

**WASTE DISCHARGE REQUIREMENTS
PROGRESS REPORT
Q2 2015**

**Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard
Norwalk, California 90650**

GeoTracker Global ID# SLT43185183
(Order No. 90-148; File No. 90-60-145; Monitoring and
Reporting Program CI-10118)
04-NDLA-007

Prepared For:



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8725 John J. Kingman Drive
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Prepared By:



1962 Freeman Avenue
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Prepared By:



Paul Parmentier
Principal Hydrogeologist

Reviewed By:

A handwritten signature in blue ink, appearing to read "Neil Irish".

Neil Irish, P.G., No. 5484
Principal Geologist

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CERTIFICATION STATEMENT

I declare under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based upon my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations. [CWC Sections 13263, 13267, and 13268]

Executed on the 15th day of July, 2015 at Siguel Hill



Paul Parmentier, P.G.
Principal Geologist

The Source Group, Inc.

1.0 INTRODUCTION

On behalf of the Defense Logistics Agency - Energy (DLA Energy), The Source Group, Inc. is submitting this *Second Quarter 2015 Waste Discharge Progress Report* at the Defense Fuel Support Point (DFSP) Norwalk site as required by the California Regional Water Quality Control Board (RWQCB) Order Number 90-148, CI-10118.

This report, in accordance with the *Onsite Soil Management Plan* (Parsons, 2012), includes details on the impacted soil excavation, disposal, and onsite soil reuse activities.

The RWQCB approved the Waste Discharge Requirements Permit (WDR) on February 6, 2015.

In February 2015, SGI submitted the technical document titled *Field Sampling and Analysis Plan* (Plan), dated February 11, 2015 to the Regional Water Quality Control Board (RWQCB), revised on April 10, 2015 and on June 15, 2015 (SGI, 2015a).

On July 9, 2015, SGI submitted to RWQCB a document to propose revised cleanup goals (Proposed Addendum to the Soil Cleanup Goals; Appendix A), and RWQCB indicated that these revised goals are acceptable (SGI, 2015b).

In addition to the Regional Board requirements, the soil treatment operations are also conducted in compliance with South Coast Air Quality Management District site-specific permit number 566483 and 568793.

2.0 LAND TREATMENT

Excavation activities started on March 17, 2015. A summary of the treatment soil piles sampling, volumes, management and timeline is presented on Table 1. Figure 1 illustrates the location of the areas with soil excavation removal completed as of June 30, 2015. In addition to sampling of excavations and stockpiles, sampling also included baseline sampling of the surface soil in areas scheduled for treatment. The RWQCB was notified in advance of sampling events. As further described in the next section, Table 2 presents the results of progress sampling. No individual reports on excavation sampling, stockpile sampling or baseline sampling were prepared during this reporting period. Tables 1 and 2 will be updated in future reports to maintain a full record of all site excavations, sampling and back filling.

As summarized in Table 1, as of the end of Q2 2015, approximately 13,700 cubic yards of soil have been excavated and placed into treatment piles. Soil treatment, disposal, and confirmation of clean soil will be further documented in future reports.

2.1 Cell Construction

2.1.1 Surface Soil Baseline Sampling

Prior to construction of each soil treatment pile, the soil beneath the future treatment stockpile was sampled, as shown in Table 1, and analyzed to determine existing levels of hydrocarbons present. After soil treatment has been completed, this soil will be resampled and analyzed to evaluate if this native soil has been contaminated with hydrocarbons from the soil treatment operations.

2.1.2 HDPE Liners

To further protect the soil beneath the treatment piles, 30mm high density polyethylene (HDPE) liners were placed six inches below the ground surface beneath the treatment piles.

2.1.3 Cell Construction

As of June 30, 2015, 16 complete and 1 partial soil piles have been constructed on site. These consist of four treatment piles in the Powerine Basin cell, five treatment piles in each of the 80002 and 80006 cells, and two complete and one partial treatment piles in cell 80004.

2.1.4 Cells: Plastic Cover

Once the treated soil has been placed in each treatment pile, the pile is covered with two layers of 6mm heavy duty plastic sheets and secured with sand bags.

2.1.5 Storm Water Runoff Control

The treatment cells are located within bermed area. Where bermed areas are breached to allow for construction equipment access, a slope is maintained to ensure control of runoff. No significant rain event occurred this reporting period, and all site watering activities (conducted to control dust) are limited to prevent runoff.

2.2 Soil Treatment

Contaminated soil is treated by processing through an Earth Cleaning Machine provided by F4 Remediation, Inc. As soil is fed into the machine, a mixture of non-toxic surfactant and non-pathogenic microbes is mixed throughout the soil, and the soil is then discharged for placement into piles within the treatment cells, as shown in the attached photos. Soil moisture is monitored in several ways, including monthly sampling and laboratory testing, tensiometer probe testing, and infrared imaging. Additional water and nutrients did not need to be added to the soil piles during the treatment period.

2.2.1 Soil Moisture Monitoring

Soil moisture was monitored by tensiometer reading, visual inspection of moisture condensation on the inside surface of the pile cover, and confirmed by laboratory analyses (Table 2). An additional test of soil monitoring was also conducted using infrared imagery, and this monitoring method may be expanded in the future.

2.2.2 Additional Water and Nutrients Addition

Based on field and laboratory testing results, no water and no nutrients were added to the treatment soil piles during Q2 2015.

2.2.3 Soil Treatment Volume

As of June 30, 2015, 13,630 cubic yards of soil are in treatment. Table 1 lists the treatment soil pile volumes.

2.3 Progress Sampling

Progress sampling events took place on May 17, June 17 and June 29. Table 2 shows the results from the first two sampling events for moisture, microbiology plate count, and TPH.

2.4 Acceptance Sampling

The first treatment cycle has not been completed, and acceptance sampling has not yet been done.

2.5 Post Treatment Sampling

Post treatment sampling has not yet been done.

2.6 Exceptions to the Order

There were no exceptions to the Regional Board Order during this reporting period. The site's land treatment operations still fall within the order's guidelines of under 100,000 cubic yards treated and less than 365 days.

3.0 REFERENCES

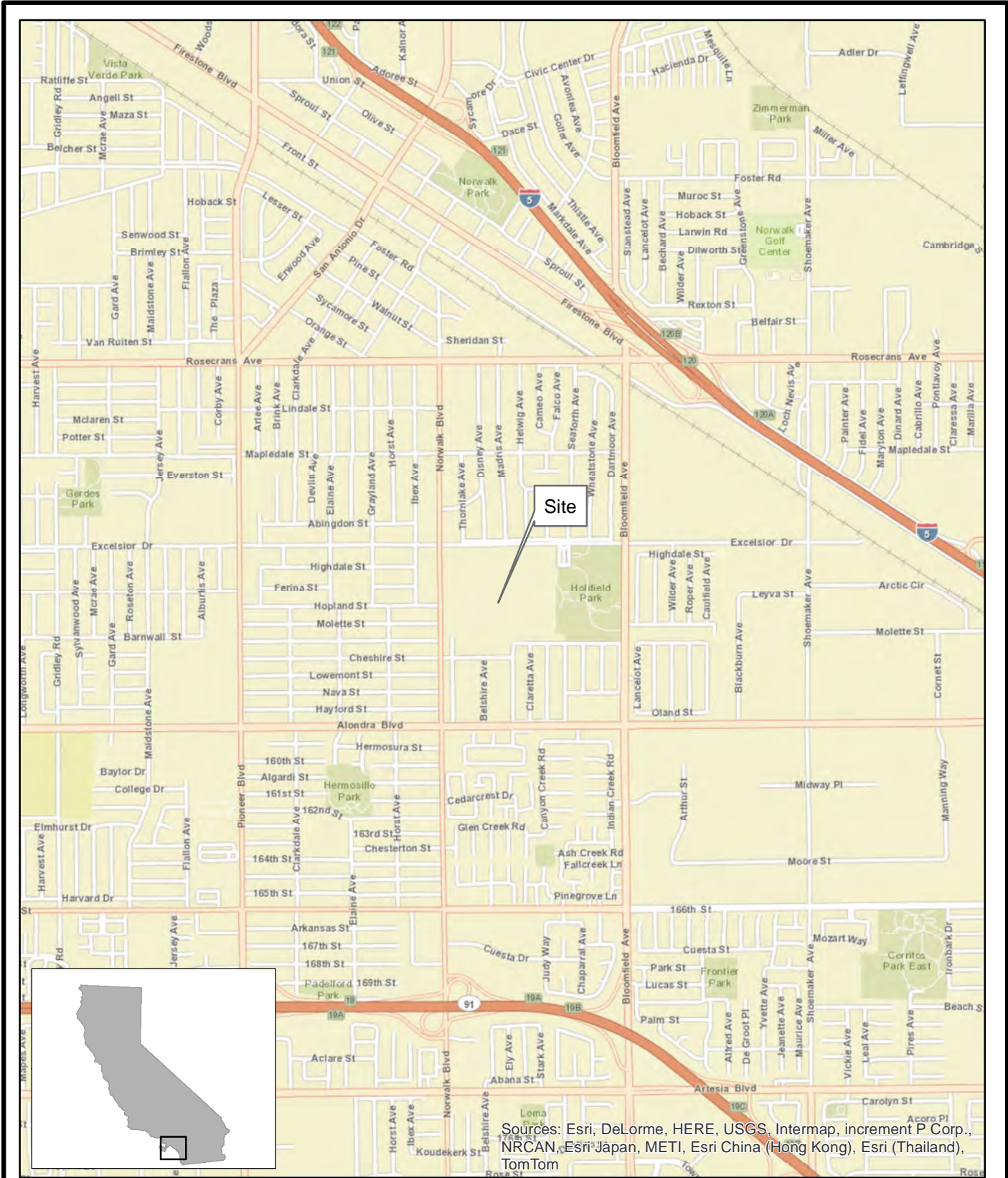
Parsons, 2012, *Soil Management Plan*, March 8.

Regional Water Quality Control Board, 2015, *General Waste Discharge Requirements for Onsite Treatment of Contaminated Soil*, February 6.

The Source Group, Inc., 2015a., *Revised Field Sampling and Analysis Plan and Sampling Strategy*, June 15.

The Source Group, Inc., 2015b., *Proposed Addendum to the Soil Cleanup Goals*, July 9.

FIGURES



Sources: Esri, DeLorme, HERE, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom

SOURCE:
 ESRI 7.5 MINUTE TOPOGRAPHIC MAP.
<http://resources.esri.com/arcgisonline/services>

