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May 29, 2007

Mr. Jeffery Hu
Water Resources Control Engineer
California Environmental Protection Agency
California Regional Water Quality Control Board, Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

Re: First Quarter 2007 Groundwater Monitoring
DFSP Norwalk Facility, Norwalk
NPDES No. CAC834001
File No. 90-02

Dear Mr. Hu:

Parsons is pleased to submit results for the first quarterly 2007 groundwater monitoring of wells at the DFSP Norwalk Facility in Norwalk, California (Figure 1). This sampling was conducted in accordance with the site-monitoring program.

Parsons gauged 54 wells for depth to water and the presence of product on March 21, 2007. Five wells, PZ-03, TF-17, TF, 18, TF-20, and TF-24, contained free product ranging from 0.07 to 0.64 feet thick, as summarized in Table 1. Since only select groundwater monitoring wells were used for gauging, a groundwater equipotential map was not generated for this data and will be included in the 2007 First Semiannual Groundwater Monitoring Report.

Following gauging, seven wells, MW-14, GMW-47, GMW-57, GMW-58, GMW-59, GMW-60, and GMW-61, were purged on March 22 and sampled on March 23. Wells GMW-57, GMW-58, GMW-59, GMW-60, and GMW-61 were included per the RWQCB letter dated February 16, 2005. GMW-47 was included based on an earlier request by the RWQCB received on September 13, 2002. MW-14 was included in this effort based on a request by a Restoration Advisory Board (RAB) community member during the January 2006 meeting.

A vacuum truck was used to purge a minimum of three well volumes of water from each well until geochemical parameters became stable. The wells were then each sampled with new disposable sample bailers. All purged groundwater was transferred to the groundwater treatment system. The well purging logs are included in Attachment, Appendix A.

All groundwater samples were labeled, entered onto a chain-of-custody form, and delivered to Calscience Environmental Laboratories, Inc., a State-certified analytical laboratory in Garden Grove, California. Groundwater samples were analyzed using U.S. Environmental Protection Agency (EPA) Method 8015 modified for total petroleum hydrocarbons (TPH) both against a site fuel standard as fuel products (TPHfp) and as gasoline (TPHg). Groundwater samples were also analyzed for volatile organic compounds (VOCs) using EPA Method 8260B, which includes

methyl-t-butyl ether (MTBE). Copies of the laboratory reports and accompanying data validation report are included as Attachment, Appendix B. Table 2 presents a summary of the analytes detected in the sampled wells.

TPHfp was detected in all sampled wells, with GMW-59 indicating the highest concentration in the first quarter event at 15,000 micrograms per liter (µg/L). TPHg was detected in all sampled wells except GMW-47, with GMW-59 indicating the highest concentration at 8,200 µg/L. Benzene was detected in five wells sampled, with the highest concentration present in GMW-61 (1,200 µg/L). GMW-61 also contained the highest concentrations of ethylbenzene, toluene, xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and isopropylbenzene. GMW-60 contained the highest concentrations of sec-butylbenzene and n-propylbenzene and was the only well with detects of naphthalene (93 µg/L) and methylene chloride (26 µg/L). P-isopropyltoluene was only detected in GMW-58 (5.7 µg/L). MW-14 was the only well with detectable concentrations of 1,2-dichloroethane (0.96 µg/L) and tert-butyl alcohol (29 µg/L). MTBE was only detected in MW-14 at a concentration of 3.5 µg/L. This was the fourth consecutive event where MTBE was non-detect in all of the other wells. In general, concentrations seem to indicate a decreasing trend compared to recent results.

The information presented in this letter-report will also be included in the 2007 First Semiannual Groundwater Monitoring Report for the site. If you have any questions, please call me at 602-852-9110.

Sincerely,

PARSONS

Redwan Hassan
Project Manager

Attachments: Figure 1 – Site Location Map

Table 1 – Groundwater Elevation and Product Thickness
Table 2 – Summary of Groundwater Analytical Results

Appendix A – Gauging and Purging Sheets
Appendix B – Laboratory Results and Data Validation Report

Cc: File
Mr. Kola Olowu, DESC-FQ
Mr. Chris Berthaume, DESC-Document Depository
Ms. Mary Jane McIntosh
Ms. Patricia Peterson, DESC-FPA (transmittal only)

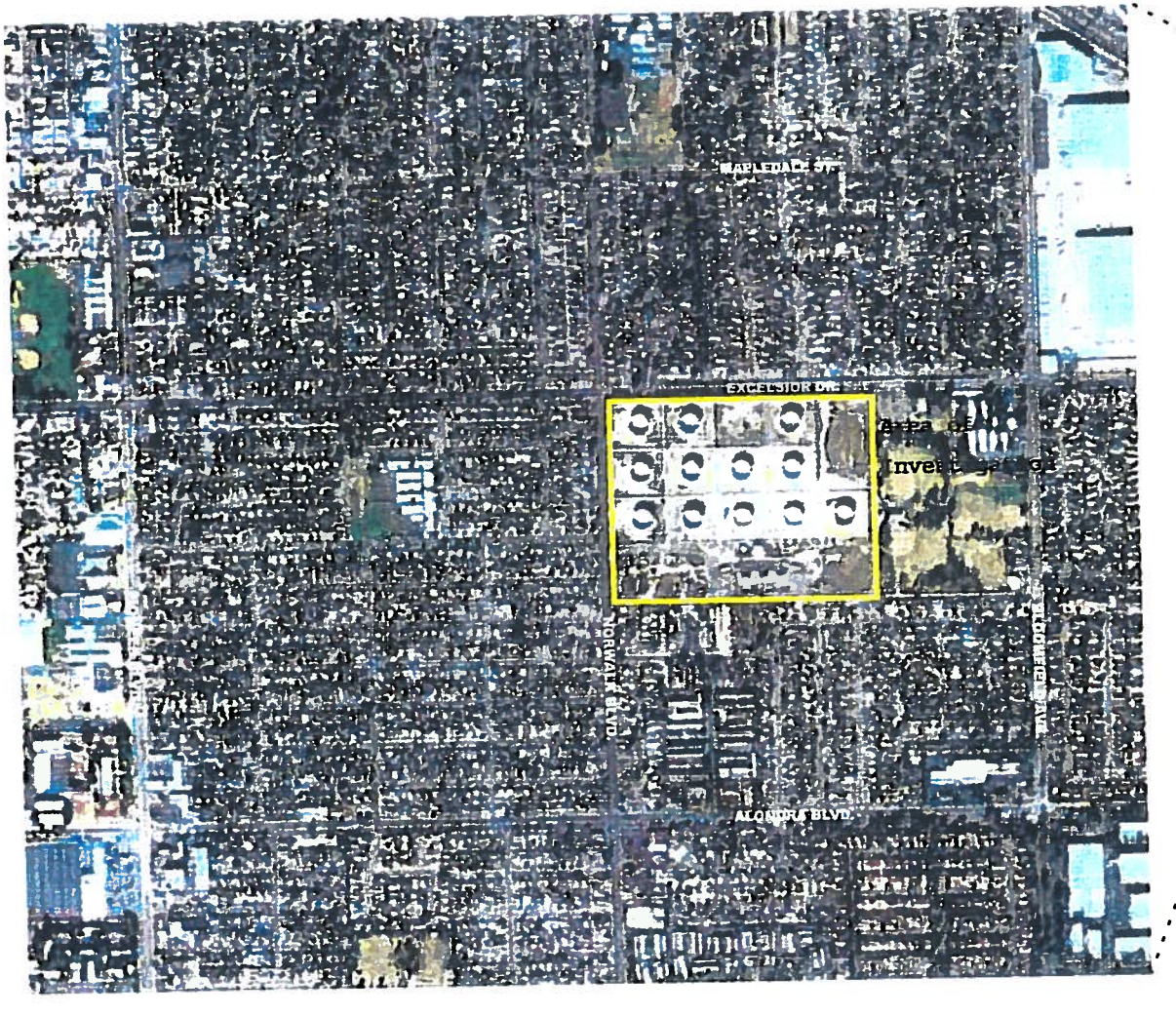

Figure 1

SITE LOCATION MAP

DFSP NORWALK
15306 Norwalk Blvd.
Norwalk, California

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Pasadena, California

k:\depts\dept48\desc\norwalk\Sumeet\Figure 1 Site Location Map.cdr

TABLE 1
GROUNDWATER ELEVATION AND PRODUCT THICKNESSES
MARCH 2007 SENTRY EVENT
Defense Fuel Supply Point Norwalk
Norwalk, CA

