



SFPP, L.P.
Operating Partnership

November 14, 2011

California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

Re: Effluent Monitoring Report
July through September 2011
SFPP, L.P.
15306 Norwalk Boulevard, Norwalk, California
(NPDES No. CA0063509, CI No. 7497)

Attention: Information Technology Unit

In reference to the subject National Pollutant Discharge Elimination System (NPDES) permit, please find enclosed the third calendar quarter 2011 self-monitoring report for the subject discharge.

I certify 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 on my inquiry of the person or persons 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 fine and imprisonment for knowing violations.

Executed on the 14th day of November 2011.
at 4:40 p.m.

A handwritten signature in blue ink, appearing to read 'Stephen Defibaugh', is written over a horizontal line.

_____ (signature)

Stephen T. Defibaugh (printed name)

Remediation Project Manager (title)



CH2M HILL
1000 Wilshire Blvd.
21st Floor
Los Angeles, CA 90017
Tel 213.538.1388
Fax 213.538.1399

November 15, 2011

420932.A1.05

Mr. Stephen Defibaugh
Kinder Morgan Energy Partners, L.P.
1100 Town and Country Road
Orange, California 92868

Subject: Effluent Monitoring Report, July 1 to September 30, 2011 (Third Quarter 2011)
SFPP Norwalk Pump Station, 15306 Norwalk Boulevard, Norwalk, California
(NPDES No. CA0063509, CI No. 7497)

Dear Mr. Defibaugh:

This report has been prepared by CH2M HILL, on behalf of SFPP, L.P. (SFPP), an operating partnership of Kinder Morgan Energy Partners, L.P. (KMEP), to summarize National Pollutant Discharge Elimination System (NPDES) monitoring related to the discharge of treated groundwater from SFPP's product recovery and groundwater extraction (GWE) system. This system is installed at the SFPP Norwalk Pump Station located within the Defense Fuel Support Point Norwalk, at 15306 Norwalk Boulevard, Norwalk, California (the site).

This is the first quarterly effluent monitoring report to be prepared under new Order No. R4-2011-0095 and Time Schedule Order No. R4-2011-0096, which were adopted at a public hearing on June 2, 2011. The monitoring program for Order No. R4-2011-0095, which became effective on July 2, 2011, was implemented for the third quarter 2011 period. Order No. R4-2011-0095 replaces prior Order No. R4-2005-0072.

SFPP performed certain operations, maintenance, and monitoring tasks on the product recovery and GWE systems. SFPP retained CH2M HILL to prepare this report based on the NPDES monitoring performed by SFPP. This report describes NPDES monitoring activities during the period of July 1 through September 30, 2011.

Remediation System

The remediation system at the site consists of soil vapor extraction (SVE) and extraction of free product and/or groundwater (total fluids extraction [TFE]) for product recovery, GWE for hydraulic control, and treatment of extracted soil vapors and groundwater. SVE is performed using a blower to remove soil vapors at a rate of up to 2,500 standard cubic feet per minute (scfm) from up to 32 SVE wells. The extracted vapors are conveyed to a

knockout tank that separates entrained moisture from the soil vapors. Soil vapors are then treated in a catalytic oxidizer prior to emission to the atmosphere. Operation of the SVE and treatment system is conducted in accordance with Permit to Operate No. F13759 issued by the South Coast Air Quality Management District.

The free product and GWE portion of the system currently consists of 18 TFE wells with top-loading pumps and two GWE wells with bottom-loading pumps that are located in the south-central part of the site, and three TFE wells that are located in the southeastern part of the site. The West Side Barrier (WSB) GWE system was shut down in August 2008 based on the reduced lateral extent and low concentrations of volatile organic compounds (VOCs) west of the site.

Free product and groundwater recovered by pneumatically operated top-loading total fluids pumps and bottom-loading groundwater pumps in the south-central and southeastern parts of the site along with the liquid condensate from the knockout tank are piped to an oil-water separator (OWS). Free product, if any, from the OWS is collected in a storage tank and recycled at an offsite location. Water from the OWS is treated using liquid-phase granular activated carbon (LGAC). Treated water is routed through an onsite 8,000-gallon equalization tank. Two fluidized bed bioreactors (FBBRs) installed downstream of the equalization tank treat fuel oxygenates such as tertiary butyl alcohol (TBA) and methyl tertiary butyl ether (MTBE). The treated groundwater then passes through polishing LGAC units prior to discharge in accordance with the NPDES permit (No. CA0063509, CI No. 7497).

Summary of Quarterly Operations

Approximately 1,965,087 gallons of groundwater was extracted during the third quarter 2011. This total includes groundwater extracted from the south-central and southeastern areas. No water was extracted from the WSB area. Table 1 summarizes the average daily flow rate by week during the reporting period. Remediation of the south-central and southeastern areas was performed throughout the quarter, with the following exceptions:

- On July 26, 27, and 29, 2011, the TFE/GWE system was off on arrival due to a high water level in the transfer tank. On July 26 and 27, 2011, the high level was thought to be the result of clogged bag filters. Therefore, the bag filters were replaced and the system was restarted on the same day. On July 29, 2011, the transfer pump was discovered to be faulty and may have been the reason for the system shutdowns on July 26 and 27, 2011. The pump motor was repaired, and the system was restarted on the same day.
- On August 12 and 15, and September 6, 2011, the system was off on arrival due to a high level in the product tank. Free product was not found inside the product tank. Sludge material in the OWS was causing water to drain into the product tank, which caused a high level to occur. On August 12 and 15, 2011, the sludge material was removed, and the OWS was cleaned by the technicians. The product tank was also drained and the system restarted the same day. On September 6, 2011, the media inside the OWS was replaced, and the OWS transfer tank and equalization tank were cleaned with a pressure

washer. Unexpected shutdowns due to groundwater flowing into the product tank have not occurred since the media inside the OWS was replaced.

- From August 15 through 17, 2011, the TFE/GWE system was turned off for system upgrades, which included installation of an automated 3-inch ball valve upgradient of the OWS; installation of the total effluent, total influent, and southeastern influent flowmeters and flow sensors; and installation of flow totalizers for the south-central wells.
- The TFE/GWE system was turned off on August 23, 2011, to connect alarm signals from the TFE/GWE control panels to an automated notification system (autodialer) to inform technicians of a system shutdown.
- On August 29 and 30, and September 7, 2011, the system was off on arrival due to a high level in the equalization tank upgradient of the FBBRs. The bag filters for the FBBRs and polishing LGAC vessels were clogged with fine-grained material causing a decrease in flow through the FBBRs and polishing LGAC vessels. This decrease in flow caused water in the equalization tank to reach a high level and turn the entire treatment system off. On August 29 and 30, 2011, the bag filters were replaced, and the system was restarted on the same day. On September 7, 2011, fines were removed from the lead polishing LGAC vessel; however, when trying to close the vessel, the technicians could not get a proper seal due to a damaged cap. The lead LGAC vessel was therefore bypassed and the secondary LGAC vessel was utilized for polishing. The treatment system was restarted that same day. On September 13, 2011, the lead polishing vessel was replaced and filled with new carbon.
- On September 9, 2011, the system was turned off so that KMEP's remediation contractor, American Integrated Services, could make repairs to the treatment system flow/totalizer meters and extraction well box enclosures. Glue was applied and required at least 24 hours to cure; therefore, the system remained off during the weekend and was restarted on September 13, 2011.
- Frequent shutdowns of the treatment system continued during September 2011 due to high water levels in the equalization tank. The reason for the frequent shutdowns was the presence of fine particulates clogging the FBBR bag filters and lead polishing LGAC vessel. The particulates are believed to be carbonates precipitating from the pretreated groundwater. Beginning on September 23, 2011, acid was added to the pretreated groundwater at the influent of the FBBRs in order to eliminate the formation of these carbonate precipitates.

Routine Effluent Monitoring

Effluent water samples were collected pursuant to the Waste Discharge Requirements (WDRs) under Order No. R4-2011-0095. Samples were collected at the Order-designated monitoring point M-001-Remediation System Effluent.

Mr. Stephen Defibaugh
Kinder Morgan Energy Partners, L.P.
November 15, 2011
Page 4
420932.A1.05

Samples were transported to Advance Technology Laboratory (ATL) in Las Vegas, Nevada, for analysis. ATL is certified by the National Environmental Laboratory Accreditation Program and the California Department of Health Services Environmental Laboratory Accreditation Program. The samples were analyzed in accordance with current United States Environmental Protection Agency guidelines or as specified in the WDRs for the site. Analytical results for the monthly and quarterly effluent monitoring are summarized in Table 2. Analytical results for the remaining priority pollutants are summarized in Table 3. Remaining priority pollutants are required to be sampled from the remediation system effluent on a quarterly basis for the initial 2 years of the NPDES permit. After the initial 2 years, remaining priority pollutants are to be monitored on an annual basis. Laboratory analytical reports and chain-of-custody documents are included in Appendix A.

Summary of Compliance Results

As shown in Table 2, the results of the effluent monitoring indicate that all discharge limitations were met during the reporting period.

Waste Hauling

Approximately 2,000 gallons of nonhazardous waste liquid and 3,600 gallons of non-Resource Conservation and Recovery Act (non-RCRA) hazardous waste liquid from well redevelopment activities were removed from the site on July 12 and August 5, 2011, respectively, by Belshire Environmental Services, Inc. (25971 Towne Centre Drive, Foothill Ranch, California 92610). The water was transported to DeMenno/Kerdoon at 2000 N. Alameda Street, Compton, California 90222.

On July 19, 2011, two 55-gallon drums filled with nonhazardous used bag filters were removed from the site by Environmental Logistics, Inc. (140 W. Monte Avenue, Rialto, California 92316) and transported to Filter Recycling Services, Inc. at 180 W. Monte Avenue, Bloomington, California 92316.

On September 6, 2011, approximately 2,500 gallons of non-RCRA hazardous waste liquid from the OWS, transfer tank, and equalization tank cleaning was removed from the site by Patriot Environmental Services (508 East E Street, Wilmington, California 90744). The liquid was transported to DeMenno/Kerdoon at 2000 N. Alameda Street, Compton, California 90222.

On September 13, 2011, spent carbon was removed from the site by Prominent Systems, Inc. (13095 East Temple Avenue, City of Industry, California 91746-1418). Prominent Systems transported approximately 2,000 pounds of spent carbon to California Carbon Company at 2825 East Grant Street, Wilmington, California 90744.

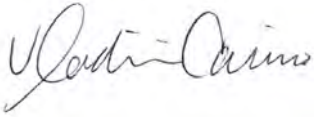
Copies of the waste manifests are included in Appendix B.

Mr. Stephen Defibaugh
Kinder Morgan Energy Partners, L.P.
November 15, 2011
Page 5
420932.A1.05

Should you require any further information, please contact me at (714) 435-6017.

Sincerely,

CH2M HILL, Inc.

A handwritten signature in cursive script, appearing to read "Vladimir Carino".

Vladimir Carino
Project Engineer

- Attachments: Table 1 - Effluent Flow Rate Measurements
Table 2 - NPDES Effluent Monitoring, Third Quarter 2011
Table 3 - NPDES Effluent Monitoring, Remaining Priority Pollutants
Appendix A - Laboratory Analytical Reports and Chain-of-Custody Documents for NPDES Effluent Monitoring
Appendix B - Waste Manifests

Tables

TABLE 1
Effluent Flow Rate Measurements¹
Third Quarter 2011
SFPP Norwalk Pump Station
Norwalk, California

Date	Average Flow Rate (gallons per day)
Discharge Limits²	
Maximum Daily	150,000
Results	
07/01/11	19,136
07/02/11	19,160
07/03/11	23,280
07/04/11	26,925
07/05/11	20,320
07/06/11	24,254 ³
07/07/11	24,254 ³
07/08/11	24,254 ³
07/09/11	10,093 ³
07/10/11	10,093 ³
07/11/11	10,093 ³
07/12/11	10,093 ³
07/13/11	19,090
07/14/11	18,400
07/15/11	19,110
07/16/11	27,840
07/17/11	27,530
07/18/11	22,250
07/19/11	15,540
07/20/11	20,790
07/21/11	18,430
07/22/11	28,310
07/23/11	11,760
07/24/11	0
07/25/11	0
07/26/11	8,130
07/27/11	32,520
07/28/11	34,160
07/29/11	21,240
07/30/11	29,410
07/31/11	37,470
08/01/11	35,870
08/02/11	36,270
08/03/11	39,590
08/04/11	37,240
08/05/11	41,970
08/06/11	50,390
08/07/11	41,190
08/08/11	32,530
08/09/11	29,230
08/10/11	17,670
08/11/11	0
08/12/11	13,480
08/13/11	13,110
08/14/11	0
08/15/11	14,670
08/16/11	8,190
08/17/11	10
08/18/11	7,180
08/19/11	3,970
08/20/11	0
08/21/11	0
08/22/11	19,110
08/23/11	18,820
08/24/11	38,730
08/25/11	48,290

TABLE 1
Effluent Flow Rate Measurements¹
Third Quarter 2011
SFPP Norwalk Pump Station
Norwalk, California

Date	Average Flow Rate (gallons per day)
Discharge Limits²	
Maximum Daily	150,000
Results	
08/26/11	49,820
08/27/11	51,560
08/28/11	51,480
08/29/11	26,170
08/30/11	8,090
08/31/11	16,790
09/01/11	10
09/02/11	0
09/03/11	14,960
09/04/11	0
09/05/11	0
09/06/11	0
09/07/11	19,870
09/08/11	35,580
09/09/11	39,900
09/10/11	26,580
09/11/11	32,840
09/12/11	31,520
09/13/11	26,880
09/14/11	36,060
09/15/11	36,810
09/16/11	23,650
09/17/11	26,250
09/18/11	31,880
09/19/11	12,030
09/20/11	10,530
09/21/11	30,990
09/22/11	31,400
09/23/11	28,170
09/24/11	33,950
09/25/11	17,550
09/26/11	11,780
09/27/11	8,310
09/28/11	24,580
09/29/11	17,170
09/30/11	0

Notes

1. Data reported based on information provided by SFPP, L.P.
2. California Regional Water Quality Control Board Waste Discharge Requirements (WDRs).
3. Daily flow value is estimated based on semiweekly totalizer readings.

TABLE 2
NPDES Effluent Monitoring
Third Quarter 2011
SFPP Norwalk Pump Station
Norwalk, California

Analyte	Sampling Frequency	Analytical Method	Units	MDL	RL	ML ¹	7/1/2011	7/12/2011	7/15/2011	7/19/2011	8/2/2011	9/9/2011	9/13/2011	Discharge Limits ²	
														Monthly Average	Daily Maximum
Temperature	Monthly	--	°F	--	--	NE	79.16	79	--	--	82.9	--	81.4	--	86
Oil and Grease	Monthly	EPA 1664A	mg/L	0.919	4	NE	--	--	<1.0	--	<0.96	<1.0	--	10	15
TPH as gas (C4-C12)	Monthly	EPA 8015B	µg/L	6	100	NE	--	--	<6.0	--	<6.0	<6.0	--	--	--
TPH as Diesel (C13-C22)	Monthly	EPA 8015B	µg/L	12.53	50	NE	--	--	<13	--	<13	<13	--	--	--
TPH as Oil (C23+)	Monthly	EPA 8015B	µg/L	9.56	50	NE	--	--	19J	--	<9.6	14J	--	--	--
Total TPH	Monthly	--	µg/L	--	--	NE	--	--	<19	--	<13	<14	--	NE	100
Settleable Solids	Monthly	SM 2540F	mL/L/hr	0.1	0.1	NE	--	--	<0.10	--	<0.1	<0.1	--	0.1	0.3
Total Suspended Solids	Monthly	SM 2540D	mg/L	10	10	NE	--	--	<10	--	<10	<10	--	50	75
Phenol	Monthly	EPA 420.1	µg/L	17	30	50	--	--	<30	--	<30	<30	--	300	NE
Benzene	Monthly	EPA 8260B	µg/L	0.075	1	2.0	--	--	<0.075	--	<0.075	<0.075	--	1	NE
1,1-Dichloroethane	Monthly	EPA 8260B	µg/L	0.094	1	1.0	--	--	<0.099	--	<0.099	<0.099	--	5	NE
1,2-Dichloroethane	Monthly	EPA 8260B	µg/L	0.166	0.5	2.0	--	--	<0.17	--	<0.17	<0.17	--	0.5	NE
Ethylbenzene	Monthly	EPA 8260B	µg/L	0.051	1	2.0	--	--	<0.051	--	<0.051	<0.051	--	10	NE
Toluene	Monthly	EPA 8260B	µg/L	0.118	0.5	2.0	--	--	<0.12	--	<0.12	<0.12	--	10	NE
Methyl tertiary-butyl ether	Monthly	EPA 8260B	µg/L	0.089	1	NE	--	--	<0.089	--	<0.089	<0.089	--	NE	5.0
Tertiary butyl alcohol	Monthly	EPA 8260B	µg/L	1.216	5	NE	--	--	<1.2	--	<1.2	<1.2	--	NE	150
Total Xylenes	Monthly	EPA 8260B	µg/L	various	1	NE	--	--	<1.5	--	<1.5	<1.5	--	10	NE
Copper (total recoverable) (dry weather)	Monthly	200.8	µg/L	0.337	0.5	0.5	--	--	1.3	--	0.9	1.8	--	16	33
Copper (total recoverable) (wet weather)	Monthly	200.8	µg/L	0.337	0.5	0.5	--	--	1.3	--	0.9	1.8	--	13	27
Lead (total recoverable) (dry weather)	Monthly	200.8	µg/L	0.021	0.5	0.5	--	--	0.080J	--	0.079J	0.12J	--	8.2	15
Lead (total recoverable) (wet weather)	Monthly	200.8	µg/L	0.021	0.5	0.5	--	--	0.080J	--	0.079J	0.12J	--	34	106
Mercury (total recoverable)	Monthly	EPA 245.1	µg/L	0.023	0.05	0.2	--	--	<0.023	--	0.030J	<0.023	--	0.051	0.14
Selenium (total recoverable)	Monthly	200.8	µg/L	0.025	0.5	2.0	--	--	<0.5	--	<0.5	<0.5	--	3.4	9.2
Thallium (total recoverable)	Monthly	200.8	µg/L	0.043	0.5	1.0	--	--	<0.043	--	<0.043	<0.043	--	6.3	13
Zinc (total recoverable) (wet weather)	Monthly	200.8	µg/L	0.162	10	1.0	--	--	47	--	22	15	--	79	158
Chromium VI	Monthly	7199	µg/L	0.028	0.2	0.5	--	--	--	<0.028	<0.028	<0.028	--	8.1	16
pH	Quarterly	--	s.u.	--	--	NE	7.41	7.46	--	--	--	--	7.2	--	6.5/8.5
Ammonia Nitrogen (as N)	Quarterly	SM-4500 NH3C	mg/L	0.03	1	NE	--	--	0.030J	--	--	--	--	NE	NE
Diisopropyl Ether	Quarterly	EPA 8260B	µg/L	0.072	1	NE	--	--	<0.072	--	--	--	--	NE	NE
Methylene Blue Active Substances	Quarterly	SM 5540C	mg/L	0.026	0.05	NE	--	--	<0.05	--	--	--	--	NE	NE
Tert-amyl-methyl Ether	Quarterly	EPA 8260B	µg/L	0.102	1	NE	--	--	<0.10	--	--	--	--	NE	NE
Turbidity	Quarterly	SM2130B	NTU	0.1	0.1	NE	--	--	<0.1	--	--	--	--	50	75
Methyl ethyl ketone	Quarterly	EPA 8260B	µg/L	1.042	10	NE	--	--	<1.0	--	--	--	--	50	NE
Other Priority Pollutants	Quarterly	--	See Table 3	--	--	--	--	--	--	--	--	--	--	NE	NE
BOD	Annually	SM5210B	mg/l		5	NE	--	--	--	--	--	--	--	20	30
Nitrate + Nitrite as N	Annually	EPA 300.0	mg/l	0.011, 0.014	0.1	NE	--	--	--	--	--	--	--	NE	NE
Sulfides	Annually	SM 4500 S2-D	mg/l	0.012	0.050	NE	--	--	--	--	--	--	--	NE	NE
TCDD Equivalents	Annually	8290	µg/L	--	--	NE	--	--	--	--	--	--	--	NE	NE

Notes

1. State Water Resources Control Board Policy for the Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California
2. California Regional Water Quality Control Board Waste Discharge Requirements (WDRs).
3. -- = not measured or not analyzed.