PROJECT NO.:
 04-NDLA-003

DATE:
 5/28/2014

DR. BY:
 JK

APP. BY:
 PP

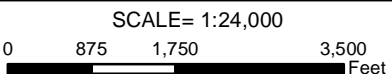
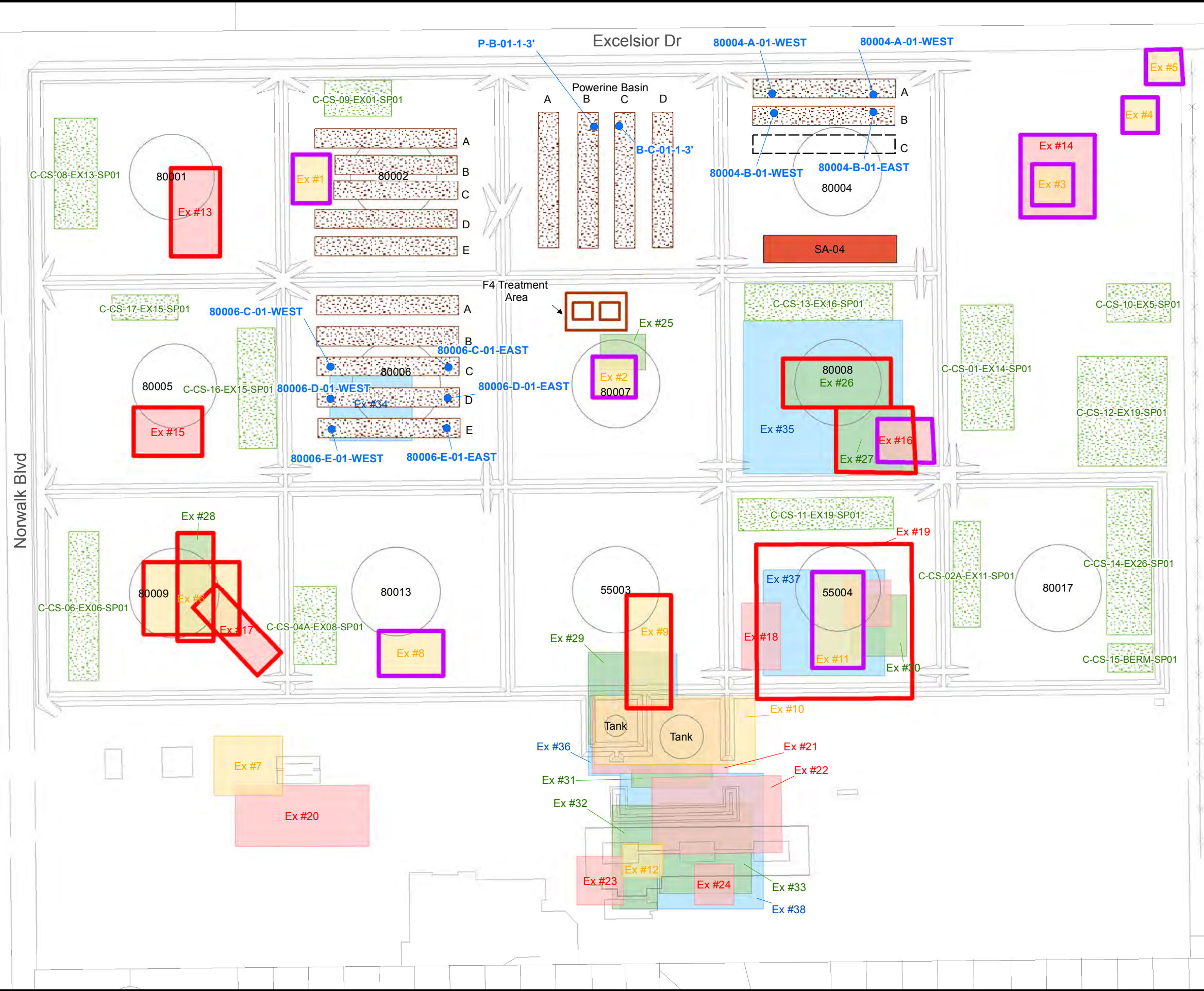


FIGURE
 1

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

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

SITE LOCATION MAP



Legend

- Sampling Locations for Pseudomonas, Moisture and TPH
- Former Above Ground Storage Tanks
- DFSP Norwalk Border
- EX # 11 Proposed Excavation 0-5ft
- EX # 14 Proposed Excavation 5-10ft
- EX # 27 Proposed Excavation 10-15ft
- EX # 38 Proposed Excavation 15-25ft
- Completed Excavations
- Excavations in Progress
- SA-4 Staging Area with Soil
- Clean Soil Pile
- Treatment Row Under Construction
- Completed Treatment Row

Notes:

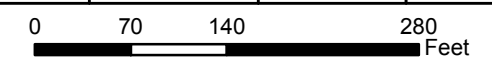
Completed Excavations as of June 25, 2015:
1, 2, 3, 4, 5, 8, 11, 14, 16

Excavations in Progress as of June 25, 2015:
6, 13, 15, 19, 26, 27



DFSP Norwalk
15306 Norwalk Boulevard
Norwalk, California

Project Number:	Date:	Drawn By:	Approved By:
04-NDLA-007	07/10/2015	A. C/S. M	K. Wall



Operations Status Map

SGI environmental
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Figure
2

TABLES

Table 1
Land Treatment Summary

Treatment Rows	Surface Soil Baseline Sampling Date	Treated Soil Volume (yd ³)	Progress Sample Dates	Water & Nutrient Addition	Visual Inspection Dates	Storm Water Runoff Controlled?	Acceptance and Post- Treatment Sampling
Powerine-A-01	1/26/15	984	5/12, 6/17, 6/29	None	Daily	Yes	Pending
Powerine-B-01	1/27/15	918	5/12, 6/17, 6/29	None	Daily	Yes	Pending
Powerine-C-01	1/28/15	855	5/12, 6/17, 6/29	None	Daily	Yes	Pending
Powerine-D-01	1/29/15	815	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80002-A-01	5/11/15	287	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80002-B-01	5/7/15	911	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80002-C-01	4/24/15	926	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80002-D-01	4/22/15	1122	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80002-E-01	4/20/15	885	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80006-A-01	5/21/15	730.5	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80006-B-01	5/22/15	771	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80006-C-01	5/28/15	731	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80006-D-01	6/12/15	817	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80006-E-01	6/12/15	799	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80004-A-01	6/17/15	858	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80004-B-01	6/17/15	794	5/12, 6/17, 6/29	None	Daily	Yes	Pending
80004-C-01	6/23/15	426*	5/12, 6/17, 6/29	None	Daily	Yes	Pending

Total Volume: 13629.5 *Partial row

**Table 2
Progress Sampling Results**

Sample ID	Date Sampled	Moisture %	CFU/gm	TPH C6-C12 or GRO	TPH C13-C22	TPH C23-C32	TPH C33-C44	Comments
Cleanup Goals				100	100	1,000	10,000	
P-A-01-1-3' (North)	5/12/15	7.17	250	<1.0	10.6	68	74.5	
P-A-01-1-3' (North)	6/17/15	7.77	22,000	-	-	-	-	Not tested for TPH based on previous data less than cleanup goals
P-A-01-2-3' (South)	5/12/15	2.68	410	<1.0	18.7	108	123	
P-A-01-2-3' (South)	6/17/15	7.09	3,100	-	-	-	-	Not tested for TPH based on previous data less than cleanup goals
P-B-01-1-3' (North)	5/12/15	6.51	800	<1.0	113.4	315	144	
P-B-01-1-3' (North)	6/29/15	8.68	6,600	NA	60	260	190	
P-B-01-2-3' (South)	5/12/15	6.94	5,200	0.95	174.55	429	186.5	
P-B-01-2-3' (South)	6/17/15	6.87	40,000	-	-	-	-	Not tested for TPH based on previous data less than cleanup goals
P-C-01-1-3' (North)	5/12/15	3.82	90	13	702.5	1,355	850	
P-C-01-1-3' (North)	6/29/15	5.86	470	NA	470	1,200	810	
P-C-01-2-3' (South)	5/12/15	7.19	380	1.30	394.3	955	665	
P-C-01-2-3' (South)	6/17/15	7.79	69,000	-	-	-	-	Not tested for TPH based on previous data less than cleanup goals
P-D-01-1-3' (North)	5/12/15	6.39	320	<1.0	66.9	397.5	353	
P-D-01-1-3' (North)	6/17/15	5.79	27,000	-	-	-	-	Not tested for TPH based on previous data less than cleanup goals
P-D-01-2-3' (South)	5/12/15	6.39	640	<1.0	3.65	30.15	36.6	
P-D-01-2-3' (South)	6/17/15	5.83	790	-	-	-	-	Not tested for TPH based on previous data less than cleanup goals
80002-A-01-East	6/17/15	11.89	710	NA	46	180	150	
80002-A-01-West	6/17/15	11.27	20,000	NA	79	240	150	
80002-B-01-East	6/17/15	15.29	400	NA	460	<10	<10	
80002-B-01-West	6/17/15	13.46	2,800	NA	<10	<10	<10	
80002-C-01-East	6/17/15	9.99	66,000	NA	15	59	49	
80002-C-01-West	6/17/15	11.94	4,600	NA	44	89	57	
80002-D-01-East	6/17/15	14.05	94,000	NA	1,800	700	320	
80002-D-01-West	6/17/15	10.77	100,000	NA	480	350	170	
80002-E-01-East	6/17/15	6.39	28,000	NA	100	88	33	
80002-E-01-West	6/17/15	6.82	29,000	NA	250	920	490	
80006-A-01-East	6/17/15	12.97	34,000	NA	<10	<10	<10	
80006-A-01-West	6/17/15	10.57	38,000	NA	<10	49	63	
80006-B-01-East	6/17/15	12.33	190,000	NA	17	<10	<10	
80006-B-01-West	6/17/15	10.89	54,000	NA	<10	<10	<10	
80006-C-01-East	6/29/15	12.77	510,000	NA	<10	<10	<10	
80006-C-01-West	6/29/15	13.47	720,000	NA	<10	<10	<10	
80006-D-01-East	6/29/15	15.04	280,000	NA	<10	<10	<10	
80006-D-01-West	6/29/15	13.26	320,000	NA	<10	<10	<10	
80006-E-01-East	6/29/15	13.09	25,000	NA	<10	56	68	
80006-E-01-West	6/29/15	15.17	120,000	NA	<10	<10	<10	
80004-A-01-East	6/29/15	10.44	8,000	NA	32	120	110	
80004-A-01-West	6/29/15	12.57	70,000	NA	<10	25	16	
80004-B-01-East	6/29/15	13.39	59,000	NA	<10	23	17	
80004-B-01-West	6/29/15	12.08	330,000	NA	96	140	100	

NA: Not Analyzed for GRO-TPH analyzed by 2015

APPENDIX A
PROPOSED ADDENDUM TO THE SOIL CLEANUP GOALS
JUNE 15, 2015



June 15, 2015

Paul Cho, P.G.
Water Resources Control Engineer
California Regional Water Quality Control Board, Site Cleanup Unit IV
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Proposed Addendum to the Soil Cleanup Goals
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California
(SCP NO. 0286A, Site ID NO. 16638)

Dear Mr. Cho:

On July 12, 2012, the LARWQCB approved soil cleanup goals for the former Defense Fuel Support Point (DFSP) Norwalk facility, located at 15306 Norwalk Boulevard, Norwalk, California. The approved cleanup goals included three ranges of total petroleum hydrocarbons (TPH), specifically C4-C12, C8-C17, and C5-C25 (where C represents carbon and the following number represents the number of carbons present in the hydrocarbon molecule).

However, longer chain hydrocarbons (C25 and greater) were not included in the list of approved site cleanup goals. To address the full range of hydrocarbons present in site soils, the Department of Logistics Agency - Energy (DLA Energy) and The Source Group, Inc. (SGI) reviewed the protocol used to develop the cleanup goals for soil.

The cleanup goals were based on the application of the LARWQCB's 1996 Interim Site Assessment and Cleanup guidebook (Guidebook). The Guidebook specifies that the soil cleanup goals should be calculated by the same general formula used by the United States Environmental Protection Agency (EPA) to calculate Soil Screening Levels (SSLs), as follows:

Soil cleanup goal = total attenuation factor x water quality standard

Table 4-1 of the Guidebook (Attachment A) includes maximum soil screening levels (SSL) for hydrocarbon compounds based on carbon range and depth to the underlying groundwater. As an example, at sites where the depth of the contamination is between 20 to 150 feet, the C13-C22 hydrocarbons is 1,000 milligrams per kilogram (mg/kg), whereas the longer chain hydrocarbons in the C23-C32 range, a SLS of 10,000 mg/kg is derived based on the greater attenuation rate for longer chain hydrocarbons. As the length of the hydrocarbon chains increases, the corresponding SSL also increases. Conversely, for a given hydrocarbon range,

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as the depth to groundwater decreases so does the SSL (e.g., for the C13-C22 carbon range, the SSL for depth to groundwater between 20 and 150 feet is 1,000 mg/kg whereas the SLS decreases to 100 mg/kg when the depth to groundwater is less than 20 feet.

You will recall that the cleanup level approved for the Norwalk site with the longest-chain TPH values (C5-C25) is comparable to the SSL values provided for carbon range C13-C22 in the Guidebook Table 4-1. However, no cleanup goals were provided for longer chain hydrocarbon ranges in the July 12, 2012 correspondence. Below is a summary of the cleanup goals provided in the July 12, 2012, correspondence:

July 12, 2012 Approved Soil Cleanup Goals	(feet below ground surface)					
	Depth Below Ground Surface	0.5	5	10	15	20
Depth to Groundwater	25.5	21	16	11	6	1
Constituent	Proposed Soil Cleanup TPH Goal (mg/kg)					
TPH as Gasoline (C4-C12)	500	500	100	100	100	100
TPH as JP-5 (C8-C17)	500	500	100	100	100	100
TPH as Diesel (C5-C25)	1,000	1,000	100	100	100	100

Using the methodology used to develop SSL in the Guidebook, the cleanup goal for the longest chain hydrocarbons (C26-C44) would be up to an order of magnitude higher than the cleanup goal provided for the C23-C32 range in Table 4-1. The July 12, 2012, LARWQCB Soil Cleanup goal table for TPH concentrations is proposed to be reflect those levels provided in Table 4-1 of the RWQCB guidance as presented below.

