary - April

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Oxidizer Inlet Temperature (°F)	Laboratory Process GRO Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
04/01/18	off line	1	NA	0	--	--	--	--	--	NA
04/02/18	Technician	2,3	2276.6	152	9	1,695	1,700	1,370	23	331
04/03/18	*		2283.4	152	--	--	--	--	--	358
04/04/18	*		2290.2	152	--	--	--	--	--	386
04/05/18	*		2297.0	152	--	--	--	--	--	413
04/06/18	Technician		2303.7	165	10	1,697	--	3,274	28	443
04/07/18	off line	1	NA	NA	--	--	--	--	--	NA
04/08/18	off line	1	NA	NA	--	--	--	--	--	NA
04/09/18	*	2	2,310.9	165	--	--	--	--	--	474
04/10/18	*		2,318.1	165	--	--	--	--	--	506
04/11/18	*		2,325.3	165	--	--	--	--	--	537
04/12/18	Technician		2332.4	175	10	1,672	--	1,650	25	570
04/13/18	*		2339.6	175	--	--	--	--	--	603
04/14/18	off line	1	NA	NA	--	--	--	--	--	NA
04/15/18	off line	1	NA	NA	--	--	--	--	--	NA
04/16/18	*	2	2,346.8	175	--	--	--	--	--	637
04/17/18	*		2353.9	175	--	--	--	--	--	670
04/18/18	Technician		2361.0	238	7.5	1,681	--	>15,000	45	715
04/19/18	*		2376.7	238	--	--	--	--	--	814
04/20/18	*		2392.4	238	--	--	--	--	--	914
04/21/18	off line	1	NA	NA	--	--	--	--	--	NA
04/22/18	off line	1	NA	NA	--	--	--	--	--	NA
04/23/18	Technician	2	2408.1	219	7.5	1,615	--	4,868	20	1,005
04/24/18	*		2420.2	219	--	--	--	--	--	1,076
04/25/18	*		2432.3	219	--	--	--	--	--	1,146
04/26/18	*		2444.4	219	--	--	--	--	--	1,216
04/27/18	Technician	2	2456.6	187	9	1,470	--	1,730	22	1,277
04/28/18	off line	1	NA	NA	--	--	--	--	--	NA
04/29/18	off line	1	NA	NA	--	--	--	--	--	NA
04/30/18	*	2	2467.8	187	--	--	--	--	--	1,333

Cumulative Mass TPHg Removed by the VES [D] (lb)			
Period	April	Quarter 2 to Date	January 2018 to Date
Mass	1,030.4	1,030.4	1,332.6

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

Legend / Notes:

1 = Thermal oxidizer manually shut down for weekend.
2 = Thermal oxidizer restarted.
3 = Collected monthly influent and effluent samples for laboratory analysis.

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

System operating under SCAQMD Various Locations Permit #F97121
Vapor extraction wells on line this month: VEW-38, VEW-40, RW-1, RW-4, RW-5, RW-7, RW-9, RW-10, RW-11, RW-13, RW-14, RW-18, and RW-26.

A = Reading measured using Dwyer DS-300 flow sensor.
B = Concentrations obtained with a calibrated organic vapor analyzer.
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: 4/2/18 (laboratory report attached).

NA = Not available
-- = Not applicable or not measured

TABLE 4B

Thermal Oxidizer Vapor Extraction System Operations Summary - May

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process [A] Flow (scfm)	VES Manifold Vacuum (in. Hg)	Oxidizer Inlet Temperature (°F)	Laboratory Process GRO Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
05/01/18	*	1	2,479.0	187	--	--	--	--	--	1,358
05/02/18	Technician	2	2,490.1	190	9.0	1,445	780	1,380	22	1,383
05/03/18	*		2,506.2	190	--	--	--	--	--	1,420
05/04/18	*		2,522.4	190	--	--	--	--	--	1,457
05/05/18	off line	1	NA	NA	--	--	--	--	--	NA
05/06/18	off line	1	NA	NA	--	--	--	--	--	NA
05/07/18	Technician	3	2,538.5	230	7.5	1,444	--	3,140	20	1,501
05/08/18	*		2,552.8	230	--	--	--	--	--	1,540
05/09/18	*		2,567.1	230	--	--	--	--	--	1,580
05/10/18	*		2,581.5	230	--	--	--	--	--	1,619
05/11/18	Technician		2,595.8	276	7.5	1,447	--	>15,000	16	1,667
05/12/18	off line	1	NA	NA	--	--	--	--	--	NA
05/13/18	off line	1	NA	NA	--	--	--	--	--	NA
05/14/18	Technician	3	2,607.8	290	7.5	1,449	--	>15,000	28	1,708
05/15/18	*		2,619.3	290	--	--	--	--	--	1,748
05/16/18	Technician		2,630.7	225	7.5	1,446	--	4,101	23	1,779
05/17/18	*		2,644.1	225	--	--	--	--	--	1,815
05/18/18	Technician		2,657.5	223	7.5	1,446	--	>15,000	26	1,851
05/19/18	off line	1	NA	NA	--	--	--	--	--	NA
05/20/18	off line	1	NA	NA	--	--	--	--	--	NA
05/21/18	Technician	3	2,673.2	217	7.5	1,444	--	3,972	19	1,892
05/22/18	*		2,684.6	217	--	--	--	--	--	1,921
05/23/18	Technician		2,695.9	259	7.0	1,446	--	1,485	24	1,957
05/24/18	*		2,704.6	259	--	--	--	--	--	1,984
05/25/18	*		2,713.3	259	--	--	--	--	--	2,011
05/26/18	off line	1	NA	NA	--	--	--	--	--	NA
05/27/18	off line	1	NA	NA	--	--	--	--	--	NA
05/28/18	off line	4	NA	NA	--	--	--	--	--	NA
05/29/18	Technician	3	2,730.7	254	7.5	1,444	--	1,550	16	2,063
05/30/18	*		2,743.3	254	--	--	--	--	--	2,102
05/31/18	Technician		2,755.8	258	7.5	1,445	--	1,907	19	2,140

Cumulative Mass TPHg Removed by the VES [D] (lb)			
Period	May	Quarter 2 to Date	January 2018 to Date
Mass	807.9	1,838.3	2,140.5

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

Legend / Notes:

1 = Thermal oxidizer manually shut down for weekend.
2 = Collected monthly influent and effluent samples for laboratory analysis.
3 = Thermal oxidizer restarted.
4 = Thermal oxidizer manually shut down for the holiday.

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 measured using Dwyer DS-300 flow sensor.
B = Concentrations obtained with a calibrated organic vapor analyzer.
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: 5/2/18 (laboratory report attached).
No samples were analyzed in February due to site condition and system operation status.

System operating under SCAQMD Various Locations Permit #F97121
Vapor extraction wells on line this month: VEW-38, VEW-40, RW-1, RW-4, RW-5, RW-7, RW-9, RW-10, RW-11, RW-13, RW-14, RW-18, and RW-26.

NA = Not available
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

TABLE 4C

Thermal Oxidizer Vapor Extraction System Operations Summary - June

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	VES Hour Meter Reading (hours)	VES Process Flow [A] (scfm)	VES Manifold Vacuum (in. Hg)	Oxidizer Inlet Temperature (°F)	Laboratory Process GRO Concentration (ppmv)	Field Process Concentration [B,C] (ppmv)	Field Effluent Concentration [B,C] (ppmv)	Cumulative Vapor-Phase GRO Removed [D] (lb)
06/01/18	*		2,763.5	258	--	--	--	--	--	2,171
06/02/18	off line	1	NA	NA	--	--	--	--	--	NA
06/03/18	off line	1	NA	NA	--	--	--	--	--	NA
06/04/18	*	2	2,771.1	258	--	--	--	--	--	2,201
06/05/18	*		2,778.8	258	--	--	--	--	--	2,232
06/06/18	Technician	3	2,786.4	394	7	1,642	1,000.0	1,531	30	2,278
06/07/18	*		2,801.7	394	--	--	--	--	--	2,370
06/08/18	*		2,817.0	394	--	--	--	--	--	2,463
06/09/18	off line	1	NA	NA	--	--	--	--	--	NA
06/10/18	off line	1	NA	NA	--	--	--	--	--	NA
06/11/18	Technician	2	2,832.4	268	7	1,604	--	3,040	26	2,526
06/12/18	*		2,846.0	268	--	--	--	--	--	2,582
06/13/18	*		2,859.6	268	--	--	--	--	--	2,638
06/14/18	*		2,873.2	268	--	--	--	--	--	2,694
06/15/18	Technician		2,886.9	367	7	1,591	--	2,352	17	2,771
06/16/18	off line	1	NA	NA	--	--	--	--	--	NA
06/17/18	off line	1	NA	NA	--	--	--	--	--	NA
06/18/18	Technician	2	2,896.7	290	7	1,601	--	1,921	25	2,815
06/19/18	*		2,908.8	290	--	--	--	--	--	2,869
06/20/18	*		2,920.8	290	--	--	--	--	--	2,922
06/21/18	*		2,932.9	290	--	--	--	--	--	2,976
06/22/18	Technician		2,944.9	290	6	1,597	--	2,975	25	3,029
06/23/18	off line	1	NA	NA	--	--	--	--	--	NA
06/24/18	off line	1	NA	NA	--	--	--	--	--	NA
06/25/18	*	2	2,957.0	290	--	--	--	--	--	3,083
06/26/18	*		2,969.0	290	--	--	--	--	--	3,136
06/27/18	Technician	4	2,981.1	290	--	--	--	--	--	3,190
06/28/18	*		2,993.1	290	--	--	--	--	--	3,244
06/29/18	*		3,005.2	290	--	--	--	--	--	3,298
06/30/18	off line	1	NA	NA	--	--	--	--	--	NA

Cumulative Mass TPHg Removed by the VES [D] (lb)			
Period	June	Quarter 2 to Date	January 2018 to Date
Mass	1,157.1	2,995.4	3,297.6

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

Legend / Notes:

1 = Thermal oxidizer manually shut down for weekend.
2 = Thermal oxidizer restarted.
3 = Collected monthly influent and effluent samples for laboratory analysis.
4 = Operational data (flow/vacuum/PID) measured for southern area wells, and analytical samples collected from wells VEW-38, -39, -40, and RW-21 through RW-50.

System operating under SCAQMD Various Locations Permit #F97121
Vapor extraction wells on line (June 1 - June 6): VEW-38, VEW-40, RW-1, RW-4, RW-5, RW-7, RW-9, RW-10, RW-11, RW-13, RW-14, RW-18, and RW-26.
Vapor extraction wells on line(June 6 - June 27): VEW-39, RW-1, RW-4, RW-5, RW-9, RW-10, RW-11, RW-13, RW-14, and RW-18.
Vapor extraction wells on line (June 27 - June 30): VEW-38, VEW-40, RW-19, RW-20, RW-22, RW-24, RW-26 through RW-30, RW-32, RW-33, RW-35 through RW-38, and RW-40 through RW-50

Note: wells VEW-38, VEW-40, RW-19, RW-20, RW-22, RW-24, RW-26 through RW-30, RW-32, RW-33, RW-35 through RW-38, and RW-40 through RW-50 were activated on June 27 based on the initial test, and well VEW-39 was shut off due to low vapor concentration

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

A = Reading measured using Dwyer DS-300 flow sensor.
B = Concentrations obtained with a calibrated organic vapor analyzer.
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: 6/6/18 (laboratory report attached).

NA = Not available
-- = Not applicable or not measured
* = Operational values interpolated from chart recorder data or previous monitoring event.

TABLE 5A
Summary of LNAPL Removal in Well GMW-18 - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/13/18	33.88	35.44	1.56	1.0	No Sock in Well	No Sock in Well	33	229
04/25/18	33.89	35.88	1.99	1.5	No Sock in Well	No Sock in Well	35	239
05/03/18	33.75	35.53	1.78	1.5	No Sock in Well	No Sock in Well	36	249
05/11/18	33.68	35.38	1.70	1.3	No Sock in Well	No Sock in Well	38	258
05/16/18	33.90	36.00	2.10	1.5	No Sock in Well	No Sock in Well	39	268
05/25/18	35.61	37.87	2.26	1.5	No Sock in Well	No Sock in Well	41	278

Cumulative for the Reporting Period:	**8.3**	**0**	**0**	**8.3**	**56.5**
Cumulative Beginning March 2017 [A]:	**30**	**76**	**11**	**41**	**278**

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 5B
Summary of LNAPL Removal in Well GMW-62 - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/25/18	--	35.09	--	0.0	1.8	0.3	137	938
05/22/18	--	35.39	--	0.0	2.3	0.3	137	940

Cumulative for the Reporting Period:	**0.0**	**4.0**	**0.6**	**0.6**	**4.0**
Cumulative Beginning January 2014 [A]:	**112**	**174**	**25**	**137**	**940**

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 5C
Summary of LNAPL Removal in Well GMW-68 - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/04/18	34.06	34.71	0.65	0	3.8	0.5	55	374
04/25/18	34.01	34.53	0.52	0	3.8	0.5	55	378
05/07/18	34.47	34.83	0.36	0	3.8	0.5	56	382
05/22/18	34.38	34.71	0.33	0	3.8	0.5	56	385
Cumulative for the Reporting Period:				**0**	**15**	**2.2**	**2.2**	**15**
Cumulative Beginning October 2016 [A]:				**34**	**160**	**23**	**56**	**385**

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 5D
Summary of LNAPL Removal in Well TF-15 - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/13/18	34.02	36.92	2.90	3.5	No Sock in Well	NA	80	546
04/25/18	34.13	36.90	2.77	3.5	No Sock in Well	NA	83	569
05/09/18	33.90	36.15	2.25	2.3	No Sock in Well	NA	85	585
05/16/18	34.13	36.92	2.79	2.5	No Sock in Well	NA	88	602
05/23/18	34.19	36.94	2.75	3.5	No Sock in Well	NA	91	626
Cumulative for the Reporting Period:				**15**	**0**	**0**	**15**	**104**
Cumulative Beginning October 2016 [A]:				**84**	**53**	**7.7**	**91**	**626**

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 recently completed 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 5E
Summary of LNAPL Removal in Well TF-19 - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Pumping, Bailing and Socks [A] (pounds)
04/04/18	33.57	33.59	0.02	0	1.8	0.3	29	202
04/25/18	33.69	33.88	0.19	0	2.8	0.4	30	204
05/07/18	33.50	34.43	0.93	0	3.8	0.5	30	208
05/22/18	--	33.66	--	0	3.3	0.5	31	211

Cumulative for the Reporting Period:	**0**	**12**	**1.7**	**1.7**	**11**
Cumulative Beginning June 2015 [A]:	**6.8**	**165**	**24**	**31**	**211**

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 5F
Summary of LNAPL Removal in Well TF-18 - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/04/18	32.08	34.52	2.44	4.0	0	0	2,083	14,254
06/07/18	32.62	34.64	2.02	10	0	0	2,093	14,323
06/15/18	32.76	35.35	2.59	16	0	0	2,109	14,432
06/20/18	32.70	34.91	2.21	11	0	0	2,120	14,508
06/30/18	--	--	--	22	0	0	2,142	14,658

Cumulative for the Reporting Period:	**63**	**0**	**0**	**63**	**431**
Cumulative Beginning January 2014 - July 2016 [A]:	**266**	**307**	**45**	**311**	**2,128**
Cumulative Beginning August 2016 - June 2018 [B]:	**1,831**	**0**	**0**	**1,831**	**12,530**
Cumulative Beginning January 2014 [A]:	**2,097**	**307**	**45**	**2,142**	**14,658**

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 (skimming initially isolated to well TF-18 for testing purposes with other wells coming online August 11, 2016).

* = 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 occurred after approximately six months (i.e., pumping resumed on August 10, 2017).

TABLE 5G
Summary of LNAPL Removal in Well TFR-12 - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/25/18	35.54	38.24	2.70	3.5	No Sock in Well	NA	3.5	24
05/03/18	35.45	37.80	2.35	7.0	No Sock in Well	NA	11	72
05/11/18	35.52	37.70	2.18	3.5	No Sock in Well	NA	14	96
05/15/18	35.62	38.14	2.52	3.0	No Sock in Well	NA	17	116
05/17/18	35.61	38.32	2.71	2.0	No Sock in Well	NA	19	130
05/22/18	36.64	38.37	1.73	3.0	No Sock in Well	NA	22	151
05/23/18	35.64	38.38	2.74	2.8	No Sock in Well	NA	25	169
05/25/18	35.65	38.39	2.74	2.8	No Sock in Well	NA	28	188

Cumulative for the Reporting Period:	**28**	**0**	**0**	**28**	**188**
Cumulative Beginning April 2018 [A,B]:	**28**	**0**	**0**	**28**	**188**

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 2018 following installation of well during December 2017.

B = Cumulative LNAPL removed from a pneumatically controlled skimmer installed as part of a product recovery system that started operating on August 8, 2016 (skimming from well TFR-12 initiated on April 23, 2018).

TABLE 5H
Summary of LNAPL Removal in Well TFR-29 - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/27/18	32.28	39.75	7.47	14	No Sock in Well	NA	14	92
05/09/18	32.28	39.08	6.80	12	No Sock in Well	NA	26	175
05/15/18	32.32	39.64	7.32	11	No Sock in Well	NA	37	251
05/17/18	32.35	39.63	7.28	7.5	No Sock in Well	NA	44	303
05/22/18	32.38	39.68	7.30	11	No Sock in Well	NA	55	375
05/23/18	32.44	39.48	7.04	12	No Sock in Well	NA	67	455
05/25/18	32.43	39.56	7.13	8.0	No Sock in Well	NA	75	510

Cumulative for the Reporting Period:	**75**	**0**	**0**	**75**	**510**
Cumulative Beginning April 2018 [A,B]:	**75**	**0**	**0**	**75**	**510**

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 2018 following installation of well during November 2017.

B = Cumulative LNAPL removed from a pneumatically controlled skimmer installed as part of a product recovery system that started operating on August 8, 2016 (skimming from well TFR-12 initiated on April 23, 2018).

TABLE 5l
Summary of LNAPL Removal in Well RTF-18-N - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/04/18	32.55	33.04	0.49	3.0	0	0	338	2,313
06/07/18	32.30	34.11	1.81	6.0	0	0	344	2,354
06/15/18	32.39	34.93	2.54	8.0	0	0	352	2,409
06/20/18	32.33	34.51	2.18	7.0	0	0	359	2,457
06/30/18	--	--	--	14	0	0	373	2,553

Cumulative for the Reporting Period:	**38**	**0**	**0**	**38**	**260**
Cumulative Beginning April 2016 - July 2016 [A]:	**48**	**0**	**0**	**48**	**325**
Cumulative Beginning August 2016 - June 2018 [B]:	**326**	**0**	**0**	**326**	**2,227**
Cumulative Beginning April 2016 [A]:	**373**	**0**	**0**	**373**	**2,553**

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 (skimming from well RTF-18-N initiated on August 11, 2016).

* = Well RTF-18-N was off-line from September 14, 2016 to October 10, 2017 to allow for LNAPL recovery with pumping again stopped on November 30, 2017 due to insufficient yield (skimmer operations subsequently resumed again on January 7, 2018 and continued through the end of the current reporting period).

TABLE 5J
Summary of LNAPL Removal in Well RTF-18-E - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	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 2nd Quarter 2018							

Cumulative for the Reporting Period:	**0**	**0**	**0**	**0**	**0**
Cumulative Beginning May 2016 - July 2016 [A]:	**48**	**0**	**0**	**48**	**325**
Cumulative Beginning August 2016 - June 2018 [B]:	**583**	**0**	**0**	**583**	**3,990**
Cumulative Beginning May 2016 [A]:	**631**	**0**	**0**	**631**	**4,315**

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 (skimming from well RTF-18-E initiated on August 11, 2016).

* = Well RTF-18-E was off-line from February 15, 2017 to October 4, 2017 to allow for LNAPL recovery which continued to be sufficient for effective removal via skimming until March 15, 2018 when the pump was again shutdown and remained off-line through the current reporting period due to insufficient yield.

TABLE 5K
Summary of LNAPL Removal in Well RTF-18-W - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/04/18	32.88	33.79	0.91	2.0	0	0	139	949
06/07/18	33.12	34.90	1.78	6.0	0	0	145	991
06/15/18	33.24	35.75	2.51	6.0	0	0	151	1,032
06/20/18	33.18	35.28	2.10	4.0	0	0	155	1,059
06/30/18	--	--	--	8.0	0	0	163	1,114

Cumulative for the Reporting Period:	**26**	**0**	**0**	**26**	**178**
Cumulative Beginning April 2016 - July 2016 [A]:	**39**	**0**	**0**	**39**	**265**
Cumulative Beginning August 2016 - June 2018 [B]:	**124**	**0**	**0**	**124**	**849**
Cumulative Beginning April 2016 [A]:	**163**	**0**	**0**	**163**	**1,114**

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 (skimming from well RTF-18-W initiated on September 14, 2016).

* = Well RTF-18-W was off-line from December 9, 2016 to October 10, 2017 to allow for LNAPL recovery which continues to be sufficient for effective removal via skimming.

TABLE 5L
Summary of LNAPL Removal in Well RTF-18-NW - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (gallons)	Cumulative LNAPL Removed Via Vacuum Truck, Pumping, Bailing and Socks [A] (pounds)
04/04/18	32.20	34.51	2.31	3.0	0	0	2,717	18,590
06/07/18	33.09	34.78	1.69	8.0	0	0	2,725	18,644
06/15/18	33.22	35.67	2.45	14.0	0	0	2,739	18,740
06/20/18	33.14	35.27	2.13	8.0	0	0	2,747	18,795
06/30/18	--	--	--	16.0	0	0	2,763	18,904

Cumulative for the Reporting Period:	**49**	**0**	**0**	**49**	**335**
Cumulative Beginning May 2016 - July 2016 [A]:	**77**	**0**	**0**	**77**	**524**
Cumulative Beginning August 2016 - June 2018 [B]:	**2,686**	**0**	**0**	**2,686**	**18,381**
Cumulative Beginning May 2016 [A]:	**2,763**	**0**	**0**	**2,763**	**18,904**

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 (skimming from well RTF-18-NW initiated on August 11, 2016).

* = Well RTF-18-NW was off-line from February 15, 2017 to August 10, 2017 to allow for LNAPL recovery which continues to be sufficient for effective removal via skimming.

TABLE 5M
Summary of LNAPL Removal in Well RTF-18-NNW - 2nd Quarter 2018
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 (pounds)	LNAPL Removed with Socks (gallons)	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 2nd Quarter 2018							

Cumulative for the Reporting Period:	**0**	**0**	**0**	**0**	**0**
Cumulative Beginning April 2016 - July 2016 [A]:	**55**	**0**	**0**	**55**	**373**
Cumulative Beginning August 2016 - June 2018 [B]:	**49**	**0**	**0**	**49**	**332**
Cumulative Beginning April 2016 [A]:	**103**	**0**	**0**	**103**	**705**

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 (skimming from well RTF-18-NNW initiated on September 14, 2016 (off-line since January 9, 2017*).

* = Product recovery system off-line from January 9-27, 2017 due to full storage tank, and well RTF-18-NNW has since remained off-line to allow for LNAPL recovery which decreased from January 2017 to March 2017 with no measurable product from early March 2017 through mid-September 2017, and less than 0.3 foot at the end of 2017 (note that product thicknesses have since increased further during the prior and current reporting periods with skimming scheduled to resume from well RTF-18-NNW during the next reporting period).

TABLE 6

Historical Summary of Analytical Groundwater Sampling Results - Influent GWETS

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
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

TABLE 6

Historical Summary of Analytical Groundwater Sampling Results - Influent GWETS

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)
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
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

TABLE 6

Historical Summary of Analytical Groundwater Sampling Results - Influent GWETS

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)
03/14/16		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
04/05/17	5	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**74 J**	<40	**8.4**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
05/03/17		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**72 J**	<40	**4.3**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
06/05/17		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**62 J**	<40	**5.0**	<0.30	<0.20	**0.50 J**	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
07/19/17	5	GW-2, GW-15, GW-16	8015M & 8260B	**75 J**	<40	**3.4**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
08/02/17		GW-2, GW-15, GW-16	8015M & 8260B	**80 J**	<40	**4.0**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.88 J**	<0.50	<0.40	<0.30
09/13/17		GW-2, GW-15, GW-16	8015M & 8260B	**84 J**	<40	<0.20	<0.30	<0.20	<0.40	<0.30	<7.0	**0.69 J**	<0.50	<0.40	<0.30
10/16/17		GW-2, GW-15, GW-16	8015M & 8260B	**64 J**	<40	**3.7**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.54 J**	<0.50	<0.40	<0.30
11/13/17		GW-2, GW-15, GW-16	8015M & 8260B	**78 J**	<40	**4.5**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.54 J**	<0.50	<0.40	<0.30
12/11/17	7	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	<60	<40	**2.8**	<0.30	<0.20	<0.40	<0.30	**8.8 J**	<0.40	<0.50	<0.40	<0.30
01/11/18	7	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**73 J**	<40	**2.0**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30
02/26/18	7	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**130**	<40	**5.3**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.49 J**	<0.50	<0.40	<0.30
03/20/18	7	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	<60	<40	**4.4**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.47 J**	<0.50	<0.40	<0.30
04/02/18	7	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**65 J**	<40	**2.9**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.50 J**	<0.50	<0.40	<0.30
05/02/18	7	GW-2, GW-13, GW-15, GW-16	8015M & 8260B	**130**	<40	**2.5**	<0.30	<0.20	<0.40	<0.30	<7.0	**0.74 J**	<0.50	<0.40	<0.30
06/04/18		GW-2, GW-13, GW-15, GW-16	8015M & 8260B	<60	<40	**0.74**	<0.30	<0.20	<0.40	<0.30	<7.0	<0.40	<0.50	<0.40	<0.30

Legend / Notes on Next Page.