Well I.D.	Date	Depth To Product (Feet)[a]	Depth To Water (Feet)[a]	Apparent Product Thickness (Feet)	Casing Elevation (ft msl)[b]	Groundwater Elevation (ft msl)[b]
EXP-01	03/21/2007	--	48.82	--	78.44	29.62
GMW-05	03/21/2007	--	27.91	--	77.61	49.70
GMW-06	03/21/2007	--	28.06	--	77.31	49.25
GMW-07	03/21/2007	--	26.58	--	75.84	49.26
GMW-15	03/21/2007	--	26.38	--	76.21	49.83
GMW-16	03/21/2007	--	27.51	--	77.00	49.49
GMW-17	03/21/2007	--	25.04	--	74.66	49.62
GMW-18	03/21/2007	--	25.18	--	75.36	50.18
GMW-19	03/21/2007	--	27.41	--	76.83	49.42
GMW-32	03/21/2007	--	24.51	--	74.62	50.11
GMW-33	03/21/2007	--	25.61	--	74.88	49.27
GMW-35	03/21/2007	--	26.72	--	76.12	49.40
GMW-45	03/21/2007	--	26.09	--	75.67	49.58
GMW-47	03/21/2007	--	26.30	--	75.98	49.68
GMW-48	03/21/2007	--	24.57	--	75.03	50.46
GMW-50	03/21/2007	--	25.75	--	75.51	49.76
GMW-51	03/21/2007	--	26.12	--	75.93	49.81
GMW-52	03/21/2007	--	25.17	--	75.03	49.86
GMW-53	03/21/2007	--	24.92	--	74.90	49.98
GMW-56	03/21/2007	--	26.85	--	76.52	49.67
GMW-57	03/21/2007	--	26.92	--	76.66	49.74
GMW-58	03/21/2007	--	24.92	--	75.48	50.56
GMW-59	03/21/2007	--	24.26	--	75.28	51.02
GMW-60	03/21/2007	--	26.75	--	76.24	49.49
GMW-61	03/21/2007	--	26.01	--	75.60	49.59
GW-08	03/21/2007	--	27.52	--	76.88	49.36
MW-10	03/21/2007	--	29.71	--	79.12	49.41
MW-13	03/21/2007	--	28.58	--	78.25	49.67
MW-14	03/21/2007	--	29.21	--	78.60	49.39
MW-16	03/21/2007	--	27.15	--	76.87	49.72
MW-17	03/21/2007	--	27.99	--	77.86	49.87
MW-22(MID)	03/21/2007	--	31.49	--	79.57	48.08
MW-23(MID)	03/21/2007	--	30.14	--	79.59	49.45
MW-29	03/21/2007	--	28.72	--	79.13	50.41
PZ-03	03/21/2007	26.05	26.16	0.11	76.17	49.92
PZ-04	03/21/2007	--	26.12	--	76.13	50.01
TF-08	03/21/2007	--	25.52	--	75.60	50.08
TF-09	03/21/2007	--	25.18	--	75.27	50.09
TF-10	03/21/2007	--	24.00	--	74.19	50.19
TF-11	03/21/2007	--	25.26	--	74.95	49.69
TF-13	03/21/2007	--	26.52	--	75.90	49.38
TF-14	03/21/2007	--	25.24	--	74.78	49.54
TF-15	03/21/2007	--	25.18	--	75.40	50.22
TF-16	03/21/2007	--	26.52	--	76.48	49.96
TF-17	03/21/2007	24.67	25.02	0.35	75.26	49.96
TF-18	03/21/2007	23.91	24.02	0.11	73.94	49.83
TF-19	03/21/2007	--	25.96	--	75.61	49.65
TF-20	03/21/2007	25.42	25.49	0.07	75.59	50.04
TF-21	03/21/2007	--	25.51	--	75.60	50.09
TF-22	03/21/2007	--	25.24	--	74.95	49.71
TF-23	03/21/2007	--	25.51	--	75.31	49.80
TF-24	03/21/2007	25.88	26.52	0.64	76.35	49.32
TF-25	03/21/2007	--	26.00	--	74.85	48.85
TF-26	03/21/2007	--	26.84	--	75.85	49.01

[a]Below Top of Casing

[b]Feet above Mean Sea (MSL), based on Los Angeles County Datum, 1980. Groundwater elevation in wells with product is calculated *as follows:Corrected GW elevation = measured GW elevation + (0.8 relative density of jet fuel) * (product thickness)*

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
MARCH 2007 SENTRY EVENT
Defense Fuel Supply Point Norwalk
Norwalk, CA

Well	TPH as Fuel Product	TPH as Gasoline	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,3,5-Trimethylbenzene	Benzene	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Methyl-t-Butyl Ether (MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Tert-Butyl Alcohol (TBA)	Toluene	Xylenes[a]
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-14	3400	670	ND(1)	0.94	ND(1)	ND(0.5)	ND(0.5)	ND(1)	ND(5)	3.5	ND(10)	ND(1)	ND(1)	ND(1)	29	ND(0.5)	ND(0.5)
MW-14 (Dup)	3800	570	1.8	0.96	ND(1)	ND(0.5)	0.64	ND(1)	ND(5)	3.4	ND(10)	ND(1)	ND(1)	ND(1)	29	ND(0.5)	ND(0.5)
GMW-47	420	ND(100)	ND(1)	ND(0.5)	ND(1)	11	ND(0.5)	1.9	ND(5)	ND(0.5)	ND(10)	ND(1)	ND(1)	1	ND(10)	ND(0.5)	ND(0.5)
GMW-57	540	120	ND(1)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	5	ND(5)	ND(0.5)	ND(10)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.5)	ND(0.5)
GMW-58	4100	1700	4.2	ND(1)	ND(2)	350	5.9	45	ND(10)	ND(1)	ND(20)	27	5.7	8	ND(20)	ND(1)	1.5
GMW-59	15000	8200	ND(5)	ND(2.5)	ND(5)	840	ND(2.5)	28	ND(25)	ND(2.5)	ND(50)	27	ND(5)	5.8	ND(50)	ND(2.5)	ND(2.5)
GMW-60	1700	3500	36	ND(2.5)	ND(5)	490	87	66	26	ND(2.5)	93	68	ND(5)	11	ND(50)	ND(2.5)	80
GMW-61	3100	7500	320	ND(5)	80	1200	220	67	ND(50)	ND(5)	ND(100)	63	ND(10)	ND(10)	ND(100)	16	1340
Ttip Blank	NA	NA	ND(1)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(1)	ND(5)	ND(0.5)	ND(10)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.5)	ND(0.5)

NOTES:

All samples were collected on March 23, 2007.