Abbreviations

BOD = biological oxygen demand (5 days at 20 degrees Celsius)
deg F = degrees Fahrenheit
DNQ = detected, but not quantified. Result is greater than or equal to the laboratory MDL but less than the ML (or RL if no ML is listed)
J = detected at a concentration below the RL and above the MDL. Reported value is estimated.
mg/L = milligrams per liter
µg/L = micrograms per liter
MDL = laboratory method detection limit
ML = minimum level. See note 1.
mL/L/hr = milliliters per liter per hour
NTU = nephelometric turbidity units
ND = not detected above the MDL listed
NE = not established
RL = laboratory reporting limit
TPH = total petroleum hydrocarbons

TABLE 3
NPDES Effluent Monitoring
Remaining Priority Pollutants
SFPP Norwalk Pump Station
Norwalk, California

Analyte	Analytical Method	Units	MDL	RL	8/2/2011	9/9/2011	ML ¹
Arsenic	200.8	µg/L	0.0025	0.10	16	---	2
Aroclor-1016	8082	µg/L	0.070	0.50	<0.070	---	0.5
Aroclor-1221	8082	µg/L	0.23	0.50	<0.23	---	0.5
Aroclor-1232	8082	µg/L	0.12	0.50	<0.12	---	0.5
Aroclor-1242	8082	µg/L	0.13	0.50	<0.13	---	0.5
Aroclor-1248	8082	µg/L	0.070	0.50	<0.070	---	0.5
Aroclor-1254	8082	µg/L	0.070	0.50	<0.070	---	0.5
Aroclor-1260	8082	µg/L	0.050	0.50	<0.050	---	0.5
Cadmium	200.8	µg/L	0.020	0.25	<0.020	---	0.25
Antimony	200.8	µg/L	0.019	0.50	0.82	---	0.50
Beryllium	200.8	µg/L	0.0090	0.50	<0.0090	---	0.50
Total Chromium	200.8	µg/L	0.0080	0.50	<0.0080	---	0.50
Chromium (III) (Total Cr - Cr VI)	NA	µg/L	NA	NA	<0.028	---	NA
Nickel	200.8	µg/L	0.086	1.0	0.13J	---	1
Silver	200.8	µg/L	0.0050	0.25	<0.0050	---	0.25
4,4'-DDD	8081 A	µg/L	0.005	0.050	<0.005	---	0.05
4,4'-DDE	8081 A	µg/L	0.005	0.050	<0.005	---	0.05
4,4'-DDT	8081 A	µg/L	0.005	0.050	<0.005	---	0.01
Aldrin	8081 A	µg/L	0.0042	0.025	<0.0042	---	0.005
Alpha Endosulfan	8081 A	µg/L	0.0037	0.025	<0.0037	---	0.02
Alpha-BHC	8081 A	µg/L	0.0045	0.025	<0.0045	---	0.01
Beta Endosulfan	8081 A	µg/L	0.0045	0.025	<0.0045	---	0.01
Beta-BHC	8081 A	µg/L	0.0034	0.025	<0.0034	---	0.005
Chlordane	8081 A	µg/L	0.041	0.25	<0.041	---	0.1
Delta-BHC	8081 A	µg/L	0.0042	0.025	<0.0042	---	0.005
Dieldrin	8081 A	µg/L	0.0047	0.050	<0.0047	---	0.01
Endosulfan Sulfate	8081 A	µg/L	0.0065	0.050	<0.0065	---	0.05
Endrin	8081 A	µg/L	0.0034	0.050	<0.0034	---	0.01
Endrin Aldehyde	8081 A	µg/L	0.0042	0.050	<0.0042	---	0.01
Gamma-BHC	8081 A	µg/L	0.0042	0.025	<0.0042	---	0.02
Heptachlor	8081 A	µg/L	0.0049	0.025	<0.0049	---	0.01
Heptachlor Epoxide	8081 A	µg/L	0.0048	0.025	<0.0048	---	0.01
Toxaphene	8081 A	µg/L	0.26	2.5	<0.26	---	0.5
1,1,1-Trichloroethane	8260B	µg/L	0.068	1.0	<0.068	---	2
1,1,2,2-Tetrachloroethane	8260B	µg/L	0.054	1.0	<0.054	---	1
1,1,2-Trichloroethane	8260B	µg/L	0.083	1.0	<0.083	---	2
1,1-Dichloroethene	8260B	µg/L	0.094	1.0	<0.094	---	2
1,2,4-Trichlorobenzene	8260B	µg/L	0.12	1.0	<0.12	---	5
1,2-Dichlorobenzene	8260B	µg/L	0.070	1.0	<0.070	---	2
1,2-Dichloropropane	8260B	µg/L	0.085	1.0	<0.085	---	1
1,3-Dichlorobenzene	8260B	µg/L	0.090	1.0	<0.090	---	1
1,4-Dichlorobenzene	8260B	µg/L	0.092	1.0	<0.092	---	1
2-Chloroethyl Vinyl Ether	8260B	µg/L	0.14	1.0	<0.14	---	1
Acrolein	8260B	µg/L	4.3	20	<4.3	---	5
Acrylonitrile	8260B	µg/L	0.61	20	<0.61	---	2
Bromodichloromethane	8260B	µg/L	0.063	1.0	<0.063	---	2
Bromoform	8260B	µg/L	0.086	1.0	<0.086	---	2
Bromomethane	8260B	µg/L	0.13	1	<0.13	---	2
c-1,3-Dichloropropene	8260B	µg/L	0.10	1.0	<0.10	---	2
Carbon Tetrachloride	8260B	µg/L	0.10	1.0	<0.10	---	2
Chlorobenzene	8260B	µg/L	0.092	1.0	<0.092	---	2
Chloroethane	8260B	µg/L	0.14	1.0	<0.14	---	2
Chloroform	8260B	µg/L	0.058	1.0	<0.058	---	2
Chloromethane	8260B	µg/L	0.054	1.0	<0.054	---	2
Dibromochloromethane	8260B	µg/L	0.061	1.0	<0.061	---	2

TABLE 3
NPDES Effluent Monitoring
Remaining Priority Pollutants
SFPP Norwalk Pump Station
Norwalk, California

Analyte	Analytical Method	Units	MDL	RL	8/2/2011	9/9/2011	ML ¹
Hexachloro-1,3-Butadiene	8260B	µg/L	0.17	1	<0.17	---	1
Hexachlorobenzene	8270C	µg/L	4.0	10	<4.0	---	1
Hexachloroethane	8270C	µg/L	4.7	10	<4.7	---	1
Methylene Chloride	8260B	µg/L	0.10	2.0	<0.10	---	2
Naphthalene	8260B	µg/L	0.056	1	<0.056	---	1
t-1,2-Dichloroethene	8260B	µg/L	0.094	1.0	<0.094	---	1
t-1,3-Dichloropropene	8260B	µg/L	0.10	1.0	<0.10	---	2
Tetrachloroethene	8260B	µg/L	0.13	1.0	<0.13	---	2
Trichloroethene	8260B	µg/L	0.060	1.0	<0.060	---	2
Vinyl Chloride	8260B	µg/L	0.12	1.0	<0.12	---	2
1,2-Diphenylhydrazine	8270 C	µg/L	3.6	10	<3.6	---	1
2,4,6-Trichlorophenol	8270 C	µg/L	4.5	10	<4.5	---	10
2,4-Dichlorophenol	8270 C	µg/L	4.3	10	<4.3	---	5
2,4-Dimethylphenol	8270 C	µg/L	3.6	10	<3.6	---	2
2,4-Dinitrophenol	8270 C	µg/L	3.3	50	<3.3	---	5
2,4-Dinitrotoluene	8270 C	µg/L	3.8	10	<3.8	---	5
2,6-Dinitrotoluene	8270 C	µg/L	4.0	10	<4.0	---	5
2-Chloronaphthalene	8270 C	µg/L	4.0	10	<4.0	---	10
2-Chlorophenol	8270 C	µg/L	3.7	10	<3.7	---	5
2-Nitrophenol	8270 C	µg/L	4.7	10	<4.7	---	10
3,3'-Dichlorobenzidine	8270 C	µg/L	3.6	20	<3.6	---	5
4,6-Dinitro-2-Methylphenol	8270 C	µg/L	2.9	50	<2.9	---	5
4-Bromophenyl-Phenyl Ether	8270 C	µg/L	3.9	10	<3.9	---	5
4-Chloro-3-Methylphenol	8270 C	µg/L	3.4	50	<3.4	---	1
4-Chlorophenyl-Phenyl Ether	8270 C	µg/L	3.5	10	<3.5	---	5
4-Nitrophenol	8270 C	µg/L	1.5	50	<1.5	---	10
Acenaphthene	8270 C	µg/L	4.2	10	<4.2	---	1
Acenaphthylene	8270 C	µg/L	3.9	10	<3.9	---	10
Anthracene	8270 C	µg/L	3.7	10	<3.7	---	10
Benzidine	8270 C	µg/L	2.3	50	<2.3	---	5
Benzo (a) Anthracene	8270 C	µg/L	5.2	10	<5.2	---	5
Benzo (a) Pyrene	8270 C	µg/L	5.5	10	<5.5	---	10
Benzo (b) Fluoranthene	8270 C	µg/L	5.7	10	<5.7	---	10
Benzo (g,h,i) Perylene	8270 C	µg/L	5.8	10	<5.8	---	5
Benzo (k) Fluoranthene	8270 C	µg/L	5.4	10	<5.4	---	10
Bis(2-Chloroethoxy) Methane	8270 C	µg/L	4.6	10	<4.6	---	5
Bis(2-Chloroethyl) Ether	8270 C	µg/L	5.5	10	<5.5	---	1
Bis(2-Chloroisopropyl) Ether	8270 C	µg/L	4.3	10	<4.3	---	2
Bis(2-Ethylhexyl) Phthalate	8270 C	µg/L	2.7	10	<2.7	---	5
Butyl Benzyl Phthalate	8270 C	µg/L	3.4	10	<3.4	---	10
Chrysene	8270 C	µg/L	2.3	10	<2.3	---	10
Dibenz (a,h) Anthracene	8270 C	µg/L	5.7	10	<5.7	---	10
Diethyl Phthalate	8270 C	µg/L	3.3	10	<3.3	---	2
Dimethyl Phthalate	8270 C	µg/L	3.7	10	<3.7	---	2
Di-n-Butyl Phthalate	8270 C	µg/L	3.0	10	<3.0	---	10
Di-n-Octyl Phthalate	8270 C	µg/L	3.0	10	<3.0	---	10
Fluoranthene	8270 C	µg/L	3.1	10	<3.1	---	1
Fluorene	8270 C	µg/L	3.6	10	<3.6	---	10
Hexachlorocyclopentadiene	8270 C	µg/L	4.4	10	<4.4	---	5
Indeno (1,2,3-c,d) Pyrene	8270 C	µg/L	5.6	10	<5.6	---	10
Isophorone	8270 C	µg/L	4.4	10	<4.4	---	1
Nitrobenzene	8270 C	µg/L	4.6	10	<4.6	---	1
N-Nitrosodimethylamine	8270 C	µg/L	3.1	50	<3.1	---	5
N-Nitroso-di-n-propylamine	8270 C	µg/L	5.1	10	<5.1	---	5
N-Nitrosodiphenylamine	8270 C	µg/L	4.0	10	<4.0	---	1

TABLE 3
NPDES Effluent Monitoring
Remaining Priority Pollutants
SFPP Norwalk Pump Station
Norwalk, California

Analyte	Analytical Method	Units	MDL	RL	8/2/2011	9/9/2011	ML ¹
Pentachlorophenol	8270 C	µg/L	3.0	50	<3.0	---	5
Phenanthrene	8270 C	µg/L	3.7	50	<3.7	---	5
Phenol	8270 C	µg/L	1.5	10	<1.5	---	1
Pyrene	8270 C	µg/L	3.2	10	<3.2	---	10
Cyanide (Total)	SM 4500 CN-E	mg/L	0.010	0.010	<0.010	---	NE
2,3,7,8 TCDD	8290 EPA 600 94 134,	pg/L	6.1	50.0	--	<6.1 ²	NE
Asbestos	100.1	MFL	1.1	1.1	<1.1	---	NE

Notes

1. State Water Resources Control Board Policy for the Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California.
2. Sample was analyzed beyond the recommended hold time of 30 days.

Abbreviations

DNQ = detected, but not quantified. Result is greater than or equal to the laboratory MDL but less than the ML (or RL if no ML is listed)
MDL = laboratory method detection limit
ML = minimum level
mg/L = milligrams per liter
µg/L = micrograms per liter
ND = not-detected above the MDL listed
NE = not established
MFL = millions of fibers per liter
pg/L = picograms per liter
RL = laboratory reporting limit
N/A = information not available

Appendix A
Laboratory Analytical Reports and Chain-of-Custody
Documents for NPDES Effluent Monitoring

July 22, 2011

Daniel Jablonski
CH2M HILL
155 Grand Avenue, Suite 1000
Oakland, CA 94612
TEL: (213)228-8271
FAX: (510) 622-9129

CA-ELAP No.:2676
NV Cert. No.:NV-009222007A

Workorder No.: N006123

RE: SFPP - Norwalk Site

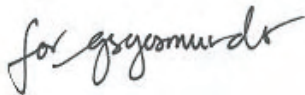
Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on July 15, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006123

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Subcontracted Analyses:

Settleable Matter by SM 2540F, MBAS by SM 5540C and Phenolics by EPA 420.1 were subcontracted to Advanced Technology Laboratories-Signal Hill, CA .



CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006123
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N006123-001A	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001B	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001C	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001D	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001E	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001F	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001G	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001H	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001I	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	
N006123-001J	EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	7/15/2011	



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 22-Jul-11

CLIENT: CH2M HILL
Lab Order: N006123
Project: SFPP - Norwalk Site
Lab ID: N006123-001

Client Sample ID: EFF-07-15
Collection Date: 7/15/2011 9:45:00 AM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

TOTAL NON-FILTERABLE RESIDUE

SM2540D

RunID: WETCHEM_110719B	QC Batch: 37341				PrepDate: 7/19/2011	Analyst: CEI
Suspended Solids (Residue, Non-Filterable)	ND	10	10	mg/L	1	7/19/2011

TURBIDITY

SM 2130B

RunID: WETCHEM_110716D	QC Batch: R80783				PrepDate:	Analyst: CEI
Turbidity	ND	0.10	0.10	NTU	1	7/16/2011

AMMONIA-N

SM4500-NH3C

RunID: WETCHEM_110720B	QC Batch: 37289				PrepDate: 7/19/2011	Analyst: CEI
Nitrogen, Ammonia (As N)	0.030	0.030	0.10	J mg/L	1	7/20/2011

OIL & GREASE

EPA 1664_HEM

RunID: WETCHEM_110719C	QC Batch: 37343				PrepDate: 7/19/2011	Analyst: QBM
Oil & Grease	ND	1.0	4.3	mg/L	1	7/19/2011

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_110716A	QC Batch: D11VW099				PrepDate:	Analyst: QBM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	7/16/2011 03:01 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	7/16/2011 03:01 PM
2-Butanone	ND	1.0	10	µg/L	1	7/16/2011 03:01 PM
Benzene	ND	0.075	1.0	µg/L	1	7/16/2011 03:01 PM
Di-isopropyl ether	ND	0.072	1.0	µg/L	1	7/16/2011 03:01 PM
Ethylbenzene	ND	0.051	1.0	µg/L	1	7/16/2011 03:01 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	7/16/2011 03:01 PM
MTBE	ND	0.089	1.0	µg/L	1	7/16/2011 03:01 PM
o-Xylene	ND	0.077	1.0	µg/L	1	7/16/2011 03:01 PM
Tert-amyl methyl ether	ND	0.10	1.0	µg/L	1	7/16/2011 03:01 PM
Tert-Butanol	ND	1.2	5.0	µg/L	1	7/16/2011 03:01 PM
Toluene	ND	0.12	2.0	µg/L	1	7/16/2011 03:01 PM
Xylenes, Total	ND	1.5	2.0	µg/L	1	7/16/2011 03:01 PM
Surr: 1,2-Dichloroethane-d4	98.1	0	72-119	%REC	1	7/16/2011 03:01 PM
Surr: 4-Bromofluorobenzene	106	0	76-119	%REC	1	7/16/2011 03:01 PM
Surr: Dibromofluoromethane	99.1	0	85-115	%REC	1	7/16/2011 03:01 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike/Surrogate outside of limits due to matrix interferenc
Results are wet unless otherwise specified DO Surrogate Diluted Out