Proposed Revised Soil Cleanup Goals	(feet below ground surface)					
	Depth Below Ground Surface	0.5	5	10	15	20
Depth to Groundwater	25.5	21	16	11	6	1
Constituent	Proposed Soil Cleanup TPH Goal (mg/kg)					
Carbon Range (C4-12)	500	500	100	100	100	100
Carbon Range (C13-C22)	1,000	1,000	100	100	100	100
Carbon Range (C23-C32)	10,000	10,000	1,000	1,000	1,000	1,000
Carbon Range (C33-C44)	50,000	50,000	10,000	10,000	10,000	10,000

Carbon Ranges C4 to C12 concentrations will be determined with EPA Method 8260 analysis; Carbon Ranges C13 to C44 will be determined with EPA Method analysis.

We also recommend that the proposed cleanup goals for volatile components be modified to recognize common laboratory detection limits. We have prepared the attached table (Appendix B) that summarizes the cleanup goals for VOCs as provided in the July 12, 2012, and included state of California-certified laboratory American Analytics' typical detection limits for these compounds in soil. For those cleanup goals that are less than the detection limit, we have highlighted the values with red, bold font. It is proposed that cleanup goals be revised to reflect either the analytical laboratory detection limit or the current proposed cleanup goal, whichever value is higher.

DLA and SGI believe that this proposed cleanup goal addendum is consistent with site cleanup directives and the Guidebook, and we appreciate RWQCB's concurrence with this proposed

Attachment A

Table 4-1: Maximum Soil Screening Levels (mg/kg) for TPH, BTEX and MTBE above Drinking Water Aquifers

T P H	Distance Above Groundwater	Carbon Range			
		C4-C12	C13-C22	C23-C32	
	>150 feet	1,000	10,000	50,000	
	20-150 feet	500	1,000	10,000	
<20 feet	100	100	1,000		

B T E X & M T B E	Distance Above Groundwater	Lithology			
		Gravel	Sand	Silt	Clay
	150 feet	B=0.044 T=2 E=8 X=23 MTBE = 0.039	B=0.077 T=4 E=17 X=48 MTBE = 0.078	B=0.165 T=9 E=34 X=93 MTBE = 0.156	B=0.8 T=43 E=170 X=465 MTBE = 0.78
	120 feet	B=0.035 T=1.57 E=6.3 X=17.9 MTBE = 0.028	B=0.058 T=3.1 E=12.7 X=36 MTBE = 0.061	B=0.123 T=7 E=25.9 X=70.3 MTBE = 0.117	B=0.603 T=32 E=128 X=351 MTBE = 0.591
	100 feet	B=0.028 T=1.3 E=5.1 X=14.4 MTBE = 0.020	B=0.046 T=2.57 E=9.86 X=28 MTBE = 0.05	B=0.094 T=5.4 E=20.4 X=55.1 MTBE = 0.091	B=0.471 T=25 E=101 X=276 MTBE = 0.464
	80 feet	B=0.022 T=1 E=4 X=11 MTBE = 0.013	B=0.033 T=2 E=7 X=20 MTBE = 0.039	B=0.066 T=4 E=15 X=40 MTBE = 0.065	B=0.34 T=18 E=73 X=200 MTBE = 0.338
	60 feet	B=0.018 T=0.72 E=2.9 X=7.9 MTBE = 0.013	B=0.026 T=1.4 E=4.9 X=13.9 MTBE = 0.03	B=0.048 T=2.8 E=10.7 X=28.4 MTBE = 0.048	B=0.241 T=13 E=52 X=141.5 MTBE = 0.247
	40 feet	B=0.015 T=0.43 E=1.8 X=4.8 MTBE = 0.013	B=0.018 T=0.87 E=2.8 X=7.8 MTBE = 0.022	B=0.029 T=1.6 E=6.3 X=16.9 MTBE = 0.03	B=0.143 T=7.5 E=30 X=83 MTBE = 0.156
20 feet	B=0.011 T=0.15 E=0.7 X=1.75 MTBE = 0.013	B=0.011 T=0.3 E=0.7 X=1.75 MTBE = 0.013	B=0.011 T=0.45 E=2 X=5.3 MTBE = 0.013	B=0.044 T=2.3 E=9 X=24.5 MTBE = 0.065	

- TPH = Total petroleum hydrocarbons.
- BTEX = benzene, toluene, ethylbenzene, and xylenes, respectively. MTBE = methyl tertiary butyl ether.
- Respective MCLs (ppm): B=0.001, T=0.15, E=0.7, X=1.75, MTBE=0.013.
- BTEX screening concentrations determined per the attenuation factor method as described in RWQCB Guidance for VOC Impacted Sites (March 1996), with a natural degradation factor of 11 for BTEX and of 3 for MTBE. Table

- values can be linearly interpolated between distance above groundwater and are proportional to fraction of each lithological thickness.
- Values in Table 4-1 are for soils above drinking water aquifers. All groundwaters are considered as drinking water resources unless exempted by one of the criteria as defined under SWRCB Resolution 88-63 (TDS>3000 mg/L, or deliverability <200 gal/day, or existing contamination that cannot be reasonably treated). Regional Board staff will make a determination of potential water use at a particular site considering water quality objectives and beneficial uses. For non-drinking water aquifers, regardless of depth, TPH for ">150 feet" category in the table should be used.
 - Distance above groundwater must be measured from the highest anticipated water level. Lithology is based on the USCS scale.
 - In areas of naturally-occurring hydrocarbons, Regional Board staff will make determinations on TPH levels.

(revised 1/7/05)

ATTACHMENT B

TABLE 1
COMPARISON OF LABORATORY DETECTION LIMITS TO SOIL CLEANUP GOALS
DFSP Norwalk
15306 Norwalk Boulevard, Norwalk, California

	Acetone (mg/kg)	tert-Amyl Methyl Ether (TAME) (mg/kg)	Benzene (mg/kg)	Bromobenzene (mg/kg)	Bromochloromethane (mg/kg)	Bromodichloromethane (mg/kg)	Bromoform (mg/kg)	Bromomethane (mg/kg)	2-Butanone (MEK) (mg/kg)	tert-Butyl alcohol (TBA) (mg/kg)	sec-Butylbenzene (mg/kg)	tert-Butylbenzene (mg/kg)	n-Butylbenzene (mg/kg)	Carbon Disulfide (mg/kg)	Carbon Tetrachloride (mg/kg)	Chlorobenzene (mg/kg)	Chloroethane (mg/kg)	Chloroform (mg/kg)	Chloromethane (mg/kg)	2-Chlorotoluene (mg/kg)	4-Chlorotoluene (mg/kg)	1,2-Dibromo-3-chloropropane (mg/kg)	Dibromochloromethane (mg/kg)	1,2-Dibromoethane (EDB) (mg/kg)
STD Lab D/L	<0.050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
July 12, 2012 CGs (DTW = 25.5 ft bgs)	0.994	NE	0.015	NE	NE	NE	NE	0.0015	0.557	0.001	2.59	2.07	2.18	0.049	NE	0.119	2.23	0.0000738	NE	0.558	0.547	0.00025	NE	0.0000305
July 12, 2012 CGs (DTW = 1.0 ft bgs)	1.60	NE	0.012	NE	NE	NE	NE	0.0010	0.661	0.0016	0.129	0.110	0.114	0.023	NE	0.013	2.83	0.0000	NE	0.039	0.038	0.0000352	NE	0.0000096

	Dibromomethane (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,3-Dichlorobenzene (mg/kg)	1,4-Dichlorobenzene (mg/kg)	Dichlorodifluoromethane (R12) (mg/kg)	1,1-Dichloroethane (mg/kg)	1,2-Dichloroethane (EDC) (mg/kg)	trans-1,2-Dichloroethylene (mg/kg)	cis-1,2-Dichloroethylene (mg/kg)	1,1-Dichloroethylene (mg/kg)	1,2-Dichloropropane (mg/kg)	1,3-Dichloropropane (mg/kg)	2,2-Dichloropropane (mg/kg)	1,1-Dichloropropylene (mg/kg)	trans-1,3-Dichloropropylene (mg/kg)	cis-1,3-Dichloropropylene (mg/kg)	Diisopropyl ether (DIPE) (mg/kg)	Ethylbenzene (mg/kg)	Ethyl-tert-Butyl Ether (ETBE) (mg/kg)	Hexachlorobutadiene (mg/kg)	2-Hexanone (MBK) (mg/kg)	Isopropylbenzene (mg/kg)	4-Isopropyltoluene (mg/kg)
STD Lab D/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0020	<0.0050	<0.010	<0.050	<0.0050	<0.0050
July 12, 2012 CGs (DTW = 25.5 ft bgs)	NE	NE	NE	NE	0.984	NE	0.000106	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.449	2.07	NE	NE	0.0073	5.56	2.82
July 12, 2012 CGs (DTW = 1.0 ft bgs)	NE	NE	NE	NE	0.167	NE	0.0000692	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.212	1.10	NE	NE	0.0047	0.303	0.154

	4-Methyl-2-pentanone (MIBK) (mg/kg)	Methylene Chloride (mg/kg)	Methyl-tert-Butyl Ether (MTBE) (mg/kg)	Naphthalene (mg/kg)	n-Propylbenzene (mg/kg)	Styrene (mg/kg)	1,1,1,2-Tetrachloroethane (mg/kg)	1,1,2,2-Tetrachloroethane (mg/kg)	Tetrachloroethylene (PCE) (mg/kg)	Toluene (mg/kg)	1,1,2-Trichloro-1,2,2-trifluoroethane (R113) (mg/kg)	1,2,3-Trichlorobenzene (mg/kg)	1,2,4-Trichlorobenzene (mg/kg)	1,1,1-Trichloroethane (mg/kg)	1,1,2-Trichloroethane (mg/kg)	Trichloroethylene (TCE) (mg/kg)	Trichlorofluoromethane (R11) (mg/kg)	1,2,3-Trichloropropane (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Vinyl chloride (mg/kg)	o-Xylene (mg/kg)	m,p-Xylenes (mg/kg)
STD Lab D/L	<0.050	<0.050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0020	<0.0020
July 12, 2012 CGs (DTW = 25.5 ft bgs)	NE	0.000778	0.000907	0.270	2.18	0.463	NE	0.0023	NE	0.614	NE	0.0740	NE	NE	0.0032	0.0070	NE	0.000000874	2.10	2.06	NE	5.55	5.55
July 12, 2012 CGs (DTW = 1.0 ft bgs)	NE	0.000682	0.000686	0.012	0.114	0.030	NE	0.0002	NE	0.367	NE	0.0034	NE	NE	0.0008	0.0009	NE	0.000000123	0.120	0.118	NE	2.84	2.84

Notes:
 STD Lab D/L = standard laboratory detection limit.
 July 12, 2012 CGs (DTW = 25.5 ft bgs) = cleanup goals approved by RWQCB; DTW = 25.2 ft bgs.
 DTW = depth to water.
 ft bgs = feet below ground surface.
 mg/kg = milligrams per kilogram.
 RWQCB = Regional Water Quality Control Board.
 NE = cleanup goal not established.
 Red Font = STD Lab D/L is greater than the approved RWQCB Cleanup Goal.

APPENDIX B

PHOTOS



Photo 1: F4 Soil Treatment Equipment (left) and Nutrient/Microbes Trailer (right).



Photo 2: F4 Nutrient and Microbe mixing machine.



Photo 3: Treatment Soil Pile construction –
View from F4 nutrient tank platform.



Photo 4: Soil Treatment Piles.



Photo 5: Soil Treatment Piles.

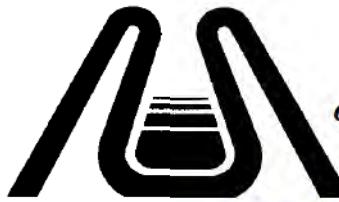


Photo 6: Example photo of Excavation (Excavation #2).



Photo 7: Liner emplacement under treatment stockpile.