ND(1) = compound not detected at or above the indicated reporting limit

µg/L = micrograms per liter

Dup = duplicate

NA = not analyzed

[a]Xylenes - total of m,p-xylene and o-xylene when detected

Appendix A

Gauging and Purging Sheets

3/21/2007

DFSP NORWALK GWM March 2007

MW_13 : 28.58 DTW
GMW_47 : 26.30 DTW
GMW_57 : 26.92 DTW
GMW_58 : 24.92 DTW
GMW_59 : 24.26 DTW
MW_17 : 27.99 DTW
EXP_1 : 48.82 DTW
GMW_61 : 26.01 DTW
GMW_60 : 26.75 DTW
GMW_50 : 25.75 DTW
GMW_51 : 26.12 DTW
GMW_48 : 24.57 DTW
GMW_56 : 26.85 DTW
GMW_45 : 26.09 DTW
TF_21 : 25.51 DTW Piezometer
GMW_35 : 26.72 DTW
TF_20 : 25.42/25.49 DTP/DTW) Piezometer
GMW_33 : 25.61 DTW
MW_16 : 27.15 DTW
GMW_32 : 24.51 DTW
GMW_52 : 25.17 DTW
GMW_53 : 24.92 DTW
TF_19 : 25.96 DTW Piezometer
MW_29 : 28.72 DTW
TF_18 : 23.91/24.02(DTP/DTW)
TF_17 : 24.67/25.02(DTP/DTW) Piezometer

3/21/2007

DFSP NORWALK GWM March 2007

TF_16 : 26.52 DTW Piezometer
TF_15 : 25.18 DTW Piezometer
TF_14 : 25.24 DTW Piezometer
TF_13 : 26.52 DTW Piezometer
GMW_19 : 27.41 DTW
GMW_07 : 26.58 DTW
TF_11 : 25.26 DTW Piezometer
GMW_17 : 25.04 DTW
TF_09 : 25.18 DTW Piezometer
TF_08 : 25.52 DTW Piezometer
TF_10 : 24.00 DTW Piezometer
PZ_04 : 26.12 DTW
TF_25 : 26.00 DTW Piezometer
PZ_03 : 26.05/26.16 DTP/DTW
GMW_06 : 26.06 DTW
GMW_15 : 26.38 DTW
GMW_05 : 27.91 DTW
GMW_16 : 27.51 DTW
MW23 Mid : 30.14 DTW
GW_08 : 27.52 DTW
MW_10 : 29.91 DTW
TF_26 : 26.84 DTW Piezometer
TF_24 : 25.88/26.52 DTP/DTW
GMW_18 : 25.18 DTW
TF_22 : 25.24 DTW Piezometer
TF_23 : 25.51 DTW
MW_14 : 29.21 DTW
MW_22 Mid : 31.49 DTW

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WELL PURGING LOG

Project Name: DFSP Norwalk
Project Number: 743447
Measured by: DT
Date: 3/22/2007

Well ID: MW-14
Location: Norwalk, CA.
Sample Collected by: DT
Sample No.: MW-14

Equipment
Purging Method/Equipment: Vacuum Truck
Sampling Equipment/IDNo.: Horiba U-10 and Disposable Bailer

Purging Information
Casing Diameter (inches): circle one

2	3	4	4.5	5	6	8	12	other
0.16	0.38	0.66	0.83	1.02	1.5	2.6	5.8	other

Gallons/linear foot

TD: 50 - DTW: 29.21 = 20.79 (Water Column) x Gallons linear ft = 13.7 (1 casing volume) x Casing volumes = 41 Calculated Purge

Actual purge (gals): 50
Date Purged: 3/22/2007 Start (2400 hr): 13:24 End (2400 hr): 13:44
Date Sampled: 3/23/2007 Time (2400 hr): 14:45

Time (2400 hr)	Volume Purged (gals.)	Temp. (deg. C or F)	Electrical Conductivity (uS/cm or mS/cm)	Dissolve Oxygen (mg/L)	Color (Clarity)	Turbidity (NTU)	Odor	pH	Remarks
13:24	1	24.0	1.58	*	clear	0	no	7.72	
13:28	10	23.3	1.58	*	clear	0	no	7.84	
13:32	20	22.9	1.59	*	clear	0	no	7.89	
13:35	30	22.9	1.59	*	clear	1	no	7.90	
13:39	40	22.7	1.59	*	clear	1	no	7.90	
13:44	50	22.8	1.60	*	clear	1	no	7.89	

Comments:
* DO probe inoperable

Completed By: D. TRAN (print name) Signature: [signature]

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WELL PURGING LOG

Project Name: DFSP Norwalk
Project Number: 743447
Measured by: D.T.
Date: 3/22/2007

Well ID: GMW-47
Location: Norwalk, CA.
Sample Collected by: DT
Sample No.: GMW-47-0307

Equipment
Purging Method/Equipment: Vacuum Truck
Sampling Equipment/IDNo.: Horiba U-10 and Disposable Bailer

Purging Information
Casing Diameter (inches): circle one

2	3	(4)	4.5	5	6	8	12	other
0.16	0.38	0.66	0.83	1.02	1.5	2.6	5.8	other

Gallons/linear foot

TD: 50.5 - DTW: 26.30 = 24.2 (Water Column) x Gallons linear ft = 16 (1 casing volume) x Casing volumes = 47.9 Calculated Purge

Actual purge (gals): 50
Date Purged: 3/22/2007 Start (2400 hr): 10:26 End (2400 hr): 10:46
Date Sampled: 3/23/2007 Time (2400 hr): 13:20

Time (2400 hr)	Volume Purged (gals.)	Temp. (deg. C or F)	Electrical Conductivity (uS/cm or mS/cm)	Dissolve Oxygen (mg/L)	Color (Clarity)	Turbidity (NTU)	Odor	pH	Remarks
10:26	1	20.0	1.69	*	clear	8	no	8.24	
10:30	10	20.1	2.20	*	clear	1	no	8.14	
10:35	20	20.5	1.89	*	clear	2	no	8.29	
10:38	30	20.6	1.77	*	clear	3	no	8.18	
10:42	40	20.4	1.70	*	clear	3	no	8.30	
10:46	50	21.0	1.64	*	clear	4	no	8.20	

Comments:
DO probe inoperable

Completed By: D. TRAN (print name) Signature: [signature]

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WELL PURGING LOG

Project Name: DFSP Norwalk
Project Number: 743447
Measured by: DT
Date: 3/22/2009

Well ID: GMW-57
Location: Norwalk, CA.
Sample Collected by: DT
Sample No.: GMW-57-0309

Equipment
Purging Method/Equipment: Vacuum Truck
Sampling Equipment/IDNo.: Horiba U-10 and Disposable Bailer

Purging Information
Casing Diameter (inches): circle one

2	3	4	4.5	5	6	8	12	other
0.16	0.38	0.66	0.83	1.02	1.5	2.6	5.8	other

Gallons/linear foot

TD: 55 - DTW: 26.92 = 28.08 (Water Column) x Gallons linear ft = 18.5 (1 casing volume) x Casing volumes = 55.6 Calculated Purge

Actual purge (gals): 55
Date Purged: 3/22/2009 Start (2400 hr): 10:52 End (2400 hr): 11:16
Date Sampled: 3/23/2009 Time (2400 hr): 13:32