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 22-Jul-11

CLIENT: CH2M HILL
Lab Order: N006123
Project: SFPP - Norwalk Site
Lab ID: N006123-001

Client Sample ID: EFF-07-15
Collection Date: 7/15/2011 9:45:00 AM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_110716A	QC Batch: D11VW099				PrepDate:		Analyst: QBM
Surr: Toluene-d8	108	0	81-120	%REC	1	7/16/2011 03:01 PM	

TPH-FUEL PRODUCT BY GC/FID

EPA 3510C

EPA 8015B

RunID: GC3_110720B	QC Batch: 37359				PrepDate:	7/20/2011	Analyst: MDM
TPH-Diesel (C13-C22)	ND	13	50	ug/L	1	7/21/2011 10:37 AM	
TPH-Oil (C23-C36)	19	9.6	50	ug/L	1	7/21/2011 10:37 AM	
Surr: Octacosane	91.2	0	26-152	%REC	1	7/21/2011 10:37 AM	
Surr: p-Terphenyl	84.4	0	57-132	%REC	1	7/21/2011 10:37 AM	

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: GC4_110718A	QC Batch: E11VW036				PrepDate:		Analyst: QBM
TPH-Gasoline (C4-C12)	ND	6.0	100	ug/L	1	7/18/2011	
Surr: Chlorobenzene - d5	96.6	0	74-138	%REC	1	7/18/2011	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 245.1

RunID: AA1_110718A	QC Batch: 37322				PrepDate:	7/16/2011	Analyst: CEI
Mercury	ND	0.023	0.050	ug/L	1	7/18/2011	

ICPMS METALS

EPA 200.8

EPA 200.8

RunID: ICP7_110718A	QC Batch: 37320				PrepDate:	7/16/2011	Analyst: JT
Copper	1.3	0.010	0.50	ug/L	1	7/18/2011 09:06 AM	
Lead	0.080	0.021	0.50	ug/L	1	7/18/2011 09:06 AM	
Thallium	ND	0.043	0.50	ug/L	1	7/18/2011 09:06 AM	
Zinc	47	0.16	10	ug/L	1	7/18/2011 09:06 AM	

ICP-MS METALS BY DRC-TECHNOLOGY

EPA 200.8

EPA 200.8

RunID: ICP7_110718A	QC Batch: 37320				PrepDate:	7/16/2011	Analyst: JT
Selenium	ND	0.50	0.50	ug/L	1	7/18/2011 09:06 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interferenc
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out



ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL

Work Order: N006123

Project: SPPP - Norwalk Site

TestCode: 160.2_2540D_W

Sample ID: MB-37341	SampType: MBLK	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80734						
Client ID: PBW	Batch ID: 37341	TestNo: SM2540D		Analysis Date: 7/19/2011	SeqNo: 1285324						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	ND	10									

Sample ID: LCS-37341	SampType: LCS	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80734						
Client ID: LCSW	Batch ID: 37341	TestNo: SM2540D		Analysis Date: 7/19/2011	SeqNo: 1285325						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	954.000	10	1000	0	95.4	80	120				

Sample ID: N006117-001B-DUP	SampType: DUP	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80734						
Client ID: ZZZZZ	Batch ID: 37341	TestNo: SM2540D		Analysis Date: 7/19/2011	SeqNo: 1285327						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	ND	10									

0 0 0 0 5

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

TestCode: 1664_HEM_W

Sample ID: MB-37343	SampType: MBLK	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80742
Client ID: PBW	Batch ID: 37343	TestNo: EPA 1664_H		Analysis Date: 7/19/2011	SeqNo: 1285439
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Oil & Grease	ND	4.0			
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: LCS-37343	SampType: LCS	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80742
Client ID: LCSW	Batch ID: 37343	TestNo: EPA 1664_H		Analysis Date: 7/19/2011	SeqNo: 1285440
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Oil & Grease	41.400	4.0	40.00	0	104
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: N006080-001C-MS	SampType: MS	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80742
Client ID: ZZZZZ	Batch ID: 37343	TestNo: EPA 1664_H		Analysis Date: 7/19/2011	SeqNo: 1285444
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Oil & Grease	38.737	4.2	42.11	0	92.0
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: N006080-001C-MSD	SampType: MSD	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80742
Client ID: ZZZZZ	Batch ID: 37343	TestNo: EPA 1664_H		Analysis Date: 7/19/2011	SeqNo: 1285445
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Oil & Grease	38.526	4.2	42.11	0	91.5
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: MB-37320	SampType: MBLK	TestCode: 200.8_W	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: PBW	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284260						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.049	0.50									J
Lead	ND	0.50									
Thallium	ND	0.50									
Zinc	0.530	10									J

Sample ID: LCS-37320	SampType: LCS	TestCode: 200.8_W	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: LCSW	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284261						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	9.441	0.50	10.00	0	94.4	85	115				
Lead	8.824	0.50	10.00	0	88.2	85	115				
Thallium	8.927	0.50	10.00	0	89.3	85	115				
Zinc	95.182	10	100.0	0	95.2	85	115				

Sample ID: N006123-001G-MS	SampType: MS	TestCode: 200.8_W	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: ZZZZZZ	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	9.463	0.50	10.00	1.292	81.7	75	125				
Lead	9.161	0.50	10.00	0.08004	90.8	75	125				
Thallium	9.362	0.50	10.00	0	93.6	75	125				
Zinc	129.360	10	100.0	46.59	82.8	75	125				

Sample ID: N006123-001G-MSD	SampType: MSD	TestCode: 200.8_W	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: ZZZZZZ	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284266						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	9.216	0.50	10.00	1.292	79.2	75	125	9.463	2.64	20	
Lead	9.132	0.50	10.00	0.08004	90.5	75	125	9.161	0.324	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: N006123-001G-MSD	SampType: MSD	TestCode: 200.8_W	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: ZZZZZ	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284266						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Thallium	9.320	0.50	10.00	0	93.2	75	125	9.362	0.443	20	
Zinc	126.043	10	100.0	46.59	79.5	75	125	129.4	2.60	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W_DRC

CLIENT: CH2M HILL
 Work Order: N006123
 Project: SFPP - Norwalk Site

Sample ID: MB-37320	SampType: MBLK	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: PBW	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284279						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	ND	0.50									

Sample ID: LCS-37320	SampType: LCS	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: LCSW	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284280						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	9.493	0.50	10.00	0	94.9	85	115				

Sample ID: N006123-001G-MS	SampType: MS	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: ZZZZZZ	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284284						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	8.677	0.50	10.00	0	86.8	75	125				

Sample ID: N006123-001G-MSD	SampType: MSD	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80699						
Client ID: ZZZZZZ	Batch ID: 37320	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 7/18/2011	SeqNo: 1284285						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	8.676	0.50	10.00	0	86.8	75	125	8.677	0.0157	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

TestCode: 2130_W

Sample ID: MB-R80783	SampType: MBLK	TestCode: 2130_W	Units: NTU	Prep Date:	RunNo: 80783						
Client ID: PBW	Batch ID: R80783	TestNo: SM 2130B		Analysis Date: 7/16/2011	SeqNo: 1287030						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Turbidity	ND	0.10									

Sample ID: N006123-001ADUP	SampType: DUP	TestCode: 2130_W	Units: NTU	Prep Date:	RunNo: 80783						
Client ID: ZZZZZZ	Batch ID: R80783	TestNo: SM 2130B		Analysis Date: 7/16/2011	SeqNo: 1287032						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Turbidity	ND	0.10									

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

TestCode: 245.1_W_LL

Sample ID: LCS-37322	SampType: LCS	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80701						
Client ID: LCSW	Batch ID: 37322	TestNo: EPA 245.1		Analysis Date: 7/18/2011	SeqNo: 1284217						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.623	0.050	2.500	0	105	85	115				

Sample ID: MB-37322	SampType: MBLK	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80701						
Client ID: PBW	Batch ID: 37322	TestNo: EPA 245.1		Analysis Date: 7/18/2011	SeqNo: 1284218						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.050									

Sample ID: N006123-001G-MS	SampType: MS	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80701						
Client ID: ZZZZZZ	Batch ID: 37322	TestNo: EPA 245.1		Analysis Date: 7/18/2011	SeqNo: 1284220						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.405	0.050	2.500	0	96.2	75	125				

Sample ID: N006123-001G-MSD	SampType: MSD	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 7/16/2011	RunNo: 80701						
Client ID: ZZZZZZ	Batch ID: 37322	TestNo: EPA 245.1		Analysis Date: 7/18/2011	SeqNo: 1284221						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.419	0.050	2.500	0	96.7	75	125	2.405	0.559	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

TestCode: 350.2_4500NH3C_WPGE

Sample ID: LCS-37289	SampType: LCS	TestCode: 350.2_4500N	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80747						
Client ID: LCSW	Batch ID: 37289	TestNo: SM4500-NH3		Analysis Date: 7/20/2011	SeqNo: 1285516						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Ammonia (As N)	0.981	0.10	1.000	0	98.1	85	115				

Sample ID: MB-37289	SampType: MBLK	TestCode: 350.2_4500N	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80747						
Client ID: PBW	Batch ID: 37289	TestNo: SM4500-NH3		Analysis Date: 7/20/2011	SeqNo: 1285517						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Ammonia (As N)	ND	0.10									

Sample ID: N006096-001D-MS	SampType: MS	TestCode: 350.2_4500N	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80747						
Client ID: ZZZZZZ	Batch ID: 37289	TestNo: SM4500-NH3		Analysis Date: 7/20/2011	SeqNo: 1285519						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Ammonia (As N)	2.015	0.10	2.000	0.1040	95.6	75	125				

Sample ID: N006096-001D-MSD	SampType: MSD	TestCode: 350.2_4500N	Units: mg/L	Prep Date: 7/19/2011	RunNo: 80747						
Client ID: ZZZZZZ	Batch ID: 37289	TestNo: SM4500-NH3		Analysis Date: 7/20/2011	SeqNo: 1285520						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrogen, Ammonia (As N)	2.014	0.10	2.000	0.1040	95.5	75	125	2.015	0.0496	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_FP_SFPP

Sample ID: MB-37359	SampType: MBLK	TestCode: 8015_W_FP_	Units: ug/L	Prep Date: 7/20/2011	RunNo: 80764		
Client ID: PBW	Batch ID: 37359	TestNo: EPA 8015B	EPA 3510C	Analysis Date: 7/21/2011	SeqNo: 1286156		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Diesel (C13-C22)	ND	50									
TPH-Oil (C23-C36)	16.019	50									J
Surr: Octacosane	65.602		80.00		82.0	26	152				
Surr: p-Terphenyl	60.791		80.00		76.0	57	132				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GSFPP

Sample ID: E110718LCS	SampType: LCS	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 80716						
Client ID: LCSW	Batch ID: E11VW036	TestNo: EPA 8015B		Analysis Date: 7/18/2011	SeqNo: 1286190						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	809.000	100	1000	0	80.9	67	136				
Surr: Chlorobenzene - d5	45.797		50.00		91.6	74	138				

Sample ID: E110718MB1	SampType: MBLK	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 80716						
Client ID: PBW	Batch ID: E11VW036	TestNo: EPA 8015B		Analysis Date: 7/18/2011	SeqNo: 1286191						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	ND	100			100	74	138				
Surr: Chlorobenzene - d5	50.231		50.00								

Sample ID: N006096-004LMS	SampType: MS	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 80716						
Client ID: ZZZZZ	Batch ID: E11VW036	TestNo: EPA 8015B		Analysis Date: 7/18/2011	SeqNo: 1286192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	811.000	100	1000	0	81.1	67	136				
Surr: Chlorobenzene - d5	46.025		50.00		92.1	74	138				

Sample ID: N006096-004LMSD	SampType: MSD	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 80716						
Client ID: ZZZZZ	Batch ID: E11VW036	TestNo: EPA 8015B		Analysis Date: 7/18/2011	SeqNo: 1286193						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	792.000	100	1000	0	79.2	67	136	811.0	2.37	0	0
Surr: Chlorobenzene - d5	45.900		50.00		91.8	74	138		0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: D110716LCS	SampType: LCS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80696
Client ID: LCSW	Batch ID: D11VW099	TestNo: EPA 8260B		Analysis Date: 7/16/2011	SeqNo: 1284223

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	20.720	0.50	20.00	0	104	69	133				
1,2-Dichloroethane	20.350	0.50	20.00	0	102	69	132				
2-Butanone	251.890	10	200.0	0	126	49	136				
Benzene	19.780	1.0	20.00	0	98.9	81	122				
Di-isopropyl ether	20.320	1.0	20.00	0	102	70	130				
Ethylbenzene	20.530	1.0	20.00	0	103	73	127				
m,p-Xylene	42.400	1.0	40.00	0	106	76	128				
MTBE	19.410	1.0	20.00	0	97.0	65	123				
o-Xylene	20.590	1.0	20.00	0	103	80	121				
Tert-amyl methyl ether	19.870	1.0	20.00	0	99.4	70	130				
Tert-Butanol	102.410	5.0	100.0	0	102	70	130				
Toluene	20.160	2.0	20.00	0	101	77	122				
Xylenes, Total	62.990	2.0	60.00	0	105	75	125				
Surr: 1,2-Dichloroethane-d4	24.840		25.00		99.4	72	119				
Surr: 4-Bromofluorobenzene	25.220		25.00		101	76	119				
Surr: Dibromofluoromethane	25.680		25.00		103	85	115				
Surr: Toluene-d8	25.030		25.00		100	81	120				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	20.320	0.50	20.00	0	102	69	133				
1,2-Dichloroethane	18.930	0.50	20.00	0	94.6	69	132				
2-Butanone	209.850	10	200.0	0	105	49	136				
Benzene	19.820	1.0	20.00	0	99.1	81	122				
Di-isopropyl ether	19.500	1.0	20.00	0	97.5	70	130				
Ethylbenzene	20.980	1.0	20.00	0	105	73	127				
m,p-Xylene	43.250	1.0	40.00	0	108	76	128				
MTBE	17.710	1.0	20.00	0	88.6	65	123				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

TestCode: 8260_WP_SFPP

Sample ID: N006112-013AMS	SampType: MS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80696						
Client ID: ZZZZZZ	Batch ID: D111VW099	TestNo: EPA 8260B		Analysis Date: 7/16/2011	SeqNo: 1284224						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	20.840	1.0	20.00	0	104	80	121				
Tert-amyl methyl ether	18.120	1.0	20.00	0	90.6	70	130				
Tert-Butanol	86.190	5.0	100.0	0	86.2	70	130				
Toluene	20.490	2.0	20.00	0	102	77	122				
Xylenes, Total	64.090	2.0	60.00	0	107	75	125				
Surr: 1,2-Dichloroethane-d4	22.840		25.00		91.4	72	119				
Surr: 4-Bromofluorobenzene	25.280		25.00		101	76	119				
Surr: Dibromofluoromethane	24.580		25.00		98.3	85	115				
Surr: Toluene-d8	25.310		25.00		101	81	120				

Sample ID: N006112-013AMS	SampType: MSD	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80696						
Client ID: ZZZZZZ	Batch ID: D111VW099	TestNo: EPA 8260B		Analysis Date: 7/16/2011	SeqNo: 1284225						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	20.930	0.50	20.00	0	105	69	133	20.32	2.96	20	
1,2-Dichloroethane	19.380	0.50	20.00	0	96.9	69	132	18.93	2.35	20	
2-Butanone	207.810	10	200.0	0	104	49	136	209.8	0.977	20	
Benzene	20.240	1.0	20.00	0	101	81	122	19.82	2.10	20	
Diisopropyl ether	19.430	1.0	20.00	0	97.2	70	130	19.50	0.360	20	
Ethylbenzene	21.370	1.0	20.00	0	107	73	127	20.98	1.84	20	
m,p-Xylene	44.410	1.0	40.00	0	111	76	128	43.25	2.65	20	
MTBE	17.690	1.0	20.00	0	88.4	65	123	17.71	0.113	20	
o-Xylene	21.280	1.0	20.00	0	106	80	121	20.84	2.09	20	
Tert-amyl methyl ether	18.480	1.0	20.00	0	92.4	70	130	18.12	1.97	20	
Tert-Butanol	87.960	5.0	100.0	0	88.0	70	130	86.19	2.03	20	
Toluene	21.100	2.0	20.00	0	106	77	122	20.49	2.93	20	
Xylenes, Total	65.690	2.0	60.00	0	109	75	125	64.09	2.47	20	
Surr: 1,2-Dichloroethane-d4	23.440		25.00		93.8	72	119		0		
Surr: 4-Bromofluorobenzene	25.920		25.00		104	76	119		0		
Surr: Dibromofluoromethane	25.200		25.00		101	85	115		0		

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - H Holding times for preparation or analysis exceeded
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006123
Project: SFPP - Norwalk Site

TestCode: 8260_WP_SFPP

Sample ID: N006112-013AMSD	SampType: MSD	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80696						
Client ID: ZZZZZ	Batch ID: D111VW099	TestNo: EPA 8260B		Analysis Date: 7/16/2011	SeqNo: 1284226						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	26.220		25.00		105	81	120			0	

Sample ID: D110716MB3	SampType: MBLK	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80696						
Client ID: PBW	Batch ID: D111VW099	TestNo: EPA 8260B		Analysis Date: 7/16/2011	SeqNo: 1284226						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	0.50									
1,2-Dichloroethane	ND	0.50									
2-Butanone	ND	10									
Benzene	ND	1.0									
Di-isopropyl ether	ND	1.0									
Ethylbenzene	ND	1.0									
m,p-Xylene	ND	1.0									
MTBE	ND	1.0									
o-Xylene	ND	1.0									
Tert-amyl methyl ether	ND	1.0									
Tert-Butanol	ND	5.0									
Toluene	ND	2.0									
Xylenes, Total	ND	2.0									
Surr: 1,2-Dichloroethane-d4	24.220		25.00		96.9	72	119				
Surr: 4-Bromofluorobenzene	26.110		25.00		104	76	119				
Surr: Dibromofluoromethane	23.230		25.00		92.9	85	115				
Surr: Toluene-d8	26.620		25.00		106	81	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 7/16/2011 Workorder: N006123
 Rep sample Temp (Deg C): 5.0 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: OnTrac
 Last 4 digits of Tracking No.: 8956 Packing Material Used: Bubble Wrap
 Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed B MBC

Reviewed By:

1323010

800.334.5000
ontrac.com



800-334-5000

Call For A Pickup!