APPENDIX C
MICROBIOLOGY LAB RESULTS



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LABORATORY CERTIFICATE

Submitted By: THE SOURCE GROUP, INC.
1962 FREEMAN AVE.
SIGNAL HILL, CA 90755
Attn : PAUL PARMENTIER

Printed : 05/21/2015
Lab No. : 051215-M361636
Report No. : 051215-M361636B
Order No. :
Received : 5/12/2015
Page : 1 of 1

REPORT #	PRODUCT / TEST	METHOD	RESULT	UNITS	START:DT
M361636-01	PA-01-1-3 SOIL TIME: 9:30AM DATE: 05/12/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	250 7.17	/g %	5/12/2015 5/12/2015
M361636-02	PA-01-2-3 SOIL TIME: 9:35AM DATE: 05/12/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	410 2.68	/g %	5/12/2015 5/12/2015
M361636-03	PB-01-1-3 SOIL TIME: 9:40AM DATE: 05/12/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	800 6.51	/g %	5/12/2015 5/12/2015
M361636-04	PB-01-2-3 SOIL TIME: 9:45AM DATE: 05/12/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	5,200 6.94	/g %	5/12/2015 5/12/2015
M361636-05	PC-01-1-3 SOIL TIME: 10:00AM DATE: 05/12/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	90 3.82	/g %	5/12/2015 5/12/2015
M361636-06	PC-01-2-3 SOIL TIME: 10:10AM DATE: 05/12/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	380 7.19	/g %	5/12/2015 5/12/2015
M361636-07	PD-01-1-3 SOIL TIME: 10:30AM DATE: 05/12/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	320 6.39	/g %	5/12/2015 5/12/2015
M361636-08	PD-01-2-3 SOIL TIME: 10:40AM DATE: 05/12/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	640 6.39	/g %	5/12/2015 5/12/2015

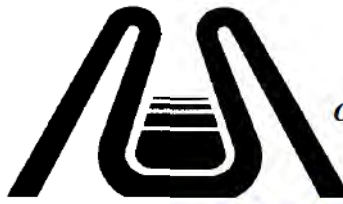
*The jobs _x_ were performed for internal R&D projects, not for regulatory submittals.

P.O. No.: 04-NDLA-007

MICHELSON LABORATORIES, INC.

Anne Vitoreli, Microbiology Manager | 5/21/2015 8:32:56 AM

AG) Samples were received in good condition unless noted otherwise. As a mutual protection to clients and ourselves, all reports are submitted as the confidential property of clients and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved, pending written approval of both parties. Results on this report relate only to the sample(s) received & analyzed.



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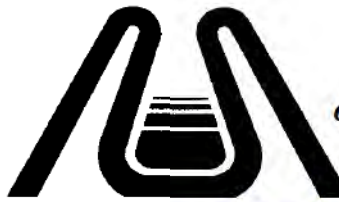
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SIGNAL HILL, CA 90755
Attn : PAUL PARMENTIER

Printed : 07/06/2015
Lab No. : 061815-M366047
Report No. : 061815-M366047C
Order No. :
Received : 6/18/2015
Page : 1 of 2

REPORT #	PRODUCT / TEST	METHOD	RESULT	UNITS	START:DT
M366047-01	80006-A-01-EAST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	34,000 12.97	/g %	6/18/2015 6/18/2015
M366047-02	80006-A-01-WEST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	38,000 10.57	/g %	6/18/2015 6/18/2015
M366047-03	80006-B-01-EAST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	190,000 12.33	/g %	6/18/2015 6/18/2015
M366047-04	80006-B-01-WEST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	54,000 10.89	/g %	6/18/2015 6/18/2015
M366047-05	P-A-01-1-3-NORTH - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	22,000 7.77	/g %	6/18/2015 6/18/2015
M366047-06	P-A-01-2-3-SOUTH - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	3,100 7.09	/g %	6/18/2015 6/18/2015
M366047-07	P-B0-01-2-3-SOUTH SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	40,000 6.87	/g %	6/18/2015 6/18/2015
M366047-08	P-C-01-2-3-SOUTH SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	69,000 7.79	/g %	6/18/2015 6/18/2015
M366047-09	P-D-01-1-3-NORTH SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	27,000 5.79	/g %	6/18/2015 6/18/2015
M366047-10	P-D-01-2-3-SOUTH SOIL DATE: 06/17/15 PSEUDOMONAS SPP.	SM9215C MODIFIED	790	/g	6/18/2015



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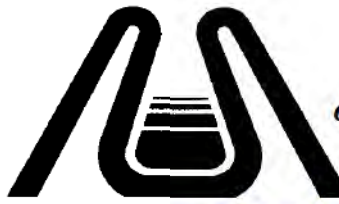
Submitted By: THE SOURCE GROUP, INC.
1962 FREEMAN AVE.
SIGNAL HILL, CA 90755
Attn : PAUL PARMENTIER

Printed : 07/06/2015
Lab No. : 061815-M366047
Report No. : 061815-M366047C
Order No. :
Received : 6/18/2015
Page : 2 of 2

REPORT #	PRODUCT / TEST	METHOD	RESULT	UNITS	START:DT
	MOISTURE, AIR OVEN 101C	AOAC 950.46	5.83	%	6/18/2015

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Osmerly Morales, Microbiology Asst Manager | 7/6/2015 5:54:00 PM



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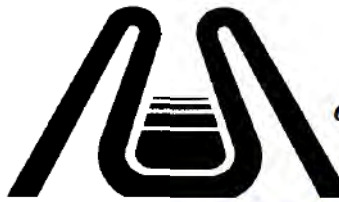
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Printed : 07/06/2015
Lab No. : 061815-M366046
Report No. : 061815-M366046B
Order No. :
Received : 6/18/2015
Page : 1 of 2

REPORT #	PRODUCT / TEST	METHOD	RESULT	UNITS	START:DT
M366046-01	80002-A-01-EAST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	710 11.89	/g %	6/18/2015 6/18/2015
M366046-02	80002-A-01-WEST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	20,000 11.27	/g %	6/18/2015 6/18/2015
M366046-03	80002-B-01-EAST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	400 15.29	/g %	6/18/2015 6/18/2015
M366046-04	80002-B-01-WEST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	2,800 13.46	/g %	6/18/2015 6/18/2015
M366046-05	80002-C-01-EAST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	66,000 9.99	/g %	6/18/2015 6/18/2015
M366046-06	80002-C-01-WEST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	4,600 11.94	/g %	6/18/2015 6/18/2015
M366046-07	80002-D-01-EAST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	94,000 14.05	/g %	6/18/2015 6/18/2015
M366046-08	80002-D-01-WEST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	100,000 10.77	/g %	6/18/2015 6/18/2015
M366046-09	80002-E-01-EAST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	28,000 6.39	/g %	6/18/2015 6/18/2015
M366046-10	80002-E-01-WEST - SOIL DATE: 06/17/15 PSEUDOMONAS SPP.	SM9215C MODIFIED	29,000	/g	6/18/2015



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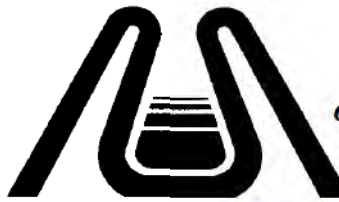
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SIGNAL HILL, CA 90755
Attn : PAUL PARMENTIER

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Lab No. : 061815-M366046
Report No. : 061815-M366046B
Order No. :
Received : 6/18/2015
Page : 2 of 2

REPORT #	PRODUCT / TEST	METHOD	RESULT	UNITS	START:DT
	MOISTURE, AIR OVEN 101C	AOAC 950.46	6.82	%	6/18/2015

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Osmerly Morales, Microbiology Asst Manager | 7/6/2015 5:53:44 PM



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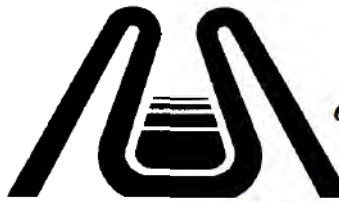
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Printed : 07/06/2015
Lab No. : 062915-M367457
Report No. : 062915-M367457A
Order No. :
Received : 6/29/2015
Page : 1 of 2

REPORT #	PRODUCT / TEST	METHOD	RESULT	UNITS	START:DT
M367457-01	SOIL 80006-C-01-EAST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	510,000 12.77	/g %	6/29/2015 6/29/2015
M367457-02	SOIL 80006-C-01-WEST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	720,000 13.47	/g %	6/29/2015 6/29/2015
M367457-03	SOIL 80006-D-01-EAST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	280,000 15.04	/g %	6/29/2015 6/29/2015
M367457-04	SOIL 80006-D-01-WEST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	320,000 13.26	/g %	6/29/2015 6/29/2015
M367457-05	SOIL 80006-E-01-EAST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	25,000 13.09	/g %	6/29/2015 6/29/2015
M367457-06	SOIL 80006-E-01-WEST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	120,000 15.17	/g %	6/29/2015 6/29/2015
M367457-07	SOIL 80004-A-01-EAST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	8,000 10.44	/g %	6/29/2015 6/29/2015
M367457-08	SOIL 80004-A-01-WEST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	70,000 12.57	/g %	6/29/2015 6/29/2015
M367457-09	SOIL 80004-B-01-EAST DATE: 06/29/15 PSEUDOMONAS SPP. MOISTURE, AIR OVEN 101C	SM9215C MODIFIED AOAC 950.46	59,000 13.39	/g %	6/29/2015 6/29/2015
M367457-10	SOIL 80004-B-01-WEST DATE: 06/29/15 PSEUDOMONAS SPP.	SM9215C MODIFIED	330,000	/g	6/29/2015



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Attn: PAUL PARMENTIER

Printed: 07/06/2015
Lab No.: 062915-M367457
Report No.: 062915-M367457A
Order No.:
Received: 6/29/2015
Page: 2 of 2

REPORT #	PRODUCT / TEST	METHOD	RESULT	UNITS	START:DT
M367457-11	MOISTURE, AIR OVEN 101C SOIL P-B-01-1-3' DATE: 06/29/15 PSEUDOMONAS SPP.	AOAC 950.46	12.08	%	6/29/2015
M367457-12	MOISTURE, AIR OVEN 101C SOIL P-C-01-1-3' DATE: 06/29/15 PSEUDOMONAS SPP.	SM9215C MODIFIED AOAC 950.46	6,600	/g	6/29/2015
	MOISTURE, AIR OVEN 101C	AOAC 950.46	8.68	%	6/29/2015
	MOISTURE, AIR OVEN 101C	SM9215C MODIFIED	470	/g	6/29/2015
	MOISTURE, AIR OVEN 101C	AOAC 950.46	5.86	%	6/29/2015

*P.O. No.: 04-NDLA-007

MICHELSON LABORATORIES, INC.

Osmerly Morales, Microbiology Asst Manager | 7/6/2015 5:54:18 PM

APPENDIX D
TPH LAB RESULTS



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

May 21, 2015

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007
A5331345 / 5E19005**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/19/15 13:10 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
-----------	---------------	--------	-----	--------------	---------------

8260B TPHGASOLINE

P-A-01-1-3'	5E19005-01	Soil	2	05/12/15 00:00	05/19/15 13:10
P-A-01-2-3'	5E19005-02	Soil	2	05/12/15 00:00	05/19/15 13:10
P-B-01-1-3'	5E19005-03	Soil	2	05/12/15 00:00	05/19/15 13:10
P-B-01-2-3'	5E19005-04	Soil	2	05/12/15 00:00	05/19/15 13:10
P-C-01-1-3'	5E19005-05	Soil	2	05/12/15 00:00	05/19/15 13:10
P-C-01-2-3'	5E19005-06	Soil	2	05/12/15 00:00	05/19/15 13:10
P-D-01-1-3'	5E19005-07	Soil	2	05/12/15 00:00	05/19/15 13:10
P-D-01-2-3'	5E19005-08	Soil	2	05/12/15 00:00	05/19/15 13:10
Baseline-C-CS-01	5E19005-09	Soil	2	05/12/15 00:00	05/19/15 13:10

Carbon Chain Characterization 8015M

P-A-01-1-3'	5E19005-01	Soil	2	05/12/15 00:00	05/19/15 13:10
P-A-01-2-3'	5E19005-02	Soil	2	05/12/15 00:00	05/19/15 13:10
P-B-01-1-3'	5E19005-03	Soil	2	05/12/15 00:00	05/19/15 13:10
P-B-01-2-3'	5E19005-04	Soil	2	05/12/15 00:00	05/19/15 13:10
P-C-01-1-3'	5E19005-05	Soil	2	05/12/15 00:00	05/19/15 13:10
P-C-01-2-3'	5E19005-06	Soil	2	05/12/15 00:00	05/19/15 13:10
P-D-01-1-3'	5E19005-07	Soil	2	05/12/15 00:00	05/19/15 13:10
P-D-01-2-3'	5E19005-08	Soil	2	05/12/15 00:00	05/19/15 13:10

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
Baseline-C-CS-01	5E19005-09	Soil	2	05/12/15 00:00	05/19/15 13:10