TABLE 6

Historical Summary of Analytical Groundwater Sampling Results - Influent GWETS

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

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
MTBE = Methyl tertiary-butyl ether
TBA = tertiary-Butyl alcohol
DIPE = Diisopropyl ether
ETBE = Ethyl tertiary-butyl ether
TPHg = Total petroleum hydrocarbons as gasoline
TAME = tertiary-Amyl-methyl ether
µg/L = Micrograms per liter
-- = Not available or not analyzed

<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.
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, 03/08/17, 04/17/17 and 07/03/17, and restarted on 04/27/15, 05/08/15, 04/28/16, 10/12/16, 11/23/16, 03/15/17, 04/25/17 and 07/17/17, respectively.
6 = GWETS restarted following an automatic shut down on 02/04/17.
7 = GWETS manually shut down on 11/20/17 and largely remained off-line through late May 2018 with the exception of a few operational days and/or weeks to collect system removal performance samples following the completion of media change out work and/or to complete routine groundwater monitoring and sampling work as well as system maintenance activities.

TABLE 7
Historical Summary of Analytical Vapor Sampling Results - Influent Carbon VES
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Sample Date	Notes	Vapor Extraction System 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 7
Historical Summary of Analytical Vapor Sampling Results - Influent Carbon VES
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Sample Date	Notes	Vapor Extraction System 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 7
Historical Summary of Analytical Vapor Sampling Results - Influent Carbon VES
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Sample Date	Notes	Vapor Extraction System 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
04/17/17	15	HW-1, HW-3, HW-5, HW-7	8015M & 8260M	138	**150**	**610**	**170**	**610**	**1.1**	**3.5**	**0.53**	**2.0**	<0.12	<0.50	<0.12	<0.50	**0.23**	**1.0**	**0.23**	**1.0**	<0.55	<2.0
05/03/17	15	HW-1, HW-3, HW-5, HW-7	8015M & 8260M	141	**120**	**510**	**140**	**510**	**0.69**	**2.2**	**0.58**	**2.2**	**0.12**	**0.51**	<0.12	<0.50	**0.35**	**1.5**	**0.35**	**1.5**	<0.55	<2.0
06/05/17	15	HW-1, HW-3, HW-5	8015M & 8260M	136	**110**	**430**	**120**	**430**	**0.81**	**2.6**	**0.40**	**1.5**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
06/27/17	15,17	HW-1, HW-3, HW-5, VEW-38, VEW-39, VEW-40	8015M & 8260M	--	**140**	**560**	**160**	**560**	**0.38**	**1.2**	**0.20**	**0.75**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
07/19/17		HW-5, HW-7 and VEW-39	8015M & 8260M	199	**120**	**500**	**140**	**500**	**0.75**	**2.4**	**0.45**	**1.7**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
08/09/17	18,19	HW-1, HW-5, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	8015M & 8260M	695	**560**	**2,300**	**650**	**2,300**	**0.69**	**2.2**	**0.29**	**1.1**	**0.53**	**2.3**	<0.12	<0.50	**0.44**	**1.9**	**0.44**	**1.9**	<0.55	<2.0
09/07/17	19	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	8015M & 8260M	767	**610**	**2,500**	**710**	**2,500**	**1.2**	**3.9**	**0.48**	**1.8**	**0.46**	**2.0**	<0.12	<0.50	**0.51**	**2.2**	**0.51**	**2.2**	<0.55	<2.0
10/12/17	19,20	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	8015M & 8260M	536	**370**	**1,500**	**430**	**1,500**	**1.0**	**3.2**	**0.32**	**1.2**	**0.41**	**1.8**	**0.20**	**0.88**	**0.83**	**3.6**	**1.0**	**4.5**	<0.55	<2.0
11/02/17	19	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	8015M & 8260M	300	**240**	**970**	**270**	**970**	**0.78**	**2.5**	**0.24**	**0.89**	**0.28**	**1.2**	<0.12	<0.50	**0.51**	**2.2**	**0.51**	**2.2**	<0.55	<2.0
12/11/17	19	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	8015M & 8260M	335	**270**	**1,100**	**300**	**1,100**	**0.85**	**2.7**	**0.27**	**1.0**	**0.21**	**0.9**	<0.12	<0.50	**0.37**	**1.6**	**0.37**	**1.6**	<0.55	<2.0
01/11/18	21	HW-1, HW-5, HW-7	8015M & 8260M	269	**240**	**970**	**270**	**970**	**1.1**	**3.4**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
02/12/18		HW-1, HW-5, HW-7	8015M & 8260M	148	**86**	**350**	**88**	**350**	<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
03/28/18		HW-1, HW-5, HW-7	8015M & 8260M	201	**160**	**670**	**170**	**670**	**0.59**	**1.9**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
04/02/18		HW-1, HW-5, HW-7	8015M & 8260M	191	**150**	**620**	**160**	**620**	**0.25**	**0.79**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.35	<1.5	<0.55	<2.0
05/02/18		HW-1, HW-5, HW-7	8015M & 8260M	149	**110**	**470**	**150**	**470**	**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
06/06/18		HW-1, HW-5, HW-7	8015M & 8260M	95	**49**	**200**	**50**	**200**	<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

Legend / Notes:

Data collected prior to April 2014 not verified for completeness nor accuracy.
Influent vapor sample inadvertently not collected during August 2016.

VES = Vapor extraction system
ppmv = Parts per million by volume
GRO = Gasoline range organics
µg/L = Micrograms per liter
MTBE = Methyl tertiary-butyl ether
-- = Not available or not analyzed
OVA = Organic Vapor Analyzer (calibrated or correlated to Hexane)
<0.1 = Not detected at or above the Method Reporting Limit (MRL) shown

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 9A for details).
4 = VES manually shut down.
5 = VES restarted on 11/03/14.
6 = Select soil biopiles also on line.
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 9A for details).
11 = Closed vapor extraction well VEW-34 on 08/19/15 based on low to non-detectable lab results (see Table 10 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 9A 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).
17 = Wells VEW-38, VEW-39 and VEW-40 tied into system during late June 2017 following installation per SGI's March 14, 2017 *Well Replacement Report and Work Plan*.
18 = Wells RW-1, RW-2, RW-7, RW-9, RW-12, RW-13, RW-18, RW-20 through RW-24, RW-26, and RW-28 through RW-33 tied into system during early August 2017 following installation per SGI's June 30, 2017 *Remediation Well Installation Update Report*.
19 = For full list of wells online, see SGI's November 15, 2017 *Remediation Status Report - Third Quarter 2017* and *February 15, 2018 Remediation Status Report - Fourth Quarter 2017,* respectively.
20 = Opened dilution valve approximately 10% to reduce carbon usage rate.
21 = Closed dilution valve and focused extraction efforts on relatively low concentration horizontal wells to reduce carbon usage with all other higher concentration vertical wells being connected to the recently installed thermal oxidizer (see Table 8 for details).

TABLE 8
Historical Summary of Analytical Vapor Sampling Results - Influent Thermal Oxidizer VES
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)
01/11/18	1,2,3	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, RW-9, RW-13, RW-18 and RW-26	8015M & 8260M	1,942	**370**	**1500**	**380**	**1,500**	<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
03/14/18	2,4,5,6	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	8015M & 8260M	2,193	**370**	**1500**	**380**	**1,500**	**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
04/02/18	2	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	8015M & 8260M	1,370	**1,700**	**7,100**	**1,800**	**7,100**	**4.1**	**13**	<0.13	<0.50	**0.28**	**1.2**	<0.12	<0.50	**0.76**	**3.3**	<0.35	<1.5	<0.55	<2.0
05/02/18	2	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	8015M & 8260M	1,380	**780**	**3,200**	**820**	**3,200**	**3.0**	**9.6**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	**0.28**	**1.2**	<0.35	<1.5	<0.55	<2.0
06/06/18	2,6,7	HW-1, HW-5, HW-7, VEW-39, RW-1, -4, -9, -10, -11, -13, -14 and -18	8015M & 8260M	1,531	**1,000**	**4,100**	**990**	**4,100**	**4.1**	**13**	<0.13	<0.50	**0.17**	**0.72**	<0.12	<0.50	**0.53**	**2.3**	<0.35	<1.5	<0.55	<2.0

Legend / Notes:

VES = 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 started on 01/08/18.
2 = VES operations limited to daytime hours due to noise concerns from nearby residents.
3 = Noise abatement measures implemented in an effort to address concerns from nearby residents.
4 = Vapor extraction wells RW-3 through RW-6, RW-8, RW-11, RW-12, and RW-14 through RW-17 brought online 02/14/18 following the completion of installation and tie-in activities per SGI's June 30, 2017 *Remediation Well Installation Update Report*.
5 = No sample collected for analysis during February 2018 due to site condition and system operation status.
6 = Measured individual well concentrations and opened and/or closed select vapor extraction wells (see Table 9A through 9D for details).
7 = Vapor extraction wells RW-19, RW-20, RW-22, RW-24, RW-27 through RW-30, RW-32, RW-33, RW-35 through RW-38, and RW-40 through RW-50 brought online 6/27/18 following the completion of tie-in activities per SGI's June 30, 2017 report.

TABLE 9A

Historical Summary of Field Vapor Readings - Former AST Area Horizontal Wells and Select Vertical Wells

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Notes	Vapor Extraction System(s) Wells On Line *	Well GRO Concentration (ppmv) / Screen Depth for Horizontal Wells or Interval in Feet Below Grade for Vertical Wells												
			HW-1	HW-3 **	HW-5	HW-7 **	VEW-32	VEW-33	VEW-34	VEW-35	VEW-36	VEW-37	VEW-38	VEW-39	VEW-40
			25	25	25	25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	20 - 30	20 - 30	20 - 30
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	20	140	4,176	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	21	4,000	15,000	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	0	2.5	146.0	174	0.2	0	--	--	--	--	--	--
10/23/14	4	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	3.3	20.0	2.9	2	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	2	62	382.0	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	34	270	370	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	160	835	800	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	315	600	580	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	297	545	585	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	125	533	1,233	--	--	--	--	--	--	--	--	--
04/27/15	4,6	VEW-32, VEW-33, VEW-34, HW-1, HW-3, HW-5, HW-7	1,455	138	400	810	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	28	676	732	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	--	1,283	1,526	530	329	--	--	--	--	--	--	--
09/08/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	1,914	--	839	1,811	395	162	--	--	--	--	--	--	--
09/16/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	1,333	--	756	1,142	266	184	--	--	--	--	--	--	--
10/09/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	854	--	462	807	343	258	--	--	--	--	--	--	--
11/04/15	6	VEW-32, VEW-33, HW-1, HW-3, HW-5	605	--	372	500	401	184	--	--	--	--	--	--	--
12/07/15	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	880	--	590	760	327	246	88	22	12	14	--	--	--

TABLE 9A

Historical Summary of Field Vapor Readings - Former AST Area Horizontal Wells and Select Vertical Wells

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Notes	Vapor Extraction System(s) Wells On Line *	Well GRO Concentration (ppmv) / Screen Depth for Horizontal Wells or Interval in Feet Below Grade for Vertical Wells												
			HW-1	HW-3 **	HW-5	HW-7 **	VEW-32	VEW-33	VEW-34	VEW-35	VEW-36	VEW-37	VEW-38	VEW-39	VEW-40
			25	25	25	25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	20 - 30	20 - 30	20 - 30
01/13/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	640	--	415	390	220	260	72	34	22	17	--	--	--
02/08/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	520	--	300	240	160	220	55	42	28	11	--	--	--
03/02/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	400	--	360	180	120	240	47	31	32	15	--	--	--
04/06/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	420	--	260	220	60	380	29	22	18	12	--	--	--
05/04/16	4,6	VEW-32, VEW-33, HW-1, HW-3, HW-5	400	--	240	180	90	340	36	18	25	19	--	--	--
06/17/16	6	HW-1, HW-3, HW-5	740	--	470	330	--	--	--	--	--	--	--	--	--
07/06/16	6,10	HW-1, HW-3, HW-5	480	--	340	220	--	--	--	--	--	--	--	--	--
08/05/16	6	HW-1, HW-3, HW-5	240	4	190	230.0	20	140	11	9.0	34	8.3	--	--	--
09/01/16	6,10	HW-1, HW-3, HW-5	280	--	220	260	--	--	--	--	--	--	--	--	--
10/20/16	4,6,10,11	HW-1, HW-3, HW-5, HW-7	200	140	240	280	32	80	9.1	7.3	30	6.4	--	--	--
11/01/16	6,10	HW-1, HW-3, HW-5, HW-7	160	120	180	260	--	--	--	--	--	--	--	--	--
12/05/16	4,6,10	HW-1, HW-3, HW-5, HW-7	120	100	200	240	20	60	17	8.8	20	7.1	--	--	--
01/09/17	6,10	HW-1, HW-3, HW-5, HW-7	80	17	180	200	--	--	--	--	--	--	--	--	--
02/06/17	4,6,10	HW-1, HW-3, HW-5, HW-7	100	13	160	180	12	45	11	6.1	14	5.4	--	--	--
03/20/17	12	HW-1, HW-3, HW-5, HW-7	110	12	120	160	--	--	--	--	--	--	--	--	--
04/17/17		HW-1, HW-3, HW-5, HW-7	120	10	160	220	--	--	--	--	--	--	--	--	--
05/03/17		HW-1, HW-3, HW-5, HW-7	100	19	140	260	15	33	17	8.1	19	6.7	--	--	--
06/05/17		HW-1, HW-3, HW-5	107	15	82	211	10	14	8.0	7.1	12	11	--	--	--
07/19/17	13	HW-5, HW-7 and VEW-39	--	49	79	286	12	47	9.3	4.1	6.2	4.8	550	1,680	9,600
08/09/17	14,15	HW-1, HW-5, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	192	--	94	236	5.5	27	7.7	2.3	3.7	5.4	540	940	8,000
09/07/17	14,15	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	180	--	60	220	9.2	20	11	5.5	14	10	480	190	9,200
10/12/17	14,15	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	220	--	80	260	13	28	14	9.3	19	12	270	330	5,800
11/02/17	14,15	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	346	--	105	334	10	23	11	6.6	15	9.1	400	620	3,700
12/11/17	14,15	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	280	--	90	220	7.7	20	9.3	5.1	8.8	9.1	360	480	4,900
01/11/18	15,16	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, RW-9, RW-13, RW-18 and RW-26	160	--	120	340	--	--	--	--	--	--	--	--	--
02/12/18	15	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1 through RW-18, and RW-26	60	--	75	290	--	--	--	--	--	--	--	--	--

TABLE 9A

Historical Summary of Field Vapor Readings - Former AST Area Horizontal Wells and Select Vertical Wells

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Notes	Vapor Extraction System(s) Wells On Line *	Well GRO Concentration (ppmv) / Screen Depth for Horizontal Wells or Interval in Feet Below Grade for Vertical Wells												
			HW-1	HW-3 **	HW-5	HW-7 **	VEW-32	VEW-33	VEW-34	VEW-35	VEW-36	VEW-37	VEW-38	VEW-39	VEW-40
			25	25	25	25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	20 - 30	20 - 30	20 - 30
03/14/18	15	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	--	--	--	--	7.2	2.4	8.1	7.3	0.4	4.3	420	54	4,200
03/28/18	15	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	200	--	160	240	--	--	--	--	--	--	--	--	--
04/02/18	15	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	180	--	140	220	--	--	--	--	--	--	--	--	--
05/02/18	15	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	140	--	120	200	--	--	--	--	--	--	--	--	--
06/06/18	15	HW-1, HW-5, HW-7, VEW-39, RW-1, -4, -9, -10, -11, -13, -14 and -18	100	--	80	160	--	--	--	--	--	--	--	--	--
06/27/18	15	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-19, -20, -22, -24, -26 through -30, -32, -33, -35 through -38 and -40 through -50	--	--	--	--	--	--	--	--	--	--	51	185	5,100

Legend / Notes:

GRO = Gasoline range organics ppmv = Parts per million by volume OVA = Organic Vapor Analyzer -- = Not measured VES = Vapor extraction system

Concentrations measured using calibrated field OVA.

1 = Initial readings on carbon VES 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.

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 carbon VES in accordance with recent field OVA readings and/or lab data.

13 = Wells VEW-38, VEW-39 and VEW-40 tied into carbon VES during late June 2017 following installation per SGI's March 14, 2017 Well Replacement Report and Work Plan.

14 = For full list of wells online, see SGI's November 15, 2017 *Remediation Status Report - Third Quarter 2017* and *February 15, 2018 Remediation Status Report - Fourth Quarter 2017,* respectively.

15 = See Tables 9B, 9C and 9D for applicable RW on line well field vapor readings.

16 = Wells VEW-38, VEW-39 and VEW-40 disconnected from carbon VES and tied into thermal oxidizer VES upon 01/08/18 startup (see SGI's May 15, 2018 *Remediation Status Report - First Quarter 2018* for details).

* = Carbon VES only through 2017 and also includes thermal oxidizer VES wells online after 2017.

** = Tabulated data corrected after determining well HW-3 was incorrectly labeled as well HW-7 and vice versa during late July 2017 re-development work.

TABLE 9B

Historical Summary of Field Vapor Readings - Northeastern Area Vertical Wells

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Notes	Vapor Extraction System(s) Wells On Line *	Well GRO Concentration (ppmv) / Screen Interval in Feet Below Grade																	
			RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8	RW-9	RW-10	RW-11	RW-12	RW-13	RW-14	RW-15	RW-16	RW-17	RW-18
			15 - 35	13 - 33	17 - 37	14 - 34	14 - 34	17 - 37	17 - 37	18.5 - 38.5	15 - 35	14 - 34	16 - 36	14 - 34	15 - 35	14 - 34	18 - 38	14 - 34	19 - 39	18 - 38
08/09/17	1,2,3	HW-1, HW-5, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	1,268	16	--	--	--	--	120	--	1,164	--	--	76	2,440	--	--	--	--	374
09/07/17	2,3	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	3,860	99	--	--	--	--	495	--	320	--	--	90	2,870	--	--	--	--	679
10/12/17	2,3	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	2,480	75	--	--	--	--	310	--	660	--	--	120	2,620	--	--	--	--	580
11/02/17	2,2	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	3,140	50	--	--	--	--	225	--	840	--	--	140	3,200	--	--	--	--	430
12/11/17	2,3	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	2,250	60	--	--	--	--	180	--	590	--	--	80	3,040	--	--	--	--	350
03/14/18	4,5	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	2,520	31	68	598	4,600	15	181	5.1	2,824	>10,000	420	5.5	2,000	1,235	12	40	28	937

Legend / Notes:

GRO = Gasoline range organics ppmv = Parts per million by volume OVA = Organic Vapor Analyzer VES = Vapor extraction system

Concentrations measured using calibrated field OVA.

1 = Wells RW-1, RW-2, RW-7, RW-9, RW-12, RW-13 and RW-18 initially tied into carbon VES during early August 2017 following installation per SGI's June 30, 2017 *Remediation Well Installation Update Report.*

2 = For full list of wells on line, see SGI's November 15, 2017 *Remediation Status Report - Third Quarter 2017* and *February 15, 2018 Remediation Status Report - Fourth Quarter 2017,* respectively.

3 = See Tables 9A, 9C and 9D for applicable HW, VEW and RW on line well field vapor readings.

4 = Wells RW-1, RW-2, RW-7, RW-9, RW-12, RW-13 and RW-18 disconnected from carbon VES and tied into thermal oxidizer VES upon 01/08/18 startup.

5 = Wells RW-3 through RW-6, RW-8, RW-10, RW-11, and RW-14 through RW-17 tied into thermal oxidizer VES during mid-February 2018 following installation per SGI's June 30, 2017 *Remediation Well Installation Update Report.*

* = Carbon VES only through 2017 and also includes thermal oxidizer VES wells online after 2017.

TABLE 9C
Historical Summary of Field Vapor Readings - Southern Area Vertical Wells
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

Date	Notes	Vapor Extraction System(s) Wells On Line *	Well GRO Concentration (ppmv) / Screen Interval in Feet Below Grade											
			RW-19	RW-20	RW-21	RW-22	RW-23	RW-24	RW-25	RW-26	RW-27	RW-28	RW-29	RW-30
			13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33
08/09/17	1,2	HW-1, HW-5, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	--	129	160	1,775	787	1,525	--	4,340	--	8,420	620	6,550
09/07/17	2	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	--	58	110	1,379	141	1,423	--	3,290	--	8,080	1,123	8,240
10/12/17	2	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	--	220	165	1,800	340	1,200	--	3,880	--	9,190	818	5,800
11/02/17	2	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	--	170	140	1,410	250	1,770	--	2,900	--	6,400	909	7,330
12/11/17	2	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	--	190	120	1,660	230	1,605	--	3,400	--	7,170	764	6,400
03/14/18		HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	--	280	80	840	320	950	--	1,800	--	3,100	660	2,900
06/27/18	3	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-19, -20, -22, -24, -26 through -30, -32, -33, -35 through -38 and -40 through -50	43	42	55	2,595	1,896	459	89	1,821	1,215	5,000	2,563	32

Date	Notes	Vapor Extraction System(s) Wells On Line *	Well GRO Concentration (ppmv) / Screen Interval in Feet Below Grade											
			RW-31	RW-32	RW-33	RW-34	RW-39	RW-40	RW-41	RW-42	RW-43	RW-44	RW-45	RW-46
			13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33
08/09/17	1,2,3	HW-1, HW-5, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	7,165	820	1,230	--	--	--	--	--	--	--	--	--
09/07/17	2,3	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	3,400	715	836	--	--	--	--	--	--	--	--	--
10/12/17	2,3	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	5,200	955	900	--	--	--	--	--	--	--	--	--
11/02/17	2,3	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	4,300	1,060	620	--	--	--	--	--	--	--	--	--
12/11/17	2,3	HW-1, HW-7, VEW-38, VEW-39, VEW-40, and Select RW Wells	3,900	700	510	--	--	--	--	--	--	--	--	--
03/14/18	2,3,4	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-1, -4, -5, -7, -9, -10, -11, -13, -14, -18 and -26	1,730	800	180	--	--	--	--	--	--	--	--	--
06/27/18	3,5	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-19, -20, -22, -24, -26 through -30, -32, -33, -35 through -38 and -40 through -50	80	421	843	46	24	1,782	849	3,040	886	728	56	191

Legend / Notes:

GRO = Gasoline range organics ppmv = Parts per million by volume OVA = Organic Vapor Analyzer -- = Not applicable since well not installed and/or tied into system VES = Vapor extraction system

Concentrations measured using calibrated field OVA.

1 = Wells RW-20 through RW-24, RW-26, and RW-28 through RW-33 initially tied into carbon VES during early August 2017 following installation per SGI's June 30, 2017 *Remediation Well Installation Update Report.*

2 = For full list of wells on line, see SGI's November 15, 2017 *Remediation Status Report - Third Quarter 2017* and *February 15, 2018 Remediation Status Report - Fourth Quarter 2017,* respectively.

3 = See Tables 9A, 9B and 9D for applicable HW, VEW and RW on line well field vapor readings.

4 = Wells RW-20 through RW-24, RW-26, and RW-28 through RW-RW-33 disconnected from carbon VES and tied into thermal oxidizer VES upon 01/08/18 startup (see SGI's May 15, 2018 *Remediation Status Report - First Quarter 2018* for details).

5 = Wells RW-19, RW-25, RW-27, RW-34, and RW-39 through RW-46 tied into thermal oxidizer VES during late June 2018 following installation per SGI's July 2018 *Well Installation Completion Report.*

* = Carbon VES only through 2017 and also includes thermal oxidizer VES wells online after 2017.

TABLE 9D

Historical Summary of Field Vapor Readings - North-Central Area Vertical Wells

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Notes	Vapor Extraction System(s) Wells On Line *	Well GRO Concentration (ppmv) / Screen Interval in Feet Below Grade							
			RW-35	RW-36	RW-37	RW-38	RW-47	RW-48	RW-49	RW-50
			13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33	13 - 33
06/27/18	1,2	HW-1, HW-5, HW-7, VEW-38, VEW-40, RW-19, -20, -22, -24, -26 through -30, -32, -33, -35 through -38 and -40 through -50	416	452	1,509	134	751	1,454	823	5,000

Legend / Notes:

GRO = Gasoline range organics ppmv = Parts per million by volume OVA = Organic Vapor Analyzer VES = Vapor extraction system

Concentrations measured using calibrated field OVA.

1 = Wells RW-35 through RW-38, and RW47 through RW-50 tied into thermal oxidizer VES during late June 2018 following installation per SGI's July 2018 *Well Installation Completion Report.*

2 = See Tables 9A, 9B and 9C for applicable HW, VEW and RW on line well field vapor readings.

* = Carbon vapor extraction system and thermal oxidizer vapor extraction system.