FTULL (Company)

ENVIRO TREATMENT & TECHNOLOGY

Street Address

1473 WALNUT AVE

City

SEMPLE HILL

State

CA

Zip Code (Required)

92585

Phone Number

951-251-1111

PLEASE PRINT IN BLOCK LETTERS with Blue / Black Ink

TO (Company) WE CANNOT DELIVER TO A P.O. BOX

Street Address

ATL LAS VEGAS

Suite #

31511

City

LAS VEGAS

State

NV

Zip Code (Required)

89118

Phone Number

702-307-1299

Recipient's Name

MARLON CARLIN

Shipper's Ref. #

10001111

Account Number

B10241808956

Date

07/21/11



B10241808956

Service Options

SUNRISE - BY 10:30 AM*
 SUNRISE GOLD - BY 8:00 AM*
 HEAVYWEIGHT**
 Saturday Delivery - Extra Charge (See Service Guide for Details)
 HOLD FOR PICKUP
The shipment requires a delivery signature
 Declared Value \$ (maximum \$5,000)

Billing Information

Bill Shipper's Account
 Bill Other Acct #

Weight

8 oz. Letter
Or
Weight lbs. (Subject to verification)

L in. X W in. X H in.
+225 =

Secured Payment (Money Order or Certified Check)
Unsecured Payment (Company Check or Personal Check)

Driver #
Pick-up Time
Shipper's Signature

Driver's Initials
Shipper's Name

July 22, 2011



Marlon Cartin
Advanced Technology Laboratory-Las Vegas
3151 W Post Rd.
Las Vegas, NV 89118
TEL: (702) 307-2659
FAX: (702) 307-2691

ELAP No.:1838
NELAP No.:02107CA
CSDLAC No.:10196
ORELAP No.:CA300003
Workorder No.: 118956

RE:

Attention: Marlon Cartin

Enclosed are the results for sample(s) received on July 15, 2011 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: 22-Jul-11

CLIENT: Advanced Technology Laboratory-Las Vega **Client Sample ID:** N006123-001E / EFF-07-15
Lab Order: 118956 **Collection Date:** 7/15/2011 9:45:00 AM
Project: **Matrix:** WASTEWATER
Lab ID: 118956-001A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
-----------------	---------------	------------	-------------	--------------	-----------	----------------------

SETTLABLE MATTER

SM2540F

RunID: WETCHEM_110715C	QC Batch: 74290				PrepDate: 7/15/2011	Analyst: PT
Settleable Matter	ND	0.10		ml/L	1	7/15/2011

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: 22-Jul-11

CLIENT: Advanced Technology Laboratory-Las Vega **Client Sample ID:** N006123-001F / EFF-07-15
Lab Order: 118956 **Collection Date:** 7/15/2011 9:45:00 AM
Project: **Matrix:** WASTEWATER
Lab ID: 118956-002A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

PHENOLICS

EPA 420.1

RunID: WETCHEM2_110721A QC Batch: 74444 PrepDate: 7/20/2011 Analyst: **AAG**
Phenolics, Total Recoverable ND 0.030 mg/L 1 7/21/2011

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: 22-Jul-11

CLIENT: Advanced Technology Laboratory-Las Vega **Client Sample ID:** N006123-001H / EFF-07-15
Lab Order: 118956 **Collection Date:** 7/15/2011 9:45:00 AM
Project: **Matrix:** WASTEWATER
Lab ID: 118956-003A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
-----------------	---------------	------------	-------------	--------------	-----------	----------------------

SURFACTANTS

SM5540C

RunID: WETCHEM3_110716A QC Batch: 74372 PrepDate: 7/15/2011 Analyst: **AAG**
MBAS ND 0.050 mg/L 1 7/16/2011

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Advanced Technology Laboratory-Las Vegas

Work Order: 118956

Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 2540F_CH2

Sample ID: MB-74290	SampType: MBLK	TestCode: 2540F_CH2	Units: ml/L	Prep Date:	RunNo: 135007						
Client ID: PBW	Batch ID: 74290	TestNo: SM2540F		Analysis Date: 7/15/2011	SeqNo: 2209396						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Settleable Matter	ND	0.10									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Advanced Technology Laboratory-Las Vegas

Work Order: 118956

Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 420.1_W_CH2

Sample ID: 118956-002A-MS	SampType: MS	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 7/20/2011	RunNo: 135177						
Client ID: N006123-001F / EFF-	Batch ID: 74444	TestNo: EPA 420.1	Analysis Date: 7/21/2011	SeqNo: 2212914							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Phenolics, Total Recoverable 2.402 0.030 2.500 0.02600 95.0 80 120

Sample ID: 118956-002A-MSD	SampType: MSD	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 7/20/2011	RunNo: 135177						
Client ID: N006123-001F / EFF-	Batch ID: 74444	TestNo: EPA 420.1	Analysis Date: 7/21/2011	SeqNo: 2212915							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Phenolics, Total Recoverable 2.397 0.030 2.500 0.02600 94.8 80 120 2.402 0.208 20

Sample ID: LCS-74444	SampType: LCS	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 7/20/2011	RunNo: 135177						
Client ID: LCSW	Batch ID: 74444	TestNo: EPA 420.1	Analysis Date: 7/21/2011	SeqNo: 2212916							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

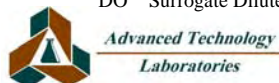
Phenolics, Total Recoverable 2.405 0.030 2.500 0 96.2 80 120

Sample ID: MB-74444	SampType: MBLK	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 7/20/2011	RunNo: 135177						
Client ID: PBW	Batch ID: 74444	TestNo: EPA 420.1	Analysis Date: 7/21/2011	SeqNo: 2212917							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Phenolics, Total Recoverable ND 0.030

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Advanced Technology Laboratory-Las Vegas
Work Order: 118956
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 425.1_5540C_W

Sample ID: 118956-003A-MS	SampType: MS	TestCode: 425.1_5540C_	Units: mg/L	Prep Date: 7/15/2011	RunNo: 135085						
Client ID: N006123-001H / EFF	Batch ID: 74372	TestNo: SM5540C	Analysis Date: 7/16/2011	SeqNo: 2210929							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

MBAS	0.474	0.050	0.5000	0	94.8	80	120				
------	-------	-------	--------	---	------	----	-----	--	--	--	--

Sample ID: 118956-003A-MSD	SampType: MSD	TestCode: 425.1_5540C_	Units: mg/L	Prep Date: 7/15/2011	RunNo: 135085						
Client ID: N006123-001H / EFF	Batch ID: 74372	TestNo: SM5540C	Analysis Date: 7/16/2011	SeqNo: 2210930							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

MBAS	0.514	0.050	0.5000	0	103	80	120	0.4740	8.10	20	
------	-------	-------	--------	---	-----	----	-----	--------	------	----	--

Sample ID: LCS-74372	SampType: LCS	TestCode: 425.1_5540C_	Units: mg/L	Prep Date: 7/15/2011	RunNo: 135085						
Client ID: LCSW	Batch ID: 74372	TestNo: SM5540C	Analysis Date: 7/16/2011	SeqNo: 2210931							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

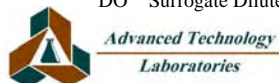
MBAS	0.478	0.050	0.5000	0	95.6	80	120				
------	-------	-------	--------	---	------	----	-----	--	--	--	--

Sample ID: MB-74372	SampType: MBLK	TestCode: 425.1_5540C_	Units: mg/L	Prep Date: 7/15/2011	RunNo: 135085						
Client ID: PBW	Batch ID: 74372	TestNo: SM5540C	Analysis Date: 7/16/2011	SeqNo: 2210932							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

MBAS	ND	0.050									
------	----	-------	--	--	--	--	--	--	--	--	--

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |





Advanced Technology Laboratories

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atlglobal.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

QC Level: RTNE

Subcontractor:

Advanced Technology Laboratories - Signal Hill
3283 Walnut Ave.
Signal Hill, California

TEL: (562) 989-4045
FAX: (562) 989-4045
Acct #:

Field Sampler:

JAMES DYE

15-Jul-11

Sample ID	Matrix	Date Collected	Bottle Type	EPA 420.1	Requested Tests
N006123-001E / EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	32OZG		SM2540F SM5540C
N006123-001F / EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	32OZG	1	1
N006123-001H / EFF-07-15	Wastewater	7/15/2011 9:45:00 AM	16OZP		1


General Comments: Please email sample receipt acknowledgement to the PM.

Please use PO#: N006123

Please e-mail results by: 5 day TAT.

Date/Time	Date/Time
Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>
Relinquished by:	Received by:
	7/15/11
	7/15/11 1401

CHAIN OF CUSTODY RECORD

		P.O. # _____ Quote # _____ Logged By: _____ Date: _____	
3275 Walnut Ave., Signal Hill, CA 90755 Tel: (562) 989-4045 • Fax: (562) 989-4040		NOTE: Please include your Quote No. to ensure proper pricing of your project.	
Client: Advanced Technology Laboratory Attention: _____ Project Name: CH2M Hill -Norwalk		Address: 3151 W Post Rd. City: Las Vegas State: NV Zip Code: 89118 Tel: (702) 307-2659 Fax: _____ Sampler: _____ (Signature)	
Relinquished by: (Signature and Printed Name) _____ Date: _____ Time: _____		Received by: (Signature and Printed Name) _____ Date: 7/11/11 Time: _____	
Relinquished by: (Signature and Printed Name) _____ Date: _____ Time: _____		Received by: (Signature and Printed Name) _____ Date: _____ Time: _____	
Relinquished by: (Signature and Printed Name) _____ Date: _____ Time: _____		Received by: (Signature and Printed Name) _____ Date: _____ Time: _____	
Special Instructions/Comments: 15 min Shipping Time			
Bill To: _____ Attn: _____ Co: _____ Addr: _____ City: _____ State: _____ Zip: _____		Circle or Add Analysis(es) Requested: 8081A (Pesticides) 8260B (Nitrates) 8270C (BNA) 6010B (Total Metal) 8015B (GRO) / 8021 (BTEX) 8015B (DRO) TITLE 22 / CAM 17 (6010 / 7000) field services	
I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: _____ Date: _____ Print Name _____ Signature _____		Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report. Storage Fees (applies when storage is requested): ■ Sample: \$2.00 / sample /mo (after 45 days) ■ Records: \$1 /ATL workorder /mo (after 1 year)	
Send Report To: _____ Attn: _____ Co: _____ Addr: _____ City: _____ State: _____ Zip: _____		SPECIFY APPROPRIATE MATRIX: SEDIMENT SOIL DRINKING WATER GROUND WATER WASTEWATER STORMWATER AQUEOUS	
LAB USE ONLY: Batch #: 118411-01 Lab No. _____ Sample ID / Location _____ Sample Description _____ Date: 7/15/2011 Time: _____		TAT: _____ Emergency Next Workday _____ V=VOA L=Liter P=Pin J=Jar B=Tedlar G=Glass P=Plastic M=Metal Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Tedlar G=Glass P=Plastic M=Metal	
TAT starts 8AM the following day if samples received after 5 PM		Preservatives: H=HCl N=HNO ₃ S=H ₂ SO ₄ C=4°C Z=Zn(AC) ₂ O=NaOH T=Na ₂ S ₂ O ₃	

CHAIN OF CUSTODY RECORD

DATE: 7/15/11
 PAGE: 1 OF 1

Advanced Technology Laboratories
 3151 W. Post Road
 Las Vegas, NV 89118
 Tel: 702-307-2659 Fax: 702-307-2691
 Marlon Cartin (marlon@atl-labs.com)

LABORATORY CLIENT: Kinder Morgan Energy Partners, Attn: Steve Defibaugh ADDRESS: 1100 Town & Country Road CITY: Orange, CA 92868 TEL: 714-560-4802 FAX: 714-560-4601 E-MAIL: james.def@kindermorgan.com TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWOCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL / / SPECIAL INSTRUCTIONS Report to D. Jablonski/CH2M HILL, cc: KMEP Direct Bill KMEP/SFPP - Steve Defibaugh-ref. AFE# 81195 "J" flags required/Use lowest possible detection limit - all methods.		CLIENT PROJECT NAME / NUMBER: SFPP - Norwalk Site PROJECT CONTACT: James Dye SAMPLERS (SIGNATURE): <i>James Dye</i>		P.O. NO.: QUOTE NO.: LAB USE ONLY:																	
REQUESTED ANALYSIS																					
LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT- RIX	NO. OF CONT.	Oil And Grease (1664A)	TPH-g, TPH-d, and TPH-oil (8015B)	Settleable Solids (SM2540F)	Total Suspended Solids (SM2540D)	Phenol (420.1)	BTEX, 1,1-DCA, 1,2-DCA, MEK (8260B)	MTBE, TBA, DPE, and TAME (8260B)	24HR TAT	Cu, Pb, Ti, and Zn (200.8)	Se (200.8) 24 HR TAT; Hg (7470A)	24 HR TAT	Ammonia Nitrogen as N (SM-4500 NH3C)	Methylene Blue Active Substances (SM 5540C)	Turbidity (SM2130B)	Comments
	EFF-07-15	Effluent	7/15/11	945	ww	15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Relinquished by: (Signature) <i>Steve Defibaugh</i> Date: 7/15/11 Time: 1610 Relinquished by: (Signature) <i>James Dye</i> Date: 7/15/11 Time: 1217 Relinquished by: (Signature) <i>James Dye</i> Date: 7/15/11 Time: 1217																					

Revised: 07/14/2011

July 20, 2011

Daniel Jablonski
CH2M HILL
155 Grand Avenue, Suite 1000
Oakland, CA 94612

TEL: (213)228-8271
FAX: (510) 622-9129

CA-ELAP No.: 2676
NV Cert. No.: NV-009222007A

Workorder No.: N006140

RE: SFPP - Norwalk Site

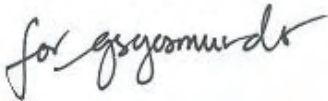
Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on July 19, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



Advanced Technology
Laboratories, Inc.

3151 W. Post Rd. Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006140

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.



CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006140
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N006140-001A	EFF-07-19	Water	7/19/2011 12:00:00 PM	7/19/2011	



CLIENT: CH2M HILL
Lab Order: N006140
Project: SFPP - Norwalk Site
Lab ID: N006140-001

Client Sample ID: EFF-07-19
Collection Date: 7/19/2011 12:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
					EPA 7199		
RunID: IC1_110720A	QC Batch: R80750				PrepDate:		Analyst: QBM
Hexavalent Chromium	ND	0.028	0.20		µg/L	1	7/20/2011 11:09 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL

Work Order: N006140

Project: SFPP - Norwalk Site

TestCode: 7199_WPGE

Sample ID: MB-R80750	SampType: MBLK	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80750						
Client ID: PBW	Batch ID: R80750	TestNo: EPA 7199		Analysis Date: 7/20/2011	SeqNo: 1285619						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: LCS-R80750	SampType: LCS	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80750						
Client ID: LCSW	Batch ID: R80750	TestNo: EPA 7199		Analysis Date: 7/20/2011	SeqNo: 1285620						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.913	0.20	5.000	0	98.3	90	110				

Sample ID: N006140-001ADUP	SampType: DUP	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80750						
Client ID: ZZZZZ	Batch ID: R80750	TestNo: EPA 7199		Analysis Date: 7/20/2011	SeqNo: 1285622						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20				0	0	20			

Sample ID: N006140-001AMS	SampType: MS	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80750						
Client ID: ZZZZZ	Batch ID: R80750	TestNo: EPA 7199		Analysis Date: 7/20/2011	SeqNo: 1285623						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.910	0.20	1.000	0	91.0	85	115				

Sample ID: N006140-001AMSD	SampType: MSD	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80750						
Client ID: ZZZZZ	Batch ID: R80750	TestNo: EPA 7199		Analysis Date: 7/20/2011	SeqNo: 1285624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.921	0.20	1.000	0	92.1	85	115	0.9103	1.13	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CHAIN OF CUSTODY RECORD

DATE: 07-19-11 PAGE: 1 OF 1

Advanced Technology Laboratories
3151 W. Post Road
Las Vegas, NV 89116
Tel: 702-307-2659 Fax: 702-307-2691
Marion Carlin (marlcom@atl-labs.com)

LABORATORY CLIENT: Kinder Morgan Energy Partners, Attn: Steve Defibaugh
ADDRESS: 1100 Town & Country Road
Orange, CA 92868
TEL: 714-560-4802 FAX: 714-560-4601
E-MAIL: steve.defibaugh@kempco.com
LABORATORY TIME:
[] SAME DAY [] 24 HR [] 48HR [] 72 HR [] 5 DAYS [] 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
[] RUCR8 REPORTING [] ARCHIVE SAMPLES UNTIL: / /
SPECIAL INSTRUCTIONS
Report to D. Jablonski@CH2M HILL, cc: KMEP
Direct Bill KMEP/SFPP - Steve Defibaugh-raf. AFE# 81185
"J" flags required/Use lowest possible detection limit - all methods.

Table with columns: SAMPLE ID, LOCATION/DESCRIPTION, DATE, TIME, MAT-BOX, VOL OF CONT. Includes entry: EFF-07-14 Effluent, 7-19-11 1800, WW, 1. Also includes 'REQUESTED ANALYSIS' section with 'Chromium VI (7199)' marked with an 'X'.

Requested by: (Signature)
Received by: (Signature)
Date: 07/19/11 Time: 12:07
Date: 7/19/11 Time: 12:48
Date:
Date:
Revised: 07/14/2011

1006140-1

1.806

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 7/20/2011 Workorder: N006140
 Rep sample Temp (Deg C): 3.8 IR Gun ID: 2
 Temp Blank: Yes No
 Carrier name: OnTrac
 Last 4 digits of Tracking No.: 8401 Packing Material Used: Paper
 Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed B NS

Reviewed By: NS F/w/h

ontrac.com



800-334-5000
Call For A Pickup!