Time (2400 hr)	Volume Purged (gals.)	Temp. (deg. C or F)	Electrical Conductivity (uS/cm or mS/cm)	Dissolve Oxygen (mg/L)	Color (Clarity)	Turbidity (NTU)	Odor	pH	Remarks
10:52	1	20.1	1.59	*	clear	1	no	8.13	
10:56	10	20.3	1.72	*	clear	29	no	8.09	
11:00	20	20.5	1.77	*	clear	2	no	8.16	
11:04	30	20.8	1.82	*	clear	0	no	8.20	
11:08	40	21.0	1.83	*	clear	1	no	8.19	
11:16	55	21.3	1.83	*	clear	1	no	8.18	

Comments:
DO probe inoperable

Completed By: D. TRAN (print name) Signature: [signature]

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WELL PURGING LOG

Project Name: DFSP Norwalk
Project Number: 743447
Measured by: DT
Date: 3/22/2007

Well ID: GMW-58
Location: Norwalk, CA.
Sample Collected by: DT
Sample No.: GMW-58-03017

Equipment
Purging Method/Equipment: Vacuum Truck
Sampling Equipment/IDNo.: Horiba U-10 and Disposable Bailer

Purging Information
Casing Diameter (inches): circle one

2	3	4	4.5	5	6	8	12	other
0.16	0.38	0.66	0.83	1.02	1.5	2.6	5.8	other

Gallons/linear foot

TD: 55 - DTW: 24.92 = 30 (Water Column) x Gallons linear ft = 19.9 (1 casing volume) x Casing volumes = 60 Calculated Purge

Actual purge (gals): 60
Date Purged: 3/22/2007 Start (2400 hr): 11:25 End (2400 hr): 11:50
Date Sampled: 3/23/2007 Time (2400 hr): 13:50

Time (2400 hr)	Volume Purged (gals.)	Temp. (deg. C or F)	Electrical Conductivity (uS/cm or mS/cm)	Dissolve Oxygen (mg/L)	Color (Clarity)	Turbidity (NTU)	Odor	pH	Remarks
11:25	1	20.9	1.36	*	clear	9	(1)	8.23	
11:32	10	20.7	1.49	*	(2)	101	no	8.28	
11:36	20	21.2	1.59	*	clear	18	no	8.15	
11:39	30	21.2	1.64	*	clear	7	no	8.12	
11:43	40	21.4	1.66	*	clear	1	no	8.13	
11:46	50	21.6	1.67	*	clear	0	no	8.06	
11:50	60	21.7	1.67	*	clear	4	no	8.05	

Comments:
* DO probe inoperable
(1) slight product odor
(2) light grey w/ suspended solids

Completed By: V. TRAN (print name) Signature:

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WELL PURGING LOG

Project Name: DFSP Norwalk
Project Number: 743447
Measured by: D.T.
Date: 3/22/2009

Well ID: GMW-59
Location: Norwalk, CA.
Sample Collected by: D.T.
Sample No.: GMW-59-0309

Equipment
Purging Method/Equipment: Vacuum Truck
Sampling Equipment/IDNo.: Horiba U-10 and Disposable Bailer

Purging Information
Casing Diameter (inches): circle one

2	3	4	4.5	5	6	8	12	other
0.16	0.38	0.66	0.83	1.02	1.5	2.6	5.8	other

Gallons/linear foot

TD: 55 - DTW: 24.26 = 30.74 (Water Column) x Gallons/linear ft = 20.29 (1 casing volume) x Casing volumes = 61 Calculated Purge

Actual purge (gals): 60
Date Purged: 3/22/2009 Start (2400 hr): 12:49 End (2400 hr): 13:15
Date Sampled: 3/23/2009 Time (2400 hr): 14:07

Time (2400 hr)	Volume Purged (gals.)	Temp. (deg. C or F)	Electrical Conductivity (uS/cm or mS/cm)	Dissolve Oxygen (mg/L)	Color (Clarity)	Turbidity (NTU)	Odor	pH	Remarks
12:49	1	22.9	1.41	*	clear	10	no	8.35	
12:56	10	21.8	1.32	*	clear	13	no	8.19	
13:00	20	22.1	1.32	*	clear	8	no	8.11	
13:03	30	21.4	1.32	*	clear	6	no	8.12	
13:07	40	21.4	1.34	*	clear	6	no	8.11	
13:11	50	21.5	1.34	*	clear	5	no	8.11	
13:15	60	21.6	1.35	*	clear	5	no	8.09	

Comments:
* DO probe inoperable

Completed By: D. TRAN (print name) Signature: [signature]

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WELL PURGING LOG

Project Name: DFSP Norwalk
Project Number: 743447
Measured by: D.T.
Date: 3/22/2007

Well ID: GMW-60
Location: Norwalk, CA
Sample Collected by: D.T.
Sample No.: GMW-60-0307

Equipment
Purging Method/Equipment: Vacuum Truck
Sampling Equipment/IDNo.: Horiba U-10 and Disposable Bailer

Purging Information
Casing Diameter (inches): circle one

2	3	4	4.5	5	6	8	12	other
0.16	0.38	0.66	0.83	1.02	1.5	2.6	5.8	other

Gallons/linear foot

TD: 50 - DTW: 26.75 = 23.25 (Water Column) x Gallons linear ft = 15.35 (1 casing volume) x Casing volumes = 46 Calculated Purge

Actual purge (gals): 50
Date Purged: 3/22/2007 Start (2400 hr): 09:34 End (2400 hr): 10:19
Date Sampled: 3/23/2007 Time (2400 hr): 13:02

Time (2400 hr)	Volume Purged (gals.)	Temp. (deg. C or F)	Electrical Conductivity (uS/cm or mS/cm)	Dissolve Oxygen (mg/L)	Color (Clarity)	Turbidity (NTU)	Odor	pH	Remarks
09:34	1	17.9	1.76					8.33	*
09:42	1	18.5	1.89	0.32	clear	18	no	9.47	
09:51	10	16.3	1.76	*	clear	28	no	8.90	
10:00	20	18.3	1.82	*	clear	0	no	8.69	
10:06	30	19.4	1.80	*	clear	1	no	8.49	
10:12	40	19.5	1.80	*	clear	1	no	8.39	
10:19	50	19.7	1.80	*	clear	3	no	8.36	

Comments:
* Power error w/ Horiba U-10 (rental). Switched to Parsons' Horiba U-10 - this unit has a bad D.O. probe.

Completed By: D. TRAN (print name) Signature:

PARSONS
100 W. Walnut St.
Pasadena, Ca. 91124

WELL PURGING LOG

Project Name: DFSP Norwalk
Project Number: 743447
Measured by: D.T.
Date: 3/22/2007

Well ID: GMW-61
Location: Norwalk, CA.
Sample Collected by: D.T.
Sample No.: GMW-61-0307

Equipment
Purging Method/Equipment: Vacuum Truck
Sampling Equipment/IDNo.: Horiba U-10 and Disposable Bailer

Purging Information
Casing Diameter (inches): circle one

2	3	4	4.5	5	6	8	12	other
0.16	0.38	0.66	0.83	1.02	1.5	2.6	5.8	other

Gallons/linear foot

TD: 50 - DTW: 26.01 = 23.99 (Water Column) x Gallons linear ft = 15.8 (1 casing volume) x Casing volumes = 47.5 Calculated Purge

Actual purge (gals): 50
Date Purged: 3/22/2007 Start (2400 hr): 08:45 End (2400 hr): 09:23
Date Sampled: 3/23/2007 Time (2400 hr): 12:36

Time (2400 hr)	Volume Purged (gals.)	Temp. (deg. C or F)	Electrical Conductivity (uS/cm or mS/cm)	Dissolve Oxygen (mg/L)	Color (Clarity)	Turbidity (NTU)	Odor	pH	Remarks
08:45	1	19.6	2.41	7.08	clear	*	no	7.91	
08:49	10	18.4	2.36	8.72	clear	*	no	8.20	
08:53	20	19.0	2.10	10.20	clear	*	no	8.23	Hold - Replace battery U-10
09:13	30	20.1	2.05	6.44	clear	*	no	8.22	
09:18	40	19.9	2.05	6.57	clear	*	no	8.26	
09:23	50	20.3	2.04	6.96	clear	*	no	8.25	

Comments:
* Turbidity probe inoperable

Completed By: D. TRAN (print name) Signature: D TRAN

Appendix B

Laboratory Results and Data Validation Report

Calscience
Environmental
Laboratories, Inc.