TABLE 10
Historical Summary of Analytical Vapor Sampling Results - Individual Wells
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
	11/02/17			346	**240**	**1,000**	**0.59**	**1.9**	<0.13	<0.50	**0.15**	**0.66**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	02/12/18			60	**27**	**110**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	03/28/18			167	**180**	**730**	**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-3 *	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**	**0.9**	<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
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
	11/02/17			105	**39**	**160**	**0.21**	**0.7**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	02/12/18			75	**90**	**370**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	03/28/18			91	**140**	**560**	**0.63**	**2.0**	<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		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			2.0	<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			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**	**1.3**	**2.3**	**10**	<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
	05/03/17			260	**240**	**1,000**	**2.1**	**6.6**	**1.2**	**4.6**	**0.15**	**0.64**	**0.15**	**0.66**	**0.51**	**2.2**	<0.55	<2.0
	11/02/17			334	**210**	**860**	**2.3**	**7.4**	**1.2**	**4.4**	**0.18**	**0.78**	**0.16**	**0.68**	**0.51**	**2.2**	<0.55	<2.0
	02/12/18			290	**230**	**960**	**1.3**	**4.0**	**0.48**	**1.8**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	03/28/18			270	**190**	**760**	**0.59**	**1.9**	**0.21**	**0.79**	<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
	06/27/17			9.0	<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 10
Historical Summary of Analytical Vapor Sampling Results - Individual Wells
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-33	07/09/14	1	8015M & 8260M	10	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14			22	**6.6**	**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
	06/27/17			5.8	<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
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
	06/27/17			7.0	<4.9	<20	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
VEW-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
	06/27/17			4.5	<4.9	<20	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
VEW-36	07/09/14	1		6.4	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	10/23/14			9.1	<4.9	<20	<0.2	<0.50	<0.1	<0.50	<0.1	<0.50	<0.1	<0.50	<0.2	<1.0	<0.6	<2.0
	04/27/15			5.7	<4.9	<20	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	08/10/15			2.2	**8.1**	**33**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	06/27/17			6.7	<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
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
	06/27/17			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
VEW-38	06/27/17	3		331	**37**	**150**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	07/27/17			--	**490**	**2,000**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	09/07/17			480	**440**	**1,800**	<0.16	<0.50	<0.13	<0.50	**0.17**	**0.74**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	06/27/18	4		51	**8.3**	**34**	<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-39	06/27/17	3		130	**37**	**150**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	07/27/17			--	**1,100**	**4,300**	**0.41**	**1.3**	<0.13	<0.50	**0.78**	**3.4**	<0.12	<0.50	**0.62**	**2.7**	<0.55	<2.0
	09/07/17			190	**29**	**120**	<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-40	06/27/17	3		3,018	**2,700**	**11,000**	**0.28**	**0.88**	<0.13	<0.50	**0.99**	**4.3**	<0.12	<0.50	**0.81**	**3.5**	<0.55	<2.0
	07/27/17			--	**8,800**	**36,000**	**1.4**	**4.4**	<0.13	<0.50	**8.5**	**37**	**0.23**	**1.0**	**5.3**	**23**	<0.55	<2.0
	09/07/17			9,200	**7,600**	**31,000**	**0.97**	**3.1**	<0.13	<0.50	**3.7**	**16**	**0.25**	**1.1**	**2.2**	**9.0**	<0.55	<2.0
	06/27/18	4		5,100	**2,900**	**12,000**	<0.78	<2.5	<0.78	<2.5	**0.78**	**3.4**	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RW-1	08/09/17	5		1,268	**1,100**	**4,400**	**1.7**	**5.4**	**3.7**	**14**	**0.85**	**3.7**	**0.55**	**2.4**	**2.5**	**11**	<0.55	<2.0
	09/07/17			3,860	**2,300**	**9,600**	**6.3**	**20**	**16**	**60**	**2.8**	**12**	**2.0**	**8.9**	**7.4**	**32**	<0.55	<2.0
RW-2	08/09/17	5		16	**39**	**160**	**0.19**	**0.61**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	03/14/18			31	**22**	**92**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-3	03/14/18	6		68	**37**	**150**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-4	03/14/18	6		598	**460**	**1,900**	**1.8**	**5.9**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-5	03/14/18	6		4,600	**2,900**	**12,000**	**1.7**	**5.5**	<0.13	<0.50	**0.78**	**3.4**	**0.18**	**0.76**	**2.5**	**11**	<0.55	<2.0
RW-7	08/09/17	5		120	**320**	**1,300**	<0.16	<0.50	**0.14**	**0.53**	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	03/14/18			54	**64**	**260**	<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 10
Historical Summary of Analytical Vapor Sampling Results - Individual Wells
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)
RW-9	08/09/17	5	8015M & 8260M	1,164	**1,100**	**4,500**	**0.44**	**1.4**	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	09/07/17			320	**240**	**1,000**	**0.75**	**2.4**	<0.13	<0.50	**0.19**	**0.83**	<0.12	<0.50	**0.41**	**1.8**	<0.55	<2.0
	03/14/18			2,824	**2,000**	**8,100**	**18**	**59**	<0.13	<0.50	**5.1**	**22**	**3.0**	**13**	**9.4**	**41**	<0.55	<2.0
RW-10	03/14/18	6		>10,000	**14,000**	**58,000**	**14**	**45**	<0.13	<0.50	**0.69**	**3.0**	**0.53**	**2.3**	**5.8**	**25**	<0.55	<2.0
RW-11	03/14/18	6		420	**230**	**950**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-12	08/09/17	5		76	**100**	**420**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	03/14/18			5.5	<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
RW-13	08/09/17	5		2,440	**1,800**	**7,400**	**1.6**	**5.0**	<0.13	<0.50	**0.22**	**0.95**	**0.28**	**1.2**	**1.7**	**7.4**	<0.55	<2.0
	09/07/17			2,870	**1,800**	**7,400**	**5.9**	**19.0**	<0.13	<0.50	**1.8**	**7.9**	**1.5**	**6.4**	**6.4**	**28**	<0.55	<2.0
	03/14/18			2,000	**7,300**	**30,000**	**9.1**	**29**	<0.13	<0.50	**0.64**	**2.8**	**0.46**	**2.0**	**1.8**	**7.6**	<0.55	<2.0
RW-14	03/14/18	6		1,235	**950**	**3,900**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-18	08/09/17	5		374	**170**	**700**	**1.3**	**4.2**	<0.13	<0.50	**0.32**	**1.4**	**0.28**	**1.2**	**1.2**	**5.3**	<0.55	<2.0
	09/07/17			679	**320**	**1,300**	**2.2**	**7.1**	0.7	3	**0.62**	**2.7**	**0.53**	**2.3**	**2.2**	**9.6**	<0.55	<2.0
	03/14/18			937	**490**	**2,000**	**1.4**	**4.4**	<0.13	<0.50	<0.12	<0.50	**0.25**	**1.1**	**0.76**	**3.3**	<0.55	<2.0
RW-19	06/27/18	4		43	**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
RW-20	08/16/17	5		129	**73**	**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
	09/07/17			58	**61**	**250**	<0.16	<0.50	<0.13	<0.50	**0.16**	**0.69**	<0.12	<0.50	**0.32**	**1.4**	<0.55	<2.0
	06/27/18	4		42	<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
RW-21	08/09/17	5		160	**95**	**390**	<0.16	<0.50	<0.13	<0.50	**<0.12**	**<0.50**	<0.12	<0.50	**<0.23**	**<1.0**	<0.55	<2.0
	06/27/18	4		55	<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
RW-22	08/16/17	5		1,775	**1,600**	**6,700**	**0.38**	**1.2**	<0.13	<0.50	**3.2**	**14**	**0.20**	**0.88**	**4.6**	**20**	<0.55	<2.0
	09/07/17			1,379	**1,200**	**5,000**	**0.44**	**1.4**	<0.13	<0.50	**2.2**	**9.5**	**0.48**	**2.1**	**3.2**	**14**	<0.55	<2.0
	06/27/18	4		2,595	**1,200**	**4,800**	<0.78	<2.5	<0.66	<2.5	<0.58	<2.5	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RW-23	08/09/17	5		787	**660**	**2,700**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	09/07/17			141	**83**	**340**	<0.16	<0.50	<0.13	<0.50	**0.25**	**1.1**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-24	08/16/17	5		1,525	**1,400**	**5,900**	<0.16	<0.50	<0.13	<0.50	**0.19**	**0.82**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	09/07/17			1,423	**930**	**3,800**	<0.16	<0.50	<0.13	<0.50	**0.37**	**1.6**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	06/27/18	4		459	**98**	**400**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-25	06/27/18	4		89	<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
RW-26	08/09/17	5		4,340	**7,100**	**29,000**	**0.23**	**0.75**	<0.13	<0.50	**0.94**	**4.1**	<0.12	<0.50	**0.35**	**1.5**	<0.55	<2.0
	09/07/17			3,290	**3,200**	**13,000**	**<0.16**	**<0.50**	<0.13	<0.50	**0.88**	**3.8**	<0.12	<0.50	**<0.23**	**<1.0**	<0.55	<2.0
	06/27/18	4		1,821	**710**	**2,900**	<0.78	<2.5	<0.66	<2.5	<0.58	<2.5	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RW-27	06/27/18	4		1,215	**420**	**1,700**	<0.31	<1.0	<0.27	<1.0	<0.23	<1.0	<0.23	<1.0	<0.46	<2.0	<1.1	<4.0
RW-28	08/09/17	5		8,420	**7,600**	**31,000**	**2.4**	**7.6**	<0.13	<0.50	**9.4**	**41**	**0.28**	**1.2**	**3.7**	**16**	<0.55	<2.0
	09/07/17			8,080	**7,300**	**30,000**	**1.7**	**5.5**	<0.13	<0.50	**8.1**	**35**	**0.25**	**1.1**	**3.0**	**13**	<0.55	<2.0
	06/27/18	4		5,000	**4,200**	**17,000**	<0.78	<2.5	<0.66	<2.5	**2.3**	**10**	<0.58	<2.5	**1.9**	**8.2**	<2.8	<10
RW-29	08/09/17	5		620	**640**	**2,600**	**0.16**	**0.52**	<0.13	<0.50	**0.17**	**0.75**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	09/07/17			1,123	**930**	**3,800**	**0.17**	**0.54**	<0.13	<0.50	**0.13**	**0.56**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	06/27/18	4		2,563	**780**	**3,200**	<0.78	<2.5	<0.66	<2.5	<0.58	<2.5	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RW-30	08/09/17	5		6,550	**12,000**	**50,000**	**0.85**	**2.7**	<0.13	<0.50	**17**	**72**	<0.12	<0.50	**0.81**	**3.5**	<0.55	<2.0
	09/07/17			8,240	**3,200**	**13,000**	**<0.16**	**<0.50**	<0.13	<0.50	**6.9**	**30**	<0.12	<0.50	**<0.23**	**<1.0**	<0.55	<2.0
	06/27/18	4		32	**13**	**54**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-31	08/09/17	5		7,165	**6,800**	**28,000**	**1.2**	**3.9**	**0.20**	**0.76**	**3.2**	**14**	**1.6**	**7.1**	**3.7**	**16**	<0.55	<2.0
	09/07/17			3,400	**2,900**	**12,000**	**0.4**	**1.4**	**<0.13**	**<0.50**	**3.0**	**13**	**1.1**	**4.9**	**2.3**	**10**	<0.55	<2.0
	06/27/18	4		80	**12**	**51**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-32	08/16/17	5		820	**880**	**3,600**	<0.16	<0.50	<0.13	<0.50	**0.78**	**3.4**	<0.12	<0.50	**0.28**	**1.2**	<0.55	<2.0
	09/07/17			715	**810**	**3,300**	**0.17**	**0.54**	<0.13	<0.50	**0.55**	**2.4**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	06/27/18	4		421	**66**	**270**	<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 10
Historical Summary of Analytical Vapor Sampling Results - Individual Wells
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)
	08/16/17	5		1,230	**860**	**3,500**	<0.16	<0.50	<0.13	<0.50	**0.44**	**1.9**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-33	09/07/17			836	**640**	**2,600**	<0.16	<0.50	<0.13	<0.50	**0.35**	**1.5**	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
	06/27/18	4		843	**210**	**840**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-34	06/27/18	4		46	<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
RW-35	06/27/18	4		416	**83**	**340**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-36	06/27/18	4		452	**440**	**1,800**	<0.78	<2.5	<0.66	<2.5	<0.58	<2.5	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RW-37	06/27/18	4		1,509	**210**	**850**	<0.31	<1.0	<0.27	<1.0	<0.23	<1.0	<0.23	<1.0	<0.46	<2.0	<1.1	<4.0
RW-38	06/27/18	4		134	**24**	**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
RW-39	06/27/18	4		24	**37**	**150**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-40	06/27/18	4		1,782	**2,900**	**12,000**	<0.78	<2.5	<0.66	<2.5	**0.78**	**3.4**	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RW-41	06/27/18	4	8015M & 8260M	849	**1,300**	**5,300**	<0.78	<2.5	<0.66	<2.5	<0.58	<2.5	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RW-42	06/27/18	4		3,040	**1,500**	**6,200**	<0.78	<2.5	<0.66	<2.5	<0.58	<2.5	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RW-43	06/27/18	4		886	**230**	**950**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-44	06/27/18	4		728	**88**	**360**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	**2.2**	**9.4**	**0.60**	**2.6**	<0.55	<2.0
RW-45	06/27/18	4		56	**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
RW-46	06/27/18	4		191	**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
RW-47	06/27/18	4		751	**240**	**1,000**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-48	06/27/18	4		1,454	**540**	**2,200**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-49	06/27/18	4		823	**180**	**720**	<0.16	<0.50	<0.13	<0.50	<0.12	<0.50	<0.12	<0.50	<0.23	<1.0	<0.55	<2.0
RW-50	06/27/18	4		5,000	**1,600**	**6,500**	<0.78	<2.5	<0.66	<2.5	**1.2**	**5.0**	<0.58	<2.5	<1.2	<5.0	<2.8	<10
RTF-18-NW	10/05/17	7		9,000	**16,000**	**67,000**	**100**	**330**	**0.18**	**0.66**	**12**	**52**	**13**	**56**	**60**	**260**	<0.55	<2.0
	10/09/17	7		3,635	**18,000**	**72,000**	**170**	**550**	<1.3	<5.0	**17**	**75**	**19**	**83**	**92**	**400**	<5.5	<20

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 measured

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

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

3 = System tie in work to allow for vapor extraction completed during late June 2017 following installation per SGI's March 14, 2017 *Well Replacement Report and Work Plan.*

4 = System tie in work to allow for vapor extraction completed during late June 2018 following installation per SGI's July 2018 *Well Installation Completion Report.*

5 = System tie in work to allow for vapor extraction completed during early August 2017 following installation per SGI's June 30, 2017 *Remediation Well Installation Update Report.*

6 = System tie in work to allow for vapor extraction completed during mid-February 2018 following installation per SGI's June 30, 2017 *Remediation Well Installation Update Report.*

7 = Well temporarily utilized as an extraction point as part of vacuum enhanced LNAPL recovery testing per SGI's July 2018 *LNAPL Recovery Testing Report.*

* = Tabulated data corrected after determining well HW-3 was incorrectly labeled as well HW-7 and vice versa during late July 2017 re-development work.

APPENDIX A

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

AMERICAN ANALYTICS

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

April 18, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332521 / 8D02019

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 04/02/18 16:26 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332521
Date Received: 04/02/18
Date Reported: 04/18/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	8D02019-01	Water	5	04/02/18 12:45	04/02/18 16:26
After GAC-1	8D02019-02	Water	5	04/02/18 12:59	04/02/18 16:26
After GAC-2	8D02019-03	Water	5	04/02/18 13:04	04/02/18 16:26
Arsenic Total EPA 200.7					
Surge Tank	8D02019-01	Water	5	04/02/18 12:45	04/02/18 16:26
After Zeolite Bed-1	8D02019-04	Water	5	04/02/18 13:06	04/02/18 16:26
After Zeolite Bed-2	8D02019-05	Water	5	04/02/18 13:07	04/02/18 16:26
Diesel Range Organics 8015M					
Surge Tank	8D02019-01	Water	5	04/02/18 12:45	04/02/18 16:26
After GAC-1	8D02019-02	Water	5	04/02/18 12:59	04/02/18 16:26
After GAC-2	8D02019-03	Water	5	04/02/18 13:04	04/02/18 16:26

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: A5332521
Date Received: 04/02/18
Date Reported: 04/18/18
Units: ug/L

Date Sampled:	04/02/18	04/02/18	04/02/18		
Date Prepared:	04/09/18	04/09/18	04/09/18		
Date Analyzed:	04/09/18	04/09/18	04/09/18		
AA ID No:	8D02019-01	8D02019-02	8D02019-03		
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	**2.9**	<0.20	<0.20	0.20	0.50
tert-Butyl alcohol (TBA)	<7.0	<7.0	<7.0	7.0	10
Diisopropyl ether (DIPE)	<0.50	<0.50	<0.50	0.50	2.0
Ethylbenzene	<0.20	<0.20	<0.20	0.20	0.50
Ethyl-tert-Butyl Ether (ETBE)	<0.40	<0.40	<0.40	0.40	2.0
Gasoline Range Organics (GRO)	<40	<40	<40	40	100
Methyl-tert-Butyl Ether (MTBE)	**0.50 J**	<0.40	**0.76 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	104%	106%	107%	70-140	
Dibromofluoromethane	114%	119%	126%	70-140	
Toluene-d8	99%	98%	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: A5332521
Date Received: 04/02/18
Date Reported: 04/18/18
Units: ug/L

Date Sampled:	04/02/18	04/02/18	04/02/18		
Date Prepared:	04/04/18	04/04/18	04/04/18		
Date Analyzed:	04/04/18	04/04/18	04/04/18		
AA ID No:	8D02019-01	8D02019-02	8D02019-03		
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	**65 J**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	91%	80%	74%	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: A5332521
Date Received: 04/02/18
Date Reported: 04/18/18

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
8D02019-01	Surge Tank	04/02/18	04/03/18	04/04/18	1	**0.029**	mg/L	0.006	0.007
8D02019-04	After Zeolite Bed-1	04/02/18	04/03/18	04/04/18	1	<0.0060	mg/L	0.006	0.007
8D02019-05	After Zeolite Bed-2	04/02/18	04/03/18	04/04/18	1	<0.0060	mg/L	0.006	0.007

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332521
Date Received: 04/02/18
Date Reported: 04/18/18

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 B8D0925 - EPA 5030B										
Blank (B8D0925-BLK1)				Prepared & Analyzed: 04/09/18						
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L							
Benzene	<0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L							
Ethylbenzene	<0.20	0.20	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L							
Gasoline Range Organics (GRO)	<40	40	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L							
Toluene	<0.30	0.30	ug/L							
o-Xylene	<0.30	0.30	ug/L							
m,p-Xylenes	<0.40	0.40	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.9*		*ug/L*	*50*		*99.7*	*70-140*			
Surrogate: Dibromofluoromethane	*55.9*		*ug/L*	*50*		*112*	*70-140*			
Surrogate: Toluene-d8	*48.5*		*ug/L*	*50*		*97.1*	*70-140*			
LCS (B8D0925-BS1)				Prepared & Analyzed: 04/09/18						
tert-Amyl Methyl Ether (TAME)	**21.6**	0.30	ug/L	20		108	70-130			
Benzene	**19.9**	0.20	ug/L	20		99.4	75-125			
tert-Butyl alcohol (TBA)	**118**	7.0	ug/L	100		118	70-130			
Diisopropyl ether (DIPE)	**21.0**	0.50	ug/L	20		105	70-130			
Ethylbenzene	**20.0**	0.20	ug/L	20		99.8	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**21.1**	0.40	ug/L	20		106	70-130			
Gasoline Range Organics (GRO)	**493**	40	ug/L	500		98.6	70-130			
Methyl-tert-Butyl Ether (MTBE)	**39.6**	0.40	ug/L	40		99.0	70-135			
Toluene	**20.2**	0.30	ug/L	20		101	75-125			
o-Xylene	**20.2**	0.30	ug/L	20		101	75-125			
m,p-Xylenes	**40.8**	0.40	ug/L	40		102	70-130			
Surrogate: 4-Bromofluorobenzene	*46.7*		*ug/L*	*50*		*93.3*	*70-140*			
Surrogate: Dibromofluoromethane	*51.7*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*46.1*		*ug/L*	*50*		*92.2*	*70-140*			
Matrix Spike (B8D0925-MS1)				**Source: 8C28013-02** Prepared & Analyzed: 04/09/18						

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: A5332521
Date Received: 04/02/18
Date Reported: 04/18/18

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 B8D0925 - EPA 5030B										
Matrix Spike (B8D0925-MS1) Continued Source: 8C28013-02 Prepared & Analyzed: 04/09/18										
tert-Amyl Methyl Ether (TAME)	**19.4**	0.30	ug/L	20		97.2	70-130			
Benzene	**22.3**	0.20	ug/L	20	1.40	104	70-130			
tert-Butyl alcohol (TBA)	**117**	7.0	ug/L	100		117	70-130			
Diisopropyl ether (DIPE)	**31.1**	0.50	ug/L	20	9.18	110	70-130			
Ethylbenzene	**21.3**	0.20	ug/L	20		106	70-130			
Ethyl-tert-Butyl Ether (ETBE)	**20.6**	0.40	ug/L	20		103	70-130			
Methyl-tert-Butyl Ether (MTBE)	**44.2**	0.40	ug/L	40		110	70-130			
Toluene	**20.9**	0.30	ug/L	20		104	70-130			
o-Xylene	**20.3**	0.30	ug/L	20		102	70-130			
m,p-Xylenes	**41.7**	0.40	ug/L	40		104	70-130			
Surrogate: 4-Bromofluorobenzene	*51.9*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Dibromofluoromethane	*51.2*		*ug/L*	*50*		*102*	*70-140*			
Surrogate: Toluene-d8	*50.6*		*ug/L*	*50*		*101*	*70-140*			
Matrix Spike Dup (B8D0925-MSD1) **Source: 8C28013-02** Prepared & Analyzed: 04/09/18										
tert-Amyl Methyl Ether (TAME)	**20.0**	0.30	ug/L	20		100	70-130	3.09	30	
Benzene	**22.4**	0.20	ug/L	20	1.40	105	70-130	0.403	30	
tert-Butyl alcohol (TBA)	**117**	7.0	ug/L	100		117	70-130	0.00	30	
Diisopropyl ether (DIPE)	**31.2**	0.50	ug/L	20	9.18	110	70-130	0.321	30	
Ethylbenzene	**21.6**	0.20	ug/L	20		108	70-130	1.40	30	
Ethyl-tert-Butyl Ether (ETBE)	**21.0**	0.40	ug/L	20		105	70-130	2.07	30	
Methyl-tert-Butyl Ether (MTBE)	**45.7**	0.40	ug/L	40		114	70-130	3.36	30	
Toluene	**21.0**	0.30	ug/L	20		105	70-130	0.811	30	
o-Xylene	**20.9**	0.30	ug/L	20		104	70-130	2.57	30	
m,p-Xylenes	**42.0**	0.40	ug/L	40		105	70-130	0.645	30	
Surrogate: 4-Bromofluorobenzene	*50.4*		*ug/L*	*50*		*101*	*70-140*			
Surrogate: Dibromofluoromethane	*51.8*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Toluene-d8	*49.5*		*ug/L*	*50*		*99.0*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B8D0423 - EPA 3510C										
Blank (B8D0423-BLK1) Prepared & Analyzed: 04/04/18										

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: A5332521
Date Received: 04/02/18
Date Reported: 04/18/18

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 B8D0423 - EPA 3510C										
Blank (B8D0423-BLK1) Continued				Prepared & Analyzed: 04/04/18						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*37.8*		*ug/L*	*40*		*94.6*	*50-150*			
LCS (B8D0423-BS1)				Prepared & Analyzed: 04/04/18						
Diesel Range Organics as Diesel	**613**	60	ug/L	800		76.6	75-125		30	
Surrogate: o-Terphenyl	*45.2*		*ug/L*	*40*		*113*	*50-150*			
LCS Dup (B8D0423-BSD1)				Prepared & Analyzed: 04/04/18						
Diesel Range Organics as Diesel	**770**	60	ug/L	800		96.2	75-125	22.7	30	
Surrogate: o-Terphenyl	*48.4*		*ug/L*	*40*		*121*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B8D0431 - EPA 200.7										
Blank (B8D0431-BLK1)				Prepared: 04/03/18 Analyzed: 04/04/18						
Arsenic	<0.0060	0.0060	mg/L							
LCS (B8D0431-BS1)				Prepared: 04/03/18 Analyzed: 04/04/18						
Arsenic	**1.02**	0.0060	mg/L	1.0		102	80-120		20	
LCS Dup (B8D0431-BSD1)				Prepared: 04/03/18 Analyzed: 04/04/18						
Arsenic	**0.999**	0.0060	mg/L	1.0		99.9	80-120	1.63	20	
Matrix Spike (B8D0431-MS1)		**Source: 8D02019-05**		Prepared: 04/03/18 Analyzed: 04/04/18						
Arsenic	**0.995**	0.0060	mg/L	1.0	<0.0070	99.5	75-125		20	
Matrix Spike Dup (B8D0431-MSD1)		**Source: 8D02019-05**		Prepared: 04/03/18 Analyzed: 04/04/18						
Arsenic	**1.01**	0.0060	mg/L	1.0	<0.0070	101	75-125	1.63	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332521
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	04/18/18