Account Number
B10241808401

Date
0 2 4 1 1 1

FROM (Company)
 STREET ADDRESS
 3151 W POST RD
 SUITE #
 LAS VEGAS NV
 ZIP CODE (REQUIRED)
 89119
 PHONE NUMBER
 702-207-1611

PLEASE PRINT IN BLOCK LETTERS with Blue / Black Ink
TO (Company) WE CANNOT DELIVER TO A P.O. BOX

STREET ADDRESS
 3151 W POST RD
 SUITE #
 LAS VEGAS NV
 ZIP CODE (REQUIRED)
 89119
 PHONE NUMBER
 702-207-1611



Service Options If no box is checked, Service Services will be applied. Max weight change weight is 30 lbs. Delivery by 5:00 P.M. Max weight limit of 100 lbs. per parcel may be later in some areas. Check service guide or call for details for details.	Billing Information If none is selected, shipper will be invoiced.	Weight
<input type="checkbox"/> SUNRISE - BY 10:30 AM* <input checked="" type="checkbox"/> SUNRISE GOLD - BY 8:00 AM* <input type="checkbox"/> HEAVYWEIGHT** <input type="checkbox"/> Saturday Delivery - Extra Charge (see Service Guide for details) <input type="checkbox"/> HOLD FOR PICKUP <input type="checkbox"/> This shipment requires a delivery signature <input type="checkbox"/> Declared Value \$ (maximum \$25,000)	<input type="checkbox"/> Bill Shipper's Account <input checked="" type="checkbox"/> Bill Other Acct #	<input type="checkbox"/> 8 oz. Letter or Weight lbs. (Subject to verification) L in. X W in. X H in. -225 = Dim weight charge if greater than actual weight
<input type="checkbox"/> C.O.D. Amount \$, Limit \$10,000 (enter C.O.D. tag to package)	<input type="checkbox"/> Secured Payment (Money Order or Certified Check) <input type="checkbox"/> Unsecured Payment (Company Check or Personal Check)	
Driver's Initials C A G B P L A	Driver's Signature C A G B P L A	

August 11, 2011

Daniel Jablonski
CH2M HILL
155 Grand Avenue, Suite 1000
Oakland, CA 94612
TEL: (213)228-8271
FAX: (510) 622-9129

CA-ELAP No.:2676
NV Cert. No.:NV-009222007A

Workorder No.: N006224

RE: SFPP - Norwalk Site

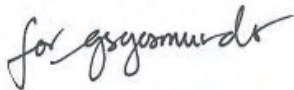
Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on August 02, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006224
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N006224-001A	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006224-001B	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006224-001C	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006224-001D	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006224-001E	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006224-001F	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006224-001G	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006224-001H	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006224-001I	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	



CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006224

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Subcontracted Analyses:

Settleable Matter by SM 2540F and Phenolics by EPA 420.1 were subcontracted to Advanced Technology Laboratories-Signal Hill, CA .



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 11-Aug-11

CLIENT: CH2M HILL
Lab Order: N006224
Project: SFPP - Norwalk Site
Lab ID: N006224-001

Client Sample ID: EFF-08-02
Collection Date: 8/2/2011 12:00:00 PM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

TOTAL NON-FILTERABLE RESIDUE

SM2540D

RunID: WETCHEM_110808A	QC Batch: 37567				PrepDate: 8/8/2011	Analyst: CEI
Suspended Solids (Residue, Non-Filterable)	ND	10	10	mg/L	1	8/8/2011

OIL & GREASE

EPA 1664_HEM

RunID: WETCHEM_110809A	QC Batch: 37569				PrepDate: 8/9/2011	Analyst: QBM
Oil & Grease	ND	0.96	4.2	mg/L	1	8/9/2011

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_110803A	QC Batch: D11VW109				PrepDate:	Analyst: QBM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	8/3/2011 12:59 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	8/3/2011 12:59 PM
Benzene	ND	0.075	1.0	µg/L	1	8/3/2011 12:59 PM
Ethylbenzene	ND	0.051	1.0	µg/L	1	8/3/2011 12:59 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	8/3/2011 12:59 PM
MTBE	ND	0.089	1.0	µg/L	1	8/3/2011 12:59 PM
o-Xylene	ND	0.077	1.0	µg/L	1	8/3/2011 12:59 PM
Tert-Butanol	ND	1.2	5.0	µg/L	1	8/3/2011 12:59 PM
Toluene	ND	0.12	2.0	µg/L	1	8/3/2011 12:59 PM
Xylenes, Total	ND	1.5	2.0	µg/L	1	8/3/2011 12:59 PM
Surr: 1,2-Dichloroethane-d4	92.4	0	72-119	%REC	1	8/3/2011 12:59 PM
Surr: 4-Bromofluorobenzene	103	0	76-119	%REC	1	8/3/2011 12:59 PM
Surr: Dibromofluoromethane	105	0	85-115	%REC	1	8/3/2011 12:59 PM
Surr: Toluene-d8	108	0	81-120	%REC	1	8/3/2011 12:59 PM

TPH-FUEL PRODUCT BY GC/FID

EPA 3510C

EPA 8015B

RunID: GC1_110808D	QC Batch: 37559				PrepDate: 8/6/2011	Analyst: JT
TPH-Diesel (C13-C22)	ND	13	50	ug/L	1	8/8/2011 02:32 PM
TPH-Oil (C23-C36)	ND	9.6	50	ug/L	1	8/8/2011 02:32 PM
Surr: Octacosane	59.3	0	26-152	%REC	1	8/8/2011 02:32 PM
Surr: p-Terphenyl	57.9	0	57-132	%REC	1	8/8/2011 02:32 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: GC4_110808A	QC Batch: E11VW040				PrepDate:	Analyst: QBM
---------------------------	---------------------------	--	--	--	-----------	---------------------

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interferenc
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 11-Aug-11

CLIENT: CH2M HILL
Lab Order: N006224
Project: SFPP - Norwalk Site
Lab ID: N006224-001

Client Sample ID: EFF-08-02
Collection Date: 8/2/2011 12:00:00 PM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: GC4_110808A	QC Batch: E11VW040					PrepDate:	Analyst: QBM
TPH-Gasoline (C4-C12)	ND	6.0	100		µg/L	1	8/8/2011
Surr: Chlorobenzene - d5	101	0	74-138		%REC	1	8/8/2011

HEXAVALENT CHROMIUM BY IC

EPA 7199

RunID: IC1_110803A	QC Batch: R80938					PrepDate:	Analyst: QBM
Hexavalent Chromium	ND	0.028	0.20		µg/L	1	8/3/2011 11:34 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 245.1

RunID: AA1_110803A	QC Batch: 37505					PrepDate: 8/3/2011	Analyst: CEI
Mercury	0.030	0.023	0.050	J	µg/L	1	8/3/2011

ICPMS METALS

EPA 3010A

EPA 200.8

RunID: ICP7_110803A	QC Batch: 37499					PrepDate: 8/3/2011	Analyst: JT
Copper	0.90	0.010	0.50		µg/L	1	8/3/2011 02:52 PM
Lead	0.079	0.021	0.50	J	µg/L	1	8/3/2011 02:52 PM
Thallium	ND	0.043	0.50		µg/L	1	8/3/2011 02:52 PM
Zinc	22	0.16	10		µg/L	1	8/3/2011 02:52 PM

ICP-MS METALS BY DRC-TECHNOLOGY

EPA 3010A

EPA 200.8

RunID: ICP7_110803A	QC Batch: 37499					PrepDate: 8/3/2011	Analyst: JT
Selenium	ND	0.50	0.50		µg/L	1	8/3/2011 02:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interferenc
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out



ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL

Work Order: N006224

Project: SFPP - Norwalk Site

TestCode: 160.2_2540D_W

Sample ID: MB-37567	SampType: MBLK	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 8/8/2011	RunNo: 81031						
Client ID: PBW	Batch ID: 37567	TestNo: SM2540D		Analysis Date: 8/8/2011	SeqNo: 1295116						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	ND	10									

Sample ID: LCS-37567	SampType: LCS	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 8/8/2011	RunNo: 81031						
Client ID: LCSW	Batch ID: 37567	TestNo: SM2540D		Analysis Date: 8/8/2011	SeqNo: 1295117						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	918.000	10	1000	0	91.8	80	120				

Sample ID: N006224-001A-DUP	SampType: DUP	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 8/8/2011	RunNo: 81031						
Client ID: ZZZZZZ	Batch ID: 37567	TestNo: SM2540D		Analysis Date: 8/8/2011	SeqNo: 1295119						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	ND	10									

0 0 0 0 5

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_HEM_W

Sample ID: MB-37569	SampType: MBLK	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 8/9/2011	RunNo: 81032						
Client ID: PBW	Batch ID: 37569	TestNo: EPA 1664_H		Analysis Date: 8/9/2011	SeqNo: 1295130						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	ND	4.0									

Sample ID: LCS-37569	SampType: LCS	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 8/9/2011	RunNo: 81032						
Client ID: LCSW	Batch ID: 37569	TestNo: EPA 1664_H		Analysis Date: 8/9/2011	SeqNo: 1295131						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	32.100	4.0	40.00	0	80.3	78	114				

Sample ID: N006260-001CMS	SampType: MS	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 8/9/2011	RunNo: 81032						
Client ID: ZZZZZZ	Batch ID: 37569	TestNo: EPA 1664_H		Analysis Date: 8/9/2011	SeqNo: 1295140						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	35.104	4.2	41.67	0	84.2	78	114				

Sample ID: N006260-001CMSD	SampType: MSD	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 8/9/2011	RunNo: 81032						
Client ID: ZZZZZZ	Batch ID: 37569	TestNo: EPA 1664_H		Analysis Date: 8/9/2011	SeqNo: 1295141						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	33.646	4.2	41.67	0	80.8	78	114	35.10	4.24		18

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: MB-37499	SampType: MBLK	TestCode: 200.8_W	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: PBW	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291199						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	0.101	0.50									J
Lead	0.066	0.50									J
Thallium	ND	0.50									
Zinc	0.303	10									J

Sample ID: LCS-37499	SampType: LCS	TestCode: 200.8_W	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: LCSW	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291200						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	10.051	0.50	10.00	0	101	85	115				
Lead	9.753	0.50	10.00	0	97.5	85	115				
Thallium	9.868	0.50	10.00	0	98.7	85	115				
Zinc	97.186	10	100.0	0	97.2	85	115				

Sample ID: N006227-001B-MS	SampType: MS	TestCode: 200.8_W	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: ZZZZZZ	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291204						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	13.640	0.50	10.00	4.983	86.6	75	125				
Lead	15.981	0.50	10.00	6.091	98.9	75	125				
Thallium	10.014	0.50	10.00	0	100	75	125				
Zinc	138.929	10	100.0	48.49	90.4	75	125				

Sample ID: N006227-001B-MSD	SampType: MSD	TestCode: 200.8_W	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: ZZZZZZ	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291205						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	13.564	0.50	10.00	4.983	85.8	75	125	13.64	0.562	20	
Lead	15.899	0.50	10.00	6.091	98.1	75	125	15.98	0.511	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: N006227-001B-MSD	SampType: MSD	TestCode: 200.8_W	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936
Client ID: ZZZZZ	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291205

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	9.953	0.50	10.00	0	99.5	75	125	10.01	0.603	20	
Zinc	137.767	10	100.0	48.49	89.3	75	125	138.9	0.840	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W_DRC

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

Sample ID: MB-37499	SampType: MBLK	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936
Client ID: PBW	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291160
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Selenium	ND	0.50			

Sample ID: LCS-37499	SampType: LCS	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936
Client ID: LCSW	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291161
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Selenium	9.546	0.50	10.00	0	95.5

Sample ID: N006227-001B-MS	SampType: MS	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936
Client ID: ZZZZZZ	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291165
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Selenium	9.426	0.50	10.00	0	94.3

Sample ID: N006227-001B-MSD	SampType: MSD	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936
Client ID: ZZZZZZ	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291166
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Selenium	9.118	0.50	10.00	0	91.2

		LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		85	115				
		75	125				
		94.26	9.426		3.32		20

Qualifiers:

- B Analyte detected in the associated Method Blank
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

TestCode: 245.1_W_LL

Sample ID: LCS-37505	SampType: LCS	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80934						
Client ID: LCSW	Batch ID: 37505	TestNo: EPA 245.1		Analysis Date: 8/3/2011	SeqNo: 1291149						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.554	0.050	2.500	0	102	85	115				

Sample ID: MB-37505	SampType: MBLK	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80934						
Client ID: PBW	Batch ID: 37505	TestNo: EPA 245.1		Analysis Date: 8/3/2011	SeqNo: 1291150						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.050									

Sample ID: N006224-001G-MS	SampType: MS	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80934						
Client ID: ZZZZZZ	Batch ID: 37505	TestNo: EPA 245.1		Analysis Date: 8/3/2011	SeqNo: 1291152						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.531	0.050	2.500	0.02959	100	75	125				

Sample ID: N006224-001G-MSD	SampType: MSD	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80934						
Client ID: ZZZZZZ	Batch ID: 37505	TestNo: EPA 245.1		Analysis Date: 8/3/2011	SeqNo: 1291153						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.508	0.050	2.500	0.02959	99.1	75	125	2.531	0.933	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

TestCode: 7199_WPGE

Sample ID: MB-R80938	SampType: MBLK	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80938
Client ID: PBW	Batch ID: R80938	TestNo: EPA 7199		Analysis Date: 8/3/2011	SeqNo: 1291363
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	ND	0.20			
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: LCS-R80938	SampType: LCS	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80938
Client ID: LCSW	Batch ID: R80938	TestNo: EPA 7199		Analysis Date: 8/3/2011	SeqNo: 1291364
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	4.927	0.20	5.000	0	98.5
				90	110
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: N006224-001IDUP	SampType: DUP	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80938
Client ID: ZZZZZZ	Batch ID: R80938	TestNo: EPA 7199		Analysis Date: 8/3/2011	SeqNo: 1291366
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	ND	0.20			
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: N006224-001IMS	SampType: MS	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80938
Client ID: ZZZZZZ	Batch ID: R80938	TestNo: EPA 7199		Analysis Date: 8/3/2011	SeqNo: 1291367
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	0.994	0.20	1.000	0	99.4
				85	115
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: N006219-006AMS	SampType: MS	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 80938
Client ID: ZZZZZZ	Batch ID: R80938	TestNo: EPA 7199		Analysis Date: 8/3/2011	SeqNo: 1291389
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	1.048	0.20	1.000	0	105
				85	115
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_WPGE

Sample ID: N006219-006AMSD	SampType: MSD	TestCode: 7199_WPGE	Units: µg/L
Client ID: ZZZZZZ	Batch ID: R80938	TestNo: EPA 7199	
Analyte	Result	PQL	SPK value
Hexavalent Chromium	1.032	0.20	1.000
		%REC	LowLimit
		103	85
		HighLimit	RPD Ref Val
		115	1.048
		%RPD	RPDLimit
		1.62	20

RunNo: **80938**
 SeqNo: **1291390**

Prep Date:
 Analysis Date: **8/3/2011**

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_FP_SFPP

Sample ID: MB-37559	SampType: MBLK	TestCode: 8015_W_FP_	Units:	Prep Date: 8/6/2011	RunNo: 81044		
Client ID: PBW	Batch ID: 37559	TestNo: EPA 8015B	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1295476		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD	RPDLimit	Qual

	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Diesel (C13-C22)						J
TPH-Oil (C23-C36)						
Surr: Octacosane	80.00	26	152	62.5		
Surr: p-Terphenyl	80.00	57	132	61.7		

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GSFPP

Sample ID: E110808LCS	SampType: LCS	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 81005						
Client ID: LCSW	Batch ID: E11VW040	TestNo: EPA 8015B		Analysis Date: 8/8/2011	SeqNo: 1294006						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	951.000	100	1000	0	95.1	67	136				
Surr: Chlorobenzene - d5	50.143		50.00		100	74	138				

Sample ID: E110808MB1	SampType: MBLK	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 81005						
Client ID: PBW	Batch ID: E11VW040	TestNo: EPA 8015B		Analysis Date: 8/8/2011	SeqNo: 1294007						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	ND	100									
Surr: Chlorobenzene - d5	51.777		50.00		104	74	138				

Sample ID: N006224-001CMS	SampType: MS	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 81005						
Client ID: ZZZZZ	Batch ID: E11VW040	TestNo: EPA 8015B		Analysis Date: 8/8/2011	SeqNo: 1294008						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	898.000	100	1000	0	89.8	67	136				
Surr: Chlorobenzene - d5	48.586		50.00		97.2	74	138				

Sample ID: N006224-001CMSD	SampType: MSD	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 81005						
Client ID: ZZZZZ	Batch ID: E11VW040	TestNo: EPA 8015B		Analysis Date: 8/8/2011	SeqNo: 1294009						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	872.000	100	1000	0	87.2	67	136	898.0	2.94	0	0
Surr: Chlorobenzene - d5	47.183		50.00		94.4	74	138		0	0	0

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

TestCode: 8260_WP_SFPP

Sample ID: D110803LCS	SampType: LCS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925						
Client ID: LCSW	Batch ID: D111VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291028						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	20.130	0.50	20.00	0	101	69	133				
1,2-Dichloroethane	20.490	0.50	20.00	0	102	69	132				
Benzene	19.170	1.0	20.00	0	95.9	81	122				
Ethylbenzene	19.880	1.0	20.00	0	99.4	73	127				
m,p-Xylene	41.700	1.0	40.00	0	104	76	128				
MTBE	19.020	1.0	20.00	0	95.1	65	123				
o-Xylene	19.990	1.0	20.00	0	100	80	121				
Tert-Butanol	114.410	5.0	100.0	0	114	70	130				
Toluene	19.890	2.0	20.00	0	99.4	77	122				
Xylenes, Total	61.690	2.0	60.00	0	103	75	125				
Surr: 1,2-Dichloroethane-d4	25.940		25.00		104	72	119				
Surr: 4-Bromofluorobenzene	25.210		25.00		101	76	119				
Surr: Dibromofluoromethane	27.390		25.00		110	85	115				
Surr: Toluene-d8	25.660		25.00		103	81	120				

Sample ID: N006208-001AMS	SampType: MS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925						
Client ID: ZZZZZ	Batch ID: D111VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291029						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	19.400	0.50	20.00	0	97.0	69	133				
1,2-Dichloroethane	17.600	0.50	20.00	0	88.0	69	132				
Benzene	19.110	1.0	20.00	0	95.6	81	122				
Ethylbenzene	21.130	1.0	20.00	0	106	73	127				
m,p-Xylene	44.130	1.0	40.00	0	110	76	128				
MTBE	15.610	1.0	20.00	0.4100	76.0	65	123				
o-Xylene	21.080	1.0	20.00	0	105	80	121				
Tert-Butanol	76.560	5.0	100.0	0	76.6	70	130				
Toluene	20.030	2.0	20.00	0	100	77	122				
Xylenes, Total	65.210	2.0	60.00	0	109	75	125				
Surr: 1,2-Dichloroethane-d4	21.580		25.00		86.3	72	119				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: N006208-001AMS	SampType: MS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925						
Client ID: ZZZZZ	Batch ID: D11VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291029						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	25.440		25.00		102	76	119				
Surr: Dibromofluoromethane	24.910		25.00		99.6	85	115				
Surr: Toluene-d8	25.650		25.00		103	81	120				