April 02, 2007

Sumeet Gandhi
Parsons, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Subject: **Calscience Work Order No.:** **07-03-1599**
Client Reference: **DFSP NORWALK / 743447-01000**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/24/2007 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 Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. 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, please do not hesitate to contact the undersigned.

Sincerely,

Ranjit K. G. Clarke

Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_61_0307	07-03-1599-1	03/23/07	Aqueous	GC 22	03/27/07	03/28/07	070327B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	7500	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	200	38-134	2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_60_0307	07-03-1599-2	03/23/07	Aqueous	GC 22	03/27/07	03/28/07	070327B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	3500	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	195	38-134	2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_47_0307	07-03-1599-3	03/23/07	Aqueous	GC 22	03/27/07	03/28/07	070327B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_57_0307	07-03-1599-4	03/23/07	Aqueous	GC 22	03/27/07	03/28/07	070327B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	120	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	99	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_58_0307	**07-03-1599-5**	**03/23/07**	**Aqueous**	**GC 22**	**03/27/07**	**03/28/07**	**070327B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1700	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	164	38-134	2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_59_0307	**07-03-1599-6**	**03/23/07**	**Aqueous**	**GC 22**	**03/27/07**	**03/28/07**	**070327B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	8200	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	152	38-134	2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_14_0307	**07-03-1599-7**	**03/23/07**	**Aqueous**	**GC 22**	**03/27/07**	**03/28/07**	**070327B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	670	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	96	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_14DUP_0307	**07-03-1599-8**	**03/23/07**	**Aqueous**	**GC 22**	**03/27/07**	**03/28/07**	**070327B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	570	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.		Date Received:	03/24/07
100 West Walnut Street		Work Order No:	07-03-1599
Pasadena, CA 91124-0002		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-247-495**	**N/A**	**Aqueous**	**GC 22**	**03/27/07**	**03/27/07**	**070327B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_61_0307	**07-03-1599-1**	**03/23/07**	**Aqueous**	**GC 23**	**03/28/07**	**03/28/07**	**070328B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	3100	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	140	68-140	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_60_0307	**07-03-1599-2**	**03/23/07**	**Aqueous**	**GC 23**	**03/28/07**	**03/28/07**	**070328B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	1700	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	73	68-140	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_47_0307	**07-03-1599-3**	**03/23/07**	**Aqueous**	**GC 23**	**03/28/07**	**03/28/07**	**070328B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	420	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	123	68-140	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_57_0307	**07-03-1599-4**	**03/23/07**	**Aqueous**	**GC 23**	**03/28/07**	**03/28/07**	**070328B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	540	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	129	68-140	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_58_0307	07-03-1599-5	03/23/07	Aqueous	GC 23	03/28/07	03/28/07	070328B01

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	4100	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	134	68-140	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_59_0307	07-03-1599-6	03/23/07	Aqueous	GC 23	03/28/07	03/30/07	070328B01

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	15000	500	5		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	75	68-140	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_14_0307	07-03-1599-7	03/23/07	Aqueous	GC 23	03/28/07	03/28/07	070328B01

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	3400	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	133	68-140	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_14DUP_0307	07-03-1599-8	03/23/07	Aqueous	GC 23	03/28/07	03/28/07	070328B01

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	3800	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	77	68-140	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-382-5**	**N/A**	**Aqueous**	**GC 23**	**03/28/07**	**03/28/07**	**070328B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	ND	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	101	68-140	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.
100 West Walnut Street
Pasadena, CA 91124-0002

Date Received: 03/24/07
Work Order No: 07-03-1599
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_61_0307	07-03-1599-1	03/23/07	Aqueous	GC/MS FF	03/30/07	03/30/07	070330L01

Parameter	Result	RL	DF	Qual
Acetone	ND	500	10	
Benzene	1200	5.0	10	
Bromobenzene	ND	10	10	
Bromochloromethane	ND	10	10	
Bromodichloromethane	ND	10	10	
Bromoform	ND	10	10	
Bromomethane	ND	50	10	
2-Butanone	ND	100	10	
n-Butylbenzene	ND	10	10	
sec-Butylbenzene	ND	10	10	
tert-Butylbenzene	ND	10	10	
Carbon Disulfide	ND	100	10	
Carbon Tetrachloride	ND	5.0	10	
Chlorobenzene	ND	10	10	
Chloroethane	ND	10	10	
Chloroform	ND	10	10	
Chloromethane	ND	50	10	
2-Chlorotoluene	ND	10	10	
4-Chlorotoluene	ND	10	10	
Dibromochloromethane	ND	10	10	
1,2-Dibromo-3-Chloropropane	ND	50	10	
1,2-Dibromoethane	ND	10	10	
Dibromomethane	ND	10	10	
1,2-Dichlorobenzene	ND	10	10	
1,3-Dichlorobenzene	ND	10	10	
1,4-Dichlorobenzene	ND	10	10	
Dichlorodifluoromethane	ND	10	10	
1,1-Dichloroethane	ND	10	10	
1,2-Dichloroethane	ND	5.0	10	
1,1-Dichloroethene	ND	10	10	
c-1,2-Dichloroethene	ND	10	10	
t-1,2-Dichloroethene	ND	10	10	
1,2-Dichloropropane	ND	10	10	
1,3-Dichloropropane	ND	10	10	
2,2-Dichloropropane	ND	10	10	
1,1-Dichloropropene	ND	10	10	

Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	74-140	
Toluene-d8	105	88-112	

Parameter	Result	RL	DF	Qual
c-1,3-Dichloropropene	ND	5.0	10	
t-1,3-Dichloropropene	ND	5.0	10	
Ethylbenzene	220	5.0	10	
2-Hexanone	ND	100	10	
Isopropylbenzene	67	10	10	
p-Isopropyltoluene	ND	10	10	
Methylene Chloride	ND	50	10	
4-Methyl-2-Pentanone	ND	100	10	
Naphthalene	ND	100	10	
n-Propylbenzene	63	10	10	
Styrene	ND	10	10	
1,1,1,2-Tetrachloroethane	ND	10	10	
1,1,2,2-Tetrachloroethane	ND	10	10	
Tetrachloroethene	ND	10	10	
Toluene	16	5.0	10	
1,2,3-Trichlorobenzene	ND	10	10	
1,2,4-Trichlorobenzene	ND	10	10	
1,1,1-Trichloroethane	ND	10	10	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	100	10	
1,1,2-Trichloroethane	ND	10	10	
Trichloroethene	ND	10	10	
Trichlorofluoromethane	ND	100	10	
1,2,3-Trichloropropane	ND	50	10	
1,2,4-Trimethylbenzene	320	10	10	
1,3,5-Trimethylbenzene	80	10	10	
Vinyl Acetate	ND	100	10	
Vinyl Chloride	ND	5.0	10	
p/m-Xylene	1100	5.0	10	
o-Xylene	240	5.0	10	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	10	
Tert-Butyl Alcohol (TBA)	ND	100	10	
Diisopropyl Ether (DIPE)	ND	20	10	
Ethyl-t-Butyl Ether (ETBE)	ND	20	10	
Tert-Amyl-Methyl Ether (TAME)	ND	20	10	
Ethanol	ND	1000	10	