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: TPH Gasoline by GC/MS

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15
Units: mg/kg

Date Sampled:	05/12/15	05/12/15	05/12/15	05/12/15	
Date Prepared:	05/19/15	05/19/15	05/19/15	05/19/15	
Date Analyzed:	05/19/15	05/19/15	05/19/15	05/19/15	
AA ID No:	5E19005-01	5E19005-02	5E19005-03	5E19005-04	
Client ID No:	P-A-01-1-3'	P-A-01-2-3'	P-B-01-1-3'	P-B-01-2-3'	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

8260B TPH GASOLINE (EPA 8260B)

Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
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Surrogates

					<u>%REC Limits</u>
4-Bromofluorobenzene	109%	116%	116%	110%	70-140
Toluene-d8	98%	101%	102%	100%	70-140

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: TPH Gasoline by GC/MS

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15
Units: mg/kg

Date Sampled:	05/12/15	05/12/15	05/12/15	05/12/15	
Date Prepared:	05/19/15	05/19/15	05/19/15	05/19/15	
Date Analyzed:	05/19/15	05/19/15	05/19/15	05/19/15	
AA ID No:	5E19005-05	5E19005-06	5E19005-07	5E19005-08	
Client ID No:	P-C-01-1-3'	P-C-01-2-3'	P-D-01-1-3'	P-D-01-2-3'	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

8260B TPH GASOLINE (EPA 8260B)

Gasoline Range Organics (GRO)	<0.50	<0.50	<0.50	<0.50	0.50
-------------------------------	-------	-------	-------	-------	------

Surrogates

					<u>%REC Limits</u>
4-Bromofluorobenzene	133%	124%	127%	106%	70-140
Toluene-d8	102%	104%	103%	97%	70-140

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: TPH Gasoline by GC/MS

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15
Units: mg/kg

Date Sampled: 05/12/15
Date Prepared: 05/19/15
Date Analyzed: 05/19/15
AA ID No: 5E19005-09
Client ID No: Baseline-C-CS-0
1
Matrix: Soil
Dilution Factor: 1

MRL

8260B TPHGASOLINE (EPA 8260B)

Gasoline Range Organics (GRO) <0.50 0.50

Surrogates

		<u>%REC Limits</u>
4-Bromofluorobenzene	134%	70-140
Toluene-d8	113%	70-140

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15
Units: mg/kg

Date Sampled:	05/12/15	05/12/15	05/12/15	05/12/15	
Date Prepared:	05/19/15	05/19/15	05/19/15	05/19/15	
Date Analyzed:	05/20/15	05/20/15	05/20/15	05/20/15	
AA ID No:	5E19005-01	5E19005-02	5E19005-03	5E19005-04	
Client ID No:	P-A-01-1-3'	P-A-01-2-3'	P-B-01-1-3'	P-B-01-2-3'	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

Carbon Chain Characterization 8015M (EPA 8015M)

C6-C8	<1.0	<1.0	<1.0	<1.0	1.0
C8-C10	<1.0	<1.0	<1.0	<1.0	1.0
C10-C12	<1.0	<1.0	<1.0	<1.0	1.0
C12-C14	<1.0	<1.0	<1.0	1.9	1.0
C14-C16	<1.0	<1.0	5.4	6.1	1.0
C16-C18	<1.0	1.3	13	30	1.0
C18-C20	1.4	2.6	24	38	1.0
C20-C22	5.9	8.8	45	67	1.0
C22-C24	6.6	12	52	65	1.0
C24-C26	7.2	13	54	80	1.0
C26-C28	12	19	69	99	1.0
C28-C32	34	53	140	190	1.0
C32-C34	23	34	52	55	1.0
C34-C36	18	29	41	52	1.0
C36-C40	30	44	54	72	1.0
C40-C44	15	33	23	35	1.0
TPH (C6-C44)	150	250	570	790	10

Surrogates					%REC Limits
o-Terphenyl	95%	102%	136%	107%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15
Units: mg/kg

Date Sampled:	05/12/15	05/12/15	05/12/15	05/12/15	
Date Prepared:	05/19/15	05/19/15	05/19/15	05/19/15	
Date Analyzed:	05/20/15	05/20/15	05/20/15	05/20/15	
AA ID No:	5E19005-05	5E19005-06	5E19005-07	5E19005-08	
Client ID No:	P-C-01-1-3'	P-C-01-2-3'	P-D-01-1-3'	P-D-01-2-3'	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

Carbon Chain Characterization 8015M (EPA 8015M)

C6-C8	<1.0	<1.0	<1.0	<1.0	1.0
C8-C10	<1.0	<1.0	<1.0	<1.0	1.0
C10-C12	1.5	<1.0	<1.0	<1.0	1.0
C12-C14	23	2.6	<1.0	<1.0	1.0
C14-C16	66	24	<1.0	<1.0	1.0
C16-C18	140	59	3.4	<1.0	1.0
C18-C20	160	110	20	<1.0	1.0
C20-C22	220	130	27	2.4	1.0
C22-C24	210	140	33	2.5	1.0
C24-C26	240	140	34	2.8	1.0
C26-C28	280	200	92	6.8	1.0
C28-C32	620	460	210	15	1.0
C32-C34	220	170	90	8.6	1.0
C34-C36	220	180	80	8.3	1.0
C36-C40	330	250	140	14	1.0
C40-C44	190	150	88	10	1.0
TPH (C6-C44)	2900	2000	820	70	10

Surrogates					%REC Limits
o-Terphenyl	53%	56%	89%	99%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15
Units: mg/kg

Date Sampled: 05/12/15
Date Prepared: 05/19/15
Date Analyzed: 05/20/15
AA ID No: 5E19005-09
Client ID No: Baseline-C-CS-0
1
Matrix: Soil
Dilution Factor: 1 MRL

Carbon Chain Characterization 8015M (EPA 8015M)

C6-C8	<1.0	1.0
C8-C10	1.8	1.0
C10-C12	2.3	1.0
C12-C14	2.3	1.0
C14-C16	43	1.0
C16-C18	16	1.0
C18-C20	11	1.0
C20-C22	15	1.0
C22-C24	22	1.0
C24-C26	42	1.0
C26-C28	48	1.0
C28-C32	130	1.0
C32-C34	67	1.0
C34-C36	63	1.0
C36-C40	100	1.0
C40-C44	73	1.0
TPH (C6-C44)	640	10

<u>Surrogates</u>		<u>%REC Limits</u>
o-Terphenyl	84%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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TPH Gasoline by GC/MS - Quality Control

Batch B5E1905 - EPA 5035

Blank (B5E1905-BLK1)

Prepared & Analyzed: 05/19/15

Gasoline Range Organics (GRO)	<0.50	0.50	mg/kg						
Surrogate: 4-Bromofluorobenzene	0.107		mg/kg	0.10		107	70-140		
Surrogate: Toluene-d8	0.101		mg/kg	0.10		101	70-140		

LCS (B5E1905-BS1)

Prepared & Analyzed: 05/19/15

Gasoline Range Organics (GRO)	0.972	0.50	mg/kg	1.0		97.2	75-125		
Surrogate: 4-Bromofluorobenzene	0.0993		mg/kg	0.10		99.3	70-140		
Surrogate: Toluene-d8	0.100		mg/kg	0.10		100	70-140		

LCS Dup (B5E1905-BSD1)

Prepared & Analyzed: 05/19/15

Gasoline Range Organics (GRO)	0.990	0.50	mg/kg	1.0		99.0	75-125	1.80	40
Surrogate: 4-Bromofluorobenzene	0.101		mg/kg	0.10		101	70-140		
Surrogate: Toluene-d8	0.0997		mg/kg	0.10		99.7	70-140		

Matrix Spike (B5E1905-MS1)

Source: 5E15018-01

Prepared & Analyzed: 05/19/15

Gasoline Range Organics (GRO)	1.85	0.50	mg/kg	1.0		178	70-130		
Surrogate: 4-Bromofluorobenzene	0.102		mg/kg	0.10		98.2	70-140		
Surrogate: Toluene-d8	0.102		mg/kg	0.10		98.3	70-140		

Matrix Spike Dup (B5E1905-MSD1)

Source: 5E15018-01

Prepared & Analyzed: 05/19/15

Gasoline Range Organics (GRO)	1.71	0.50	mg/kg	0.94		181	70-130	7.98	40
Surrogate: 4-Bromofluorobenzene	0.0934		mg/kg	0.094		99.0	70-140		
Surrogate: Toluene-d8	0.0939		mg/kg	0.094		99.5	70-140		

Carbon Chain by GC/FID - Quality Control

Batch B5E1910 - EPA 3550B

Blank (B5E1910-BLK1)

Prepared: 05/19/15 Analyzed: 05/20/15

C6-C8	<1.0	1.0	mg/kg						
C8-C10	<1.0	1.0	mg/kg						
C10-C12	<1.0	1.0	mg/kg						
C12-C14	<1.0	1.0	mg/kg						
C14-C16	<1.0	1.0	mg/kg						
C16-C18	<1.0	1.0	mg/kg						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
 Project No: 04-NDLA-007
 Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331345
 Date Received: 05/19/15
 Date Reported: 05/21/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Notes
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Carbon Chain by GC/FID - Quality Control

Batch B5E1910 - EPA 3550B

Blank (B5E1910-BLK1) Continued

Prepared: 05/19/15 Analyzed: 05/20/15

C18-C20	<1.0	1.0	mg/kg
C20-C22	<1.0	1.0	mg/kg
C22-C24	<1.0	1.0	mg/kg
C24-C26	<1.0	1.0	mg/kg
C26-C28	<1.0	1.0	mg/kg
C28-C32	<1.0	1.0	mg/kg
C32-C34	<1.0	1.0	mg/kg
C34-C36	<1.0	1.0	mg/kg
C36-C40	<1.0	1.0	mg/kg
C40-C44	<1.0	1.0	mg/kg
TPH (C6-C44)	<10	10	mg/kg

Surrogate: o-Terphenyl

7.23

mg/kg

10

72.3 50-150

LCS (B5E1910-BS1)

Prepared: 05/19/15 Analyzed: 05/20/15

Diesel Range Organics as Diesel	167	10	mg/kg
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200

83.5 75-125

Surrogate: o-Terphenyl

9.16

mg/kg

10

91.6 50-150

LCS Dup (B5E1910-BSD1)

Prepared: 05/19/15 Analyzed: 05/20/15

Diesel Range Organics as Diesel	175	10	mg/kg
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200

87.5 75-125 4.61 40

Surrogate: o-Terphenyl

9.49

mg/kg

10

94.9 50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331345
Date Received: 05/19/15
Date Reported: 05/21/15

Special Notes

Viorel Vasile
Operations Manager



AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

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

A.A. COC No.: 122547
70043280
 Page 1 of 1

Client: The Source Group, Inc. Project Name / No.: 04-NBLA-227 Sampler's Name: _____
 Project Manager: Nick Fish / Ken Wall Site Address: 15306 Norwalk Blvd Sampler's Signature: _____
 Phone: _____ City: Norwalk P.O. No.: _____
 Fax: _____ 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	Please enter the TAT Turnaround Codes ** below										Special Instructions											
						①	②	③	④	⑤	X	1	2	3	4		5	6									
P-A-01-1-31	SE19005-01	5/12/15		SOIL	1	X																				48-HR TAT	
P-A-01-2-31	02				1	X																					
P-B-01-1-31	03				1	X																					
P-B-01-2-31	04				1	X																					
P-C-01-1-31	05				1	X																					
P-C-01-2-31	06				1	X																					
P-D-01-1-31	07				1	X																					
P-D-01-2-31	08				1	X																					
Baseline-C-05-01	09				1	X																					

For Laboratory Use

PRIORITY
 Rush 48 Hrs SH
 Date 5/19/15 Time 13:10 Sign [Signature]

Received by [Signature] Time 11:47
 Received by [Signature] Time 13:10
 Received by [Signature] Time

A.A. Project No.: AS331345/SE19005
 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.