Sample ID: N006208-001AMSD	SampType: MSD	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925						
Client ID: ZZZZZ	Batch ID: D11VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291030						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	20.440	0.50	20.00	0	102	69	133	19.40	5.22	20	
1,2-Dichloroethane	18.100	0.50	20.00	0	90.5	69	132	17.60	2.80	20	
Benzene	19.670	1.0	20.00	0	98.4	81	122	19.11	2.89	20	
Ethylbenzene	21.190	1.0	20.00	0	106	73	127	21.13	0.284	20	
m,p-Xylene	44.050	1.0	40.00	0	110	76	128	44.13	0.181	20	
MTBE	17.050	1.0	20.00	0.4100	83.2	65	123	15.61	8.82	20	
o-Xylene	21.250	1.0	20.00	0	106	80	121	21.08	0.803	20	
Tert-Butanol	80.960	5.0	100.0	0	81.0	70	130	76.56	5.59	20	
Toluene	20.520	2.0	20.00	0	103	77	122	20.03	2.42	20	
Xylenes, Total	65.300	2.0	60.00	0	109	75	125	65.21	0.138	20	
Surr: 1,2-Dichloroethane-d4	22.110		25.00		88.4	72	119		0		
Surr: 4-Bromofluorobenzene	25.360		25.00		101	76	119		0		
Surr: Dibromofluoromethane	26.400		25.00		106	85	115		0		
Surr: Toluene-d8	26.250		25.00		105	81	120		0		

Sample ID: D110803MB3	SampType: MBLK	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925						
Client ID: PBW	Batch ID: D11VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291031						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Benzene	ND	1.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006224
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: D110803MB3	SampType: MBLK	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925						
Client ID: PBW	Batch ID: D11VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291031						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ethylbenzene	ND	1.0									
m,p-Xylene	ND	1.0									
MTBE	ND	1.0									
o-Xylene	ND	1.0									
Tert-Butanol	ND	5.0									
Toluene	ND	2.0									
Xylenes, Total	ND	2.0									
Surr: 1,2-Dichloroethane-d4	22.880		25.00		91.5	72		119			
Surr: 4-Bromofluorobenzene	25.860		25.00		103	76		119			
Surr: Dibromofluoromethane	24.840		25.00		99.4	85		115			
Surr: Toluene-d8	26.650		25.00		107	81		120			

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

August 09, 2011



Marlon Cartin
Advanced Technology Laboratory-Las Vegas
3151 W Post Rd.
Las Vegas, NV 89118
TEL: (702) 307-2659
FAX: (702) 307-2691

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
Workorder No.: 119239

RE:

Attention: Marlon Cartin

Enclosed are the results for sample(s) received on August 02, 2011 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "Eddie F. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: 09-Aug-11

CLIENT: Advanced Technology Laboratory-Las Vega **Client Sample ID:** N006224-001E / EFF-08-02
Lab Order: 119239 **Collection Date:** 8/2/2011 12:00:00 PM
Project: **Matrix:** WASTEWATER
Lab ID: 119239-001A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
-----------------	---------------	------------	-------------	--------------	-----------	----------------------

SETTLABLE MATTER

SM2540F

RunID: WETCHEM_110803A	QC Batch: 74708			PrepDate: 8/3/2011		Analyst: PT
Settleable Matter	ND	0.10		ml/L	1	8/3/2011

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: 09-Aug-11

CLIENT: Advanced Technology Laboratory-Las Vega **Client Sample ID:** N006224-001F / EFF-08-02
Lab Order: 119239 **Collection Date:** 8/2/2011 12:00:00 PM
Project: **Matrix:** WASTEWATER
Lab ID: 119239-002A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

PHENOLICS

EPA 420.1

RunID: WETCHEM3_110804D	QC Batch: 74750				PrepDate: 8/4/2011	Analyst: AAG
Phenolics, Total Recoverable	ND	0.030		mg/L	1	8/4/2011

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Advanced Technology Laboratory-Las Vegas

Work Order: 119239

Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 2540F_CH2

Sample ID: MB-74708	SampType: MBLK	TestCode: 2540F_CH2	Units: ml/L	Prep Date: 8/3/2011	RunNo: 135550						
Client ID: PBW	Batch ID: 74708	TestNo: SM2540F		Analysis Date: 8/3/2011	SeqNo: 2220016						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Settleable Matter	ND	0.10									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Advanced Technology Laboratory-Las Vegas
Work Order: 119239
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 420.1_W_CH2

Sample ID: 119239-002A-MS	SampType: MS	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 8/4/2011	RunNo: 135597						
Client ID: N006224-001F / EFF-	Batch ID: 74750	TestNo: EPA 420.1	Analysis Date: 8/4/2011	SeqNo: 2220817							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.482	0.030	2.500	0.02200	98.4	80	120				

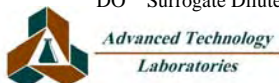
Sample ID: 119239-002A-MSD	SampType: MSD	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 8/4/2011	RunNo: 135597						
Client ID: N006224-001F / EFF-	Batch ID: 74750	TestNo: EPA 420.1	Analysis Date: 8/4/2011	SeqNo: 2220818							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.445	0.030	2.500	0.02200	96.9	80	120	2.482	1.50	20	

Sample ID: LCS-74750	SampType: LCS	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 8/4/2011	RunNo: 135597						
Client ID: LCSW	Batch ID: 74750	TestNo: EPA 420.1	Analysis Date: 8/4/2011	SeqNo: 2220819							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.511	0.030	2.500	0	100	80	120				

Sample ID: MB-74750	SampType: MBLK	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 8/4/2011	RunNo: 135597						
Client ID: PBW	Batch ID: 74750	TestNo: EPA 420.1	Analysis Date: 8/4/2011	SeqNo: 2220820							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	ND	0.030									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |





Advanced Technology Laboratories

3151-3153 W Post Rd., Las Vegas, NV 89118
www.atlglobal.com
TEL: 7023072659 FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

QC Level: RTNE

Subcontractor:

Advanced Technology Laboratories - Signal Hill
3283 Walnut Ave.
Signal Hill, California

TEL: (562) 989-4045
FAX: (562) 989-4045
Acct #:

Field Sampler: *James Dye*

02-Aug-11

Sample ID	Matrix	Date Collected	Bottle Type	EPA 420.1	Requested Tests
N006224-001E / EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	32OZG		SM2540F
N006224-001F / EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	32OZG	1	1

General Comments: Please email sample receipt acknowledgement to the PM.
Please use PO#:N006224 Please e-mail results by: CH2MHILL Norwalk samples.

Relinquished by: *CPJ*

Date/Time

8/2/11

Received by:


[Signature]

Date/Time

8/2/11 1629

Relinquished by:

CHAIN OF CUSTODY RECORD

 <p>ADVANCED TECHNOLOGY LABORATORIES</p> <p>3275 Walnut Ave., Signal Hill, CA 90755 Tel: (562) 989-4045 • Fax: (562) 989-4040</p>		<p>P.O. # _____ Quote #: _____ Date: _____</p> <p>Logged By: _____</p> <p>NOTE: Please include your Quote No. to ensure proper pricing of your project.</p>		<p>FOR LABORATORY USE ONLY</p> <p>Method of Transport <input type="checkbox"/> Client <input type="checkbox"/> ATL <input type="checkbox"/> FedEx <input type="checkbox"/> OnTrac <input type="checkbox"/> GSO <input type="checkbox"/> Other: _____</p> <p>Sample Condition Upon Receipt 1. CHILLED Y <input type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/></p>	
<p>Client: Advanced Technology Laboratory Attention: _____ Project Name: CH2M Hill -Norwalk</p>		<p>Address: 3151 W Post Rd. City: Las Vegas State: NV Zip Code: 89118 Sampler: _____ Tel: (702) 307-2659 Fax: _____ (Signature)</p>		<p>Received by: (Signature and Printed Name) _____ Date: _____ Time: _____</p> <p>Received by: (Signature and Printed Name) _____ Date: _____ Time: _____</p> <p>Received by: (Signature and Printed Name) _____ Date: _____ Time: _____</p>	
<p>Special Instructions/Comments: 15 min Shipping Time</p>		<p>Bill To: _____ Attn: _____ Co: _____ Addr: _____ City: _____ State: _____ Zip: _____</p>		<p>Circle or Add Analysis(es) Requested: 8081A (Pesticides) 8082 (PCB) 8260B (Volatiles) 8270C (BNA) 6010B (Total Metal) 8015B (GRO) / 8021 (BTEX) 8015B (DRO) TITLE 22 / CAM 17 (6010 / 7000) Field Services X</p>	
<p>I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: _____ Date: _____</p>		<p>Send Report To: Attn: _____ Co: _____ Addr: _____ City: _____ State: _____ Zip: _____</p>		<p>Sample ID / Location Date Time</p> <p>110799-N 8/2/2011</p>	
<p>LAB USE ONLY: Batch # _____ Lab No. _____</p>		<p>Sample Description</p>		<p>Specify Appropriate Matrix</p> <p>Container(s) Type</p> <p>TAT #</p> <p>REMARKS</p>	
<p>Sample/Records - Archival & Disposal Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.</p>		<p>Storage Fees (applies when storage is requested): ■ Sample: \$2.00 / sample /mo (after 45 days) ■ Records: \$1 /ATL workorder /mo (after 1 year)</p>		<p>QA/QC RTNE _____ CT _____ Legal _____ SWRCB Logcode _____ OTHER _____</p>	
<p>TAT starts 8AM the following day if samples received after 5 PM</p>		<p>TAT: <input type="checkbox"/> A = Overnight ≤ 24 hrs <input type="checkbox"/> B = Emergency Next Workday <input type="checkbox"/> C = Critical 2 Workdays <input type="checkbox"/> D = Urgent 3 Workdays <input type="checkbox"/> E = Routine 7 Workdays</p>		<p>Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4°C Z=Zn(Ac)₂ O=NaOH T=Na₂S₂O₃</p>	

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
 3151 W. Post Road
 Las Vegas, NV 89118
 Tel: 702-307-2659 Fax: 702-307-2691
 Marlon Cartin (marlon@atl-labs.com)

DATE: 8/2/11
 PAGE: 1 OF 2

LABORATORY CLIENT: Kinder Morgan Energy Partners, Attn: Steve Defibaugh ADDRESS: 1100 Town & Country Road CITY: Orange, CA 92868		CLIENT PROJECT NAME / NUMBER: SFPP - Norwalk Site		P.O. NO.: QUOTE NO.: LAB USE ONLY:	
TEL: 714-560-4802 TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWOCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL / /		PROJECT CONTACT: James Dye SAMPLER(S) (SIGNATURE):		E-MAIL: james_dye@kindermorgan.com	
FAX: 714-560-4601		REQUESTED ANALYSIS			
SPECIAL INSTRUCTIONS: Report to D. Jablonski/CH2M HILL, cc: KMEP Direct Bill KMEP/SFPP - Steve Defibaugh-ref. AFE# 81195 "J" flags required/Use lowest possible detection limit - all methods.		X Oil & Grease (1664) X TPH-g, TPH-d, and TPH-ol (6015B) X Settleable Solids (SM2540F) X Total Suspended Solids (SM2540D) X Phenol (420.1) X BTEX, 1,1-DCA, 1,2-DCA (8260B) X MTBE and TBA, (8260B) 24HR TAT X Cu, Pb, Ti, and Zn (200.8) X Se (200.8) 24 HR TAT; Hg (7470A) X 24 HR TAT X Cr VI (7199)			
SAMPLE ID: EFF-08-02		LOCATION/ DESCRIPTION: Effluent		COMMENTS:	
DATE: 8/2/11		TIME: 1200		Temperature* = 21.8 Temperature* = (Temp. as sampled*)	
MAT- RIX: WN		NO. OF CONT.: 24		Monthly	
Relinquished by: (Signature)		Received by: (Signature)		Date: 8/2/11 Time: 1400	
Relinquished by: (Signature)		Received by: (Signature)		Date: 8/2/11 Time: 1430	
Relinquished by: (Signature)		Received by: (Signature)		Date: 8/2/11 Time: 9:00	
Revised: 07/29/2011					

OnTrac
 FROM (Company) **800-334-5000**
 Call For A Pickup!

B1

Account Number
 Date



Street Address
 City
 State
 Zip Code (Required)
 Phone Number

PLEASE PRINT IN BLOCK LETTERS with Blue / Black Ink

TO (Company) WE CANNOT DELIVER TO A P.O. BOX

Street Address
 City
 State
 Zip Code (Required)
 Phone Number

Recipient's Name
 Shipper's Ref. #

Service Options
 If no box is checked, Service Center will be notified.
 *Minimum charge applies to 500 lbs. *Delivery by 5:00 P.M.
 Note: delivery times for all services may be later on some dates.
 Check service guide or visit our website for details.

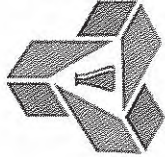
SUNRISE - BY 10:30 AM*
 SUNRISE GOLD - BY 8:00 AM*
 HEAVYWEIGHT**
 Saturday Delivery - Extra Charge
 (see Service Guide for details)
 HOLD FOR PICKUP
 This shipment requires a delivery signature.
 Declared Value \$ (maximum \$25,000)
 C.O.D. Amount \$ Limit \$10,000
 (with C.O.D. tag to accompany)

Bill Sh.
 Bill Of

Dim weight
 L in.

Sec (Mc)
 Uns (Cc)

Driver # Pickup Time Shipper's Signa
 Driver's Initials Shipper's Name



Advanced Technology Laboratories

3151-3153 W Post Rd., Las Vegas, NV 89118
www.atlglobal.com
TEL: 7023072659 FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

QC Level: RTNE

Subcontractor:

Advanced Technology Laboratories - Signal Hill
3283 Walnut Ave.
Signal Hill, California

TEL: (562) 989-4045
FAX: (562) 989-4045
Acct #:

Field Sampler:

James Dye

02-Aug-11

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests
N006224-001E / EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	32OZG	SM2540F
N006224-001F / EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	32OZG	1

General Comments: Please email sample receipt acknowledgement to the PM.
Please use PO#: N006224 Please e-mail results by: CH2MHILL Nonwalk samples.

Date/Time

Date/Time

Relinquished by: *CFJ* Received by: *8/2/11*
Relinquished by: Received by:

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 8/3/2011

Workorder: N006224

Rep sample Temp (Deg C): 2.8

IR Gun ID: IR#1

Temp Blank: Yes No

Carrier name: OnTrac

Last 4 digits of Tracking No.:

Packing Material Used: None

Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By

GG



Reviewed By:



August 16, 2011

Daniel Jablonski
CH2M HILL
155 Grand Avenue, Suite 1000
Oakland, CA 94612
TEL: (213)228-8271
FAX: (510) 622-9129

CA-ELAP No.:2676
NV Cert. No.:NV-009222007A

Workorder No.: N006225

RE: SFPP - Norwalk Site

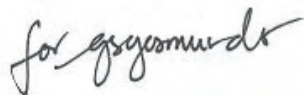
Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on August 02, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006225

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Subcontracted Analyses:

Cyanide by SM 4500 CN E was subcontracted to Advanced Technology Laboratories-Signal Hill, CA .

Asbestos was subcontracted to EMS Laboratories.

Analytical Comments for EPA 8260B:

Laboratory Control Sample (LCS) recovery biased high for Acrolein and Acrylonitrile. Sample results were non-detect (ND) for these analytes therefore reanalysis of the samples was not necessary.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes on QC samples N006208-001AMS, N006225-001CMS, N006208-001AMSD, and N006225-001CMSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) for Chloroethane is outside criteria for some analytes. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006225
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N006225-001A	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006225-001B	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006225-001C	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006225-001D	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006225-001E	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	
N006225-001F	EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	8/2/2011	



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 16-Aug-11

CLIENT: CH2M HILL
Lab Order: N006225
Project: SFPP - Norwalk Site
Lab ID: N006225-001

Client Sample ID: EFF-08-02
Collection Date: 8/2/2011 12:00:00 PM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3510C

EPA 8270C

RunID:	MS3_110808B	QC Batch:	37549	PrepDate:	8/6/2011	Analyst:	JT
	1,2-Diphenylhydrazine	ND	3.6	10	µg/L	1	8/8/2011 03:39 PM
	2,4,6-Trichlorophenol	ND	4.5	10	µg/L	1	8/8/2011 03:39 PM
	2,4-Dichlorophenol	ND	4.3	10	µg/L	1	8/8/2011 03:39 PM
	2,4-Dimethylphenol	ND	3.6	10	µg/L	1	8/8/2011 03:39 PM
	2,4-Dinitrophenol	ND	3.3	50	µg/L	1	8/8/2011 03:39 PM
	2,4-Dinitrotoluene	ND	3.8	10	µg/L	1	8/8/2011 03:39 PM
	2,6-Dinitrotoluene	ND	4.0	10	µg/L	1	8/8/2011 03:39 PM
	2-Chloronaphthalene	ND	4.0	10	µg/L	1	8/8/2011 03:39 PM
	2-Chlorophenol	ND	3.7	10	µg/L	1	8/8/2011 03:39 PM
	2-Nitrophenol	ND	4.7	10	µg/L	1	8/8/2011 03:39 PM
	3,3'-Dichlorobenzidine	ND	3.6	20	µg/L	1	8/8/2011 03:39 PM
	4,6-Dinitro-2-methylphenol	ND	2.9	50	µg/L	1	8/8/2011 03:39 PM
	4-Bromophenyl-phenylether	ND	3.9	10	µg/L	1	8/8/2011 03:39 PM
	4-Chloro-3-methylphenol	ND	3.4	50	µg/L	1	8/8/2011 03:39 PM
	4-Chlorophenyl-phenylether	ND	3.5	10	µg/L	1	8/8/2011 03:39 PM
	4-Nitrophenol	ND	1.5	50	µg/L	1	8/8/2011 03:39 PM
	Acenaphthene	ND	4.2	10	µg/L	1	8/8/2011 03:39 PM
	Acenaphthylene	ND	3.9	10	µg/L	1	8/8/2011 03:39 PM
	Anthracene	ND	3.7	10	µg/L	1	8/8/2011 03:39 PM
	Benzidine (M)	ND	2.3	50	µg/L	1	8/8/2011 03:39 PM
	Benzo(a)anthracene	ND	5.2	10	µg/L	1	8/8/2011 03:39 PM
	Benzo(a)pyrene	ND	5.5	10	µg/L	1	8/8/2011 03:39 PM
	Benzo(b)fluoranthene	ND	5.7	10	µg/L	1	8/8/2011 03:39 PM
	Benzo(g,h,i)perylene	ND	5.8	10	µg/L	1	8/8/2011 03:39 PM
	Benzo(k)fluoranthene	ND	5.4	10	µg/L	1	8/8/2011 03:39 PM
	Bis(2-chloroethoxy)methane	ND	4.6	10	µg/L	1	8/8/2011 03:39 PM
	Bis(2-chloroethyl)ether	ND	5.5	10	µg/L	1	8/8/2011 03:39 PM
	Bis(2-chloroisopropyl)ether	ND	4.3	10	µg/L	1	8/8/2011 03:39 PM
	Bis(2-ethylhexyl)phthalate	ND	2.7	10	µg/L	1	8/8/2011 03:39 PM
	Butylbenzylphthalate	ND	3.4	10	µg/L	1	8/8/2011 03:39 PM
	Chrysene	ND	2.3	10	µg/L	1	8/8/2011 03:39 PM
	Di-n-butylphthalate	ND	3.0	10	µg/L	1	8/8/2011 03:39 PM
	Di-n-octylphthalate	ND	3.0	10	µg/L	1	8/8/2011 03:39 PM
	Dibenz(a,h)anthracene	ND	5.7	10	µg/L	1	8/8/2011 03:39 PM
	Diethylphthalate	ND	3.3	10	µg/L	1	8/8/2011 03:39 PM
	Dimethylphthalate	ND	3.7	10	µg/L	1	8/8/2011 03:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interferenc
	Results are wet unless otherwise specified		DO	Surrogate Diluted Out