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dichloroethane-d4	106	74-146	
1,4-Bromofluorobenzene	101	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_60_0307	07-03-1599-2	03/23/07	Aqueous	GC/MS FF	03/30/07	03/30/07	070330L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	250	5		c-1,3-Dichloropropene	ND	2.5	5	
Benzene	490	2.5	5		t-1,3-Dichloropropene	ND	2.5	5	
Bromobenzene	ND	5.0	5		Ethylbenzene	87	2.5	5	
Bromochloromethane	ND	5.0	5		2-Hexanone	ND	50	5	
Bromodichloromethane	ND	5.0	5		Isopropylbenzene	66	5.0	5	
Bromoform	ND	5.0	5		p-Isopropyltoluene	ND	5.0	5	
Bromomethane	ND	25	5		Methylene Chloride	26	25	5	
2-Butanone	ND	50	5		4-Methyl-2-Pentanone	ND	50	5	
n-Butylbenzene	ND	5.0	5		Naphthalene	93	50	5	
sec-Butylbenzene	11	5.0	5		n-Propylbenzene	68	5.0	5	
tert-Butylbenzene	ND	5.0	5		Styrene	ND	5.0	5	
Carbon Disulfide	ND	50	5		1,1,1,2-Tetrachloroethane	ND	5.0	5	
Carbon Tetrachloride	ND	2.5	5		1,1,2,2-Tetrachloroethane	ND	5.0	5	
Chlorobenzene	ND	5.0	5		Tetrachloroethene	ND	5.0	5	
Chloroethane	ND	5.0	5		Toluene	ND	2.5	5	
Chloroform	ND	5.0	5		1,2,3-Trichlorobenzene	ND	5.0	5	
Chloromethane	ND	25	5		1,2,4-Trichlorobenzene	ND	5.0	5	
2-Chlorotoluene	ND	5.0	5		1,1,1-Trichloroethane	ND	5.0	5	
4-Chlorotoluene	ND	5.0	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	5	
Dibromochloromethane	ND	5.0	5		1,1,2-Trichloroethane	ND	5.0	5	
1,2-Dibromo-3-Chloropropane	ND	25	5		Trichloroethene	ND	5.0	5	
1,2-Dibromoethane	ND	5.0	5		Trichlorofluoromethane	ND	50	5	
Dibromomethane	ND	5.0	5		1,2,3-Trichloropropane	ND	25	5	
1,2-Dichlorobenzene	ND	5.0	5		1,2,4-Trimethylbenzene	36	5.0	5	
1,3-Dichlorobenzene	ND	5.0	5		1,3,5-Trimethylbenzene	ND	5.0	5	
1,4-Dichlorobenzene	ND	5.0	5		Vinyl Acetate	ND	50	5	
Dichlorodifluoromethane	ND	5.0	5		Vinyl Chloride	ND	2.5	5	
1,1-Dichloroethane	ND	5.0	5		p/m-Xylene	43	2.5	5	
1,2-Dichloroethane	ND	2.5	5		o-Xylene	37	2.5	5	
1,1-Dichloroethene	ND	5.0	5		Methyl-t-Butyl Ether (MTBE)	ND	2.5	5	
c-1,2-Dichloroethene	ND	5.0	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
t-1,2-Dichloroethene	ND	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
1,2-Dichloropropane	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
1,3-Dichloropropane	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
2,2-Dichloropropane	ND	5.0	5		Ethanol	ND	500	5	
1,1-Dichloropropene	ND	5.0	5						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	105	88-112			1,4-Bromofluorobenzene	101	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_47_0307	07-03-1599-3	03/23/07	Aqueous	GC/MS FF	03/29/07	03/29/07	070329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	11	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	1.9	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	ND	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	1.0	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	104	74-146	
Toluene-d8	105	88-112		1,4-Bromofluorobenzene	104	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Quatifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_57_0307	07-03-1599-4	03/23/07	Aqueous	GC/MS FF	03/29/07	03/29/07	070329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	5.0	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	ND	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	106	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	101	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_58_0307	07-03-1599-5	03/23/07	Aqueous	GC/MS FF	03/30/07	03/30/07	070330L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	100	2		c-1,3-Dichloropropene	ND	1.0	2	
Benzene	350	1.0	2		t-1,3-Dichloropropene	ND	1.0	2	
Bromobenzene	ND	2.0	2		Ethylbenzene	5.9	1.0	2	
Bromochloromethane	ND	2.0	2		2-Hexanone	ND	20	2	
Bromodichloromethane	ND	2.0	2		Isopropylbenzene	45	2.0	2	
Bromoform	ND	2.0	2		p-Isopropyltoluene	5.7	2.0	2	
Bromomethane	ND	10	2		Methylene Chloride	ND	10	2	
2-Butanone	ND	20	2		4-Methyl-2-Pentanone	ND	20	2	
n-Butylbenzene	ND	2.0	2		Naphthalene	ND	20	2	
sec-Butylbenzene	8.0	2.0	2		n-Propylbenzene	27	2.0	2	
tert-Butylbenzene	ND	2.0	2		Styrene	ND	2.0	2	
Carbon Disulfide	ND	20	2		1,1,1,2-Tetrachloroethane	ND	2.0	2	
Carbon Tetrachloride	ND	1.0	2		1,1,2,2-Tetrachloroethane	ND	2.0	2	
Chlorobenzene	ND	2.0	2		Tetrachloroethene	ND	2.0	2	
Chloroethane	ND	2.0	2		Toluene	ND	1.0	2	
Chloroform	ND	2.0	2		1,2,3-Trichlorobenzene	ND	2.0	2	
Chloromethane	ND	10	2		1,2,4-Trichlorobenzene	ND	2.0	2	
2-Chlorotoluene	ND	2.0	2		1,1,1-Trichloroethane	ND	2.0	2	
4-Chlorotoluene	ND	2.0	2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20	2	
Dibromochloromethane	ND	2.0	2		1,1,2-Trichloroethane	ND	2.0	2	
1,2-Dibromo-3-Chloropropane	ND	10	2		Trichloroethene	ND	2.0	2	
1,2-Dibromoethane	ND	2.0	2		Trichlorofluoromethane	ND	20	2	
Dibromomethane	ND	2.0	2		1,2,3-Trichloropropane	ND	10	2	
1,2-Dichlorobenzene	ND	2.0	2		1,2,4-Trimethylbenzene	4.2	2.0	2	
1,3-Dichlorobenzene	ND	2.0	2		1,3,5-Trimethylbenzene	ND	2.0	2	
1,4-Dichlorobenzene	ND	2.0	2		Vinyl Acetate	ND	20	2	
Dichlorodifluoromethane	ND	2.0	2		Vinyl Chloride	ND	1.0	2	
1,1-Dichloroethane	ND	2.0	2		p/m-Xylene	1.5	1.0	2	
1,2-Dichloroethane	ND	1.0	2		o-Xylene	ND	1.0	2	
1,1-Dichloroethene	ND	2.0	2		Methyl-t-Butyl Ether (MTBE)	ND	1.0	2	
c-1,2-Dichloroethene	ND	2.0	2		Tert-Butyl Alcohol (TBA)	ND	20	2	
t-1,2-Dichloroethene	ND	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
1,2-Dichloropropane	ND	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
1,3-Dichloropropane	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
2,2-Dichloropropane	ND	2.0	2		Ethanol	ND	200	2	
1,1-Dichloropropene	ND	2.0	2						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	100	74-140			1,2-Dichloroethane-d4	101	74-146		
Toluene-d8	104	88-112			1,4-Bromofluorobenzene	100	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_59_0307	07-03-1599-6	03/23/07	Aqueous	GC/MS FF	03/29/07	03/29/07	070329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	250	5		c-1,3-Dichloropropene	ND	2.5	5	
Benzene	840	2.5	5		t-1,3-Dichloropropene	ND	2.5	5	
Bromobenzene	ND	5.0	5		Ethylbenzene	ND	2.5	5	
Bromochloromethane	ND	5.0	5		2-Hexanone	ND	50	5	
Bromodichloromethane	ND	5.0	5		Isopropylbenzene	28	5.0	5	
Bromoform	ND	5.0	5		p-Isopropyltoluene	ND	5.0	5	
Bromomethane	ND	25	5		Methylene Chloride	ND	25	5	
2-Butanone	ND	50	5		4-Methyl-2-Pentanone	ND	50	5	
n-Butylbenzene	ND	5.0	5		Naphthalene	ND	50	5	
sec-Butylbenzene	5.8	5.0	5		n-Propylbenzene	27	5.0	5	
tert-Butylbenzene	ND	5.0	5		Styrene	ND	5.0	5	
Carbon Disulfide	ND	50	5		1,1,1,2-Tetrachloroethane	ND	5.0	5	
Carbon Tetrachloride	ND	2.5	5		1,1,2,2-Tetrachloroethane	ND	5.0	5	
Chlorobenzene	ND	5.0	5		Tetrachloroethene	ND	5.0	5	
Chloroethane	ND	5.0	5		Toluene	ND	2.5	5	
Chloroform	ND	5.0	5		1,2,3-Trichlorobenzene	ND	5.0	5	
Chloromethane	ND	25	5		1,2,4-Trichlorobenzene	ND	5.0	5	
2-Chlorotoluene	ND	5.0	5		1,1,1-Trichloroethane	ND	5.0	5	
4-Chlorotoluene	ND	5.0	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	5	
Dibromochloromethane	ND	5.0	5		1,1,2-Trichloroethane	ND	5.0	5	
1,2-Dibromo-3-Chloropropane	ND	25	5		Trichloroethene	ND	5.0	5	
1,2-Dibromoethane	ND	5.0	5		Trichlorofluoromethane	ND	50	5	
Dibromomethane	ND	5.0	5		1,2,3-Trichloropropane	ND	25	5	
1,2-Dichlorobenzene	ND	5.0	5		1,2,4-Trimethylbenzene	ND	5.0	5	
1,3-Dichlorobenzene	ND	5.0	5		1,3,5-Trimethylbenzene	ND	5.0	5	
1,4-Dichlorobenzene	ND	5.0	5		Vinyl Acetate	ND	50	5	
Dichlorodifluoromethane	ND	5.0	5		Vinyl Chloride	ND	2.5	5	
1,1-Dichloroethane	ND	5.0	5		p/m-Xylene	ND	2.5	5	
1,2-Dichloroethane	ND	2.5	5		o-Xylene	ND	2.5	5	
1,1-Dichloroethene	ND	5.0	5		Methyl-t-Butyl Ether (MTBE)	ND	2.5	5	
c-1,2-Dichloroethene	ND	5.0	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
t-1,2-Dichloroethene	ND	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
1,2-Dichloropropane	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
1,3-Dichloropropane	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
2,2-Dichloropropane	ND	5.0	5		Ethanol	ND	500	5	
1,1-Dichloropropene	ND	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	106	74-146	
Toluene-d8	106	88-112		1,4-Bromofluorobenzene	100	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW 14 0307	07-03-1599-7	03/23/07	Aqueous	GC/MS FF	03/29/07	03/29/07	070329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	ND	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	0.94	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	3.5	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	29	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	105	88-112		1,4-Bromofluorobenzene	100	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
GMW_14DUP_0307	07-03-1599-8	03/23/07	Aqueous	GC/MS FF	03/29/07	03/29/07	070329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	0.64	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	ND	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	1.8	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	0.96	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	3.4	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	29	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	106	74-146	
Toluene-d8	105	88-112		1,4-Bromofluorobenzene	100	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
TRIP BLANK	07-03-1599-9	03/23/07	Aqueous	GC/MS FF	03/29/07	03/29/07	070329L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	ND	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	103	88-112			1,4-Bromofluorobenzene	100	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-20,813**	**N/A**	**Aqueous**	**GC/MS FF**	**03/29/07**	**03/29/07**	**070329L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	74-140		1,2-Dichloroethane-d4	101	74-146	
Toluene-d8	105	88-112		1,4-Bromofluorobenzene	101	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: DFSP NORWALK / 743447-01000