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

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

150061

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	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	6010B Total Copper	6010B Diss. Copper	Special Instructions
Surge Tank	8b02019-01	4-2-18	1245	Water	5	✓	✓	✓			
After GAC-1	-02	↓	1259	Water	4	✓	✓				
After GAC-2	-03		1304	Water	4	✓	✓				
After Zolite Bed-1	-04		1306	Water	1			✓			
After Zolite Bed-2	-05	↓	1307	Water	1			✓			

REVIEWED Date 4/3/18 Time 0600 Sign TAT N Days

AS332521/8b02019

Relinquished by	Date	Time	Received by
Glenn Androsko	4-2-18	13:35	
	4/2/18	1626	

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

August 07, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332516 / 8D02013

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 04/02/18 16:26 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332516
Date Received: 04/02/18
Date Reported: 08/07/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GRO in Vapor as Hexane					
Influent	8D02013-01	Vapor	5	04/02/18 11:52	04/02/18 16:26
VOCs BTEX/MTBE Vapor GC/MS					
Influent	8D02013-01	Vapor	5	04/02/18 11:52	04/02/18 16:26
VOCs Gasoline Range Organics Vapor					
Influent	8D02013-01	Vapor	5	04/02/18 11:52	04/02/18 16:26

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332516
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Matrix:	Vapor	**Sampled:**	04/02/18
Dilution:	1	**Prepared:**	04/03/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/03/18

Influent

8D02013-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**0.79**	ug/L	0.50	**0.25**	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	95.3 %	70-140
Dibromofluoromethane	117 %	70-140
Toluene-d8	90.3 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332516
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Matrix:	Vapor	**Sampled:**	04/02/18
Dilution:	1	**Prepared:**	04/03/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/03/18

Influent

8D02013-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**620**	ug/L	20	**150**	ppmv	4.9

Surrogates	**%REC**	**%REC Limits**
a,a,a-Trifluorotoluene	108 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332516
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Method:	GRO in Vapor as Hexane	**Units:**	ppmv

Date Sampled:	04/02/18	
Date Prepared:	04/03/18	
Date Analyzed:	04/03/18	
AA ID No:	8D02013-01	
Client ID No:	Influent	
Matrix:	Vapor	
Dilution Factor:	1	MRL

GRO in Vapor as Hexane (EPA 8015M)

GRO as Hexane	**160**	5.7

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: A5332516
Date Received: 04/02/18
Date Reported: 08/07/18

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 B8D0320 - *** DEFAULT PREP ****										
Blank (B8D0320-BLK1)				Prepared & Analyzed: 04/03/18						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/L*	*50*		*98.9*	*70-140*			
Surrogate: Dibromofluoromethane	*58.2*		*ug/L*	*50*		*116*	*70-140*			
Surrogate: Toluene-d8	*46.3*		*ug/L*	*50*		*92.6*	*70-140*			
LCS (B8D0320-BS1)				Prepared & Analyzed: 04/03/18						
Benzene	**19.0**	0.50	ug/L	20		94.8	75-125			
Ethylbenzene	**20.4**	0.50	ug/L	20		102	75-125			
Methyl-tert-Butyl Ether (MTBE)	**33.8**	2.0	ug/L	40		84.5	75-125			
Toluene	**20.4**	0.50	ug/L	20		102	75-125			
o-Xylene	**20.3**	0.50	ug/L	20		102	75-125			
m,p-Xylenes	**41.4**	1.0	ug/L	40		103	75-125			
Surrogate: 4-Bromofluorobenzene	*46.7*		*ug/L*	*50*		*93.5*	*70-140*			
Surrogate: Dibromofluoromethane	*45.8*		*ug/L*	*50*		*91.6*	*70-140*			
Surrogate: Toluene-d8	*47.5*		*ug/L*	*50*		*95.0*	*70-140*			
LCS Dup (B8D0320-BSD1)				Prepared & Analyzed: 04/03/18						
Benzene	**19.2**	0.50	ug/L	20		96.1	75-125	1.31	30	
Ethylbenzene	**19.7**	0.50	ug/L	20		98.3	75-125	3.50	30	
Methyl-tert-Butyl Ether (MTBE)	**37.0**	2.0	ug/L	40		92.4	75-125	8.99	30	
Toluene	**19.2**	0.50	ug/L	20		96.2	75-125	5.81	30	
o-Xylene	**19.2**	0.50	ug/L	20		96.2	75-125	5.41	30	
m,p-Xylenes	**39.1**	1.0	ug/L	40		97.6	75-125	5.72	30	
Surrogate: 4-Bromofluorobenzene	*47.6*		*ug/L*	*50*		*95.1*	*70-140*			
Surrogate: Dibromofluoromethane	*47.4*		*ug/L*	*50*		*94.8*	*70-140*			
Surrogate: Toluene-d8	*47.4*		*ug/L*	*50*		*94.8*	*70-140*			
Duplicate (B8D0320-DUP1)				**Source: 8D02014-01** Prepared: 04/03/18 Analyzed: 04/04/18						

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: A5332516
Date Received: 04/02/18
Date Reported: 08/07/18

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 B8D0320 - *** DEFAULT PREP ****										
Duplicate (B8D0320-DUP1) Continued			**Source: 8D02014-01**	Prepared: 04/03/18 Analyzed: 04/04/18						
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	*52.2*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Dibromofluoromethane	*59.3*		*ug/L*	*50*		*119*	*70-140*			
Surrogate: Toluene-d8	*48.1*		*ug/L*	*50*		*96.2*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8D0319 - *** DEFAULT PREP ****										
Blank (B8D0319-BLK1)				Prepared & Analyzed: 04/03/18						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*48.5*		*ug/L*	*50*		*97.1*	*70-130*			
LCS (B8D0319-BS1)				Prepared & Analyzed: 04/03/18						
Gasoline Range Organics (GRO)	**452**	20	ug/L	500		90.4	75-125			
Surrogate: a,a,a-Trifluorotoluene	*54.9*		*ug/L*	*50*		*110*	*70-130*			
LCS Dup (B8D0319-BSD1)				Prepared & Analyzed: 04/03/18						
Gasoline Range Organics (GRO)	**466**	20	ug/L	500		93.1	75-125	2.91	30	
Surrogate: a,a,a-Trifluorotoluene	*57.3*		*ug/L*	*50*		*115*	*70-130*			
Duplicate (B8D0319-DUP1)			**Source: 8D02013-01**	Prepared & Analyzed: 04/03/18						
Gasoline Range Organics (GRO)	**588**	20	ug/L		622			5.52	30	
Surrogate: a,a,a-Trifluorotoluene	*54.3*		*ug/L*	*50*		*109*	*70-130*			
GRO in Vapor as Hexane - Quality Control										
*Batch B8D0319 - *** DEFAULT PREP ****										
Blank (B8D0319-BLK1)				Prepared & Analyzed: 04/03/18						
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8D0319-DUP1)			**Source: 8D02013-01**	Prepared & Analyzed: 04/03/18						

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: A5332516
Date Received: 04/02/18
Date Reported: 08/07/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO in Vapor as Hexane - Quality Control										
*Batch B8D0319 - *** DEFAULT PREP ****										
Duplicate (B8D0319-DUP1) Continued	**Source: 8D02013-01** Prepared & Analyzed: 04/03/18									
GRO as Hexane	**149**	5.7	ppmv		158			5.43	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332516
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15056

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 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)

Client I.D.	AA 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	8D02013-01	4-2-18	1152	Air	1	✓	✓	✓	
Effluent	-02	"	1146	Air	1	✓	✓	✓	

PRIORITY
Rush
Date 4/2/18
Time 0639
SH

AS332516/8D02013

Relinquished by	Date	Time	Received by
Glenn Andrasko	4-2-18	1235	
	4/2/18	1626	

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 18, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332518 / 8D02015

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 04/02/18 16:26 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332518
Date Received: 04/02/18
Date Reported: 04/18/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GRO in Vapor as Hexane					
Thermox Influent	8D02015-01	Vapor	5	04/02/18 12:11	04/02/18 16:26
Thermox Effluent	8D02015-02	Vapor	5	04/02/18 12:07	04/02/18 16:26
VOCs BTEX/MTBE Vapor GC/MS					
Thermox Influent	8D02015-01	Vapor	5	04/02/18 12:11	04/02/18 16:26
Thermox Effluent	8D02015-02	Vapor	5	04/02/18 12:07	04/02/18 16:26
VOCs Gasoline Range Organics Vapor					
Thermox Influent	8D02015-01	Vapor	5	04/02/18 12:11	04/02/18 16:26
Thermox Effluent	8D02015-02	Vapor	5	04/02/18 12:07	04/02/18 16:26

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332518
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/18/18
Matrix:	Vapor	**Sampled:**	04/02/18
Dilution:	1	**Prepared:**	04/04/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/04/18

Thermox Influent

8D02015-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**13**	ug/L	0.50	**4.1**	ppmv	0.16
Ethylbenzene	**1.2**	ug/L	0.50	**0.28**	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	**3.3**	ug/L	1.0	**0.76**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	89.5 %	70-140
Dibromofluoromethane	110 %	70-140
Toluene-d8	91.7 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332518
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/18/18
Matrix:	Vapor	**Sampled:**	04/02/18
Dilution:	0.5	**Prepared:**	04/04/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	04/04/18

Thermox Effluent

8D02015-02 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	103 %	70-140
Dibromofluoromethane	122 %	70-140
Toluene-d8	93.7 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332518
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/18/18
Matrix:	Vapor	**Sampled:**	04/02/18
Dilution:	10	**Prepared:**	04/03/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/03/18

Thermox Influent

8D02015-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**7100**	ug/L	20	**1700**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	112 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332518
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/18/18
Matrix:	Vapor	**Sampled:**	04/02/18
Dilution:	1	**Prepared:**	04/03/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	04/03/18

Thermox Effluent

8D02015-02 (Vapor)

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

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	100 %	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
Method: GRO in Vapor as Hexane

AA Project No: A5332518
Date Received: 04/02/18
Date Reported: 04/18/18
Units: ppmv

Date Sampled:	04/02/18	04/02/18	
Date Prepared:	04/03/18	04/03/18	
Date Analyzed:	04/03/18	04/03/18	
AA ID No:	8D02015-01	8D02015-02	
Client ID No:	Thermox Influent	Thermox Effluent	
Matrix:	Vapor	Vapor	
Dilution Factor:	10	1	MRL
GRO in Vapor as Hexane (EPA 8015M)			
GRO as Hexane	**1800**	<5.7	5.7

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: A5332518
Date Received: 04/02/18
Date Reported: 04/18/18

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 B8D0424 - *** DEFAULT PREP ****										
Blank (B8D0424-BLK1)				Prepared & Analyzed: 04/04/18						
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	*51.2*		*ug/L*	*50*		*102*	*70-140*			
Surrogate: Dibromofluoromethane	*58.2*		*ug/L*	*50*		*116*	*70-140*			
Surrogate: Toluene-d8	*48.1*		*ug/L*	*50*		*96.1*	*70-140*			
LCS (B8D0424-BS1)				Prepared & Analyzed: 04/04/18						
Benzene	**20.5**	0.50	ug/L	20		102	75-125			
Ethylbenzene	**21.2**	0.50	ug/L	20		106	75-125			
Methyl-tert-Butyl Ether (MTBE)	**44.0**	2.0	ug/L	40		110	75-125			
Toluene	**20.8**	0.50	ug/L	20		104	75-125			
o-Xylene	**20.8**	0.50	ug/L	20		104	75-125			
m,p-Xylenes	**41.8**	1.0	ug/L	40		104	75-125			
Surrogate: 4-Bromofluorobenzene	*47.8*		*ug/L*	*50*		*95.5*	*70-140*			
Surrogate: Dibromofluoromethane	*50.1*		*ug/L*	*50*		*100*	*70-140*			
Surrogate: Toluene-d8	*48.0*		*ug/L*	*50*		*96.1*	*70-140*			
LCS Dup (B8D0424-BSD1)				Prepared: 04/04/18 Analyzed: 04/05/18						
Benzene	**18.6**	0.50	ug/L	20		93.2	75-125	9.26	30	
Ethylbenzene	**20.2**	0.50	ug/L	20		101	75-125	4.59	30	
Methyl-tert-Butyl Ether (MTBE)	**39.2**	2.0	ug/L	40		98.1	75-125	11.5	30	
Toluene	**21.3**	0.50	ug/L	20		107	75-125	2.28	30	
o-Xylene	**20.4**	0.50	ug/L	20		102	75-125	1.89	30	
m,p-Xylenes	**41.5**	1.0	ug/L	40		104	75-125	0.600	30	
Surrogate: 4-Bromofluorobenzene	*46.9*		*ug/L*	*50*		*93.8*	*70-140*			
Surrogate: Dibromofluoromethane	*47.7*		*ug/L*	*50*		*95.4*	*70-140*			
Surrogate: Toluene-d8	*46.3*		*ug/L*	*50*		*92.6*	*70-140*			
Duplicate (B8D0424-DUP1)				**Source: 8D02015-01** Prepared & Analyzed: 04/04/18						

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: A5332518
Date Received: 04/02/18
Date Reported: 04/18/18

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 B8D0424 - *** DEFAULT PREP ****										
Duplicate (B8D0424-DUP1) Continued				**Source: 8D02015-01**			Prepared & Analyzed: 04/04/18			
Benzene	**11.9**	0.50	ug/L		13.4			11.5	30	
Ethylbenzene	**1.17**	0.50	ug/L		1.17			0.00	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	**3.27**	1.0	ug/L		3.30			0.913	30	
Surrogate: 4-Bromofluorobenzene	*45.2*		*ug/L*	*50*		*90.4*	*70-140*			
Surrogate: Dibromofluoromethane	*56.9*		*ug/L*	*50*		*114*	*70-140*			
Surrogate: Toluene-d8	*45.2*		*ug/L*	*50*		*90.4*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8D0319 - *** DEFAULT PREP ****										
Blank (B8D0319-BLK1)							Prepared & Analyzed: 04/03/18			
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*48.5*		*ug/L*	*50*		*97.1*	*70-130*			
LCS (B8D0319-BS1)							Prepared & Analyzed: 04/03/18			
Gasoline Range Organics (GRO)	**452**	20	ug/L	500		90.4	75-125			
Surrogate: a,a,a-Trifluorotoluene	*54.9*		*ug/L*	*50*		*110*	*70-130*			
LCS Dup (B8D0319-BSD1)							Prepared & Analyzed: 04/03/18			
Gasoline Range Organics (GRO)	**466**	20	ug/L	500		93.1	75-125	2.91	30	
Surrogate: a,a,a-Trifluorotoluene	*57.3*		*ug/L*	*50*		*115*	*70-130*			
Duplicate (B8D0319-DUP1)				**Source: 8D02013-01**			Prepared & Analyzed: 04/03/18			
Gasoline Range Organics (GRO)	**588**	20	ug/L		622			5.52	30	
Surrogate: a,a,a-Trifluorotoluene	*54.3*		*ug/L*	*50*		*109*	*70-130*			
GRO in Vapor as Hexane - Quality Control										
*Batch B8D0319 - *** DEFAULT PREP ****										
Blank (B8D0319-BLK1)							Prepared & Analyzed: 04/03/18			
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8D0319-DUP1)				**Source: 8D02013-01**			Prepared & Analyzed: 04/03/18			

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: A5332518
Date Received: 04/02/18
Date Reported: 04/18/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO in Vapor as Hexane - Quality Control										
*Batch B8D0319 - *** DEFAULT PREP ****										
Duplicate (B8D0319-DUP1) Continued				**Source: 8D02013-01** Prepared & Analyzed: 04/03/18						
GRO as Hexane	**149**	5.7	ppmv		158			5.43	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332518
Project No:	04-NDLA-013	**Date Received:**	04/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	04/18/18

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15058

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.	AA I.D.	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B							Special Instructions
Thermox Influent	8DQ2015-01	4-2-18	1211	Air	1	✓	✓	✓							VOC's reported as
Thermox Effluent	-02	"	1207	Air	1	✓	✓	✓							TPH and Hexane
															Detection limit of 75
															ppm for Hexane
															and 0.15 ppm for
															Benzene

PRIORITY
Rush SH ↓
Hrs
Date 4/2/18 Time 0600 Sign

AS332518/8DQ2015

Relinquished by: Glenn Androsko	Date: 4-2-18	Time: 1335	Received by:
Relinquished by:	Date: 4/2/18	Time: 1626	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

June 06, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332560 / 8E02022

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/02/18 16:52 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: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	8E02022-01	Water	5	05/02/18 09:16	05/02/18 16:52
After GAC-1	8E02022-02	Water	5	05/02/18 09:10	05/02/18 16:52
After GAC-2	8E02022-03	Water	5	05/02/18 09:05	05/02/18 16:52
Arsenic Total EPA 200.7					
Surge Tank	8E02022-01	Water	5	05/02/18 09:16	05/02/18 16:52
After Zeolite Bed-1	8E02022-04	Water	5	05/02/18 09:01	05/02/18 16:52
After Zeolite Bed-2	8E02022-05	Water	5	05/02/18 09:00	05/02/18 16:52
Copper Dissolved EPA 200.7					
Z-AAL-FE_Influent	8E02022-06	Water	5	05/02/18 08:57	05/02/18 16:52
Copper Total EPA 200.7					
Z-AAL-FE_Influent	8E02022-06	Water	5	05/02/18 08:57	05/02/18 16:52
Diesel Range Organics 8015M					
Surge Tank	8E02022-01	Water	5	05/02/18 09:16	05/02/18 16:52
After GAC-1	8E02022-02	Water	5	05/02/18 09:10	05/02/18 16:52
After GAC-2	8E02022-03	Water	5	05/02/18 09:05	05/02/18 16:52

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: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18
Units: ug/L

Date Sampled:	05/02/18	05/02/18	05/02/18		
Date Prepared:	05/08/18	05/08/18	05/08/18		
Date Analyzed:	05/08/18	05/08/18	05/08/18		
AA ID No:	8E02022-01	8E02022-02	8E02022-03		
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	**2.5**	<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	<0.20	<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)	**0.74 J**	**0.65 J**	**0.85 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	109%	108%	110%		70-140
Dibromofluoromethane	129%	137%	135%		70-140
Toluene-d8	104%	100%	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: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18
Units: ug/L

Date Sampled:	05/02/18	05/02/18	05/02/18		
Date Prepared:	05/07/18	05/07/18	05/07/18		
Date Analyzed:	05/08/18	05/08/18	05/08/18		
AA ID No:	8E02022-01	8E02022-02	8E02022-03		
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	**130**	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	73%	67%	79%	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: Dissolved Metals by ICP Atomic Emission Spectroscopy

AA Project No: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Copper Dissolved EPA 200.7 (EPA 200.7)									
8E02022-06	Z-AAL-FE_Influent	05/02/18	05/03/18	05/04/18	1	<0.014	mg/L	0.014	0.014

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: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
8E02022-01	Surge Tank	05/02/18	05/03/18	05/04/18	1	**0.023**	mg/L	0.006	0.007
8E02022-04	After Zeolite Bed-1	05/02/18	05/03/18	05/04/18	1	**0.012**	mg/L	0.006	0.007
8E02022-05	After Zeolite Bed-2	05/02/18	05/03/18	05/04/18	1	**0.014**	mg/L	0.006	0.007
Copper Total EPA 200.7 (EPA 200.7)									
8E02022-06	Z-AAL-FE_Influent	05/02/18	05/03/18	05/04/18	1	<0.014	mg/L	0.014	0.014

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: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18

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 B8E0818 - EPA 5030B										
Blank (B8E0818-BLK1)				Prepared & Analyzed: 05/08/18						
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	*51.9*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Dibromofluoromethane	*64.9*		*ug/L*	*50*		*130*	*70-140*			
Surrogate: Toluene-d8	*48.4*		*ug/L*	*50*		*96.9*	*70-140*			
LCS (B8E0818-BS1)				Prepared & Analyzed: 05/08/18						
tert-Amyl Methyl Ether (TAME)	**17.4**	0.30	ug/L	20		87.1	70-130			
Benzene	**18.6**	0.20	ug/L	20		92.8	75-125			
tert-Butyl alcohol (TBA)	**88.4**	7.0	ug/L	100		88.4	70-130			
Diisopropyl ether (DIPE)	**19.7**	0.50	ug/L	20		98.6	70-130			
Ethylbenzene	**21.1**	0.20	ug/L	20		106	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**18.8**	0.40	ug/L	20		94.0	70-130			
Gasoline Range Organics (GRO)	**524**	40	ug/L	500		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	**45.5**	0.40	ug/L	40		114	70-135			
Toluene	**18.9**	0.30	ug/L	20		94.6	75-125			
o-Xylene	**19.6**	0.30	ug/L	20		98.0	75-125			
m,p-Xylenes	**39.7**	0.40	ug/L	40		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	*49.1*		*ug/L*	*50*		*98.2*	*70-140*			
Surrogate: Dibromofluoromethane	*53.0*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Toluene-d8	*49.1*		*ug/L*	*50*		*98.1*	*70-140*			
Matrix Spike (B8E0818-MS1)				**Source: 8E04005-02** Prepared & Analyzed: 05/08/18						

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: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18

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 B8E0818 - EPA 5030B										
Matrix Spike (B8E0818-MS1) Continued Source: 8E04005-02 Prepared & Analyzed: 05/08/18										
tert-Amyl Methyl Ether (TAME)	**15.6**	0.30	ug/L	20		78.0	70-130			
Benzene	**17.4**	0.20	ug/L	20		87.0	70-130			
tert-Butyl alcohol (TBA)	**91.0**	7.0	ug/L	100		91.0	70-130			
Diisopropyl ether (DIPE)	**18.6**	0.50	ug/L	20		93.0	70-130			
Ethylbenzene	**21.5**	0.20	ug/L	20		107	70-130			
Ethyl-tert-Butyl Ether (ETBE)	**17.6**	0.40	ug/L	20		88.0	70-130			
Methyl-tert-Butyl Ether (MTBE)	**43.6**	0.40	ug/L	40	4.75	97.1	70-130			
Toluene	**18.4**	0.30	ug/L	20		92.0	70-130			
o-Xylene	**20.1**	0.30	ug/L	20		101	70-130			
m,p-Xylenes	**40.1**	0.40	ug/L	40		100	70-130			
Surrogate: 4-Bromofluorobenzene	*48.8*		*ug/L*	*50*		*97.6*	*70-140*			
Surrogate: Dibromofluoromethane	*48.3*		*ug/L*	*50*		*96.6*	*70-140*			
Surrogate: Toluene-d8	*50.1*		*ug/L*	*50*		*100*	*70-140*			
Matrix Spike Dup (B8E0818-MSD1) **Source: 8E04005-02** Prepared & Analyzed: 05/08/18										
tert-Amyl Methyl Ether (TAME)	**17.0**	0.30	ug/L	20		84.9	70-130	8.41	30	
Benzene	**17.5**	0.20	ug/L	20		87.7	70-130	0.744	30	
tert-Butyl alcohol (TBA)	**99.3**	7.0	ug/L	100		99.3	70-130	8.70	30	
Diisopropyl ether (DIPE)	**18.8**	0.50	ug/L	20		93.9	70-130	0.963	30	
Ethylbenzene	**21.1**	0.20	ug/L	20		106	70-130	1.55	30	
Ethyl-tert-Butyl Ether (ETBE)	**18.3**	0.40	ug/L	20		91.4	70-130	3.85	30	
Methyl-tert-Butyl Ether (MTBE)	**47.6**	0.40	ug/L	40	4.75	107	70-130	8.75	30	
Toluene	**18.2**	0.30	ug/L	20		90.8	70-130	1.26	30	
o-Xylene	**19.5**	0.30	ug/L	20		97.4	70-130	3.28	30	
m,p-Xylenes	**39.2**	0.40	ug/L	40		97.9	70-130	2.35	30	
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50*		*98.5*	*70-140*			
Surrogate: Dibromofluoromethane	*48.7*		*ug/L*	*50*		*97.4*	*70-140*			
Surrogate: Toluene-d8	*49.3*		*ug/L*	*50*		*98.6*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B8E0735 - EPA 3510C										
Blank (B8E0735-BLK1) Prepared: 05/07/18 Analyzed: 05/08/18										

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: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18

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 B8E0735 - EPA 3510C										
Blank (B8E0735-BLK1) Continued				Prepared: 05/07/18 Analyzed: 05/08/18						
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*33.1*		*ug/L*	*40*		*82.8*	*50-150*			
LCS (B8E0735-BS1)				Prepared: 05/07/18 Analyzed: 05/08/18						
Diesel Range Organics as Diesel	**600**	60	ug/L	800		75.0	75-125		30	
Surrogate: o-Terphenyl	*30.3*		*ug/L*	*40*		*75.7*	*50-150*			
LCS Dup (B8E0735-BSD1)				Prepared: 05/07/18 Analyzed: 05/08/18						
Diesel Range Organics as Diesel	**620**	60	ug/L	800		77.5	75-125	3.28	30	
Surrogate: o-Terphenyl	*26.3*		*ug/L*	*40*		*65.7*	*50-150*			
Dissolved Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B8E0315 - EPA 3010A										
Blank (B8E0315-BLK1)				Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	<0.014	0.014	mg/L							
LCS (B8E0315-BS1)				Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	**1.06**	0.014	mg/L	1.0		106	80-120		20	
LCS Dup (B8E0315-BSD1)				Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	**1.05**	0.014	mg/L	1.0		105	80-120	1.32	20	
Matrix Spike (B8E0315-MS1)		**Source: 8E02022-06**		Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	**1.08**	0.014	mg/L	1.0	<0.014	108	75-125		20	
Matrix Spike Dup (B8E0315-MSD1)		**Source: 8E02022-06**		Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	**1.05**	0.014	mg/L	1.0	<0.014	105	75-125	2.63	20	
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B8E0314 - EPA 3010A										
Blank (B8E0314-BLK1)				Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	<0.014	0.014	mg/L							
Arsenic	<0.0060	0.0060	mg/L							
LCS (B8E0314-BS1)				Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	**1.06**	0.014	mg/L	1.0		106	80-120		20	
Arsenic	**1.18**	0.0060	mg/L	1.0		118	80-120		20	