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 16-Aug-11

CLIENT: CH2M HILL
Lab Order: N006225
Project: SFPP - Norwalk Site
Lab ID: N006225-001

Client Sample ID: EFF-08-02
Collection Date: 8/2/2011 12:00:00 PM
Matrix: WASTEWATER

Analyses **Result** **MDL** **PQL** **Qual** **Units** **DF** **Date Analyzed**

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3510C

EPA 8270C

RunID:	MS3_110808B	QC Batch:	37549	PrepDate:	8/6/2011	Analyst:	JT
Fluoranthene	ND	3.1	10	µg/L	1	8/8/2011 03:39 PM	
Fluorene	ND	3.6	10	µg/L	1	8/8/2011 03:39 PM	
Hexachlorobenzene	ND	4.0	10	µg/L	1	8/8/2011 03:39 PM	
Hexachlorocyclopentadiene	ND	4.4	10	µg/L	1	8/8/2011 03:39 PM	
Hexachloroethane	ND	4.7	10	µg/L	1	8/8/2011 03:39 PM	
Indeno(1,2,3-cd)pyrene	ND	5.6	10	µg/L	1	8/8/2011 03:39 PM	
Isophorone	ND	4.4	10	µg/L	1	8/8/2011 03:39 PM	
N-Nitrosodi-n-propylamine	ND	5.1	10	µg/L	1	8/8/2011 03:39 PM	
N-Nitrosodimethylamine	ND	3.1	50	µg/L	1	8/8/2011 03:39 PM	
N-Nitrosodiphenylamine	ND	4.0	10	µg/L	1	8/8/2011 03:39 PM	
Nitrobenzene	ND	4.6	10	µg/L	1	8/8/2011 03:39 PM	
Pentachlorophenol	ND	3.0	50	µg/L	1	8/8/2011 03:39 PM	
Phenanthrene	ND	3.7	50	µg/L	1	8/8/2011 03:39 PM	
Phenol	ND	1.5	10	µg/L	1	8/8/2011 03:39 PM	
Pyrene	ND	3.2	10	µg/L	1	8/8/2011 03:39 PM	
Surr: 1,2-Dichlorobenzene-d4	56.6	0	27-100	%REC	1	8/8/2011 03:39 PM	
Surr: 2,4,6-Tribromophenol	67.7	0	42-124	%REC	1	8/8/2011 03:39 PM	
Surr: 2-Chlorophenol-d4	56.8	0	34-98	%REC	1	8/8/2011 03:39 PM	
Surr: 2-Fluorobiphenyl	59.4	0	48-120	%REC	1	8/8/2011 03:39 PM	
Surr: 2-Fluorophenol	49.9	0	20-120	%REC	1	8/8/2011 03:39 PM	
Surr: 4-Terphenyl-d14	104	0	51-135	%REC	1	8/8/2011 03:39 PM	
Surr: Nitrobenzene-d5	60.8	0	41-120	%REC	1	8/8/2011 03:39 PM	
Surr: Phenol-d5	32.3	0	20-120	%REC	1	8/8/2011 03:39 PM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_110803A	QC Batch:	D11VW109	PrepDate:	Analyst:	QBM
1,1,1-Trichloroethane	ND	0.068	1.0	µg/L	1	8/3/2011 01:51 PM
1,1,2,2-Tetrachloroethane	ND	0.054	1.0	µg/L	1	8/3/2011 01:51 PM
1,1,2-Trichloroethane	ND	0.083	1.0	µg/L	1	8/3/2011 01:51 PM
1,1-Dichloroethene	ND	0.094	1.0	µg/L	1	8/3/2011 01:51 PM
1,2,4-Trichlorobenzene	ND	0.12	1.0	µg/L	1	8/3/2011 01:51 PM
1,2-Dichlorobenzene	ND	0.070	1.0	µg/L	1	8/3/2011 01:51 PM
1,2-Dichloropropane	ND	0.085	1.0	µg/L	1	8/3/2011 01:51 PM
1,3-Dichlorobenzene	ND	0.090	1.0	µg/L	1	8/3/2011 01:51 PM
1,4-Dichlorobenzene	ND	0.092	1.0	µg/L	1	8/3/2011 01:51 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike/Surrogate outside of limits due to matrix interferenc
Results are wet unless otherwise specified DO Surrogate Diluted Out



Advanced Technology
Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 16-Aug-11

CLIENT: CH2M HILL
Lab Order: N006225
Project: SFPP - Norwalk Site
Lab ID: N006225-001

Client Sample ID: EFF-08-02
Collection Date: 8/2/2011 12:00:00 PM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_110803A	QC Batch: D11VW109	PrepDate:	Analyst: QBM			
2-Chloroethyl vinyl ether	ND	0.14	1.0	µg/L	1	8/11/2011 02:58 PM
Acrolein	ND	4.3	20	µg/L	1	8/3/2011 01:51 PM
Acrylonitrile	ND	0.61	20	µg/L	1	8/3/2011 01:51 PM
Bromodichloromethane	ND	0.063	1.0	µg/L	1	8/3/2011 01:51 PM
Bromoform	ND	0.086	1.0	µg/L	1	8/3/2011 01:51 PM
Bromomethane	ND	0.13	1.0	µg/L	1	8/3/2011 01:51 PM
Carbon tetrachloride	ND	0.10	1.0	µg/L	1	8/3/2011 01:51 PM
Chlorobenzene	ND	0.092	1.0	µg/L	1	8/3/2011 01:51 PM
Chloroethane	ND	0.14	1.0	µg/L	1	8/3/2011 01:51 PM
Chloroform	ND	0.058	1.0	µg/L	1	8/3/2011 01:51 PM
Chloromethane	ND	0.054	1.0	µg/L	1	8/3/2011 01:51 PM
cis-1,3-Dichloropropene	ND	0.10	1.0	µg/L	1	8/3/2011 01:51 PM
Dibromochloromethane	ND	0.061	1.0	µg/L	1	8/3/2011 01:51 PM
Ethylbenzene	ND	0.051	1.0	µg/L	1	8/3/2011 01:51 PM
Hexachlorobutadiene	ND	0.17	1.0	µg/L	1	8/3/2011 01:51 PM
Methylene chloride	ND	0.10	2.0	µg/L	1	8/3/2011 01:51 PM
Naphthalene	ND	0.056	1.0	µg/L	1	8/3/2011 01:51 PM
Tetrachloroethene	ND	0.13	1.0	µg/L	1	8/3/2011 01:51 PM
Toluene	ND	0.12	2.0	µg/L	1	8/3/2011 01:51 PM
trans-1,2-Dichloroethene	ND	0.094	1.0	µg/L	1	8/3/2011 01:51 PM
trans-1,3-Dichloropropene	ND	0.10	1.0	µg/L	1	8/3/2011 01:51 PM
Trichloroethene	ND	0.060	1.0	µg/L	1	8/3/2011 01:51 PM
Vinyl chloride	ND	0.12	1.0	µg/L	1	8/3/2011 01:51 PM
Surr: 1,2-Dichloroethane-d4	93.0	0	72-119	%REC	1	8/3/2011 01:51 PM
Surr: 4-Bromofluorobenzene	105	0	76-119	%REC	1	8/3/2011 01:51 PM
Surr: Dibromofluoromethane	105	0	85-115	%REC	1	8/3/2011 01:51 PM
Surr: Toluene-d8	108	0	81-120	%REC	1	8/3/2011 01:51 PM

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3510C

EPA 8081A

RunID: GC7_110808A	QC Batch: 37557	PrepDate:	8/6/2011	Analyst: MDM		
4,4'-DDD	ND	0.0050	0.050	µg/L	1	8/8/2011 01:15 PM
4,4'-DDE	ND	0.0050	0.050	µg/L	1	8/8/2011 01:15 PM
4,4'-DDT	ND	0.0050	0.050	µg/L	1	8/8/2011 01:15 PM
Aldrin	ND	0.0042	0.025	µg/L	1	8/8/2011 01:15 PM
alpha-BHC	ND	0.0045	0.025	µg/L	1	8/8/2011 01:15 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	S Spike/Surrogate outside of limits due to matrix interferenc
	Results are wet unless otherwise specified	DO Surrogate Diluted Out



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Lab Order: N006225
Project: SFPP - Norwalk Site
Lab ID: N006225-001

Client Sample ID: EFF-08-02
Collection Date: 8/2/2011 12:00:00 PM
Matrix: WASTEWATER

Analyses Result MDL PQL Qual Units DF Date Analyzed

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3510C

EPA 8081A

RunID:	QC Batch:				PrepDate:		Analyst:
GC7_110808A	37557				8/6/2011		MDM
beta-BHC	ND	0.0034	0.025	µg/L	1	8/8/2011 01:15 PM	
Chlordane	ND	0.041	0.25	µg/L	1	8/8/2011 01:15 PM	
delta-BHC	ND	0.0042	0.025	µg/L	1	8/8/2011 01:15 PM	
Dieldrin	ND	0.0047	0.050	µg/L	1	8/8/2011 01:15 PM	
Endosulfan I	ND	0.0037	0.025	µg/L	1	8/8/2011 01:15 PM	
Endosulfan II	ND	0.0045	0.050	µg/L	1	8/8/2011 01:15 PM	
Endosulfan sulfate	ND	0.0065	0.050	µg/L	1	8/8/2011 01:15 PM	
Endrin	ND	0.0034	0.050	µg/L	1	8/8/2011 01:15 PM	
Endrin aldehyde	ND	0.0042	0.050	µg/L	1	8/8/2011 01:15 PM	
gamma-BHC	ND	0.0042	0.025	µg/L	1	8/8/2011 01:15 PM	
Heptachlor	ND	0.0049	0.025	µg/L	1	8/8/2011 01:15 PM	
Heptachlor epoxide	ND	0.0048	0.025	µg/L	1	8/8/2011 01:15 PM	
Toxaphene	ND	0.26	2.5	µg/L	1	8/8/2011 01:15 PM	
Surr: Tetrachloro-m-xylene	40.7	0	33-138	%REC	1	8/8/2011 01:15 PM	
Surr: Decachlorobiphenyl	76.8	0	29-135	%REC	1	8/8/2011 01:15 PM	

PCBS BY GC/ECD

EPA 3510C

EPA 8082

RunID:	QC Batch:				PrepDate:		Analyst:
GC5_110808A	37557				8/6/2011		MDM
Aroclor 1016	ND	0.070	0.50	µg/L	1	8/8/2011 01:15 PM	
Aroclor 1221	ND	0.23	0.50	µg/L	1	8/8/2011 01:15 PM	
Aroclor 1232	ND	0.12	0.50	µg/L	1	8/8/2011 01:15 PM	
Aroclor 1242	ND	0.13	0.50	µg/L	1	8/8/2011 01:15 PM	
Aroclor 1248	ND	0.070	0.50	µg/L	1	8/8/2011 01:15 PM	
Aroclor 1254	ND	0.070	0.50	µg/L	1	8/8/2011 01:15 PM	
Aroclor 1260	ND	0.050	0.50	µg/L	1	8/8/2011 01:15 PM	
Surr: Decachlorobiphenyl	101	0	29-133	%REC	1	8/8/2011 01:15 PM	
Surr: Tetrachloro-m-xylene	56.5	0	50-120	%REC	1	8/8/2011 01:15 PM	

ICPMS METALS

EPA 3010A

EPA 200.8

RunID:	QC Batch:				PrepDate:		Analyst:
ICP7_110803A	37499				8/3/2011		JT
Antimony	0.82	0.019	0.50	µg/L	1	8/3/2011 02:56 PM	
Arsenic	16	0.0025	0.10	µg/L	1	8/3/2011 02:56 PM	
Beryllium	ND	0.0090	0.50	µg/L	1	8/3/2011 02:56 PM	
Cadmium	ND	0.020	0.25	µg/L	1	8/3/2011 02:56 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike/Surrogate outside of limits due to matrix interferenc
Results are wet unless otherwise specified DO Surrogate Diluted Out



CLIENT: CH2M HILL
Lab Order: N006225
Project: SFPP - Norwalk Site
Lab ID: N006225-001

Client Sample ID: EFF-08-02
Collection Date: 8/2/2011 12:00:00 PM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

ICPMS METALS

EPA 3010A

EPA 200.8

RunID: ICP7_110803A	QC Batch: 37499				PrepDate: 8/3/2011	Analyst: JT	
Chromium	ND	0.0080	0.50		µg/L	1	8/3/2011 02:56 PM
Nickel	0.13	0.086	1.0	J	µg/L	1	8/3/2011 02:56 PM
Silver	ND	0.0050	0.25		µg/L	1	8/3/2011 02:56 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interferenc
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out



CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W_SFPP

Sample ID: MB-37499	SampType: MBLK	TestCode: 200.8_W_SFP	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: PBW	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291652						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.052	0.50									J
Arsenic	ND	0.10									
Beryllium	ND	0.50									
Cadmium	ND	0.25									
Chromium	ND	0.50									
Nickel	ND	1.0									
Silver	ND	0.25									

Sample ID: LCS-37499	SampType: LCS	TestCode: 200.8_W_SFP	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: LCSW	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291653						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	9.470	0.50	10.00	0	94.7	85	115				
Arsenic	9.590	0.10	10.00	0	95.9	85	115				
Beryllium	9.521	0.50	10.00	0	95.2	85	115				
Cadmium	9.685	0.25	10.00	0	96.9	85	115				
Chromium	9.065	0.50	10.00	0	90.6	85	115				
Nickel	9.503	1.0	10.00	0	95.0	85	115				
Silver	9.447	0.25	10.00	0	94.5	85	115				

Sample ID: N006227-001B-MS	SampType: MS	TestCode: 200.8_W_SFP	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: ZZZZZZ	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291657						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	9.540	0.50	10.00	0.1301	94.1	75	125				
Arsenic	11.354	0.10	10.00	1.490	98.6	75	125				
Beryllium	9.756	0.50	10.00	0	97.6	75	125				
Cadmium	9.536	0.25	10.00	0.03703	95.0	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W_SFPP

Sample ID: N006227-001B-MS	SampType: MS	TestCode: 200.8_W_SFPP	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: ZZZZZZ	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291657						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.074	0.50	10.00	0.3608	97.1	75	125				
Nickel	8.885	1.0	10.00	0	88.8	75	125				
Silver	9.265	0.25	10.00	0	92.7	75	125				

Sample ID: N006227-001B-MSD	SampType: MSD	TestCode: 200.8_W_SFPP	Units: µg/L	Prep Date: 8/3/2011	RunNo: 80936						
Client ID: ZZZZZZ	Batch ID: 37499	TestNo: EPA 200.8	EPA 3010A	Analysis Date: 8/3/2011	SeqNo: 1291658						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	9.587	0.50	10.00	0.1301	94.6	75	125	9.540	0.487	20	
Arsenic	11.226	0.10	10.00	1.490	97.4	75	125	11.35	1.13	20	
Beryllium	9.692	0.50	10.00	0	96.9	75	125	9.756	0.660	20	
Cadmium	9.548	0.25	10.00	0.03703	95.1	75	125	9.536	0.122	20	
Chromium	10.215	0.50	10.00	0.3608	98.5	75	125	10.07	1.38	20	
Nickel	8.901	1.0	10.00	0	89.0	75	125	8.885	0.180	20	
Silver	9.275	0.25	10.00	0	92.8	75	125	9.265	0.108	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_W_PGE

Sample ID: LCS-37557_OCP	SampType: LCS	TestCode: 8081_W_PGE	Units: µg/L
Client ID: LCSW	Batch ID: 37557	Prep Date: 8/6/2011	RunNo: 80995
		Analysis Date: 8/8/2011	SeqNo: 1293645

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	0.481	0.050	0.5000	0	96.2	50	139				
4,4'-DDE	0.482	0.050	0.5000	0	96.4	48	137				
4,4'-DDT	0.475	0.050	0.5000	0	95.0	47	138				
Aldrin	0.417	0.025	0.5000	0	83.4	42	138				
alpha-BHC	0.450	0.025	0.5000	0	89.9	60	128				
beta-BHC	0.456	0.025	0.5000	0	91.1	66	126				
delta-BHC	0.460	0.025	0.5000	0	92.0	46	136				
Dieldrin	0.471	0.050	0.5000	0	94.1	62	129				
Endosulfan I	0.462	0.025	0.5000	0	92.4	49	120				
Endosulfan II	0.462	0.050	0.5000	0	92.5	42	130				
Endosulfan sulfate	0.450	0.050	0.5000	0	89.9	54	137				
Endrin	0.481	0.050	0.5000	0	96.2	56	134				
Endrin aldehyde	0.440	0.050	0.5000	0	88.1	56	137				
gamma-BHC	0.443	0.025	0.5000	0	88.6	30	146				
Heptachlor	0.448	0.025	0.5000	0	89.6	51	128				
Heptachlor epoxide	0.467	0.025	0.5000	0	93.3	62	131				
Surr: Tetrachloro-m-xylene	0.454		0.5000		90.8	33	138				
Surr: Decachlorobiphenyl	0.455		0.5000		91.1	29	135				