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

June 26, 2015

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007
A5331380 / 5F18003**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/18/15 07:43 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-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331380
Date Received: 06/18/15
Date Reported: 06/26/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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Carbon Chain Custom

P-B-01-1-3'-NORTH	5F18003-01	Soil	5	06/17/15 00:00	06/18/15 07:43
P-C-01-1-3'-NORTH	5F18003-02	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-A-01-EAST	5F18003-03	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-A-01-WEST	5F18003-04	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-B-01-EAST	5F18003-05	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-B-01-WEST	5F18003-06	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-C-01-EAST	5F18003-07	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-C-01-WEST	5F18003-08	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-D-01-EAST	5F18003-09	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-D-01-WEST	5F18003-10	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-E-01-EAST	5F18003-11	Soil	5	06/17/15 00:00	06/18/15 07:43
80002-E-01-WEST	5F18003-12	Soil	5	06/17/15 00:00	06/18/15 07:43
80006-A-01-EAST	5F18003-13	Soil	5	06/17/15 00:00	06/18/15 07:43
80006-A-01-WEST	5F18003-14	Soil	5	06/17/15 00:00	06/18/15 07:43
80006-B-01-EAST	5F18003-15	Soil	5	06/17/15 00:00	06/18/15 07:43
80006-B-01-WEST	5F18003-16	Soil	5	06/17/15 00:00	06/18/15 07:43

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331380
Date Received: 06/18/15
Date Reported: 06/26/15
Units: mg/kg

Date Sampled:	06/17/15	06/17/15	06/17/15	06/17/15	
Date Prepared:	06/19/15	06/19/15	06/19/15	06/19/15	
Date Analyzed:	06/19/15	06/20/15	06/19/15	06/19/15	
AA ID No:	5F18003-01	5F18003-02	5F18003-03	5F18003-04	
Client ID No:	P-B-01-1-3'-NOR	P-C-01-1-3'-NORT	80002-A-01-EAS	80002-A-01-WES	
	TH	H	T	T	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	5	1	1	MRL

Carbon Chain Custom (EPA 8015M)

C13-C22	60	470	46	79	10
C23-C32	260	1200	180	240	10
C33-C44	190	810	150	150	10

<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	122%	96%	115%	117%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331380
Date Received: 06/18/15
Date Reported: 06/26/15
Units: mg/kg

Date Sampled:	06/17/15	06/17/15	06/17/15	06/17/15	
Date Prepared:	06/19/15	06/19/15	06/19/15	06/19/15	
Date Analyzed:	06/19/15	06/19/15	06/19/15	06/19/15	
AA ID No:	5F18003-05	5F18003-06	5F18003-07	5F18003-08	
Client ID No:	80002-B-01-EAS	80002-B-01-WES	80002-C-01-EAS	80002-C-01-WES	
	T	T	T	T	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

Carbon Chain Custom (EPA 8015M)

C13-C22	460	<10	15	44	10
C23-C32	<10	<10	59	89	10
C33-C44	<10	<10	49	57	10

<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	91%	94%	107%	121%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331380
Date Received: 06/18/15
Date Reported: 06/26/15
Units: mg/kg

Date Sampled:	06/17/15	06/17/15	06/17/15	06/17/15	
Date Prepared:	06/19/15	06/19/15	06/19/15	06/19/15	
Date Analyzed:	06/20/15	06/19/15	06/19/15	06/20/15	
AA ID No:	5F18003-09	5F18003-10	5F18003-11	5F18003-12	
Client ID No:	80002-D-01-EAS	80002-D-01-WES	80002-E-01-EAS	80002-E-01-WEST	
	T	T	T		
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	10	1	1	1	MRL

Carbon Chain Custom (EPA 8015M)

C13-C22	1800	480	100	250	10
C23-C32	700	350	88	920	10
C33-C44	320	170	33	490	10

Surrogates

o-Terphenyl	101%	86%	130%	90%	<u>%REC Limits</u> 50-150
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
 Project No: 04-NDLA-007
 Project Name: DFSP Norwalk Soil Remediation
 Method: Carbon Chain by GC/FID

AA Project No: A5331380
 Date Received: 06/18/15
 Date Reported: 06/26/15
 Units: mg/kg

Date Sampled:	06/17/15	06/17/15	06/17/15	06/17/15	
Date Prepared:	06/19/15	06/19/15	06/19/15	06/19/15	
Date Analyzed:	06/19/15	06/19/15	06/19/15	06/19/15	
AA ID No:	5F18003-13	5F18003-14	5F18003-15	5F18003-16	
Client ID No:	80006-A-01-EAS	80006-A-01-WEST	80006-B-01-EAS	80006-B-01-WES	
	T		T	T	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

Carbon Chain Custom (EPA 8015M)

C13-C22	<10	<10	17	<10	10
C23-C32	<10	49	<10	<10	10
C33-C44	<10	63	<10	<10	10

<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	96%	109%	108%	100%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331380
Date Received: 06/18/15
Date Reported: 06/26/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Carbon Chain by GC/FID - Quality Control										
<i>Batch B5F1909 - EPA 3550B</i>										
Blank (B5F1909-BLK1) Prepared & Analyzed: 06/19/15										
C13-C22	<10	10	mg/kg							
C23-C32	<10	10	mg/kg							
C33-C44	<10	10	mg/kg							
<i>Surrogate: o-Terphenyl</i>	8.99		mg/kg	10		89.9	50-150			
LCS (B5F1909-BS1) Prepared & Analyzed: 06/19/15										
Diesel Range Organics as Diesel	193	10	mg/kg	200		96.7	70-130			
<i>Surrogate: o-Terphenyl</i>	12.1		mg/kg	10		121	50-150			
LCS Dup (B5F1909-BSD1) Prepared & Analyzed: 06/19/15										
Diesel Range Organics as Diesel	207	10	mg/kg	200		103	70-130	6.51	40	
<i>Surrogate: o-Terphenyl</i>	12.9		mg/kg	10		129	50-150			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331380
Date Received: 06/18/15
Date Reported: 06/26/15

Special Notes

Viorel Vasile
Operations Manager



AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

7665 ETON AVE., CHATSWORTH, CA 91311
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 122773
70040814
Page 1 of 2

Client: The Source Group Inc Project Name / No.: 04-NDLA-007 Sampler's Name: Deryck Roberts
 Project Manager: Ken Wall / Neil Jash Site Address: 15306 Norwalk Blvd Sampler's Signature: [Signature]
 Phone: 562-597-1055 City: Norwalk P.O. No.: 04-NDLA-007
 Fax: 562-597-1070 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.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont.	ANALYSIS REQUESTED (Test Name)										Special Instructions									
						Please enter the TAT Turnaround Codes ** below																			
P-B-01-1-3-NORTH	SF18003-01	6-17-15		301L	1																			TPH samples collected in union with Pseudomonas + moisture sample - sent to Mickelson Labs. Requested by David Rasmussen	
P-C-01-1-3-NORTH	-02																								
80002-A-01-EAST	-03																								
80002-A-01-WEST	-04																								
80002-B-01-EAST	-05																								
80002-B-01-WEST	-06																								
80002-C-01-EAST	-07																								
80002-C-01-WEST	-08																								
80002-D-01-EAST	-09																								
80002-D-01-WEST	-10																								
80002-E-01-EAST	-11																								
80002-E-01-WEST	-12																								
80006-A-01-EAST	-13																								
80006-A-01-WEST	-14																								
80006-B-01-EAST	-15																								

Requisitioned by: [Signature] Date: 6-17-15 Time: 6:00
 Relinquished by: [Signature] Date: 06/18/15 Time: 7:43
 Relinquished by: [Signature] Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____

Received by: _____ Date: _____ Time: _____
 Received by: _____ Date: _____ Time: _____
 Received by: _____ Date: _____ Time: _____

A.A. Project No.: AS321380/SF18003
 Note: By relinquishing samples to American Analytix, 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 Analytix.



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

July 08, 2015

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk Soil Remediation / 04-NDLA-007
A5331388 / 5F29019**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/29/15 15:40 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-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331388
Date Received: 06/29/15
Date Reported: 07/08/15

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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Carbon Chain Custom

80006-C-01-EAST	5F29019-01	Soil	5	06/29/15 00:00	06/29/15 15:40
80006-D-01-EAST	5F29019-02	Soil	5	06/29/15 00:00	06/29/15 15:40
80006-E-01-EAST	5F29019-03	Soil	5	06/29/15 00:00	06/29/15 15:40
80006-C-01-WEST	5F29019-04	Soil	5	06/29/15 00:00	06/29/15 15:40
80006-D-01-WEST	5F29019-05	Soil	5	06/29/15 00:00	06/29/15 15:40
80006-E-01-WEST	5F29019-06	Soil	5	06/29/15 00:00	06/29/15 15:40
80004-A-01-EAST	5F29019-07	Soil	5	06/29/15 00:00	06/29/15 15:40
80004-B-01-EAST	5F29019-08	Soil	5	06/29/15 00:00	06/29/15 15:40
80004-A-01-WEST	5F29019-09	Soil	5	06/29/15 00:00	06/29/15 15:40
80004-B-01-WEST	5F29019-10	Soil	5	06/29/15 00:00	06/29/15 15:40

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331388
Date Received: 06/29/15
Date Reported: 07/08/15
Units: mg/kg

Date Sampled:	06/29/15	06/29/15	06/29/15	06/29/15	
Date Prepared:	06/30/15	06/30/15	06/30/15	06/30/15	
Date Analyzed:	06/30/15	06/30/15	07/01/15	06/30/15	
AA ID No:	5F29019-01	5F29019-02	5F29019-03	5F29019-04	
Client ID No:	80006-C-01-EAS	80006-D-01-EAST	80006-E-01-EAS	80006-C-01-WES	
	T		T	T	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

Carbon Chain Custom (EPA 8015M)

C13-C22	<10	<10	<10	<10	10
C23-C32	<10	<10	56	<10	10
C33-C44	<10	<10	68	<10	10

Surrogates

o-Terphenyl	101%	108%	110%	114%	%REC Limits 50-150
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331388
Date Received: 06/29/15
Date Reported: 07/08/15
Units: mg/kg

Date Sampled:	06/29/15	06/29/15	06/29/15	06/29/15	
Date Prepared:	06/30/15	06/30/15	06/30/15	06/30/15	
Date Analyzed:	06/30/15	07/01/15	07/01/15	07/01/15	
AA ID No:	5F29019-05	5F29019-06	5F29019-07	5F29019-08	
Client ID No:	80006-D-01-WES	80006-E-01-WES	80004-A-01-EAS	80004-B-01-EAS	
	T	T	T	T	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL

Carbon Chain Custom (EPA 8015M)

C13-C22	<10	<10	32	<10	10
C23-C32	<10	<10	120	23	10
C33-C44	<10	<10	110	17	10

Surrogates

o-Terphenyl	112%	112%	121%	106%	<u>%REC Limits</u> 50-150
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation
Method: Carbon Chain by GC/FID

AA Project No: A5331388
Date Received: 06/29/15
Date Reported: 07/08/15
Units: mg/kg

Date Sampled:	06/29/15	06/29/15	
Date Prepared:	06/30/15	06/30/15	
Date Analyzed:	07/01/15	07/01/15	
AA ID No:	5F29019-09	5F29019-10	
Client ID No:	80004-A-01-WES	80004-B-01-WES	
	T	T	
Matrix:	Soil	Soil	
Dilution Factor:	1	1	MRL

Carbon Chain Custom (EPA 8015M)

C13-C22	<10	96	10
C23-C32	25	140	10
C33-C44	16	100	10

<u>Surrogates</u>			<u>%REC Limits</u>
o-Terphenyl	115%	129%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331388
Date Received: 06/29/15
Date Reported: 07/08/15

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Carbon Chain by GC/FID - Quality Control										
<i>Batch B5F3015 - EPA 3550B</i>										
Blank (B5F3015-BLK1) Prepared & Analyzed: 06/30/15										
C13-C22	<10	10	mg/kg							
C23-C32	<10	10	mg/kg							
C33-C44	<10	10	mg/kg							
<i>Surrogate: o-Terphenyl</i>	11.3		mg/kg	10		113	50-150			
LCS (B5F3015-BS1) Prepared & Analyzed: 06/30/15										
Diesel Range Organics as Diesel	199	10	mg/kg	200		99.6	70-130			
<i>Surrogate: o-Terphenyl</i>	11.7		mg/kg	10		117	50-150			
LCS Dup (B5F3015-BSD1) Prepared & Analyzed: 06/30/15										
Diesel Range Organics as Diesel	209	10	mg/kg	200		104	70-130	4.59	40	
<i>Surrogate: o-Terphenyl</i>	12.0		mg/kg	10		120	50-150			
Matrix Spike (B5F3015-MS1) Source: 5F29019-06 Prepared: 06/30/15 Analyzed: 07/01/15										
Diesel Range Organics as Diesel	218	10	mg/kg	200	6.69	106	60-140			
<i>Surrogate: o-Terphenyl</i>	12.1		mg/kg	10		121	50-150			
Matrix Spike Dup (B5F3015-MSD1) Source: 5F29019-06 Prepared: 06/30/15 Analyzed: 07/01/15										
Diesel Range Organics as Diesel	207	10	mg/kg	200	6.69	100	60-140	5.11	40	
<i>Surrogate: o-Terphenyl</i>	12.4		mg/kg	10		124	50-150			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-007
Project Name: DFSP Norwalk Soil Remediation