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: A5332560
Date Received: 05/02/18
Date Reported: 06/06/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B8E0314 - EPA 3010A										
LCS Dup (B8E0314-BSD1)				Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	**1.05**	0.014	mg/L	1.0		105	80-120	1.32	20	
Arsenic	**1.11**	0.0060	mg/L	1.0		111	80-120	6.29	20	
Duplicate (B8E0314-DUP1)			**Source: 8E02022-06**	Prepared: 05/03/18 Analyzed: 05/04/18						
Arsenic	**<0.0060**	0.0060	mg/L						30	
Copper	**<0.014**	0.014	mg/L		<0.014				30	
Matrix Spike (B8E0314-MS1)			**Source: 8E02020-01**	Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	**1.07**	0.014	mg/L	1.0		107	75-125		20	
Arsenic	**1.00**	0.0060	mg/L	1.0		100	75-125		20	
Matrix Spike Dup (B8E0314-MSD1)			**Source: 8E02020-01**	Prepared: 05/03/18 Analyzed: 05/04/18						
Copper	**1.04**	0.014	mg/L	1.0		104	75-125	2.94	20	
Arsenic	**0.997**	0.0060	mg/L	1.0		99.7	75-125	0.470	20	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332560
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	06/06/18

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

15332

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 Andcosko
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:**	Glenn Andcosko
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	TPHd 8015M	TPHg/BTEX/Oxys 8260B	Arsenic 200.7	6010B Total Copper	6010B Diss. Copper	Special Instructions
						Please enter the TAT Turnaround Codes ** below					
Surge Tank	8E02022-01	5-2-18	0916	Water	5	✓	✓	✓			
After GAC-1	-02	↓	0910	Water	4	✓	✓				
After GAC-2	-03		0905	Water	4	✓	✓				
After Zolite Bed-1	-04		0901	Water	1			✓			
After Zolite Bed-2	-05		0900	Water	1			✓			
Z-AAL_FE_Influent	-06	↓	0857	Water	2				✓	✓	

REVIEWED
Date 5/3/18 Time 0700
Sign:
TAT N Days

Relinquished by	Date	Time	Received by
Glenn Andcosko	5-2-18	1255	
Relinquished by	Date	Time	Received by
	5/2/18	1652	
Relinquished by	Date	Time	Received by

AS332560/8E02022

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

August 07, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332561 / 8E02023

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/02/18 16:52 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: A5332561
Date Received: 05/02/18
Date Reported: 08/07/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GRO in Vapor as Hexane					
Influent	8E02023-01	Vapor	5	05/02/18 10:33	05/02/18 16:52
VOCs BTEX/MTBE Vapor GC/MS					
Influent	8E02023-01	Vapor	5	05/02/18 10:33	05/02/18 16:52
VOCs Gasoline Range Organics Vapor					
Influent	8E02023-01	Vapor	5	05/02/18 10:33	05/02/18 16:52

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332561
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	1	**Prepared:**	05/03/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	05/03/18

Influent

8E02023-01 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	95.2 %	70-140
Dibromofluoromethane	117 %	70-140
Toluene-d8	98.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332561
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	1	**Prepared:**	05/03/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	05/03/18

Influent

8E02023-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**470**	ug/L	20	**110**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	115 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332561
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Method:	GRO in Vapor as Hexane	**Units:**	ppmv

Date Sampled:	05/02/18	
Date Prepared:	05/03/18	
Date Analyzed:	05/03/18	
AA ID No:	8E02023-01	
Client ID No:	Influent	
Matrix:	Vapor	
Dilution Factor:	1	MRL

GRO in Vapor as Hexane (EPA 8015M)

GRO as Hexane	**150**	5.7

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: A5332561
Date Received: 05/02/18
Date Reported: 08/07/18

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 B8E0301 - *** DEFAULT PREP ****										
Blank (B8E0301-BLK1)				Prepared & Analyzed: 05/03/18						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50*		*98.3*	*70-140*			
Surrogate: Dibromofluoromethane	*53.5*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*48.9*		*ug/L*	*50*		*97.8*	*70-140*			
LCS (B8E0301-BS1)				Prepared & Analyzed: 05/03/18						
Benzene	**18.0**	0.50	ug/L	20		89.8	75-125			
Ethylbenzene	**19.7**	0.50	ug/L	20		98.4	75-125			
Methyl-tert-Butyl Ether (MTBE)	**35.6**	2.0	ug/L	40		89.0	75-125			
Toluene	**19.5**	0.50	ug/L	20		97.6	75-125			
o-Xylene	**18.6**	0.50	ug/L	20		92.8	75-125			
m,p-Xylenes	**39.4**	1.0	ug/L	40		98.6	75-125			
Surrogate: 4-Bromofluorobenzene	*45.6*		*ug/L*	*50*		*91.1*	*70-140*			
Surrogate: Dibromofluoromethane	*46.6*		*ug/L*	*50*		*93.2*	*70-140*			
Surrogate: Toluene-d8	*47.7*		*ug/L*	*50*		*95.5*	*70-140*			
LCS Dup (B8E0301-BSD1)				Prepared & Analyzed: 05/03/18						
Benzene	**17.5**	0.50	ug/L	20		87.6	75-125	2.48	30	
Ethylbenzene	**19.4**	0.50	ug/L	20		97.0	75-125	1.43	30	
Methyl-tert-Butyl Ether (MTBE)	**35.1**	2.0	ug/L	40		87.8	75-125	1.47	30	
Toluene	**19.1**	0.50	ug/L	20		95.4	75-125	2.38	30	
o-Xylene	**18.2**	0.50	ug/L	20		91.2	75-125	1.68	30	
m,p-Xylenes	**38.0**	1.0	ug/L	40		95.0	75-125	3.77	30	
Surrogate: 4-Bromofluorobenzene	*44.9*		*ug/L*	*50*		*89.8*	*70-140*			
Surrogate: Dibromofluoromethane	*45.9*		*ug/L*	*50*		*91.8*	*70-140*			
Surrogate: Toluene-d8	*47.8*		*ug/L*	*50*		*95.5*	*70-140*			
Duplicate (B8E0301-DUP1)				**Source: 8E02024-01** Prepared & Analyzed: 05/03/18						

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: A5332561
Date Received: 05/02/18
Date Reported: 08/07/18

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 B8E0301 - *** DEFAULT PREP ****										
Duplicate (B8E0301-DUP1) Continued			**Source: 8E02024-01**	Prepared & Analyzed: 05/03/18						
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	*43.2*		*ug/L*	*50*		*86.5*	*70-140*			
Surrogate: Dibromofluoromethane	*51.9*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Toluene-d8	*46.3*		*ug/L*	*50*		*92.5*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8E0306 - *** DEFAULT PREP ****										
Blank (B8E0306-BLK1)				Prepared & Analyzed: 05/03/18						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*51.8*		*ug/L*	*50*		*104*	*70-130*			
LCS (B8E0306-BS1)				Prepared & Analyzed: 05/03/18						
Gasoline Range Organics (GRO)	**494**	20	ug/L	500		98.8	75-125			
Surrogate: a,a,a-Trifluorotoluene	*58.2*		*ug/L*	*50*		*116*	*70-130*			
LCS Dup (B8E0306-BSD1)				Prepared & Analyzed: 05/03/18						
Gasoline Range Organics (GRO)	**501**	20	ug/L	500		100	75-125	1.35	30	
Surrogate: a,a,a-Trifluorotoluene	*58.6*		*ug/L*	*50*		*117*	*70-130*			
Duplicate (B8E0306-DUP1)			**Source: 8E02023-01**	Prepared & Analyzed: 05/03/18						
Gasoline Range Organics (GRO)	**461**	20	ug/L		475			2.86	30	
Surrogate: a,a,a-Trifluorotoluene	*58.1*		*ug/L*	*50*		*116*	*70-130*			
GRO in Vapor as Hexane - Quality Control										
*Batch B8E0306 - *** DEFAULT PREP ****										
Blank (B8E0306-BLK1)				Prepared & Analyzed: 05/03/18						
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8E0306-DUP1)			**Source: 8E02023-01**	Prepared & Analyzed: 05/03/18						

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: A5332561
Date Received: 05/02/18
Date Reported: 08/07/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO in Vapor as Hexane - Quality Control										
*Batch B8E0306 - *** DEFAULT PREP ****										
Duplicate (B8E0306-DUP1) Continued				**Source: 8E02023-01**	Prepared & Analyzed: 05/03/18					
GRO as Hexane	**125**	5.7	ppmv		146			15.3	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332561
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15333

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	8E02023-01	5-2-18	1033	Air	1	✓	✓	✓								
Effluent	-02	5-2-18	1027	Air	1	✓	✓	✓								

PRIORITY
Rush Hrs
Date 5/3/18 Time 0730 Sign

AS33256 01 / 8E02023

Relinquished by	Date	Time	Received by
Glenn Androsko	5-2-18	1255	
Relinquished by	Date	Time	Received by
	5/2/18	1652	
Relinquished by	Date	Time	Received by

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

AMERICAN ANALYTICS

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

May 24, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332563 / 8E02025

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/02/18 16:52 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: A5332563
Date Received: 05/02/18
Date Reported: 05/24/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GRO in Vapor as Hexane					
Thermox Influent	8E02025-01	Vapor	5	05/02/18 09:48	05/02/18 16:52
Thermox Effluent	8E02025-02	Vapor	5	05/02/18 09:43	05/02/18 16:52
South Trunkline	8E02025-03	Vapor	5	05/02/18 09:56	05/02/18 16:52
East Trunkline	8E02025-04	Vapor	5	05/02/18 10:01	05/02/18 16:52
VOCs BTEX/MTBE Vapor GC/MS					
Thermox Influent	8E02025-01	Vapor	5	05/02/18 09:48	05/02/18 16:52
Thermox Effluent	8E02025-02	Vapor	5	05/02/18 09:43	05/02/18 16:52
South Trunkline	8E02025-03	Vapor	5	05/02/18 09:56	05/02/18 16:52
East Trunkline	8E02025-04	Vapor	5	05/02/18 10:01	05/02/18 16:52
VOCs Gasoline Range Organics Vapor					
Thermox Influent	8E02025-01	Vapor	5	05/02/18 09:48	05/02/18 16:52
Thermox Effluent	8E02025-02	Vapor	5	05/02/18 09:43	05/02/18 16:52
South Trunkline	8E02025-03	Vapor	5	05/02/18 09:56	05/02/18 16:52
East Trunkline	8E02025-04	Vapor	5	05/02/18 10:01	05/02/18 16:52

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	1	**Prepared:**	05/03/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	05/03/18

Thermox Influent

8E02025-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**9.6**	ug/L	0.50	**3.0**	ppmv	0.16
Ethylbenzene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	<0.50	ug/L	0.50	<0.13	ppmv	0.13
o-Xylene	<0.50	ug/L	0.50	<0.12	ppmv	0.12
m,p-Xylenes	**1.2**	ug/L	1.0	**0.28**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	89.9 %	70-140
Dibromofluoromethane	117 %	70-140
Toluene-d8	89.5 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	0.5	**Prepared:**	05/03/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	05/03/18

Thermox Effluent

8E02025-02 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	98.0 %	70-140
Dibromofluoromethane	121 %	70-140
Toluene-d8	94.7 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	1	**Prepared:**	05/03/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	05/03/18

South Trunkline

8E02025-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<0.50	ug/L	0.50	<0.16	ppmv	0.16
Ethylbenzene	**0.89**	ug/L	0.50	**0.20**	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	**1.4**	ug/L	1.0	**0.32**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	81.7 %	70-140
Dibromofluoromethane	114 %	70-140
Toluene-d8	97.3 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	1	**Prepared:**	05/03/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	05/03/18

East Trunkline

8E02025-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**33**	ug/L	0.50	**10**	ppmv	0.16
Ethylbenzene	**16**	ug/L	0.50	**3.7**	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	**0.98**	ug/L	0.50	**0.26**	ppmv	0.13
o-Xylene	**6.0**	ug/L	0.50	**1.4**	ppmv	0.12
m,p-Xylenes	**57**	ug/L	1.0	**13**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	93.9 %	70-140
Dibromofluoromethane	101 %	70-140
Toluene-d8	92.2 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	2	**Prepared:**	05/03/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	05/03/18

Thermox Influent

8E02025-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**3200**	ug/L	20	**780**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	115 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	1	**Prepared:**	05/03/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	05/03/18

Thermox Effluent

8E02025-02 (Vapor)

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

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	104 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	1	**Prepared:**	05/03/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	05/03/18

South Trunkline

8E02025-03 (Vapor)

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

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	116 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18
Matrix:	Vapor	**Sampled:**	05/02/18
Dilution:	5	**Prepared:**	05/03/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	05/03/18

East Trunkline

8E02025-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**18000**	ug/L	20	**4400**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	119 %	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
Method: GRO in Vapor as Hexane

AA Project No: A5332563
Date Received: 05/02/18
Date Reported: 05/24/18
Units: ppmv

Date Sampled:	05/02/18	05/02/18	05/02/18	05/02/18	
Date Prepared:	05/03/18	05/03/18	05/03/18	05/03/18	
Date Analyzed:	05/03/18	05/03/18	05/03/18	05/03/18	
AA ID No:	8E02025-01	8E02025-02	8E02025-03	8E02025-04	
Client ID No:	Thermox Influent	Thermox Effluent	South Trunkline	East Trunkline	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	2	1	1	5	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**820**	<5.7	**380**	**4700**	5.7

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: A5332563
Date Received: 05/02/18
Date Reported: 05/24/18

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 B8E0301 - *** DEFAULT PREP ****										
Blank (B8E0301-BLK1)				Prepared & Analyzed: 05/03/18						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/L*	*50*		*98.3*	*70-140*			
Surrogate: Dibromofluoromethane	*53.5*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*48.9*		*ug/L*	*50*		*97.8*	*70-140*			
LCS (B8E0301-BS1)				Prepared & Analyzed: 05/03/18						
Benzene	**18.0**	0.50	ug/L	20		89.8	75-125			
Ethylbenzene	**19.7**	0.50	ug/L	20		98.4	75-125			
Methyl-tert-Butyl Ether (MTBE)	**35.6**	2.0	ug/L	40		89.0	75-125			
Toluene	**19.5**	0.50	ug/L	20		97.6	75-125			
o-Xylene	**18.6**	0.50	ug/L	20		92.8	75-125			
m,p-Xylenes	**39.4**	1.0	ug/L	40		98.6	75-125			
Surrogate: 4-Bromofluorobenzene	*45.6*		*ug/L*	*50*		*91.1*	*70-140*			
Surrogate: Dibromofluoromethane	*46.6*		*ug/L*	*50*		*93.2*	*70-140*			
Surrogate: Toluene-d8	*47.7*		*ug/L*	*50*		*95.5*	*70-140*			
LCS Dup (B8E0301-BSD1)				Prepared & Analyzed: 05/03/18						
Benzene	**17.5**	0.50	ug/L	20		87.6	75-125	2.48	30	
Ethylbenzene	**19.4**	0.50	ug/L	20		97.0	75-125	1.43	30	
Methyl-tert-Butyl Ether (MTBE)	**35.1**	2.0	ug/L	40		87.8	75-125	1.47	30	
Toluene	**19.1**	0.50	ug/L	20		95.4	75-125	2.38	30	
o-Xylene	**18.2**	0.50	ug/L	20		91.2	75-125	1.68	30	
m,p-Xylenes	**38.0**	1.0	ug/L	40		95.0	75-125	3.77	30	
Surrogate: 4-Bromofluorobenzene	*44.9*		*ug/L*	*50*		*89.8*	*70-140*			
Surrogate: Dibromofluoromethane	*45.9*		*ug/L*	*50*		*91.8*	*70-140*			
Surrogate: Toluene-d8	*47.8*		*ug/L*	*50*		*95.5*	*70-140*			
Duplicate (B8E0301-DUP1)				**Source: 8E02024-01** Prepared & Analyzed: 05/03/18						

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: A5332563
Date Received: 05/02/18
Date Reported: 05/24/18

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 B8E0301 - *** DEFAULT PREP ****										
Duplicate (B8E0301-DUP1) Continued			**Source: 8E02024-01**	Prepared & Analyzed: 05/03/18						
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	*43.2*		*ug/L*	*50*		*86.5*	*70-140*			
Surrogate: Dibromofluoromethane	*51.9*		*ug/L*	*50*		*104*	*70-140*			
Surrogate: Toluene-d8	*46.3*		*ug/L*	*50*		*92.5*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8E0306 - *** DEFAULT PREP ****										
Blank (B8E0306-BLK1)				Prepared & Analyzed: 05/03/18						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*51.8*		*ug/L*	*50*		*104*	*70-130*			
LCS (B8E0306-BS1)				Prepared & Analyzed: 05/03/18						
Gasoline Range Organics (GRO)	**494**	20	ug/L	500		98.8	75-125			
Surrogate: a,a,a-Trifluorotoluene	*58.2*		*ug/L*	*50*		*116*	*70-130*			
LCS Dup (B8E0306-BSD1)				Prepared & Analyzed: 05/03/18						
Gasoline Range Organics (GRO)	**501**	20	ug/L	500		100	75-125	1.35	30	
Surrogate: a,a,a-Trifluorotoluene	*58.6*		*ug/L*	*50*		*117*	*70-130*			
Duplicate (B8E0306-DUP1)			**Source: 8E02023-01**	Prepared & Analyzed: 05/03/18						
Gasoline Range Organics (GRO)	**461**	20	ug/L		475			2.86	30	
Surrogate: a,a,a-Trifluorotoluene	*58.1*		*ug/L*	*50*		*116*	*70-130*			
GRO in Vapor as Hexane - Quality Control										
*Batch B8E0306 - *** DEFAULT PREP ****										
Blank (B8E0306-BLK1)				Prepared & Analyzed: 05/03/18						
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8E0306-DUP1)			**Source: 8E02023-01**	Prepared & Analyzed: 05/03/18						

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: A5332563
Date Received: 05/02/18
Date Reported: 05/24/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO in Vapor as Hexane - Quality Control										
*Batch B8E0306 - *** DEFAULT PREP ****										
Duplicate (B8E0306-DUP1) Continued				**Source: 8E02023-01**	Prepared & Analyzed: 05/03/18					
GRO as Hexane	**125**	5.7	ppmv		146			15.3	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332563
Project No:	04-NDLA-013	**Date Received:**	05/02/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	05/24/18

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15335

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

Client I.D.	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			
Thermox Influent	8E02025-01	5-2-18	0948	Air	1	✓	✓	✓	VOC's reported as
Thermox Effluent	-02	↓	0943	Air	1	✓	✓	✓	TPH and Hexane
South Trunkline	-03		0956	Air	1	✓	✓	✓	Detection limit of 75
East Trunkline	-04		1001	Air	1	✓	✓	✓	ppm for Hexane
									and 0.15 ppm for
									Benzene

PRIORITY SH ✓ Rush Hrs Date 5/3/18 Time 0700am

AS332563/8E02025

Relinquished by	Date	Time	Received by
Glenn Andrasko	5-2-18	12:55	
Relinquished by	Date	Time	Received by
	5/2/18	1652	
Relinquished by	Date	Time	Received by

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

AMERICAN ANALYTICS

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

June 26, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332613 / 8F04011

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/04/18 16:26 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332613
Date Received: 06/04/18
Date Reported: 06/26/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGASOLINEBTEXOXY					
Surge Tank	8F04011-01	Water	5	06/04/18 11:16	06/04/18 16:26
After GAC-1	8F04011-02	Water	5	06/04/18 11:11	06/04/18 16:26
After GAC-2	8F04011-03	Water	5	06/04/18 11:06	06/04/18 16:26
Arsenic Total EPA 200.7					
Surge Tank	8F04011-01	Water	5	06/04/18 11:16	06/04/18 16:26
After Zeolite Bed-1	8F04011-04	Water	5	06/04/18 11:01	06/04/18 16:26
After Zeolite Bed-2	8F04011-05	Water	5	06/04/18 11:00	06/04/18 16:26
Diesel Range Organics 8015M					
Surge Tank	8F04011-01	Water	5	06/04/18 11:16	06/04/18 16:26
After GAC-1	8F04011-02	Water	5	06/04/18 11:11	06/04/18 16:26
After GAC-2	8F04011-03	Water	5	06/04/18 11:06	06/04/18 16:26

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: A5332613
Date Received: 06/04/18
Date Reported: 06/26/18
Units: ug/L

Date Sampled:	06/04/18	06/04/18	06/04/18		
Date Prepared:	06/14/18	06/14/18	06/14/18		
Date Analyzed:	06/14/18	06/14/18	06/14/18		
AA ID No:	8F04011-01	8F04011-02	8F04011-03		
Client ID No:	Surge Tank	After GAC-1	After GAC-2		
Matrix:	Water	Water	Water		
Dilution Factor:	1	1	1	MDL	MRL
8260B TPHGASOLINEBTEXOXY (EPA 8260B)					
tert-Amyl Methyl Ether (TAME)	<0.30	<0.30	<0.30	0.30	2.0
Benzene	**0.74**	<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	<0.40	<0.40	0.40	2.0
Toluene	<0.30	<0.30	<0.30	0.30	0.50
o-Xylene	<0.30	<0.30	<0.30	0.30	0.50
m,p-Xylenes	<0.40	<0.40	<0.40	0.40	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	123%	135%	129%		70-140
Dibromofluoromethane	90%	91%	96%		70-140
Toluene-d8	110%	121%	115%		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: A5332613
Date Received: 06/04/18
Date Reported: 06/26/18
Units: ug/L

Date Sampled:	06/04/18	06/04/18	06/04/18		
Date Prepared:	06/06/18	06/06/18	06/06/18		
Date Analyzed:	06/15/18	06/15/18	06/15/18		
AA ID No:	8F04011-01	8F04011-02	8F04011-03		
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	<60	<60	<60	60	100
Surrogates				**%REC Limits**	
o-Terphenyl	87%	88%	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: A5332613
Date Received: 06/04/18
Date Reported: 06/26/18

AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
Arsenic Total EPA 200.7 (EPA 200.7)									
8F04011-01	Surge Tank	06/04/18	06/06/18	06/08/18	1	**0.024**	mg/L	0.006	0.007
8F04011-04	After Zeolite Bed-1	06/04/18	06/06/18	06/08/18	1	**0.0098**	mg/L	0.006	0.007
8F04011-05	After Zeolite Bed-2	06/04/18	06/06/18	06/08/18	1	**0.0098**	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: A5332613
Date Received: 06/04/18
Date Reported: 06/26/18

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 B8F1402 - EPA 5030B										
Blank (B8F1402-BLK1)				Prepared & Analyzed: 06/14/18						
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L							
Benzene	<0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L							
Ethylbenzene	<0.20	0.20	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L							
Gasoline Range Organics (GRO)	<40	40	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L							
Toluene	<0.30	0.30	ug/L							
o-Xylene	<0.30	0.30	ug/L							
m,p-Xylenes	<0.40	0.40	ug/L							
Surrogate: 4-Bromofluorobenzene	*63.6*		*ug/L*	*50*		*127*	*70-140*			
Surrogate: Dibromofluoromethane	*46.3*		*ug/L*	*50*		*92.6*	*70-140*			
Surrogate: Toluene-d8	*58.2*		*ug/L*	*50*		*116*	*70-140*			
LCS (B8F1402-BS1)				Prepared & Analyzed: 06/14/18						
tert-Amyl Methyl Ether (TAME)	**18.1**	0.30	ug/L	20		90.4	70-130			
Benzene	**19.8**	0.20	ug/L	20		99.2	75-125			
tert-Butyl alcohol (TBA)	**108**	7.0	ug/L	100		108	70-130			
Diisopropyl ether (DIPE)	**20.3**	0.50	ug/L	20		101	70-130			
Ethylbenzene	**23.2**	0.20	ug/L	20		116	75-125			
Ethyl-tert-Butyl Ether (ETBE)	**20.2**	0.40	ug/L	20		101	70-130			
Gasoline Range Organics (GRO)	**578**	40	ug/L	500		116	70-130			
Methyl-tert-Butyl Ether (MTBE)	**46.4**	0.40	ug/L	40		116	70-135			
Toluene	**23.4**	0.30	ug/L	20		117	75-125			
o-Xylene	**18.6**	0.30	ug/L	20		92.8	75-125			
m,p-Xylenes	**38.3**	0.40	ug/L	40		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Dibromofluoromethane	*43.0*		*ug/L*	*50*		*86.0*	*70-140*			
Surrogate: Toluene-d8	*61.3*		*ug/L*	*50*		*123*	*70-140*			
Matrix Spike (B8F1402-MS1)				**Source: 8F04012-01** Prepared & Analyzed: 06/14/18						