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-10-006-20,822	N/A	Aqueous	GC/MS FF	03/30/07	03/30/07	070330L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	105	88-112		1,4-Bromofluorobenzene	100	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Parsons, Inc.		Date Received:	03/24/07
100 West Walnut Street		Work Order No:	07-03-1599
Pasadena, CA 91124-0002		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project DFSP NORWALK / 743447-01000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-03-1617-1	Aqueous	GC 22	03/27/07	03/27/07	070327S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	105	102	68-122	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project DFSP NORWALK / 743447-01000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GMW_47_0307	Aqueous	GC/MS FF	03/29/07	03/29/07	070329S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	100	88-118	1	0-7	
Carbon Tetrachloride	110	111	67-145	0	0-11	
Chlorobenzene	100	100	88-118	1	0-7	
1,2-Dichlorobenzene	96	97	86-116	1	0-8	
1,1-Dichloroethene	106	104	70-130	2	0-25	
Toluene	99	101	87-123	2	0-8	
Trichloroethene	101	99	79-127	2	0-10	
Vinyl Chloride	106	100	69-129	5	0-13	
Methyl-t-Butyl Ether (MTBE)	107	103	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	115	104	36-168	11	0-45	
Diisopropyl Ether (DIPE)	104	102	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	106	102	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	101	72-126	3	0-12	
Ethanol	102	89	53-149	13	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Parsons, Inc.	Date Received:	03/24/07
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project DFSP NORWALK / 743447-01000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-03-1945-1	Aqueous	GC/MS FF	03/30/07	03/30/07	070330S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	101	88-118	0	0-7	
Carbon Tetrachloride	109	107	67-145	2	0-11	
Chlorobenzene	101	100	88-118	0	0-7	
1,2-Dichlorobenzene	97	97	86-116	1	0-8	
1,1-Dichloroethene	103	101	70-130	3	0-25	
Toluene	101	102	87-123	0	0-8	
Trichloroethene	99	99	79-127	0	0-10	
Vinyl Chloride	103	97	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	98	95	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	95	92	36-168	4	0-45	
Diisopropyl Ether (DIPE)	102	100	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	98	72-126	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	99	98	72-126	1	0-12	
Ethanol	85	85	53-149	0	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Parsons, Inc.	Date Received:	N/A
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: DFSP NORWALK / 743447-01000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-247-495	Aqueous	GC 22	03/27/07	03/27/07	070327B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	108	106	78-120	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Parsons, Inc.	Date Received:	N/A
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)