AA Project No: A5331388
Date Received: 06/29/15
Date Reported: 07/08/15

Special Notes

Viorel Vasile
Operations Manager



AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

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

A.A. COC No.: 122854
70038087
Page 1 of 1

Client: The Source Group Inc Project Name / No.: 04-NDLA-007 Sampler's Name: Deryak Roberts
 Project Manager: Ned Insh/ Ken Walk Site Address: 5306 Norwalk CA Sampler's Signature: [Signature]
 Phone: 562-597-1055 City: Norwalk P.O. No.: 04-NDLA-007
 Fax: 562-597-1070 State & Zip: CA 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.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont.	Special Instructions
80006-C-01-east	5F29013-01	6/29/15		Soil	1	
80006-D-01-east	-02					
80006-E-01-east	-03					
80006-C-01-west	-04					
80006-D-01-west	-05					
80006-E-01-west	-06					
80004-A-01-east	-07					
80004-B-01-east	-08					
80004-A-01-west	-09					
80004-B-01-west	-10					

Handwritten note: Please enter the TAT Turnaround Codes ** below

ANALYSIS REQUESTED (Test Name)

Relinquished by	Date	Time	Received by	Time
<u>[Signature]</u>	6-29-15	13:50	<u>[Signature]</u>	
<u>[Signature]</u>	6/29/15	15:40	<u>[Signature]</u>	
<u>[Signature]</u>			<u>[Signature]</u>	

For Laboratory Use
REVIEWED
 Date 6/22/15 Time 16:15
 TAT N Days Sign: [Signature]

A.A. Project No.: AS331288/SE29017

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

APPENDIX E
STOCKPLIE INSPECTION RECORDS

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW POWERSINE - A - SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
4/27/15	KR	K.L. Perich	N		
4/28/15	DR	[Signature]	N		
4/29/15	KR	K. Perich	N		
4/30/15	KR	K. Perich	Y	Tape	4/30/15
5/5/15	KR	K. Perich	N		
5/6/15	KR	K. Perich	N		
5/7/15	KR	K. Perich	N		
5/8/15	KR	K. Perich	N		
5/11/15	KR	K. Perich	N		
5/12/15	KM	[Signature]	Y	Tape	5/14/15
5/13/15	KR	K. Perich	N		
5/14/15	DR	[Signature]	N		
5/15/15	DR	John Sargent	N		
5/18/15	KR	K. Perich	N		
5/19/15	KR	K. Perich	N		
5/20/15	DR	John Sargent	N		
5/22/15	KR	K. Perich	N		
5/20/15	KR	K. Perich	N		
5/27/15	KR	K. Perich	N		
5/28/15	KR	K. Perich	N		
5/29/15	KR	K. Perich	N		
5/29/15	KR	K. Perich	N		
6/3/15	KR	K. Perich	N		
6/2/15	KR	K. Perich	N		
6/3/15	KR	K. Perich	N		
6/8/15	KR	K. Perich	N		
6/9/15	KR	K. Perich	N		
6/10/15	KR	K. Perich	N		
6/11/15	KR	K. Perich	N		
6/11/15	DR	John Sargent	N		
6/15/15	KR	K. Perich	N		
6/16/15	KR	K. Perich	N		
6/17/15	KR	K. Perich	Y	TAPE	6/17/15
6/18/15	KR	K. Perich	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, INC.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW POWERLINE-B-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
4/17/15	KD	[Signature]	N		
4/28/15	DR	[Signature]	N		
4/29/15	KR	[Signature]	N		
4/30/15	KL	[Signature]	Y	Tape	4/30/15
5/5/15	KR	[Signature]	N		
5/6/15	KR	[Signature]	N		
5/7/15	KR	[Signature]	N		
5/8/15	KR	[Signature]	N		
5/11/15	KR	[Signature]	N		
5/12/15	KM	[Signature]	Y	Tape	5/12/15
5/13/15	KL	[Signature]	N		
5/14/15	DR	[Signature]	N		
5/15/15	JR	[Signature]	N		
5/18/15	KL	[Signature]	N		
5/19/15	KR	[Signature]	N	105 ppm P105	
5/20/15	JR	[Signature]	N		
5/22/15	KR	[Signature]	N		
5/26/15	KR	[Signature]	N		
5/27/15	KR	[Signature]	N		
5/28/15	KR	[Signature]	N		
5/29/15	KR	[Signature]	N		
6/1/15	KR	[Signature]	N		
6/2/15	KR	[Signature]	N		
6/3/15	KR	[Signature]	N		
6/9/15	KR	[Signature]	N		
6/9/15	KR	[Signature]	N		
6/10/15	KR	[Signature]	N		
6/11/15	KR	[Signature]	N		
6/12/15	JR	[Signature]	N		
6/15/15	KR	[Signature]	N		
6/16/15	KR	[Signature]	N		
6/17/15	KL	[Signature]	Y	TAPE	6/17/15
6/18/15	KR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW Powertine - C-01

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Date Completed
4/23/15	JR	<i>[Handwritten Signature]</i>	Y	4/23/15
4/24/15	JR	<i>[Handwritten Signature]</i>	N	—

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW POWERLINE-C-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
4/19/15	KR	[Signature]	N		
4/28/15	DR	[Signature]	N		
4/29/15	KR	[Signature]	N		
4/30/15	KR	[Signature]	N	Tape	4/20/15
5/5/15	KR	[Signature]	N		
5/6/15	KR	[Signature]	N		
5/7/15	KR	[Signature]	N		
5/8/15	KR	[Signature]	N		
5/11/15	KR	[Signature]	N		
5/12/15	KM	[Signature]	N	Tape	5/12/15
5/13/15	KR	[Signature]	N		
5/14/15	DR	[Signature]	N		
5/15/15	JR	[Signature]	N		
5/18/15	KR	[Signature]	N		
5/19/15	KR	[Signature]	N		
5/20/15	JR	[Signature]	N		
5/22/15	KR	[Signature]	N		
5/26/15	KR	[Signature]	N		
5/27/15	KR	[Signature]	N		
5/28/15	KR	[Signature]	N		
5/29/15	KR	[Signature]	N		
6/1/15	KR	[Signature]	N		
6/2/15	KR	[Signature]	N		
6/3/15	KR	[Signature]	N		
6/8/15	KR	[Signature]	N		
6/9/15	KR	[Signature]	N		
6/10/15	KR	[Signature]	N		
6/11/15	KR	[Signature]	N		
6/12/15	JR	[Signature]	N		
6/15/15	KR	[Signature]	N		
6/16/15	KR	[Signature]	N		
6/17/15	KR	[Signature]	N	TAPE	6/17/15
6/18/15	KR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, Inc.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW Powerline - D-01

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Date Completed
4/23/15	JR	<i>[Signature]</i>	Y	4/23/15
4/24/15	JR	<i>[Signature]</i>	Y	4/24/15
5/19/15	JR	<i>[Signature]</i>	N	

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, INC.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW LOWERLINE-D-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed(Y/N)	Method of Repair	Date Repair Completed
4/27/15	KR	[Signature]	N		
4/28/15	DR	[Signature]	N		
4/29/15	KR	[Signature]	N		
4/30/15	KR	[Signature]	Y	Tape	4/30/15
5/5/15	KR	[Signature]	N		
5/6/15	KR	[Signature]	N		
5/7/15	KR	[Signature]	N		
5/8/15	KR	[Signature]	N		
5/11/15	KR	[Signature]	N		
5/12/15	KR	[Signature]	Y	Tape	5/12/15
5/13/15	KR	[Signature]	N		
5/14/15	DR	[Signature]	N		
5/15/15	DR	[Signature]	N		
5/18/15	KR	[Signature]	N		
5/19/15	KR	[Signature]	N		
5/20/15	KR	[Signature]	N		
5/22/15	KR	[Signature]	N		
5/26/15	KR	[Signature]	N		
5/27/15	KR	[Signature]	N		
5/28/15	KR	[Signature]	N		
5/29/15	KR	[Signature]	N		
6/1/15	KR	[Signature]	N		
6/2/15	KR	[Signature]	N		
6/3/15	KR	[Signature]	N		
6/8/15	KR	[Signature]	N		
6/9/15	KR	[Signature]	N		
6/10/15	KR	[Signature]	N		
6/11/15	KR	[Signature]	N		
6/12/15	DR	[Signature]	N		
6/15/15	KR	[Signature]	N		
6/16/15	KR	[Signature]	N		
6/17/15	KR	[Signature]	Y	TAPE	6/17/15
6/18/15	KR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, INC.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80002-A-SP-A

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
5/15/15	KR	[Signature]	N		
5/18/15	KR	[Signature]	N		
5/19/15	KR	[Signature]	N		
5/20/15	DR	[Signature]	N		
5/22/15	KR	[Signature]	Y	TAPE	5/22/15
5/26/15	KR	[Signature]	N		
5/27/15	KR	[Signature]	N		
5/28/15	KR	[Signature]	N		
5/29/15	KR	[Signature]	N		
6/1/15	KR	[Signature]	N		
6/2/15	KR	[Signature]	N		
6/3/15	KR	[Signature]	N		
6/8/15	KR	[Signature]	N		
6/9/15	KR	[Signature]	N		
6/10/15	KR	[Signature]	N		
6/11/15	KR	[Signature]	N		
6/12/15	SR	[Signature]	N		
6/15/15	KR	[Signature]	N		
6/16/15	KR	[Signature]	N		
6/17/15	KR	[Signature]	Y	TAPE	6/17/15
6/18/15	KR	[Signature]	N		
6/19/15	KR	[Signature]	N		
6/22/15	KR	[Signature]	N		
6/23/15	KR	[Signature]	N		
6/29/15	DR	[Signature]	N		
6/30/15	SR	[Signature]	N		
7/1/15	SR	[Signature]	N		
7/2/15	SR	[Signature]	N		
7/7/15	DR	[Signature]	N		
7/8/15	DR	[Signature]	N		
7/9/15	DR	[Signature]	N		
7/10/15	DR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, Inc.
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DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80009-B-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
5/7/15	KR	[Signature]	N		
5/8/15	KR	[Signature]	N		
5/11/15	KR	[Signature]	N		
5/12/15	KR	[Signature]	N		
5/13/15	KR	[Signature]	N		
5/14/15	DR	[Signature]	N		
5/15/15	JR	[Signature]	N		
5/18/15	KR	[Signature]	N		
5/19/15	KR	[Signature]	N		
5/20/15	JR	[Signature]	N		
5/22/15	KR	[Signature]	Y	TAPIC	5/22/15
5/26/15	KR	[Signature]	N		
5/27/15	KR	[Signature]	N		
5/28/15	KR	[Signature]	N		
5/29/15	KR	[Signature]	N		
6/1/15	KR	[Signature]	N		
6/2/15	KR	[Signature]	N		
6/3/15	KR	[Signature]	N		
6/8/15	KR	[Signature]	N		
6/9/15	KR	[Signature]	N		
6/10/15	KR	[Signature]	N		
6/11/15	KR	[Signature]	N		
6/12/15	JR	[Signature]	N		
6/15/15	KR	[Signature]	N		
6/16/15	KR	[Signature]	N		
6/17/15	KR	[Signature]	Y	TAPE	6/17/15
6/18/15	KR	[Signature]	N		
6/19/15	KR	[Signature]	N		
6/22/15	KR	[Signature]	N		
6/23/15	KR	[Signature]	N		
6/29/15	DR	[Signature]	N		
6/30/15	JR	[Signature]	N		
7/1/15	JR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

7/2/15	JR	[Signature]	N
7/7/15	DR	[Signature]	N
7/8/15	DR	[Signature]	N
7/9/15	DR	[Signature]	N
7/10/15	DR	[Signature]	N