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: A5332613
Date Received: 06/04/18
Date Reported: 06/26/18

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 B8F1402 - EPA 5030B										
Matrix Spike (B8F1402-MS1) Continued				**Source: 8F04012-01**			Prepared & Analyzed: 06/14/18			
tert-Amyl Methyl Ether (TAME)	**19.5**	0.30	ug/L	20		97.6	70-130			
Benzene	**20.7**	0.20	ug/L	20		104	70-130			
tert-Butyl alcohol (TBA)	**110**	7.0	ug/L	100		110	70-130			
Diisopropyl ether (DIPE)	**21.8**	0.50	ug/L	20		109	70-130			
Ethylbenzene	**21.6**	0.20	ug/L	20		108	70-130			
Ethyl-tert-Butyl Ether (ETBE)	**21.4**	0.40	ug/L	20		107	70-130			
Methyl-tert-Butyl Ether (MTBE)	**50.8**	0.40	ug/L	40		127	70-130			
Toluene	**21.6**	0.30	ug/L	20		108	70-130			
o-Xylene	**16.6**	0.30	ug/L	20		82.8	70-130			
m,p-Xylenes	**36.0**	0.40	ug/L	40		89.9	70-130			
Surrogate: 4-Bromofluorobenzene	*58.6*		*ug/L*	*50*		*117*	*70-140*			
Surrogate: Dibromofluoromethane	*47.2*		*ug/L*	*50*		*94.4*	*70-140*			
Surrogate: Toluene-d8	*57.9*		*ug/L*	*50*		*116*	*70-140*			
Matrix Spike Dup (B8F1402-MSD1)				**Source: 8F04012-01**			Prepared & Analyzed: 06/14/18			
tert-Amyl Methyl Ether (TAME)	**19.4**	0.30	ug/L	20		97.2	70-130	0.462	30	
Benzene	**19.9**	0.20	ug/L	20		99.4	70-130	4.14	30	
tert-Butyl alcohol (TBA)	**118**	7.0	ug/L	100		118	70-130	6.55	30	
Diisopropyl ether (DIPE)	**22.9**	0.50	ug/L	20		115	70-130	5.05	30	
Ethylbenzene	**21.3**	0.20	ug/L	20		107	70-130	1.54	30	
Ethyl-tert-Butyl Ether (ETBE)	**22.1**	0.40	ug/L	20		110	70-130	3.04	30	
Methyl-tert-Butyl Ether (MTBE)	**49.9**	0.40	ug/L	40		125	70-130	1.63	30	
Toluene	**19.2**	0.30	ug/L	20		96.0	70-130	11.7	30	
o-Xylene	**16.9**	0.30	ug/L	20		84.4	70-130	2.03	30	
m,p-Xylenes	**35.2**	0.40	ug/L	40		88.1	70-130	2.02	30	
Surrogate: 4-Bromofluorobenzene	*53.2*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Dibromofluoromethane	*45.6*		*ug/L*	*50*		*91.2*	*70-140*			
Surrogate: Toluene-d8	*55.9*		*ug/L*	*50*		*112*	*70-140*			
Diesel Range Organics by GC/FID - Quality Control										
Batch B8F0622 - EPA 3510C										
Blank (B8F0622-BLK1)							Prepared: 06/06/18 Analyzed: 06/15/18			

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: A5332613
Date Received: 06/04/18
Date Reported: 06/26/18

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 B8F0622 - EPA 3510C										
Blank (B8F0622-BLK1) Continued				Prepared: 06/06/18			Analyzed: 06/15/18			
Diesel Range Organics as Diesel	<60	60	ug/L							
Surrogate: o-Terphenyl	*30.1*		*ug/L*	*40*		*75.3*	*50-150*			
LCS (B8F0622-BS1)				Prepared: 06/06/18			Analyzed: 06/15/18			
Diesel Range Organics as Diesel	**575**	60	ug/L	800		71.9	75-125		30	***
Surrogate: o-Terphenyl	*20.1*		*ug/L*	*40*		*50.2*	*50-150*			
Total Metals by ICP Atomic Emission Spectroscopy - Quality Control										
Batch B8F0626 - EPA 200.7										
Blank (B8F0626-BLK1)				Prepared: 06/06/18			Analyzed: 06/08/18			
Arsenic	<0.0060	0.0060	mg/L							
LCS (B8F0626-BS1)				Prepared: 06/06/18			Analyzed: 06/08/18			
Arsenic	**1.08**	0.0060	mg/L	1.0		108	80-120		20	
LCS Dup (B8F0626-BSD1)				Prepared: 06/06/18			Analyzed: 06/08/18			
Arsenic	**1.07**	0.0060	mg/L	1.0		107	80-120	0.560	20	
Duplicate (B8F0626-DUP1)			**Source: 8F04012-01**	Prepared: 06/06/18			Analyzed: 06/08/18			
Arsenic	**<0.0060**	0.0060	mg/L						30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332613
Project No:	04-NDLA-013	**Date Received:**	06/04/18
Project Name:	DFSP Norwalk GWETS NPDES Monthly	**Date Reported:**	06/26/18

Special Notes

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

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15646

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 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)

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	6010B Total Copper	6010B Diss. Copper	Special Instructions
Surge Tank	8F04011-01	6-4-18	1116	Water	5	✓	✓	✓			
After GAC-1	-02		1111	Water	4	✓	✓				
After GAC-2	-03		1106	Water	4	✓	✓				
After Zeolite Bed-1	-04		1101	Water	1			✓			
After Zeolite Bed-2	-05	↓	1100	Water	1			✓			

RECEIVED Date 6/4/18 Time 17:00 Sign [signature] TAT N Days

AS332613/8F04011

Relinquished by	Date	Time	Received by
Glenn Andrasko	6-4-18		[signature]
[signature]	6-4-18	426	[signature]
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

August 07, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332619 / 8F06027

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/06/18 15:56 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: A5332619
Date Received: 06/06/18
Date Reported: 08/07/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GRO in Vapor as Hexane					
Influent	8F06027-01	Vapor	5	06/06/18 08:54	06/06/18 15:56
VOCs BTEX/MTBE Vapor GC/MS					
Influent	8F06027-01	Vapor	5	06/06/18 08:54	06/06/18 15:56
VOCs Gasoline Range Organics Vapor					
Influent	8F06027-01	Vapor	5	06/06/18 08:54	06/06/18 15:56

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332619
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	1	**Prepared:**	06/08/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/08/18

Influent

8F06027-01 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	108 %	70-140
Dibromofluoromethane	110 %	70-140
Toluene-d8	112 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332619
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	1	**Prepared:**	06/07/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/07/18

Influent

8F06027-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**200**	ug/L	20	**49**	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:**	A5332619
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18
Method:	GRO in Vapor as Hexane	**Units:**	ppmv

Date Sampled:	06/06/18	
Date Prepared:	06/07/18	
Date Analyzed:	06/07/18	
AA ID No:	8F06027-01	
Client ID No:	Influent	
Matrix:	Vapor	
Dilution Factor:	1	MRL

GRO in Vapor as Hexane (EPA 8015M)

GRO as Hexane	**50**	5.7

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: A5332619
Date Received: 06/06/18
Date Reported: 08/07/18

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 B8F0809 - *** DEFAULT PREP ****										
Blank (B8F0809-BLK1)				Prepared & Analyzed: 06/08/18						
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	*52.3*		*ug/L*	*50*		*105*	*70-140*			
Surrogate: Dibromofluoromethane	*50.5*		*ug/L*	*50*		*101*	*70-140*			
Surrogate: Toluene-d8	*63.4*		*ug/L*	*50*		*127*	*70-140*			
LCS (B8F0809-BS1)				Prepared: 06/08/18 Analyzed: 06/09/18						
Benzene	**18.6**	0.50	ug/L	20		92.8	75-125			
Ethylbenzene	**22.7**	0.50	ug/L	20		113	75-125			
Methyl-tert-Butyl Ether (MTBE)	**39.4**	2.0	ug/L	40		98.4	75-125			
Toluene	**21.1**	0.50	ug/L	20		106	75-125			
o-Xylene	**18.4**	0.50	ug/L	20		92.0	75-125			
m,p-Xylenes	**40.0**	1.0	ug/L	40		99.9	75-125			
Surrogate: 4-Bromofluorobenzene	*55.2*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*57.2*		*ug/L*	*50*		*114*	*70-140*			
Surrogate: Toluene-d8	*58.3*		*ug/L*	*50*		*117*	*70-140*			
LCS Dup (B8F0809-BSD1)				Prepared & Analyzed: 06/08/18						
Benzene	**20.0**	0.50	ug/L	20		99.8	75-125	7.37	30	
Ethylbenzene	**20.3**	0.50	ug/L	20		102	75-125	11.0	30	
Methyl-tert-Butyl Ether (MTBE)	**45.1**	2.0	ug/L	40		113	75-125	13.6	30	
Toluene	**19.7**	0.50	ug/L	20		98.4	75-125	7.06	30	
o-Xylene	**18.2**	0.50	ug/L	20		90.9	75-125	1.20	30	
m,p-Xylenes	**36.9**	1.0	ug/L	40		92.2	75-125	7.96	30	
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50*		*100*	*70-140*			
Surrogate: Dibromofluoromethane	*53.5*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*57.3*		*ug/L*	*50*		*115*	*70-140*			
Duplicate (B8F0809-DUP1)				**Source: 8F08004-01** Prepared & Analyzed: 06/08/18						

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: A5332619
Date Received: 06/06/18
Date Reported: 08/07/18

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 B8F0809 - *** DEFAULT PREP ****										
Duplicate (B8F0809-DUP1) Continued				**Source: 8F08004-01**		Prepared & Analyzed: 06/08/18				
Benzene	**0.445**	0.25	ug/L		0.360			21.1	30	
Ethylbenzene	**<0.25**	0.25	ug/L						30	
Methyl-tert-Butyl Ether (MTBE)	**<1.0**	1.0	ug/L						30	
Toluene	**0.610**	0.25	ug/L		0.495			20.8	30	
o-Xylene	**<0.25**	0.25	ug/L						30	
m,p-Xylenes	**<0.50**	0.50	ug/L						30	
Surrogate: 4-Bromofluorobenzene	*56.0*		*ug/L*	*50*		*112*	*70-140*			
Surrogate: Dibromofluoromethane	*54.5*		*ug/L*	*50*		*109*	*70-140*			
Surrogate: Toluene-d8	*54.3*		*ug/L*	*50*		*109*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8F0712 - *** DEFAULT PREP ****										
Blank (B8F0712-BLK1)						Prepared & Analyzed: 06/07/18				
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*46.1*		*ug/L*	*50*		*92.3*	*70-130*			
LCS (B8F0712-BS1)						Prepared & Analyzed: 06/07/18				
Gasoline Range Organics (GRO)	**447**	20	ug/L	500		89.3	75-125			
Surrogate: a,a,a-Trifluorotoluene	*53.8*		*ug/L*	*50*		*108*	*70-130*			
LCS Dup (B8F0712-BSD1)						Prepared & Analyzed: 06/07/18				
Gasoline Range Organics (GRO)	**466**	20	ug/L	500		93.3	75-125	4.31	30	
Surrogate: a,a,a-Trifluorotoluene	*55.7*		*ug/L*	*50*		*111*	*70-130*			
Duplicate (B8F0712-DUP1)				**Source: 8F06026-03**		Prepared & Analyzed: 06/07/18				
Gasoline Range Organics (GRO)	**862**	20	ug/L		862			0.0922	30	
Surrogate: a,a,a-Trifluorotoluene	*58.4*		*ug/L*	*50*		*117*	*70-130*			
GRO in Vapor as Hexane - Quality Control										
*Batch B8F0712 - *** DEFAULT PREP ****										
Blank (B8F0712-BLK1)						Prepared & Analyzed: 06/07/18				
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8F0712-DUP1)				**Source: 8F06026-03**		Prepared & Analyzed: 06/07/18				

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: A5332619
Date Received: 06/06/18
Date Reported: 08/07/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO in Vapor as Hexane - Quality Control										
*Batch B8F0712 - *** DEFAULT PREP ****										
Duplicate (B8F0712-DUP1) Continued			**Source: 8F06026-03**	Prepared & Analyzed: 06/07/18						
GRO as Hexane	**211**	5.7	ppmv		210			0.112	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332619
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	08/07/18

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15666

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 Andrzeska
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Andrzeska
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										
VES Influent	8F06027-01	6-6-18	0854	Air	1	✓	✓	✓								
VES Effluent	-02	6-6-18	0851	Air	1	✓	✓	✓								

PRIORITY
Rush Hrs
Date 6/6/18 Time 1300
SH
Design

Relinquished by	Date	Time	Received by
Glenn Andrzeska	6-6-18		
Relinquished by	Date	Time	Received by
	6/6/18	356	
Relinquished by	Date	Time	Received by

AS332619/8F06027

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

AMERICAN ANALYTICS

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

June 26, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332618 / 8F06026

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/06/18 15:56 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: A5332618
Date Received: 06/06/18
Date Reported: 06/26/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GRO in Vapor as Hexane					
Thermox Influent	8F06026-01	Vapor	5	06/06/18 09:28	06/06/18 15:56
Thermox Effluent	8F06026-02	Vapor	5	06/06/18 09:24	06/06/18 15:56
South Trunkline	8F06026-03	Vapor	5	06/06/18 09:41	06/06/18 15:56
East Trunkline	8F06026-04	Vapor	5	06/06/18 09:38	06/06/18 15:56
VOCs BTEX/MTBE Vapor GC/MS					
Thermox Influent	8F06026-01	Vapor	5	06/06/18 09:28	06/06/18 15:56
Thermox Effluent	8F06026-02	Vapor	5	06/06/18 09:24	06/06/18 15:56
South Trunkline	8F06026-03	Vapor	5	06/06/18 09:41	06/06/18 15:56
East Trunkline	8F06026-04	Vapor	5	06/06/18 09:38	06/06/18 15:56
VOCs Gasoline Range Organics Vapor					
Thermox Influent	8F06026-01	Vapor	5	06/06/18 09:28	06/06/18 15:56
Thermox Effluent	8F06026-02	Vapor	5	06/06/18 09:24	06/06/18 15:56
South Trunkline	8F06026-03	Vapor	5	06/06/18 09:41	06/06/18 15:56
East Trunkline	8F06026-04	Vapor	5	06/06/18 09:38	06/06/18 15:56

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	1	**Prepared:**	06/08/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/08/18

Thermox Influent

8F06026-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**13**	ug/L	0.50	**4.1**	ppmv	0.16
Ethylbenzene	**0.72**	ug/L	0.50	**0.17**	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	**2.3**	ug/L	1.0	**0.53**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	122 %	70-140
Dibromofluoromethane	98.7 %	70-140
Toluene-d8	121 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	0.5	**Prepared:**	06/08/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/08/18

Thermox Effluent

8F06026-02 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	122 %	70-140
Dibromofluoromethane	106 %	70-140
Toluene-d8	108 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	1	**Prepared:**	06/07/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/07/18

South Trunkline

8F06026-03 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	98.2 %	70-140
Dibromofluoromethane	120 %	70-140
Toluene-d8	101 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	1	**Prepared:**	06/07/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/08/18

East Trunkline

8F06026-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	**35**	ug/L	0.50	**11**	ppmv	0.16
Ethylbenzene	**14**	ug/L	0.50	**3.2**	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<2.0	ug/L	2.0	<0.55	ppmv	0.55
Toluene	**1.1**	ug/L	0.50	**0.29**	ppmv	0.13
o-Xylene	**6.2**	ug/L	0.50	**1.4**	ppmv	0.12
m,p-Xylenes	**47**	ug/L	1.0	**11**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	83.8 %	70-140
Dibromofluoromethane	115 %	70-140
Toluene-d8	97.9 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	2	**Prepared:**	06/07/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/07/18

Thermox Influent

8F06026-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**4100**	ug/L	20	**1000**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	115 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	1	**Prepared:**	06/07/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/07/18

Thermox Effluent

8F06026-02 (Vapor)

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

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

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	1	**Prepared:**	06/07/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/07/18

South Trunkline

8F06026-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**860**	ug/L	20	**210**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	114 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18
Matrix:	Vapor	**Sampled:**	06/06/18
Dilution:	10	**Prepared:**	06/07/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/07/18

East Trunkline

8F06026-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**25000**	ug/L	20	**6100**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	123 %	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
Method: GRO in Vapor as Hexane

AA Project No: A5332618
Date Received: 06/06/18
Date Reported: 06/26/18
Units: ppmv

Date Sampled:	06/06/18	06/06/18	06/06/18	06/06/18	
Date Prepared:	06/07/18	06/07/18	06/07/18	06/07/18	
Date Analyzed:	06/07/18	06/07/18	06/07/18	06/07/18	
AA ID No:	8F06026-01	8F06026-02	8F06026-03	8F06026-04	
Client ID No:	Thermox Influent	Thermox Effluent	South Trunkline	East Trunkline	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	2	1	1	10	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**990**	<5.7	**210**	**6200**	5.7

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: A5332618
Date Received: 06/06/18
Date Reported: 06/26/18

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 B8F0705 - *** DEFAULT PREP ****										
Blank (B8F0705-BLK1)				Prepared & Analyzed: 06/07/18						
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	*52.8*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Dibromofluoromethane	*67.0*		*ug/L*	*50*		*134*	*70-140*			
Surrogate: Toluene-d8	*50.6*		*ug/L*	*50*		*101*	*70-140*			
LCS (B8F0705-BS1)				Prepared: 06/07/18 Analyzed: 06/08/18						
Benzene	**19.6**	0.50	ug/L	20		97.8	75-125			
Ethylbenzene	**19.1**	0.50	ug/L	20		95.4	75-125			
Methyl-tert-Butyl Ether (MTBE)	**46.4**	2.0	ug/L	40		116	75-125			
Toluene	**19.7**	0.50	ug/L	20		98.6	75-125			
o-Xylene	**19.2**	0.50	ug/L	20		96.2	75-125			
m,p-Xylenes	**38.1**	1.0	ug/L	40		95.2	75-125			
Surrogate: 4-Bromofluorobenzene	*48.0*		*ug/L*	*50*		*96.1*	*70-140*			
Surrogate: Dibromofluoromethane	*51.3*		*ug/L*	*50*		*103*	*70-140*			
Surrogate: Toluene-d8	*48.8*		*ug/L*	*50*		*97.6*	*70-140*			
LCS Dup (B8F0705-BSD1)				Prepared & Analyzed: 06/07/18						
Benzene	**23.8**	0.50	ug/L	20		119	75-125	19.7	30	
Ethylbenzene	**21.3**	0.50	ug/L	20		107	75-125	11.0	30	
Methyl-tert-Butyl Ether (MTBE)	**46.9**	2.0	ug/L	40		117	75-125	0.900	30	
Toluene	**20.9**	0.50	ug/L	20		105	75-125	6.05	30	
o-Xylene	**20.8**	0.50	ug/L	20		104	75-125	7.55	30	
m,p-Xylenes	**41.0**	1.0	ug/L	40		102	75-125	7.29	30	
Surrogate: 4-Bromofluorobenzene	*49.7*		*ug/L*	*50*		*99.4*	*70-140*			
Surrogate: Dibromofluoromethane	*52.9*		*ug/L*	*50*		*106*	*70-140*			
Surrogate: Toluene-d8	*52.5*		*ug/L*	*50*		*105*	*70-140*			
Duplicate (B8F0705-DUP1)				**Source: 8F06022-01** Prepared & Analyzed: 06/07/18						

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: A5332618
Date Received: 06/06/18
Date Reported: 06/26/18

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 B8F0705 - *** DEFAULT PREP ****										
Duplicate (B8F0705-DUP1) Continued			**Source: 8F06022-01**	Prepared & Analyzed: 06/07/18						
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	*48.6*		*ug/L*	*50*		*97.2*	*70-140*			
Surrogate: Dibromofluoromethane	*59.8*		*ug/L*	*50*		*120*	*70-140*			
Surrogate: Toluene-d8	*48.5*		*ug/L*	*50*		*96.9*	*70-140*			
*Batch B8F0809 - *** DEFAULT PREP ****										
Blank (B8F0809-BLK1)				Prepared & Analyzed: 06/08/18						
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	*52.3*		*ug/L*	*50*		*105*	*70-140*			
Surrogate: Dibromofluoromethane	*50.5*		*ug/L*	*50*		*101*	*70-140*			
Surrogate: Toluene-d8	*63.4*		*ug/L*	*50*		*127*	*70-140*			
LCS (B8F0809-BS1)				Prepared: 06/08/18 Analyzed: 06/09/18						
Benzene	**18.6**	0.50	ug/L	20		92.8	75-125			
Ethylbenzene	**22.7**	0.50	ug/L	20		113	75-125			
Methyl-tert-Butyl Ether (MTBE)	**39.4**	2.0	ug/L	40		98.4	75-125			
Toluene	**21.1**	0.50	ug/L	20		106	75-125			
o-Xylene	**18.4**	0.50	ug/L	20		92.0	75-125			
m,p-Xylenes	**40.0**	1.0	ug/L	40		99.9	75-125			
Surrogate: 4-Bromofluorobenzene	*55.2*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*57.2*		*ug/L*	*50*		*114*	*70-140*			
Surrogate: Toluene-d8	*58.3*		*ug/L*	*50*		*117*	*70-140*			

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: A5332618
Date Received: 06/06/18
Date Reported: 06/26/18

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 B8F0809 - *** DEFAULT PREP ****										
LCS Dup (B8F0809-BSD1)				Prepared & Analyzed: 06/08/18						
Benzene	**20.0**	0.50	ug/L	20		99.8	75-125	7.37	30	
Ethylbenzene	**20.3**	0.50	ug/L	20		102	75-125	11.0	30	
Methyl-tert-Butyl Ether (MTBE)	**45.1**	2.0	ug/L	40		113	75-125	13.6	30	
Toluene	**19.7**	0.50	ug/L	20		98.4	75-125	7.06	30	
o-Xylene	**18.2**	0.50	ug/L	20		90.9	75-125	1.20	30	
m,p-Xylenes	**36.9**	1.0	ug/L	40		92.2	75-125	7.96	30	
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50*		*100*	*70-140*			
Surrogate: Dibromofluoromethane	*53.5*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*57.3*		*ug/L*	*50*		*115*	*70-140*			
Duplicate (B8F0809-DUP1)			**Source: 8F08004-01**	Prepared & Analyzed: 06/08/18						
Benzene	**0.445**	0.25	ug/L		0.360			21.1	30	
Ethylbenzene	**<0.25**	0.25	ug/L						30	
Methyl-tert-Butyl Ether (MTBE)	**<1.0**	1.0	ug/L						30	
Toluene	**0.610**	0.25	ug/L		0.495			20.8	30	
o-Xylene	**<0.25**	0.25	ug/L						30	
m,p-Xylenes	**<0.50**	0.50	ug/L						30	
Surrogate: 4-Bromofluorobenzene	*56.0*		*ug/L*	*50*		*112*	*70-140*			
Surrogate: Dibromofluoromethane	*54.5*		*ug/L*	*50*		*109*	*70-140*			
Surrogate: Toluene-d8	*54.3*		*ug/L*	*50*		*109*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8F0712 - *** DEFAULT PREP ****										
Blank (B8F0712-BLK1)				Prepared & Analyzed: 06/07/18						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*46.1*		*ug/L*	*50*		*92.3*	*70-130*			
LCS (B8F0712-BS1)				Prepared & Analyzed: 06/07/18						
Gasoline Range Organics (GRO)	**447**	20	ug/L	500		89.3	75-125			
Surrogate: a,a,a-Trifluorotoluene	*53.8*		*ug/L*	*50*		*108*	*70-130*			
LCS Dup (B8F0712-BSD1)				Prepared & Analyzed: 06/07/18						
Gasoline Range Organics (GRO)	**466**	20	ug/L	500		93.3	75-125	4.31	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332618
Date Received: 06/06/18
Date Reported: 06/26/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8F0712 - *** DEFAULT PREP ****										
LCS Dup (B8F0712-BSD1) Continued				Prepared & Analyzed: 06/07/18						
Surrogate: a,a,a-Trifluorotoluene	*55.7*		*ug/L*	*50*		*111*	*70-130*			
Duplicate (B8F0712-DUP1)			**Source: 8F06026-03**	Prepared & Analyzed: 06/07/18						
Gasoline Range Organics (GRO)	**862**	20	ug/L		862			0.0922	30	
Surrogate: a,a,a-Trifluorotoluene	*58.4*		*ug/L*	*50*		*117*	*70-130*			
GRO in Vapor as Hexane - Quality Control										
*Batch B8F0712 - *** DEFAULT PREP ****										
Blank (B8F0712-BLK1)				Prepared & Analyzed: 06/07/18						
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8F0712-DUP1)			**Source: 8F06026-03**	Prepared & Analyzed: 06/07/18						
GRO as Hexane	**211**	5.7	ppmv		210			0.112	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332618
Project No:	04-NDLA-013	**Date Received:**	06/06/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	06/26/18