Project: DFSP NORWALK / 743447-01000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-382-5	Aqueous	GC 23	03/28/07	03/28/07	070328B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Fuel Product	92	91	75-117	1	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Parsons, Inc.		Date Received:	N/A
100 West Walnut Street		Work Order No:	07-03-1599
Pasadena, CA 91124-0002		Preparation:	EPA 5030B
		Method:	EPA 8260B

Project: DFSP NORWALK / 743447-01000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,813	Aqueous	GC/MS FF	03/29/07	03/29/07	070329L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	100	84-120	1	0-8	
Carbon Tetrachloride	104	106	63-147	2	0-10	
Chlorobenzene	101	101	89-119	0	0-7	
1,2-Dichlorobenzene	98	99	89-119	1	0-9	
1,1-Dichloroethene	101	100	77-125	1	0-16	
Toluene	100	102	83-125	2	0-9	
Trichloroethene	97	99	89-119	2	0-8	
Vinyl Chloride	98	98	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	98	99	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	93	98	46-154	6	0-32	
Diisopropyl Ether (DIPE)	100	100	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	99	100	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	101	76-124	1	0-10	
Ethanol	87	93	60-138	8	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Parsons, Inc.	Date Received:	N/A
100 West Walnut Street	Work Order No:	07-03-1599
Pasadena, CA 91124-0002	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: DFSP NORWALK / 743447-01000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-20,822	Aqueous	GC/MS FF	03/30/07	03/30/07	070330L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	97	84-120	4	0-8	
Carbon Tetrachloride	117	108	63-147	8	0-10	
Chlorobenzene	100	99	89-119	2	0-7	
1,2-Dichlorobenzene	97	95	89-119	2	0-9	
1,1-Dichloroethene	107	100	77-125	7	0-16	
Toluene	99	98	83-125	0	0-9	
Trichloroethene	101	97	89-119	4	0-8	
Vinyl Chloride	106	102	63-135	5	0-13	
Methyl-t-Butyl Ether (MTBE)	109	99	82-118	10	0-13	
Tert-Butyl Alcohol (TBA)	111	98	46-154	12	0-32	
Diisopropyl Ether (DIPE)	107	101	81-123	6	0-11	
Ethyl-t-Butyl Ether (ETBE)	107	101	74-122	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	99	76-124	5	0-10	
Ethanol	100	87	60-138	13	0-32	

RPD - Relative Percent Difference , CL - Control Limit

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

GTD. SL204 DM2394

CHAIN OF CUSTODY RECORD

Date 3/24/2007

Page 1 of 1

LABORATORY CLIENT: PARSONS	CLIENT PROJECT NAME / NUMBER: DFSP NORWALK / 743447-01000
ADDRESS: 100 W. WALNUT ST.	PROJECT CONTACT: SUMEET GANDHI
CITY: PASADENA STATE: CA ZIP: 91124	SAMPLER(S): (PRINT) JJMN.
TEL: (626) 440 2434 E-MAIL: SUMEET.GANDHI@PARSONS.COM	COELT LOG CODE: ☐☐☐☐
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS	P.O. NO.: LAB USE ONLY 03-1599 COOLER RECEIPT TEMP: °C
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐	
SPECIAL INSTRUCTIONS:	

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)				
	GMW-61-0307		3/23	12:36	WG	7	X	X			X												
	GMW-60-0307		3/23	13:02	WG	7	X	X			X												
	GMW-47-0307		3/23	13:20	WG	7	X	X			X												
	GMW-57-0307		3/23	13:32	WG	7	X	X			X												
	GMW-58-0307		3/23	13:50	WG	7	X	X			X												
	GMW-59-0307		3/23	14:07	WG	7	X	X			X												
	MW-14-0307		3/23	14:45	WG	7	X	X			X												
	MW14DUP-0307		3/23	14:49	WG	7	X	X			X												
	TRIP BLANK				WQ	2					X												

Relinquished by: (Signature) JJMN	Received by: (Signature/Affiliation) CC2	Date: 3/24/2007	Time: 1635
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

05/10/06 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 03 - 1599

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Parson DATE: 3/24/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.0 °C IR thermometer.
_____ Ambient temperature.

Initial: HT

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: HT

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: HT

COMMENTS:

Laboratory Data Validation Report

Eight groundwater samples (including one field duplicate) and one trip blank were collected on March 23, 2007 for the DFSP Norwalk Groundwater Monitoring Project. Samples were submitted to Calscience Environmental Laboratories, Inc., Garden Grove, California for the following tests:

(1) TPH as Gasoline (EPA 8015M)
(2) TPH as Fuel Product (EPA 8015M), and
(3) VOCs including oxygenates (EPA 8260B).

Results for these samples are summarized in Calscience Report Number **07-03-1599**. The validation process included review of the following data as provided by the laboratory.

- Holding Times
- Method and Trip Blanks
- System Monitoring Compounds: Surrogate compounds for organic tests by GC and GC/MS
- Matrix Spike/Matrix Spike Duplicate
- Reporting Limits
- Field Duplicate Samples
- Laboratory Control Samples
- Data Anomalies, and
- Case Narrative, if necessary.

1.0 HOLDING TIMES

All analyses were performed within the required holding time. Sample cooler temperatures were recorded as 3°C upon receipt at the laboratory which is within the 4 ± 2 °C required temperature range.

2.0 METHOD AND TRIP BLANKS

Target compounds were not detected in any trip or method blanks associated with project samples.

3.0 SYSTEM MONITORING COMPOUNDS

Surrogate recoveries were within in-house generated acceptance limits for all analyses with the exception of high recovery of 1,4-bromofluorobenzene in the TPH as gasoline analyses of GMW-61 (200%), GMW-60 (195%), GMW-58 (164%), and GMW-59 (152%) due to matrix interference. Gasoline results for these samples will be qualified as estimates ("J" flag) and may be biased high.

4.0 MATRIX SPIKE (MS)/MATRIX SPIKE DUPLICATE (MSD)

MS/MSD analyses were performed with each analytical batch with the exception of TPH as Fuel Products batch 070328B01. This batch was reviewed and found acceptable based

on results of LCS/LCSD pair analyses. MS/MSD results were within the acceptance criteria, when reported.

5.0 REPORTING LIMITS

Reporting limits (RLs) were generally acceptable based on suggested reporting limits from EPA protocols and SW-846 guidelines.

6.0 FIELD DUPLICATE SAMPLES

One field duplicate, MW-14 Dup was collected during this sampling event. Acceptable precision was observed between all primary and field duplicate sample results.

7.0 LABORATORY CONTROL SAMPLES

LCS/LCSD pairs were analyzed with all analytical batches. The results of all LCS/LCSD pairs indicate acceptable precision and accuracy.

8.0 DATA ANOMALIES

The follow project samples were diluted for VOC (method 8260B) analysis resulting in reporting of several target compounds as non-detect at elevated reporting limits (lowest dilution in noted in parenthesis next to the sample name): GMW-61 (10x), GMW-60 (5x), GMW-58 (2x), and GMW-59 (5x).

9.0 CASE NARRATIVES: COMMENTS ON SPECIAL ISSUES

There were no special issues encountered during analysis of samples collected during this monitoring event.