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80002-C-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
5/10/15	KR	[Signature]	N		
5/11/15	KR	[Signature]	N		
5/18/15	KR	[Signature]	N		
5/19/15	KR	[Signature]	N		
5/20/15	KR	[Signature]	N		
5/21/15	KR	[Signature]	N		
5/22/15	KR	[Signature]	N		
5/23/15	KR	[Signature]	N		
5/24/15	DR	[Signature]	N		
5/25/15	JR	[Signature]	N		
5/26/15	KR	[Signature]	N		
5/27/15	KR	[Signature]	N		
5/28/15	KR	[Signature]	N		
5/29/15	KR	[Signature]	N		
5/30/15	JR	[Signature]	N		
5/31/15	KR	[Signature]	N		
6/1/15	KR	[Signature]	N		
6/2/15	KR	[Signature]	N		
6/3/15	KR	[Signature]	N		
6/4/15	KR	[Signature]	N		
6/5/15	KR	[Signature]	N		
6/6/15	KR	[Signature]	N		
6/7/15	KR	[Signature]	N		
6/8/15	KR	[Signature]	N		
6/9/15	KR	[Signature]	N		
6/10/15	KR	[Signature]	N		
6/11/15	KR	[Signature]	N		
6/12/15	JR	[Signature]	N		
6/15/15	KR	[Signature]	N		
6/16/15	KR	[Signature]	N		
6/17/15	KR	[Signature]	Y	TAPE	6/17/15
6/18/15	KR	[Signature]	N		
6/19/15	KR	[Signature]	N		
6/20/15	KR	[Signature]	N		
6/22/15	KR	[Signature]	N		
6/23/15	KR	[Signature]	N		
6/24/15	DR	[Signature]	N		
6/25/15	JR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

7/1/15 JR [Signature] N
 7/2/15 JR [Signature] N
 7/7/15 DR [Signature] N
 7/8/15 DR [Signature] N
 7/9/15 DR [Signature] N
 7/10/15 DR [Signature] N



THE SOURCE GROUP, INC.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80002-D-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/19/15	KR	KLR	N		
6/22/15	KR	KLR	N		
6/23/15	KR	KLR	N		
6/29/15	DR	DR	N		
6/30/15	JR	JR	N		
7/1/15	JR	JR	N		
7/2/15	JR	JR	N		
7/7/15	DR	DR	N		
7/8/15	DR	DR	N		
7/9/15	DR	DR	N		
7/10/15	DR	DR	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



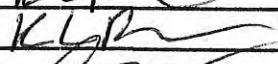

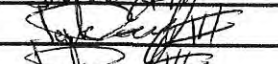

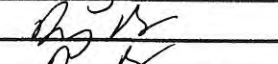
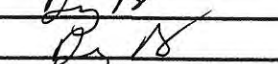
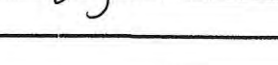





THE SOURCE GROUP, INC.

DFSP Norwalk
 15306 Norwalk Boulevard, Norwalk, CA 90650
 Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80002-E-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/18/15	KR		N		
6/19/15	KR		N		
6/22/15	KR		N		
6/23/15	KR		N		
6/29/15	DR		N		
6/30/15	SR		N		
7/1/15	SR		N		
7/2/15	SR		N		
7/7/15	DR		N		
7/8/15	DR		N		
7/9/15	DR		N		
7/10/15	DR		N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

DFSP Norwalk
15306 Norwalk Boulevard, Norwalk, CA 90650
Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW Powerpile-A-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/19/15	KR	[Signature]	N		
6/22/15	KR	[Signature]	N		
6/29/15	DR	[Signature]	N		
6/30/15	SR	[Signature]	N		
7/1/15	SR	[Signature]	U		
7/2/15	SR	[Signature]	N		
7/7/15	DR	[Signature]	N		
7/8/15	DR	[Signature]	N		
7/9/15	DR	[Signature]	N		
7/10/15	DR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, INC.

DFSP Norwalk
15306 Norwalk Boulevard, Norwalk, CA 90650
Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW Lowentle-B-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/19/15	KR	KLR	N		
6/22/15	KR	KLR	N		
6/29/15	DR	[Signature]	N		
6/30/15	SR	[Signature]	N		
7/1/15	SR	[Signature]	N		
7/2/15	SR	[Signature]	N		
7/7/15	DR	[Signature]	N		
7/8/15	DR	[Signature]	N		
7/9/15	DR	[Signature]	N		
7/10/15	DR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

DFSP Norwalk
 15306 Norwalk Boulevard, Norwalk, CA 90650
 Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW Towerline-C-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/19/15	KR	KLR	N		
6/22/15	KR	KLR	N		
6/23/15	KR	KLR	N		
6/29/15	DR	[Signature]	N		
6/30/15	DR	[Signature]	N		
7/1/15	DR	[Signature]	N		
7/2/15	DR	[Signature]	N		
7/7/15	DR	[Signature]	N		
7/8/15	DR	[Signature]	N		
7/9/15	DR	[Signature]	N		
7/10/15	DR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, INC.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW POWERLINE-D-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/19/15	KR	[Signature]	N		
6/22/15	KR	[Signature]	N		
6/23/15	KR	[Signature]	N		
6/29/15	DR	[Signature]	N		
6/30/15	JR	[Signature]	N		
7/1/15	JR	[Signature]	N		
7/2/15	JR	[Signature]	N		
7/7/15	DR	[Signature]	N		
7/8/15	DR	[Signature]	N		
7/9/15	DR	[Signature]	N		
7/10/15	DR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80009-D-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
4/17/15	KR	[Signature]	N		
4/23/15	DR	[Signature]	N		
4/24/15	KR	[Signature]	N		
4/30/15	KR	[Signature]	N		
5/5/15	KR	[Signature]	N		
5/6/15	KR	[Signature]	N		
5/7/15	KR	[Signature]	N		
5/8/15	KR	[Signature]	N		
5/11/15	KR	[Signature]	N		
5/12/15	KR	[Signature]	N		
5/13/15	KL	[Signature]	N		
5/14/15	DR	[Signature]	N		
5/15/15	JR	[Signature]	N		
5/19/15	KR	[Signature]	N		
5/19/15	KR	[Signature]	N		
5/20/15	JR	[Signature]	N		
5/28/15	KR	[Signature]	Y	TAPE	5/28/15
5/26/15	KR	[Signature]	N		
5/27/15	KR	[Signature]	N		
5/28/15	KR	[Signature]	N		
5/29/15	KR	[Signature]	N		
6/1/15	KR	[Signature]	N		
6/2/15	KR	[Signature]	N		
6/3/15	KR	[Signature]	N		
6/8/15	KR	[Signature]	N		
6/9/15	KR	[Signature]	N		
6/10/15	KR	[Signature]	N		
6/11/15	KR	[Signature]	N		
6/12/15	JR	[Signature]	N		
6/15/15	KR	[Signature]	N		
6/16/15	KR	[Signature]	N		
6/17/15	KR	[Signature]	Y	TAPE	6/17/15
6/18/15	KR	[Signature]	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

6/29/15 OR [Signature] N

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80002-E-SP-1 END 4/29/15

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
4/27/15	KR	[Signature]	N		
4/28/15	DR	[Signature]	N		
4/29/15	KR	[Signature]	N		
4/30/15	KR	[Signature]	YU	TAPE	4/30/15
5/4/15	DR	[Signature]	N		
5/5/15	KR	[Signature]	N		
5/6/15	KR	[Signature]	N		
5/7/15	KR	[Signature]	N		
5/8/15	KR	[Signature]	N		
5/11/15	KR	[Signature]	N		
5/12/15	KRM	[Signature]	N		
5/13/15	KR	[Signature]	N		
5/14/15	DR	[Signature]	N		
5/15/15	JR	[Signature]	Y		
5/18/15	KR	[Signature]	N		
5/19/15	KR	[Signature]	N		
5/20/15	JK	[Signature]	N		
5/22/15	KR	[Signature]	Y	TAPE	5/22/15
5/26/15	EL	[Signature]	N		
5/27/15	KR	[Signature]	N		
5/28/15	KR	[Signature]	N		
5/29/15	KR	[Signature]	N		
6/1/15	KR	[Signature]	N		
6/2/15	KR	[Signature]	N		
6/3/15	KR	[Signature]	N		
6/8/15	KR	[Signature]	N		
6/9/15	EL	[Signature]	N		
6/10/15	KR	[Signature]	N		
6/11/15	KR	[Signature]	N		
6/12/15	SR	[Signature]	N		
6/15/15	KR	[Signature]	N		
6/16/15	KR	[Signature]	N		
6/17/15	KR	[Signature]	Y	TAPE	6/17/15

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

6/29/15 DR [Signature] N



THE SOURCE GROUP, INC.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW Powerline-A-01

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Date Completed
4/24/15	JR	<i>[Signature]</i>	Y	4/24/15

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80000-A-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
5/29/15	KR	KLR	N		
6/1/15	KR	KLR	N		
6/2/15	KR	KLR	N		
6/3/15	KR	KLR	N		
6/4/15	JR	JR	N		
6/8/15	JR	JR	N		
6/9/15	KR	KLR	N		
6/10/15	KR	KLR	N		
6/11/15	KR	KLR	N		
6/22/15	JR	JR	N		
6/15/15	KR	KLR	N		
6/16/15	KR	KLR	N		
6/17/15	KR	KLR	Y	TAPE	6/17/15
6/18/15	KR	KLR	N		
6/19/15	JR	JR	N		
6/22/15	KR	KLR	N		
6/23/15	KR	KLR	N		
6/29/15	DR	DR	N		
6/30/15	JR	JR	N		
7/1/15	JR	JR	N		
7/2/15	JR	JR	N		
7/7/15	DR	DR	N		
7/8/15	DR	DR	N		
7/9/15	DR	DR	N		
7/10/15	DR	DR	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, INC.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80006-B-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/4/15	KR	KLR	N		
6/8/15	KR	KLR	N		
6/9/15	KR	KLR	N		
6/10/15	KR	KLR	N		
6/11/15	KR	KLR	N		
6/12/15	JR	JR	N		
6/15/15	KR	KLR	N		
6/16/15	KR	KLR	N		
6/17/15	KR	KLR	Y	TAPE	6/17/15
6/18/15	KR	KLR	N		
6/19/15	KR	KLR	N		
6/22/15	KR	KLR	N		
6/23/15	KR	KLR	N		
6/29/15	DR	DR	N		
6/30/15	JR	JR	N		
7/1/15	JR	JR	N		
7/2/15	JR	JR	N		
7/7/15	DR	DR	N		
7/8/15	DR	DR	N		
7/9/15	DR	DR	N		
7/10/15	DR	DR	N		

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THE SOURCE GROUP, INC.

DFSP Norwalk

15306 Norwalk Boulevard, Norwalk, CA 90650

Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80006-C-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/10/15	KR	KLR	N		
6/11/15	KR	KLR	N		
6/12/15	JR	John Ryan	N		
6/15/15	KR	KLR	N		
6/16/15	KR	KLR	N		
6/17/15	KR	KLR	N		
6/18/15	KR	KLR	N		
6/19/15	JR	John Ryan	N		
6/22/15	KR	KLR	N		
6/23/15	KR	KLR	N		
6/29/15	DR	Don	N		
6/30/15	JR	John Ryan	N		
7/1/15	JR	John Ryan	N		
7/2/15	JR	John Ryan	N		
7/7/15	DR	Don	N		
7/8/15	DR	Don	N		
7/9/15	DR	Don	N		
7/10/15	DR	Don	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.



THE SOURCE GROUP, INC.

DFSP Norwalk
 15306 Norwalk Boulevard, Norwalk, CA 90650
 Project Number: 04-NDLA-007

TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80006-D-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/12/15	KR	KLR	N		
6/15/15	KR	KLR	N		
6/16/15	KR	KLR	N		
6/17/15	KR	KLR	N		
6/18/15	KR	KLR	N		
6/19/15	KR	KLR	N		
6/22/15	KR	KLR	N		
6/23/15	KR	KLR	N		
6/29/15	DR	[Signature]	N		
6/30/15	JR	[Signature]	N		
7/1/15	JR	[Signature]	N		
7/2/15	JR	[Signature]	N		
7/7/15	DR	[Signature]			
7/8/15	DR	[Signature]			
7/9/15	DR	[Signature]			
7/10/15	DR	[Signature]			

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DFSP Norwalk
 15306 Norwalk Boulevard, Norwalk, CA 90650
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TREATMENT ROW DAILY INSPECTION LOG

TREATMENT ROW 80006-E-SP-1

Date Inspected	Inspected By	Signature	Repairs Needed (Y/N)	Method of Repair	Date Repair Completed
6/17/15	KR	KLR	N		
6/18/15	KR	KLR	N		
6/19/15	KR	KLR	N		
6/22/15	KR	KLR	N		
6/23/15	KR	KLR	N		
6/29/15	DR	DR	N		
6/30/15	KL	KL	N		
7/1/15	KL	KL	N		
7/2/15	KL	KL	N		
7/7/15	DR	DR	N		
7/8/15	DR	DR	N		
7/9/15	DR	DR	N		
7/10/15	DR	DR	N		

*Each treatment pile shall be inspected DAILY for holes and tears. All repairs shall be made immediately.