Special Notes

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15665

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.	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			
Thermox Influent	RF06026-01	6-6-18	0928	Air	1	✓	✓	✓	VOC's reported as
Thermox Effluent	-02		0926	Air	1	✓	✓	✓	TPH and Hexane
South Trunkline	-03		0941	Air	1	✓	✓	✓	Detection limit of 75
East Trunkline	-04	↓	0938	Air	1	✓	✓	✓	ppm for Hexane
									and 0.15 ppm for
									Benzene

PRIORITY
Rush
Date 6/6/18 Time 1730 Sign

AS33206 18/RF06026

Relinquished by	Date	Time	Received by
Glenn Andrasko	6-6-18		
	6-6-18	356	

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

July 11, 2018

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

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

A5332660 / 8F27014

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/27/18 17:19 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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

GRO in Vapor as Hexane

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
RW-47	8F27014-01	Vapor	5	06/27/18 08:49	06/27/18 17:19
RW-48	8F27014-02	Vapor	5	06/27/18 08:54	06/27/18 17:19
RW-49	8F27014-03	Vapor	5	06/27/18 08:58	06/27/18 17:19
RW-50	8F27014-04	Vapor	5	06/27/18 09:02	06/27/18 17:19
RW-36	8F27014-05	Vapor	5	06/27/18 09:06	06/27/18 17:19
RW-37	8F27014-06	Vapor	5	06/27/18 09:21	06/27/18 17:19
RW-41	8F27014-07	Vapor	5	06/27/18 09:25	06/27/18 17:19
RW-42	8F27014-08	Vapor	5	06/27/18 09:29	06/27/18 17:19
RW-46	8F27014-09	Vapor	5	06/27/18 09:33	06/27/18 17:19
RW-35	8F27014-10	Vapor	5	06/27/18 09:43	06/27/18 17:19
RW-38	8F27014-11	Vapor	5	06/27/18 09:50	06/27/18 17:19
RW-39	8F27014-12	Vapor	5	06/27/18 09:54	06/27/18 17:19
RW-40	8F27014-13	Vapor	5	06/27/18 09:58	06/27/18 17:19
RW-44	8F27014-14	Vapor	5	06/27/18 10:02	06/27/18 17:19
RW-19	8F27014-15	Vapor	5	06/27/18 10:20	06/27/18 17:19
RW-20	8F27014-16	Vapor	5	06/27/18 10:26	06/27/18 17:19
RW-22	8F27014-17	Vapor	5	06/27/18 10:32	06/27/18 17:19
RW-29	8F27014-18	Vapor	5	06/27/18 10:41	06/27/18 17:19
RW-45	8F27014-19	Vapor	5	06/27/18 10:51	06/27/18 17:19

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
RW-24	8F27014-20	Vapor	5	06/27/18 12:02	06/27/18 17:19
RW-25	8F27014-21	Vapor	5	06/27/18 12:07	06/27/18 17:19
RW-27	8F27014-22	Vapor	5	06/27/18 12:11	06/27/18 17:19
RW-33	8F27014-23	Vapor	5	06/27/18 12:16	06/27/18 17:19
RW-43	8F27014-24	Vapor	5	06/27/18 12:21	06/27/18 17:19
RW-26	8F27014-25	Vapor	5	06/27/18 12:31	06/27/18 17:19
RW-28	8F27014-26	Vapor	5	06/27/18 12:34	06/27/18 17:19
VEW-38	8F27014-27	Vapor	5	06/27/18 12:39	06/27/18 17:19
VEW-40	8F27014-28	Vapor	5	06/27/18 12:42	06/27/18 17:19
RW-30	8F27014-29	Vapor	5	06/27/18 13:07	06/27/18 17:19
RW-31	8F27014-30	Vapor	5	06/27/18 13:11	06/27/18 17:19
RW-32	8F27014-31	Vapor	5	06/27/18 13:15	06/27/18 17:19
RW-34	8F27014-32	Vapor	5	06/27/18 13:19	06/27/18 17:19
RW-39	8F27014-33	Vapor	5	06/27/18 13:22	06/27/18 17:19
RW-21	8F27014-34	Vapor	5	06/27/18 13:30	06/27/18 17:19
RW-33	8F27014-35	Vapor	5	06/27/18 13:34	06/27/18 17:19
South Trunkline	8F27014-36	Vapor	5	06/27/18 14:30	06/27/18 17:19

VOCs BTEX/MTBE Vapor GC/MS

RW-47	8F27014-01	Vapor	5	06/27/18 08:49	06/27/18 17:19
RW-48	8F27014-02	Vapor	5	06/27/18 08:54	06/27/18 17:19

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
RW-49	8F27014-03	Vapor	5	06/27/18 08:58	06/27/18 17:19
RW-50	8F27014-04	Vapor	5	06/27/18 09:02	06/27/18 17:19
RW-36	8F27014-05	Vapor	5	06/27/18 09:06	06/27/18 17:19
RW-37	8F27014-06	Vapor	5	06/27/18 09:21	06/27/18 17:19
RW-41	8F27014-07	Vapor	5	06/27/18 09:25	06/27/18 17:19
RW-42	8F27014-08	Vapor	5	06/27/18 09:29	06/27/18 17:19
RW-46	8F27014-09	Vapor	5	06/27/18 09:33	06/27/18 17:19
RW-35	8F27014-10	Vapor	5	06/27/18 09:43	06/27/18 17:19
RW-38	8F27014-11	Vapor	5	06/27/18 09:50	06/27/18 17:19
RW-39	8F27014-12	Vapor	5	06/27/18 09:54	06/27/18 17:19
RW-40	8F27014-13	Vapor	5	06/27/18 09:58	06/27/18 17:19
RW-44	8F27014-14	Vapor	5	06/27/18 10:02	06/27/18 17:19
RW-19	8F27014-15	Vapor	5	06/27/18 10:20	06/27/18 17:19
RW-20	8F27014-16	Vapor	5	06/27/18 10:26	06/27/18 17:19
RW-22	8F27014-17	Vapor	5	06/27/18 10:32	06/27/18 17:19
RW-29	8F27014-18	Vapor	5	06/27/18 10:41	06/27/18 17:19
RW-45	8F27014-19	Vapor	5	06/27/18 10:51	06/27/18 17:19
RW-24	8F27014-20	Vapor	5	06/27/18 12:02	06/27/18 17:19
RW-25	8F27014-21	Vapor	5	06/27/18 12:07	06/27/18 17:19
RW-27	8F27014-22	Vapor	5	06/27/18 12:11	06/27/18 17:19

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
RW-33	8F27014-23	Vapor	5	06/27/18 12:16	06/27/18 17:19
RW-43	8F27014-24	Vapor	5	06/27/18 12:21	06/27/18 17:19
RW-26	8F27014-25	Vapor	5	06/27/18 12:31	06/27/18 17:19
RW-28	8F27014-26	Vapor	5	06/27/18 12:34	06/27/18 17:19
VEW-38	8F27014-27	Vapor	5	06/27/18 12:39	06/27/18 17:19
VEW-40	8F27014-28	Vapor	5	06/27/18 12:42	06/27/18 17:19
RW-30	8F27014-29	Vapor	5	06/27/18 13:07	06/27/18 17:19
RW-31	8F27014-30	Vapor	5	06/27/18 13:11	06/27/18 17:19
RW-32	8F27014-31	Vapor	5	06/27/18 13:15	06/27/18 17:19
RW-34	8F27014-32	Vapor	5	06/27/18 13:19	06/27/18 17:19
RW-39	8F27014-33	Vapor	5	06/27/18 13:22	06/27/18 17:19
RW-21	8F27014-34	Vapor	5	06/27/18 13:30	06/27/18 17:19
RW-33	8F27014-35	Vapor	5	06/27/18 13:34	06/27/18 17:19
South Trunkline	8F27014-36	Vapor	5	06/27/18 14:30	06/27/18 17:19
VOCs DRO Vapor					
RW-47	8F27014-01	Vapor	5	06/27/18 08:49	06/27/18 17:19
RW-48	8F27014-02	Vapor	5	06/27/18 08:54	06/27/18 17:19
RW-49	8F27014-03	Vapor	5	06/27/18 08:58	06/27/18 17:19
RW-50	8F27014-04	Vapor	5	06/27/18 09:02	06/27/18 17:19
RW-36	8F27014-05	Vapor	5	06/27/18 09:06	06/27/18 17:19

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
RW-37	8F27014-06	Vapor	5	06/27/18 09:21	06/27/18 17:19
RW-41	8F27014-07	Vapor	5	06/27/18 09:25	06/27/18 17:19
RW-42	8F27014-08	Vapor	5	06/27/18 09:29	06/27/18 17:19
RW-46	8F27014-09	Vapor	5	06/27/18 09:33	06/27/18 17:19
RW-35	8F27014-10	Vapor	5	06/27/18 09:43	06/27/18 17:19
RW-38	8F27014-11	Vapor	5	06/27/18 09:50	06/27/18 17:19
RW-39	8F27014-12	Vapor	5	06/27/18 09:54	06/27/18 17:19
RW-40	8F27014-13	Vapor	5	06/27/18 09:58	06/27/18 17:19
RW-44	8F27014-14	Vapor	5	06/27/18 10:02	06/27/18 17:19
RW-19	8F27014-15	Vapor	5	06/27/18 10:20	06/27/18 17:19
RW-20	8F27014-16	Vapor	5	06/27/18 10:26	06/27/18 17:19
RW-22	8F27014-17	Vapor	5	06/27/18 10:32	06/27/18 17:19
RW-29	8F27014-18	Vapor	5	06/27/18 10:41	06/27/18 17:19
RW-45	8F27014-19	Vapor	5	06/27/18 10:51	06/27/18 17:19
RW-24	8F27014-20	Vapor	5	06/27/18 12:02	06/27/18 17:19
RW-25	8F27014-21	Vapor	5	06/27/18 12:07	06/27/18 17:19
RW-27	8F27014-22	Vapor	5	06/27/18 12:11	06/27/18 17:19
RW-33	8F27014-23	Vapor	5	06/27/18 12:16	06/27/18 17:19
RW-43	8F27014-24	Vapor	5	06/27/18 12:21	06/27/18 17:19
RW-26	8F27014-25	Vapor	5	06/27/18 12:31	06/27/18 17:19

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
RW-28	8F27014-26	Vapor	5	06/27/18 12:34	06/27/18 17:19
VEW-38	8F27014-27	Vapor	5	06/27/18 12:39	06/27/18 17:19
VEW-40	8F27014-28	Vapor	5	06/27/18 12:42	06/27/18 17:19
RW-30	8F27014-29	Vapor	5	06/27/18 13:07	06/27/18 17:19
RW-31	8F27014-30	Vapor	5	06/27/18 13:11	06/27/18 17:19
RW-32	8F27014-31	Vapor	5	06/27/18 13:15	06/27/18 17:19
RW-34	8F27014-32	Vapor	5	06/27/18 13:19	06/27/18 17:19
RW-39	8F27014-33	Vapor	5	06/27/18 13:22	06/27/18 17:19
RW-21	8F27014-34	Vapor	5	06/27/18 13:30	06/27/18 17:19
RW-33	8F27014-35	Vapor	5	06/27/18 13:34	06/27/18 17:19
South Trunkline	8F27014-36	Vapor	5	06/27/18 14:30	06/27/18 17:19
VOCs Gasoline Range Organics Vapor					
RW-47	8F27014-01	Vapor	5	06/27/18 08:49	06/27/18 17:19
RW-48	8F27014-02	Vapor	5	06/27/18 08:54	06/27/18 17:19
RW-49	8F27014-03	Vapor	5	06/27/18 08:58	06/27/18 17:19
RW-50	8F27014-04	Vapor	5	06/27/18 09:02	06/27/18 17:19
RW-36	8F27014-05	Vapor	5	06/27/18 09:06	06/27/18 17:19
RW-37	8F27014-06	Vapor	5	06/27/18 09:21	06/27/18 17:19
RW-41	8F27014-07	Vapor	5	06/27/18 09:25	06/27/18 17:19
RW-42	8F27014-08	Vapor	5	06/27/18 09:29	06/27/18 17:19

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
RW-46	8F27014-09	Vapor	5	06/27/18 09:33	06/27/18 17:19
RW-35	8F27014-10	Vapor	5	06/27/18 09:43	06/27/18 17:19
RW-38	8F27014-11	Vapor	5	06/27/18 09:50	06/27/18 17:19
RW-39	8F27014-12	Vapor	5	06/27/18 09:54	06/27/18 17:19
RW-40	8F27014-13	Vapor	5	06/27/18 09:58	06/27/18 17:19
RW-44	8F27014-14	Vapor	5	06/27/18 10:02	06/27/18 17:19
RW-19	8F27014-15	Vapor	5	06/27/18 10:20	06/27/18 17:19
RW-20	8F27014-16	Vapor	5	06/27/18 10:26	06/27/18 17:19
RW-22	8F27014-17	Vapor	5	06/27/18 10:32	06/27/18 17:19
RW-29	8F27014-18	Vapor	5	06/27/18 10:41	06/27/18 17:19
RW-45	8F27014-19	Vapor	5	06/27/18 10:51	06/27/18 17:19
RW-24	8F27014-20	Vapor	5	06/27/18 12:02	06/27/18 17:19
RW-25	8F27014-21	Vapor	5	06/27/18 12:07	06/27/18 17:19
RW-27	8F27014-22	Vapor	5	06/27/18 12:11	06/27/18 17:19
RW-33	8F27014-23	Vapor	5	06/27/18 12:16	06/27/18 17:19
RW-43	8F27014-24	Vapor	5	06/27/18 12:21	06/27/18 17:19
RW-26	8F27014-25	Vapor	5	06/27/18 12:31	06/27/18 17:19
RW-28	8F27014-26	Vapor	5	06/27/18 12:34	06/27/18 17:19
VEW-38	8F27014-27	Vapor	5	06/27/18 12:39	06/27/18 17:19
VEW-40	8F27014-28	Vapor	5	06/27/18 12:42	06/27/18 17:19

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
RW-30	8F27014-29	Vapor	5	06/27/18 13:07	06/27/18 17:19
RW-31	8F27014-30	Vapor	5	06/27/18 13:11	06/27/18 17:19
RW-32	8F27014-31	Vapor	5	06/27/18 13:15	06/27/18 17:19
RW-34	8F27014-32	Vapor	5	06/27/18 13:19	06/27/18 17:19
RW-39	8F27014-33	Vapor	5	06/27/18 13:22	06/27/18 17:19
RW-21	8F27014-34	Vapor	5	06/27/18 13:30	06/27/18 17:19
RW-33	8F27014-35	Vapor	5	06/27/18 13:34	06/27/18 17:19
South Trunkline	8F27014-36	Vapor	5	06/27/18 14:30	06/27/18 17:19

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-47

8F27014-01 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	78.4 %	70-140
Dibromofluoromethane	78.5 %	70-140
Toluene-d8	86.3 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-48

8F27014-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	90.0 %	70-140
Dibromofluoromethane	137 %	70-140
Toluene-d8	96.1 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-49

8F27014-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<1.0	ug/L	0.50	<0.31	ppmv	0.16
Ethylbenzene	<1.0	ug/L	0.50	<0.23	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<4.0	ug/L	2.0	<1.1	ppmv	0.55
Toluene	<1.0	ug/L	0.50	<0.27	ppmv	0.13
o-Xylene	<1.0	ug/L	0.50	<0.23	ppmv	0.12
m,p-Xylenes	<2.0	ug/L	1.0	<0.46	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	92.6 %	70-140
Dibromofluoromethane	132 %	70-140
Toluene-d8	99.6 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-50

8F27014-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	**5.0**	ug/L	0.50	**1.2**	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	79.8 %	70-140
Dibromofluoromethane	132 %	70-140
Toluene-d8	94.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-36

8F27014-05 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	93.9 %	70-140
Dibromofluoromethane	131 %	70-140
Toluene-d8	98.3 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-37

8F27014-06 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<1.0	ug/L	0.50	<0.31	ppmv	0.16
Ethylbenzene	<1.0	ug/L	0.50	<0.23	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<4.0	ug/L	2.0	<1.1	ppmv	0.55
Toluene	<1.0	ug/L	0.50	<0.27	ppmv	0.13
o-Xylene	<1.0	ug/L	0.50	<0.23	ppmv	0.12
m,p-Xylenes	<2.0	ug/L	1.0	<0.46	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	96.2 %	70-140
Dibromofluoromethane	128 %	70-140
Toluene-d8	97.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-41

8F27014-07 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	92.9 %	70-140
Dibromofluoromethane	126 %	70-140
Toluene-d8	95.9 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-42

8F27014-08 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	98.3 %	70-140
Dibromofluoromethane	138 %	70-140
Toluene-d8	94.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-46

8F27014-09 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	83.2 %	70-140
Dibromofluoromethane	78.9 %	70-140
Toluene-d8	87.9 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-35

8F27014-10 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	82.9 %	70-140
Dibromofluoromethane	73.5 %	70-140
Toluene-d8	88.5 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-38

8F27014-11 (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	83.0 %	70-140
Dibromofluoromethane	77.3 %	70-140
Toluene-d8	88.8 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-39

8F27014-12 (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	86.7 %	70-140
Dibromofluoromethane	81.7 %	70-140
Toluene-d8	90.1 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-40

8F27014-13 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	99.4 %	70-140
Dibromofluoromethane	136 %	70-140
Toluene-d8	93.7 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-44

8F27014-14 (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	**9.4**	ug/L	0.50	**2.2**	ppmv	0.12
m,p-Xylenes	**2.6**	ug/L	1.0	**0.60**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	86.7 %	70-140
Dibromofluoromethane	82.1 %	70-140
Toluene-d8	88.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-19

8F27014-15 (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	85.9 %	70-140
Dibromofluoromethane	77.9 %	70-140
Toluene-d8	89.4 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-20

8F27014-16 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	98.1 %	70-140
Dibromofluoromethane	88.3 %	70-140
Toluene-d8	89.5 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-22

8F27014-17 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	95.6 %	70-140
Dibromofluoromethane	131 %	70-140
Toluene-d8	98.1 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-29

8F27014-18 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	100 %	70-140
Dibromofluoromethane	134 %	70-140
Toluene-d8	98.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-45

8F27014-19 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	96.9 %	70-140
Dibromofluoromethane	87.2 %	70-140
Toluene-d8	90.1 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-24

8F27014-20 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	92.2 %	70-140
Dibromofluoromethane	86.7 %	70-140
Toluene-d8	88.3 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-25

8F27014-21 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	110 %	70-140
Dibromofluoromethane	83.2 %	70-140
Toluene-d8	90.9 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-27

8F27014-22 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<1.0	ug/L	0.50	<0.31	ppmv	0.16
Ethylbenzene	<1.0	ug/L	0.50	<0.23	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<4.0	ug/L	2.0	<1.1	ppmv	0.55
Toluene	<1.0	ug/L	0.50	<0.27	ppmv	0.13
o-Xylene	<1.0	ug/L	0.50	<0.23	ppmv	0.12
m,p-Xylenes	<2.0	ug/L	1.0	<0.46	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	95.2 %	70-140
Dibromofluoromethane	134 %	70-140
Toluene-d8	98.6 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-33

8F27014-23 (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	109 %	70-140
Dibromofluoromethane	90.4 %	70-140
Toluene-d8	91.0 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-43

8F27014-24 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	93.3 %	70-140
Dibromofluoromethane	86.3 %	70-140
Toluene-d8	90.3 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/28/18

RW-26

8F27014-25 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	96.0 %	70-140
Dibromofluoromethane	132 %	70-140
Toluene-d8	102 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

RW-28

8F27014-26 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	**10**	ug/L	0.50	**2.3**	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	**8.2**	ug/L	1.0	**1.9**	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	82.4 %	70-140
Dibromofluoromethane	131 %	70-140
Toluene-d8	95.6 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

VEW-38

8F27014-27 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	101 %	70-140
Dibromofluoromethane	90.4 %	70-140
Toluene-d8	90.5 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

VEW-40

8F27014-28 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<2.5	ug/L	0.50	<0.78	ppmv	0.16
Ethylbenzene	**3.4**	ug/L	0.50	**0.78**	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<10	ug/L	2.0	<2.8	ppmv	0.55
Toluene	<2.5	ug/L	0.50	<0.66	ppmv	0.13
o-Xylene	<2.5	ug/L	0.50	<0.58	ppmv	0.12
m,p-Xylenes	<5.0	ug/L	1.0	<1.2	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	80.4 %	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:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

RW-30

8F27014-29 (Vapor)

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

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	102 %	70-140
Dibromofluoromethane	86.2 %	70-140
Toluene-d8	91.2 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

RW-31

8F27014-30 (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	104 %	70-140
Dibromofluoromethane	89.9 %	70-140
Toluene-d8	89.9 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

RW-32

8F27014-31 (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	97.4 %	70-140
Dibromofluoromethane	94.0 %	70-140
Toluene-d8	89.1 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

RW-34

8F27014-32 (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	104 %	70-140
Dibromofluoromethane	89.8 %	70-140
Toluene-d8	92.5 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

RW-39

8F27014-33 (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	108 %	70-140
Dibromofluoromethane	98.1 %	70-140
Toluene-d8	88.9 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

RW-21

8F27014-34 (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	104 %	70-140
Dibromofluoromethane	99.0 %	70-140
Toluene-d8	89.8 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

RW-33

8F27014-35 (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	81.7 %	70-140
Dibromofluoromethane	109 %	70-140
Toluene-d8	99.3 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/28/18
Method:	VOCs BTEX/MTBE Vapor by GC/MS 8260M	**Analyzed:**	06/29/18

South Trunkline

8F27014-36 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Benzene	<1.0	ug/L	0.50	<0.31	ppmv	0.16
Ethylbenzene	<1.0	ug/L	0.50	<0.23	ppmv	0.12
Methyl-tert-Butyl Ether (MTBE)	<4.0	ug/L	2.0	<1.1	ppmv	0.55
Toluene	<1.0	ug/L	0.50	<0.27	ppmv	0.13
o-Xylene	<1.0	ug/L	0.50	<0.23	ppmv	0.12
m,p-Xylenes	<2.0	ug/L	1.0	<0.46	ppmv	0.23

Surrogates	%REC	%REC Limits
4-Bromofluorobenzene	86.6 %	70-140
Dibromofluoromethane	117 %	70-140
Toluene-d8	97.6 %	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-47

8F27014-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**1000**	ug/L	20	**240**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	118 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-48

8F27014-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**2200**	ug/L	20	**540**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	79.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-49

8F27014-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**720**	ug/L	20	**180**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	102 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-50

8F27014-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**6500**	ug/L	20	**1600**	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:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-36

8F27014-05 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**1800**	ug/L	20	**440**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	117 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-37

8F27014-06 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**850**	ug/L	20	**210**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	111 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-41

8F27014-07 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**5300**	ug/L	20	**1300**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	108 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-42

8F27014-08 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**6200**	ug/L	20	**1500**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	113 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-46

8F27014-09 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**180**	ug/L	20	**44**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	102 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-35

8F27014-10 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**340**	ug/L	20	**83**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	107 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-38

8F27014-11 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**100**	ug/L	20	**24**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	98.0 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-39

8F27014-12 (Vapor)

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

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	91.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-40

8F27014-13 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**3300**	ug/L	20	**810**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	112 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-44

8F27014-14 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**360**	ug/L	20	**88**	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:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-19

8F27014-15 (Vapor)

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

Surrogates	**%REC**	**%REC Limits**
a,a,a-Trifluorotoluene	89.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-20

8F27014-16 (Vapor)

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

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	93.2 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-22

8F27014-17 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**4800**	ug/L	20	**1200**	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:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-29

8F27014-18 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**3200**	ug/L	20	**780**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	116 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-45

8F27014-19 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**57**	ug/L	20	**14**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	91.8 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-24

8F27014-20 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**400**	ug/L	20	**98**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	111 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-25

8F27014-21 (Vapor)

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

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	91.1 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-27

8F27014-22 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**1700**	ug/L	20	**420**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	104 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-33

8F27014-23 (Vapor)

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

Surrogates	**%REC**	**%REC Limits**
a,a,a-Trifluorotoluene	83.8 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-43

8F27014-24 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**950**	ug/L	20	**230**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	114 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-26

8F27014-25 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**2900**	ug/L	20	**710**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	111 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-28

8F27014-26 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**17000**	ug/L	20	**4200**	ppmv	4.9

Surrogates	**%REC**	**%REC Limits**
a,a,a-Trifluorotoluene	117 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

VEW-38

8F27014-27 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**34**	ug/L	20	**8.3**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	90.3 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

VEW-40

8F27014-28 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**12000**	ug/L	20	**2900**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	111 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-30

8F27014-29 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**54**	ug/L	20	**13**	ppmv	4.9

Surrogates	**%REC**	**%REC Limits**
a,a,a-Trifluorotoluene	88.7 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-31

8F27014-30 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**51**	ug/L	20	**12**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	84.8 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-32

8F27014-31 (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	103 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-34

8F27014-32 (Vapor)

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

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	76.0 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-39

8F27014-33 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**150**	ug/L	20	**37**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	98.0 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-21

8F27014-34 (Vapor)

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

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	84.5 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-33

8F27014-35 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**840**	ug/L	20	**210**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	97.6 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/29/18
Method:	Gasoline Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

South Trunkline

8F27014-36 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Gasoline Range Organics (GRO)	**1100**	ug/L	20	**270**	ppmv	4.9

Surrogates	%REC	%REC Limits
a,a,a-Trifluorotoluene	102 %	70-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Method:	GRO in Vapor as Hexane	**Units:**	ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/27/18	06/27/18	06/27/18	06/29/18	
Date Analyzed:	06/27/18	06/27/18	06/27/18	06/29/18	
AA ID No:	8F27014-01	8F27014-02	8F27014-03	8F27014-04	
Client ID No:	RW-47	RW-48	RW-49	RW-50	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	1	1	1	5	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**250**	**530**	**170**	**1600**	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD
Method: GRO in Vapor as Hexane

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18
Units: ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/27/18	06/27/18	06/29/18	06/28/18	
Date Analyzed:	06/27/18	06/27/18	06/29/18	06/28/18	
AA ID No:	8F27014-05	8F27014-06	8F27014-07	8F27014-08	
Client ID No:	RW-36	RW-37	RW-41	RW-42	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	1	1	5	2	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**450**	**210**	**1300**	**1500**	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD
Method: GRO in Vapor as Hexane

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18
Units: ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/28/18	06/28/18	06/28/18	06/28/18	
Date Analyzed:	06/28/18	06/28/18	06/28/18	06/28/18	
AA ID No:	8F27014-09	8F27014-10	8F27014-11	8F27014-12	
Client ID No:	RW-46	RW-35	RW-38	RW-39	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	1	1	1	1	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**45**	**83**	**25**	<5.7	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD
Method: GRO in Vapor as Hexane

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18
Units: ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/28/18	06/28/18	06/28/18	06/28/18	
Date Analyzed:	06/28/18	06/28/18	06/28/18	06/28/18	
AA ID No:	8F27014-13	8F27014-14	8F27014-15	8F27014-16	
Client ID No:	RW-40	RW-44	RW-19	RW-20	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	5	1	1	1	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**800**	**89**	<5.7	<5.7	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Method:	GRO in Vapor as Hexane	**Units:**	ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/28/18	06/28/18	06/28/18	06/28/18	
Date Analyzed:	06/28/18	06/28/18	06/28/18	06/28/18	
AA ID No:	8F27014-17	8F27014-18	8F27014-19	8F27014-20	
Client ID No:	RW-22	RW-29	RW-45	RW-24	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	5	5	1	1	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**1200**	**790**	**14**	**99**	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD
Method: GRO in Vapor as Hexane

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18
Units: ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/28/18	06/28/18	06/28/18	06/28/18	
Date Analyzed:	06/28/18	06/28/18	06/28/18	06/28/18	
AA ID No:	8F27014-21	8F27014-22	8F27014-23	8F27014-24	
Client ID No:	RW-25	RW-27	RW-33	RW-43	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	1	2	1	1	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	<5.7	**410**	**6.5**	**230**	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD
Method: GRO in Vapor as Hexane

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18
Units: ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/28/18	06/28/18	06/28/18	06/29/18	
Date Analyzed:	06/28/18	06/28/18	06/28/18	06/29/18	
AA ID No:	8F27014-25	8F27014-26	8F27014-27	8F27014-28	
Client ID No:	RW-26	RW-28	VEW-38	VEW-40	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	5	5	1	5	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**710**	**4100**	**8.1**	**3000**	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD
Method: GRO in Vapor as Hexane

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18
Units: ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/29/18	06/29/18	06/29/18	06/29/18	
Date Analyzed:	06/29/18	06/29/18	06/29/18	06/29/18	
AA ID No:	8F27014-29	8F27014-30	8F27014-31	8F27014-32	
Client ID No:	RW-30	RW-31	RW-32	RW-34	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	1	1	1	1	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**13**	**12**	**67**	<5.7	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk VES AQMD
Method: GRO in Vapor as Hexane

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18
Units: ppmv

Date Sampled:	06/27/18	06/27/18	06/27/18	06/27/18	
Date Prepared:	06/29/18	06/29/18	06/29/18	06/29/18	
Date Analyzed:	06/29/18	06/29/18	06/29/18	06/29/18	
AA ID No:	8F27014-33	8F27014-34	8F27014-35	8F27014-36	
Client ID No:	RW-39	RW-21	RW-33	South Trunkline	
Matrix:	Vapor	Vapor	Vapor	Vapor	
Dilution Factor:	1	1	1	2	MRL
GRO in Vapor as Hexane (EPA 8015M)					
GRO as Hexane	**35**	<5.7	**200**	**260**	5.7

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-47

8F27014-01 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**340**	ug/L	100	**42**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-48

8F27014-02 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**1900**	ug/L	100	**230**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-49

8F27014-03 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**700**	ug/L	100	**86**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-50

8F27014-04 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**6300**	ug/L	100	**770**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-36

8F27014-05 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**2400**	ug/L	100	**290**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/27/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/27/18

RW-37

8F27014-06 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**4000**	ug/L	100	**490**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-41

8F27014-07 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**6400**	ug/L	100	**780**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-42

8F27014-08 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**9400**	ug/L	100	**1100**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-46

8F27014-09 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**230**	ug/L	100	**28**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-35

8F27014-10 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**120**	ug/L	100	**15**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-38

8F27014-11 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	<100	ug/L	100	<12	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-39

8F27014-12 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	<100	ug/L	100	<12	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-40

8F27014-13 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**3900**	ug/L	100	**480**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-44

8F27014-14 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**550**	ug/L	100	**67**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-19

8F27014-15 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**310**	ug/L	100	**38**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-20

8F27014-16 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**280**	ug/L	100	**34**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-22

8F27014-17 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**5500**	ug/L	100	**670**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-29

8F27014-18 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**12000**	ug/L	100	**1500**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-45

8F27014-19 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**820**	ug/L	100	**100**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-24

8F27014-20 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**1100**	ug/L	100	**130**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-25

8F27014-21 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	<100	ug/L	100	<12	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-27

8F27014-22 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**4200**	ug/L	100	**510**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-33

8F27014-23 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**180**	ug/L	100	**22**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-43

8F27014-24 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**2100**	ug/L	100	**260**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-26

8F27014-25 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**12000**	ug/L	100	**1500**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

RW-28

8F27014-26 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**23000**	ug/L	100	**2800**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/28/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/28/18

VEW-38

8F27014-27 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**110**	ug/L	100	**13**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	5	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

VEW-40

8F27014-28 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**18000**	ug/L	100	**2200**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-30

8F27014-29 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**320**	ug/L	100	**39**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-31

8F27014-30 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	<100	ug/L	100	<12	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-32

8F27014-31 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**230**	ug/L	100	**28**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-34

8F27014-32 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	<100	ug/L	100	<12	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-39

8F27014-33 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**120**	ug/L	100	**15**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-21

8F27014-34 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	<100	ug/L	100	<12	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	1	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

RW-33

8F27014-35 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**1800**	ug/L	100	**220**	ppmv	12

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18
Matrix:	Vapor	**Sampled:**	06/27/18
Dilution:	2	**Prepared:**	06/29/18
Method:	Diesel Range Organics in Vapor by GC/FID	**Analyzed:**	06/29/18

South Trunkline

8F27014-36 (Vapor)

Analyte	Result	(ug/L)	MRL	Result	(ppmv)	MRL
Diesel Range Organics as Diesel	**4600**	ug/L	100	**560**	ppmv	12

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

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 B8F2808 - *** DEFAULT PREP ****										
Blank (B8F2808-BLK1)				Prepared & Analyzed: 06/28/18						
Benzene	<0.50	0.50	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Toluene	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*50.0*		*ug/L*	*50*		*99.9*	*70-140*			
Surrogate: Dibromofluoromethane	*67.2*		*ug/L*	*50*		*134*	*70-140*			
Surrogate: Toluene-d8	*48.6*		*ug/L*	*50*		*97.2*	*70-140*			
LCS (B8F2808-BS1)				Prepared & Analyzed: 06/28/18						
Benzene	**23.6**	0.50	ug/L	20		118	75-125			
Ethylbenzene	**20.3**	0.50	ug/L	20		102	75-125			
Methyl-tert-Butyl Ether (MTBE)	**45.2**	2.0	ug/L	40		113	75-125			
Toluene	**19.9**	0.50	ug/L	20		99.6	75-125			
o-Xylene	**20.7**	0.50	ug/L	20		104	75-125			
m,p-Xylenes	**40.7**	1.0	ug/L	40		102	75-125			
Surrogate: 4-Bromofluorobenzene	*46.8*		*ug/L*	*50*		*93.6*	*70-140*			
Surrogate: Dibromofluoromethane	*56.8*		*ug/L*	*50*		*114*	*70-140*			
Surrogate: Toluene-d8	*50.8*		*ug/L*	*50*		*102*	*70-140*			
LCS Dup (B8F2808-BSD1)				Prepared & Analyzed: 06/28/18						
Benzene	**21.9**	0.50	ug/L	20		110	75-125	7.26	30	
Ethylbenzene	**20.4**	0.50	ug/L	20		102	75-125	0.491	30	
Methyl-tert-Butyl Ether (MTBE)	**46.9**	2.0	ug/L	40		117	75-125	3.63	30	
Toluene	**20.5**	0.50	ug/L	20		102	75-125	2.72	30	
o-Xylene	**20.9**	0.50	ug/L	20		104	75-125	0.673	30	
m,p-Xylenes	**41.5**	1.0	ug/L	40		104	75-125	2.14	30	
Surrogate: 4-Bromofluorobenzene	*48.5*		*ug/L*	*50*		*97.0*	*70-140*			
Surrogate: Dibromofluoromethane	*53.6*		*ug/L*	*50*		*107*	*70-140*			
Surrogate: Toluene-d8	*50.1*		*ug/L*	*50*		*100*	*70-140*			
Duplicate (B8F2808-DUP1)				**Source: 8F27014-36** Prepared: 06/28/18 Analyzed: 06/29/18						

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

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 B8F2808 - *** DEFAULT PREP ****										
Duplicate (B8F2808-DUP1) Continued			**Source: 8F27014-36**	Prepared: 06/28/18			Analyzed: 06/29/18			
Benzene	**<1.0**	1.0	ug/L		<1.0				30	
Ethylbenzene	**<1.0**	1.0	ug/L		<1.0				30	
Methyl-tert-Butyl Ether (MTBE)	**<4.0**	4.0	ug/L		<4.0				30	
Toluene	**<1.0**	1.0	ug/L		<1.0				30	
o-Xylene	**<1.0**	1.0	ug/L		<1.0				30	
m,p-Xylenes	**<2.0**	2.0	ug/L		<2.0				30	
Surrogate: 4-Bromofluorobenzene	*44.1*		*ug/L*	*50*		*88.1*	*70-140*			
Surrogate: Dibromofluoromethane	*56.6*		*ug/L*	*50*		*113*	*70-140*			
Surrogate: Toluene-d8	*48.4*		*ug/L*	*50*		*96.9*	*70-140*			
*Batch B8F2811 - *** DEFAULT PREP ****										
Blank (B8F2811-BLK1)				Prepared & Analyzed: 06/28/18						
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	*40.1*		*ug/L*	*50*		*80.3*	*70-140*			
Surrogate: Dibromofluoromethane	*34.4*		*ug/L*	*50*		*68.8*	*70-140*			*S-GC*
Surrogate: Toluene-d8	*40.3*		*ug/L*	*50*		*80.7*	*70-140*			
LCS (B8F2811-BS1)				Prepared & Analyzed: 06/28/18						
Benzene	**19.7**	0.50	ug/L	20		98.6	75-125			
Ethylbenzene	**20.8**	0.50	ug/L	20		104	75-125			
Methyl-tert-Butyl Ether (MTBE)	**28.0**	2.0	ug/L	40		70.1	75-125			***
Toluene	**20.1**	0.50	ug/L	20		101	75-125			
o-Xylene	**19.3**	0.50	ug/L	20		96.5	75-125			
m,p-Xylenes	**39.0**	1.0	ug/L	40		97.4	75-125			
Surrogate: 4-Bromofluorobenzene	*54.3*		*ug/L*	*50*		*109*	*70-140*			
Surrogate: Dibromofluoromethane	*49.1*		*ug/L*	*50*		*98.3*	*70-140*			
Surrogate: Toluene-d8	*49.4*		*ug/L*	*50*		*98.9*	*70-140*			

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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

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 B8F2811 - *** DEFAULT PREP ****										
LCS Dup (B8F2811-BSD1)				Prepared & Analyzed: 06/28/18						
Benzene	**16.1**	0.50	ug/L	20		80.5	75-125	20.2	30	
Ethylbenzene	**16.8**	0.50	ug/L	20		84.1	75-125	21.4	30	
Methyl-tert-Butyl Ether (MTBE)	**28.0**	2.0	ug/L	40		70.1	75-125	0.00	30	***
Toluene	**16.0**	0.50	ug/L	20		80.2	75-125	22.7	30	
o-Xylene	**17.8**	0.50	ug/L	20		89.2	75-125	7.86	30	
m,p-Xylenes	**35.4**	1.0	ug/L	40		88.5	75-125	9.57	30	
Surrogate: 4-Bromofluorobenzene	*40.2*		*ug/L*	*50*		*80.3*	*70-140*			
Surrogate: Dibromofluoromethane	*43.8*		*ug/L*	*50*		*87.5*	*70-140*			
Surrogate: Toluene-d8	*40.0*		*ug/L*	*50*		*79.9*	*70-140*			
Duplicate (B8F2811-DUP1)				**Source: 8F27014-34**	Prepared: 06/28/18		Analyzed: 06/29/18			
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	*55.1*		*ug/L*	*50*		*110*	*70-140*			
Surrogate: Dibromofluoromethane	*49.3*		*ug/L*	*50*		*98.7*	*70-140*			
Surrogate: Toluene-d8	*46.2*		*ug/L*	*50*		*92.3*	*70-140*			
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8F2737 - *** DEFAULT PREP ****										
Blank (B8F2737-BLK1)				Prepared & Analyzed: 06/27/18						
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*45.5*		*ug/L*	*50*		*91.0*	*70-130*			
LCS (B8F2737-BS1)				Prepared & Analyzed: 06/27/18						
Gasoline Range Organics (GRO)	**457**	20	ug/L	500		91.5	75-125			
Surrogate: a,a,a-Trifluorotoluene	*54.8*		*ug/L*	*50*		*110*	*70-130*			
LCS Dup (B8F2737-BSD1)				Prepared & Analyzed: 06/27/18						
Gasoline Range Organics (GRO)	**457**	20	ug/L	500		91.4	75-125	0.00197	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8F2737 - *** DEFAULT PREP ****										
LCS Dup (B8F2737-BSD1) Continued					Prepared & Analyzed: 06/27/18					
Surrogate: a,a,a-Trifluorotoluene	*54.3*		*ug/L*	*50*		*109*	*70-130*			
Duplicate (B8F2737-DUP1)			**Source: 8F27014-06**		Prepared & Analyzed: 06/27/18					
Gasoline Range Organics (GRO)	**820**	20	ug/L		854			4.05	30	
Surrogate: a,a,a-Trifluorotoluene	*57.9*		*ug/L*	*50*		*116*	*70-130*			
*Batch B8F2810 - *** DEFAULT PREP ****										
Blank (B8F2810-BLK1)					Prepared & Analyzed: 06/28/18					
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*45.0*		*ug/L*	*50*		*89.9*	*70-130*			
LCS (B8F2810-BS1)					Prepared & Analyzed: 06/28/18					
Gasoline Range Organics (GRO)	**448**	20	ug/L	500		89.7	75-125			
Surrogate: a,a,a-Trifluorotoluene	*53.3*		*ug/L*	*50*		*107*	*70-130*			
LCS Dup (B8F2810-BSD1)					Prepared & Analyzed: 06/28/18					
Gasoline Range Organics (GRO)	**454**	20	ug/L	500		90.7	75-125	1.19	30	
Surrogate: a,a,a-Trifluorotoluene	*54.1*		*ug/L*	*50*		*108*	*70-130*			
Duplicate (B8F2810-DUP1)			**Source: 8F27014-20**		Prepared & Analyzed: 06/28/18					
Gasoline Range Organics (GRO)	**367**	20	ug/L		401			8.85	30	
Surrogate: a,a,a-Trifluorotoluene	*55.6*		*ug/L*	*50*		*111*	*70-130*			
*Batch B8F2905 - *** DEFAULT PREP ****										
Blank (B8F2905-BLK1)					Prepared & Analyzed: 06/29/18					
Gasoline Range Organics (GRO)	<20	20	ug/L							
Surrogate: a,a,a-Trifluorotoluene	*45.4*		*ug/L*	*50*		*90.9*	*70-130*			
LCS (B8F2905-BS1)					Prepared & Analyzed: 06/29/18					
Gasoline Range Organics (GRO)	**446**	20	ug/L	500		89.2	75-125			
Surrogate: a,a,a-Trifluorotoluene	*54.3*		*ug/L*	*50*		*109*	*70-130*			
LCS Dup (B8F2905-BSD1)					Prepared & Analyzed: 06/29/18					
Gasoline Range Organics (GRO)	**428**	20	ug/L	500		85.6	75-125	4.21	30	
Surrogate: a,a,a-Trifluorotoluene	*52.7*		*ug/L*	*50*		*105*	*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: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8F2905 - *** DEFAULT PREP ****										
Duplicate (B8F2905-DUP1)		**Source: 8F28003-01**		Prepared & Analyzed: 06/29/18						
Gasoline Range Organics (GRO)	**874**	20	ug/L		961			9.47	30	
Surrogate: a,a,a-Trifluorotoluene	*53.9*		*ug/L*	*50*		*108*	*70-130*			
GRO in Vapor as Hexane - Quality Control										
*Batch B8F2737 - *** DEFAULT PREP ****										
Blank (B8F2737-BLK1)				Prepared & Analyzed: 06/27/18						
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8F2737-DUP1)		**Source: 8F27014-06**		Prepared & Analyzed: 06/27/18						
GRO as Hexane	**200**	5.7	ppmv		208			3.91	30	
*Batch B8F2810 - *** DEFAULT PREP ****										
Blank (B8F2810-BLK1)				Prepared & Analyzed: 06/28/18						
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8F2810-DUP1)		**Source: 8F27014-20**		Prepared & Analyzed: 06/28/18						
GRO as Hexane	**90.9**	5.7	ppmv		99.5			9.00	30	
*Batch B8F2905 - *** DEFAULT PREP ****										
Blank (B8F2905-BLK1)				Prepared & Analyzed: 06/29/18						
GRO as Hexane	<5.7	5.7	ppmv							
Duplicate (B8F2905-DUP1)		**Source: 8F28003-01**		Prepared & Analyzed: 06/29/18						
GRO as Hexane	**213**	5.7	ppmv		233			8.94	30	
Diesel Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8F2737 - *** DEFAULT PREP ****										
Blank (B8F2737-BLK1)				Prepared & Analyzed: 06/27/18						
Diesel Range Organics as Diesel	<100	100	ug/L							
LCS (B8F2737-BS1)				Prepared & Analyzed: 06/27/18						
Diesel Range Organics as Diesel	**451**	100	ug/L	500		90.2	70-130			
LCS Dup (B8F2737-BSD1)				Prepared & Analyzed: 06/27/18						
Diesel Range Organics as Diesel	**458**	100	ug/L	500		91.6	70-130	1.50	40	
Duplicate (B8F2737-DUP1)		**Source: 8F27014-06**		Prepared & Analyzed: 06/27/18						
Diesel Range Organics as Diesel	**3800**	100	ug/L		3960			4.30	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

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

AA Project No: A5332660
Date Received: 06/27/18
Date Reported: 07/11/18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics in Vapor by GC/FID - Quality Control										
*Batch B8F2810 - *** DEFAULT PREP ****										
Blank (B8F2810-BLK1)				Prepared & Analyzed: 06/28/18						
Diesel Range Organics as Diesel	<100	100	ug/L							
LCS (B8F2810-BS1)				Prepared & Analyzed: 06/28/18						
Diesel Range Organics as Diesel	**470**	100	ug/L	500		94.0	70-130			
LCS Dup (B8F2810-BSD1)				Prepared & Analyzed: 06/28/18						
Diesel Range Organics as Diesel	**452**	100	ug/L	500		90.4	70-130	3.89	40	
Duplicate (B8F2810-DUP1)			**Source: 8F27014-20**	Prepared & Analyzed: 06/28/18						
Diesel Range Organics as Diesel	**931**	100	ug/L		1090			15.6	30	
*Batch B8F2905 - *** DEFAULT PREP ****										
Blank (B8F2905-BLK1)				Prepared & Analyzed: 06/29/18						
Diesel Range Organics as Diesel	<100	100	ug/L							
LCS (B8F2905-BS1)				Prepared & Analyzed: 06/29/18						
Diesel Range Organics as Diesel	**446**	100	ug/L	500		89.3	70-130			
LCS Dup (B8F2905-BSD1)				Prepared & Analyzed: 06/29/18						
Diesel Range Organics as Diesel	**411**	100	ug/L	500		82.2	70-130	8.20	40	
Duplicate (B8F2905-DUP1)			**Source: 8F28003-01**	Prepared & Analyzed: 06/29/18						
Diesel Range Organics as Diesel	**2700**	100	ug/L		2910			7.46	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	**AA Project No:**	A5332660
Project No:	04-NDLA-013	**Date Received:**	06/27/18
Project Name:	DFSP Norwalk VES AQMD	**Date Reported:**	07/11/18

Special Notes

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

[2] = **S-GC** : Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

Viorel Vasile
Operations Manager

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15868

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 - 018	**Sampler's Name:** Glenn Andraska	
Project Manager: Neil Irish	**Site Address:** 15306 Norwalk Blvd	**Sampler's Signature:** Glenn Andraska	
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	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B	Total VOC's Diesel 8015	Special Instructions
RW-47	61F27014-01	6-27-18	0849	Air	1	✓	✓	✓	✓	
RW-48	-02		0854	Air	1	✓	✓	✓	✓	
RW-49	-03		0858	Air	1	✓	✓	✓	✓	
RW-50	-04		0902	Air	1	✓	✓	✓	✓	
RW-36	05		0906	Air	1	✓	✓	✓	✓	
RW-37	06		0921	Air	1	✓	✓	✓	✓	
RW-41	07		0925	Air	1	✓	✓	✓	✓	
RW-42	08		0929	Air	1	✓	✓	✓	✓	
RW-46	09		0933	Air	1	✓	✓	✓	✓	
RW-35	10		0943	Air	1	✓	✓	✓	✓	
RW-38	11		0950	Air	1	✓	✓	✓	✓	
RW-39	12		0954	Air	1	✓	✓	✓	✓	
RW-40	13		0958	Air	1	✓	✓	✓	✓	
RW-44	14		1002	Air	1	✓	✓	✓	✓	
RW-19	15		1020	Air	1	✓	✓	✓	✓	

PRIORITY! SH
Rush Date 6/28 Time 0730 SHW

Relinquished by	Date	Time	Received by
Glenn Andraska	6-27-18	310	
	6-27-18	519	Ben Olivera

AS#32660/61F27014

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

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15969

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 ~ 018 **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 (4) = 72 Hour Rush
(2) = 24 Hour Rush (5) = 5 Day Rush
(3) = 48 Hour Rush X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. No.	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B	Total VOC's Diesel 8015							Special Instructions
						Please enter the TAT Turnaround Codes ** below										
RW-20	18F27014-16	6-27-18	1026	Air	1	✓	✓	✓	✓							
RW-22	17		1032	Air	1	✓	✓	✓	✓							
RW-29	18		1041	Air	1	✓	✓	✓	✓							
RW-45	19		1051	Air	1	✓	✓	✓	✓							
RW-24	20		1202	Air	1	✓	✓	✓	✓							
RW-25	21		1207	Air	1	✓	✓	✓	✓							
RW-27	22		1211	Air	1	✓	✓	✓	✓							
RW-33	23		1216	Air	1	✓	✓	✓	✓							
RW-43	24		1221	Air	1	✓	✓	✓	✓							
RW-26	25		1231	Air	1	✓	✓	✓	✓							
RW-28	26		1234	Air	1	✓	✓	✓	✓							
VEW-38	27		1239	Air	1	✓	✓	✓	✓							
VEW-40	28		1242	Air	1	✓	✓	✓	✓							
RW-30	29		1307	Air	1	✓	✓	✓	✓							
RW-31	30	↓	1311	Air	1	✓	✓	✓	✓							

PRIORITY
Rush
Date/Time
SH
Sign

AS33266O / 18F27014

Relinquished by	Date	Time	Received by
Glenn Androsko	6-27-18	310	
Relinquished by	Date	Time	Received by
	6-27-18	519	Ben Olivera
Relinquished by	Date	Time	Received by

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

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

15470

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 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.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Total VOCs Gas 8015	Total VOCs Hexane 8015	BTEX/MTBE 8260B	Total VOC's Diesel 8015	Special Instructions
						Please enter the TAT Turnaround Codes ** below				
RW-32	8F27014-31	6-27-18	1315	Air	1	✓	✓	✓	✓	
RW-34	32		1319	Air	1	✓	✓	✓	✓	
RW-39	33		1322	Air	1	✓	✓	✓	✓	
RW-21	34		1330	Air	1	✓	✓	✓	✓	
RW-33	35	↓	1334	Air	1	✓	✓	✓	✓	
South Trunkline	36	↓	1430	Air	1	✓	✓	✓	✓	

PRIORITY
Rush 72hrs SH
Date 6/28/18 5:00 pm

AS332660 / 8F27014

	Relinquished by	Date	Time	Received by
	Glenn Andrasko	6-27-18	310	
		6-27-18	519	Ben Mulvenna
	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.