Sample ID: LCS-37557_OCP	SampType: LCS	TestCode: 8081_W_PGE	Units: µg/L
Client ID: LCSS02	Batch ID: 37557	Prep Date: 8/6/2011	RunNo: 80995
		Analysis Date: 8/8/2011	SeqNo: 1293646

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	0.459	0.050	0.5000	0	91.7	50	139	0.4811	4.78	30	
4,4'-DDE	0.461	0.050	0.5000	0	92.2	48	137	0.4821	4.53	30	
4,4'-DDT	0.450	0.050	0.5000	0	90.0	47	138	0.4749	5.43	30	
Aldrin	0.394	0.025	0.5000	0	78.7	42	138	0.4169	5.73	30	
alpha-BHC	0.429	0.025	0.5000	0	85.9	60	128	0.4497	4.64	30	
beta-BHC	0.435	0.025	0.5000	0	87.0	66	126	0.4556	4.69	30	
delta-BHC	0.427	0.025	0.5000	0	85.4	46	136	0.4599	7.40	30	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - H Holding times for preparation or analysis exceeded
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_W_PGE

Sample ID: LCSD-37557_OCP	SampType: LCSD	TestCode: 8081_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 80995						
Client ID: LCSS02	Batch ID: 37557	TestNo: EPA 8081A	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1293646						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.450	0.050	0.5000	0	90.0	62	129	0.4707	4.54	30	
Endosulfan I	0.442	0.025	0.5000	0	88.4	49	120	0.4622	4.50	30	
Endosulfan II	0.440	0.050	0.5000	0	88.0	42	130	0.4625	4.98	30	
Endosulfan sulfate	0.427	0.050	0.5000	0	85.5	54	137	0.4495	5.03	30	
Endrin	0.457	0.050	0.5000	0	91.3	56	134	0.4809	5.15	30	
Endrin aldehyde	0.421	0.050	0.5000	0	84.3	56	137	0.4403	4.39	30	
gamma-BHC	0.419	0.025	0.5000	0	83.7	30	146	0.4432	5.72	30	
Heptachlor	0.424	0.025	0.5000	0	84.7	51	128	0.4481	5.62	30	
Heptachlor epoxide	0.445	0.025	0.5000	0	89.1	62	131	0.4665	4.66	30	
Surr: Tetrachloro-m-xylene	0.431		0.5000		86.1	33	138		0	30	
Surr: Decachlorobiphenyl	0.438		0.5000		87.5	29	135		0	30	

Sample ID: MB-37557	SampType: MBLK	TestCode: 8081_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 80995						
Client ID: PBW	Batch ID: 37557	TestNo: EPA 8081A	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1293647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	0.050									
4,4'-DDE	ND	0.050									
4,4'-DDT	ND	0.050									
Aldrin	ND	0.025									
alpha-BHC	ND	0.025									
beta-BHC	ND	0.025									
Chlordane	ND	0.25									
delta-BHC	ND	0.025									
Dieldrin	ND	0.050									
Endosulfan I	ND	0.025									
Endosulfan II	ND	0.050									
Endosulfan sulfate	ND	0.050									
Endrin	ND	0.050									
Endrin aldehyde	ND	0.050									

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_W_PGE

Sample ID: MB-37557	SampType: MBLK	TestCode: 8081_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 80995		
Client ID: PBW	Batch ID: 37557	TestNo: EPA 8081A	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1293647		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD	RPDLimit	Qual

	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
gamma-BHC	ND	0.025									
Heptachlor	ND	0.025									
Heptachlor epoxide	ND	0.025									
Toxaphene	ND	2.5									
Surr: Tetrachloro-m-xylene	0.230		0.5000		46.0	33	138				
Surr: Decachlorobiphenyl	0.377		0.5000		75.4	29	135				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_W_PGE

Sample ID: LCS-37557	SampType: LCS	TestCode: 8082_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 80996						
Client ID: LCSW	Batch ID: 37557	TestNo: EPA 8082	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1293649						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	4.057	0.50	5.000	0	81.1	40	144				
Aroclor 1260	4.350	0.50	5.000	0	87.0	45	145				
Surr: Decachlorobiphenyl	0.474		0.5000		94.8	29	133				
Surr: Tetrachloro-m-xylene	0.427		0.5000		85.5	50	120				

Sample ID: LCSD-37557	SampType: LCSD	TestCode: 8082_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 80996						
Client ID: LCSS02	Batch ID: 37557	TestNo: EPA 8082	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1293650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	4.596	0.50	5.000	0	91.9	40	144	4.057	12.4	30	
Aroclor 1260	4.699	0.50	5.000	0	94.0	45	145	4.350	7.71	30	
Surr: Decachlorobiphenyl	0.521		0.5000		104	29	133		0		
Surr: Tetrachloro-m-xylene	0.460		0.5000		91.9	50	120		0		

Sample ID: MB-37557	SampType: MBLK	TestCode: 8082_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 80996						
Client ID: PBW	Batch ID: 37557	TestNo: EPA 8082	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1293651						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.50									
Aroclor 1221	ND	1.0									
Aroclor 1232	ND	0.50									
Aroclor 1242	ND	0.50									
Aroclor 1248	ND	0.50									
Aroclor 1254	ND	0.50									
Aroclor 1260	ND	0.50									
Surr: Decachlorobiphenyl	0.501		0.5000		100	29	133				
Surr: Tetrachloro-m-xylene	0.296		0.5000		59.3	50	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: D110803LCS	SampType: LCS	TestCode: 8260_WP_SF	Units: µg/L
Client ID: LCSW	Batch ID: D11VW109	TestNo: EPA 8260B	Prep Date:
RunNo: 80925		SeqNo: 1291028	
Analysis Date: 8/3/2011			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	17.560	1.0	20.00	0	87.8	67	132				
1,1,2,2-Tetrachloroethane	20.530	1.0	20.00	0	103	63	128				
1,1,2-Trichloroethane	19.970	1.0	20.00	0	99.8	75	125				
1,1-Dichloroethane	21.130	1.0	20.00	0	106	68	130				
1,2,4-Trichlorobenzene	19.810	1.0	20.00	0	99.0	66	134				
1,2-Dichlorobenzene	20.020	1.0	20.00	0	100	71	122				
1,2-Dichloropropane	18.400	1.0	20.00	0	92.0	75	125				
1,3-Dichlorobenzene	19.850	1.0	20.00	0	99.2	75	124				
1,4-Dichlorobenzene	19.590	1.0	20.00	0	98.0	74	123				
Acrolein	349.390	20	200.0	0	175	75	125				S
Acrylonitrile	287.930	20	200.0	0	144	75	125				S
Bromodichloromethane	20.650	1.0	20.00	0	103	76	121				
Bromoform	22.080	1.0	20.00	0	110	69	128				
Bromomethane	19.680	1.0	20.00	0	98.4	53	141				
Carbon tetrachloride	19.160	1.0	20.00	0	95.8	66	138				
Chlorobenzene	19.670	1.0	20.00	0	98.4	81	122				
Chloroethane	19.170	1.0	20.00	0	95.9	58	133				
Chloroform	20.580	1.0	20.00	0	103	69	128				
Chloromethane	16.820	1.0	20.00	0	84.1	56	131				
cis-1,3-Dichloropropene	20.180	1.0	20.00	0	101	69	131				
Dibromochloromethane	23.750	1.0	20.00	0	119	66	133				
Ethylbenzene	19.880	1.0	20.00	0	99.4	73	127				
Hexachlorobutadiene	20.310	1.0	20.00	0	102	67	131				
Methylene chloride	20.010	2.0	20.00	0	100	63	137				
Naphthalene	19.520	1.0	20.00	0	97.6	54	138				
Tetrachloroethene	19.600	1.0	20.00	0	98.0	66	128				
Toluene	19.890	2.0	20.00	0	99.4	77	122				
trans-1,2-Dichloroethene	20.940	1.0	20.00	0	105	63	137				
trans-1,3-Dichloropropene	22.880	1.0	20.00	0	114	59	135				
Trichloroethene	18.560	1.0	20.00	0	92.8	70	127				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: D110803LCS	SampType: LCS	TestCode: 8260_WP_SF	Units: µg/L	RunNo: 80925
Client ID: LCSW	Batch ID: D111VW109	TestNo: EPA 8260B		SeqNo: 1291028
Prep Date:		Analysis Date: 8/3/2011		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	18.440	1.0	20.00	0	92.2	50	134				
Surr: 1,2-Dichloroethane-d4	25.940		25.00		104	72	119				
Surr: 4-Bromofluorobenzene	25.210		25.00		101	76	119				
Surr: Dibromofluoromethane	27.390		25.00		110	85	115				
Surr: Toluene-d8	25.660		25.00		103	81	120				

Sample ID: N006208-001AMS	SampType: MS	TestCode: 8260_WP_SF	Units: µg/L	RunNo: 80925
Client ID: ZZZZZ	Batch ID: D111VW109	TestNo: EPA 8260B		SeqNo: 1291029
Prep Date:		Analysis Date: 8/3/2011		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	17.230	1.0	20.00	0	86.2	67	132				
1,1,2,2-Tetrachloroethane	17.000	1.0	20.00	0	85.0	63	128				
1,1,2-Trichloroethane	17.370	1.0	20.00	0	86.9	75	125				
1,1-Dichloroethene	20.690	1.0	20.00	0	103	68	130				
1,2,4-Trichlorobenzene	21.780	1.0	20.00	0	109	66	134				
1,2-Dichlorobenzene	20.130	1.0	20.00	0	101	71	122				
1,2-Dichloropropane	17.780	1.0	20.00	0	88.9	75	125				
1,3-Dichlorobenzene	20.880	1.0	20.00	0	104	75	124				
1,4-Dichlorobenzene	20.530	1.0	20.00	0	103	74	123				
Acrolein	43.700	20	200.0	0	21.8	75	125				S
Acrylonitrile	186.420	20	200.0	0	93.2	75	125				
Bromodichloromethane	20.010	1.0	20.00	0	100	76	121				
Bromoform	18.740	1.0	20.00	0	93.7	69	128				
Bromomethane	19.370	1.0	20.00	0	96.9	53	141				
Carbon tetrachloride	19.350	1.0	20.00	0	96.8	66	138				
Chlorobenzene	20.300	1.0	20.00	0	102	81	122				
Chloroethane	30.390	1.0	20.00	0	152	58	133				S
Chloroform	19.550	1.0	20.00	0	97.8	69	128				
Chloromethane	20.370	1.0	20.00	0	102	56	131				
cis-1,3-Dichloropropene	18.700	1.0	20.00	0	93.5	69	131				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: N006208-001AMS	SampType: MS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925
Client ID: ZZZZZZ	Batch ID: D111VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291029

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	21.480	1.0	20.00	0	107	66	133				
Ethylbenzene	21.130	1.0	20.00	0	106	73	127				
Hexachlorobutadiene	22.900	1.0	20.00	0	114	67	131				
Methylene chloride	18.190	2.0	20.00	0	91.0	63	137				
Naphthalene	18.900	1.0	20.00	0.3600	92.7	54	138				
Tetrachloroethene	20.970	1.0	20.00	0	105	66	128				
Toluene	20.030	2.0	20.00	0	100	77	122				
trans-1,2-Dichloroethene	19.390	1.0	20.00	0	97.0	63	137				
trans-1,3-Dichloropropene	19.940	1.0	20.00	0	99.7	59	135				
Trichloroethene	18.510	1.0	20.00	0	92.6	70	127				
Vinyl chloride	18.310	1.0	20.00	0	91.6	50	134				
Surr: 1,2-Dichloroethane-d4	21.580		25.00		86.3	72	119				
Surr: 4-Bromofluorobenzene	25.440		25.00		102	76	119				
Surr: Dibromofluoromethane	24.910		25.00		99.6	85	115				
Surr: Toluene-d8	25.650		25.00		103	81	120				

Sample ID: N006208-001AMS	SampType: MSD	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925
Client ID: ZZZZZZ	Batch ID: D111VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291030

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	17.970	1.0	20.00	0	89.8	67	132	17.23	4.20	20	
1,1,2,2-Tetrachloroethane	17.700	1.0	20.00	0	88.5	63	128	17.00	4.03	20	
1,1,2-Trichloroethane	18.430	1.0	20.00	0	92.2	75	125	17.37	5.92	20	
1,1-Dichloroethene	21.410	1.0	20.00	0	107	68	130	20.69	3.42	20	
1,2,4-Trichlorobenzene	21.720	1.0	20.00	0	109	66	134	21.78	0.276	20	
1,2-Dichlorobenzene	20.630	1.0	20.00	0	103	71	122	20.13	2.45	20	
1,2-Dichloropropane	18.700	1.0	20.00	0	93.5	75	125	17.78	5.04	20	
1,3-Dichlorobenzene	21.160	1.0	20.00	0	106	75	124	20.88	1.33	20	
1,4-Dichlorobenzene	20.780	1.0	20.00	0	104	74	123	20.53	1.21	20	
Acrolein	49.120	20	200.0	0	24.6	75	125	43.70	11.7	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: N006208-001AMSD	SampType: MSD	TestCode: 8260_WP_SF	Units: µg/L
Client ID: ZZZZZ	Batch ID: D11VW109	TestNo: EPA 8260B	
Prep Date:		RunNo: 80925	
Analysis Date: 8/3/2011		SeqNo: 1291030	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acrylonitrile	198.590	20	200.0	0	99.3	75	125	186.4	6.32	20	
Bromodichloromethane	20.530	1.0	20.00	0	103	76	121	20.01	2.57	20	
Bromoform	19.500	1.0	20.00	0	97.5	69	128	18.74	3.97	20	
Bromomethane	18.600	1.0	20.00	0	93.0	53	141	19.37	4.06	20	
Carbon tetrachloride	19.710	1.0	20.00	0	98.6	66	138	19.35	1.84	20	
Chlorobenzene	20.610	1.0	20.00	0	103	81	122	20.30	1.52	20	
Chloroethane	55.580	1.0	20.00	0	278	58	133	30.39	58.6	20	SR
Chloroform	20.260	1.0	20.00	0	101	69	128	19.55	3.57	20	
Chloromethane	18.320	1.0	20.00	0	91.6	56	131	20.37	10.6	20	
cis-1,3-Dichloropropene	19.930	1.0	20.00	0	99.7	69	131	18.70	6.37	20	
Dibromochloromethane	22.110	1.0	20.00	0	111	66	133	21.48	2.89	20	
Ethylbenzene	21.190	1.0	20.00	0	106	73	127	21.13	0.284	20	
Hexachlorobutadiene	22.480	1.0	20.00	0	112	67	131	22.90	1.85	20	
Methylene chloride	18.990	2.0	20.00	0	95.0	63	137	18.19	4.30	20	
Naphthalene	18.790	1.0	20.00	0.3600	92.2	54	138	18.90	0.584	20	
Tetrachloroethene	20.830	1.0	20.00	0	104	66	128	20.97	0.670	20	
Toluene	20.520	2.0	20.00	0	103	77	122	20.03	2.42	20	
trans-1,2-Dichloroethene	20.760	1.0	20.00	0	104	63	137	19.39	6.82	20	
trans-1,3-Dichloropropene	21.220	1.0	20.00	0	106	59	135	19.94	6.22	20	
Trichloroethene	19.050	1.0	20.00	0	95.2	70	127	18.51	2.88	20	
Vinyl chloride	18.450	1.0	20.00	0	92.2	50	134	18.31	0.762	20	
Surr: 1,2-Dichloroethane-d4	22.110		25.00		88.4	72	119		0		
Surr: 4-Bromofluorobenzene	25.360		25.00		101	76	119		0		
Surr: Dibromofluoromethane	26.400		25.00		106	85	115		0		
Surr: Toluene-d8	26.250		25.00		105	81	120		0		

Sample ID: D110803MB3	SampType: MBLK	TestCode: 8260_WP_SF	Units: µg/L
Client ID: PBW	Batch ID: D11VW109	TestNo: EPA 8260B	
Prep Date:		RunNo: 80925	
Analysis Date: 8/3/2011		SeqNo: 1291031	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acrylonitrile	198.590	20	200.0	0	99.3	75	125	186.4	6.32	20	
Bromodichloromethane	20.530	1.0	20.00	0	103	76	121	20.01	2.57	20	
Bromoform	19.500	1.0	20.00	0	97.5	69	128	18.74	3.97	20	
Bromomethane	18.600	1.0	20.00	0	93.0	53	141	19.37	4.06	20	
Carbon tetrachloride	19.710	1.0	20.00	0	98.6	66	138	19.35	1.84	20	
Chlorobenzene	20.610	1.0	20.00	0	103	81	122	20.30	1.52	20	
Chloroethane	55.580	1.0	20.00	0	278	58	133	30.39	58.6	20	SR
Chloroform	20.260	1.0	20.00	0	101	69	128	19.55	3.57	20	
Chloromethane	18.320	1.0	20.00	0	91.6	56	131	20.37	10.6	20	
cis-1,3-Dichloropropene	19.930	1.0	20.00	0	99.7	69	131	18.70	6.37	20	
Dibromochloromethane	22.110	1.0	20.00	0	111	66	133	21.48	2.89	20	
Ethylbenzene	21.190	1.0	20.00	0	106	73	127	21.13	0.284	20	
Hexachlorobutadiene	22.480	1.0	20.00	0	112	67	131	22.90	1.85	20	
Methylene chloride	18.990	2.0	20.00	0	95.0	63	137	18.19	4.30	20	
Naphthalene	18.790	1.0	20.00	0.3600	92.2	54	138	18.90	0.584	20	
Tetrachloroethene	20.830	1.0	20.00	0	104	66	128	20.97	0.670	20	
Toluene	20.520	2.0	20.00	0	103	77	122	20.03	2.42	20	
trans-1,2-Dichloroethene	20.760	1.0	20.00	0	104	63	137	19.39	6.82	20	
trans-1,3-Dichloropropene	21.220	1.0	20.00	0	106	59	135	19.94	6.22	20	
Trichloroethene	19.050	1.0	20.00	0	95.2	70	127	18.51	2.88	20	
Vinyl chloride	18.450	1.0	20.00	0	92.2	50	134	18.31	0.762	20	
Surr: 1,2-Dichloroethane-d4	22.110		25.00		88.4	72	119		0		
Surr: 4-Bromofluorobenzene	25.360		25.00		101	76	119		0		
Surr: Dibromofluoromethane	26.400		25.00		106	85	115		0		
Surr: Toluene-d8	26.250		25.00		105	81	120		0		

Qualifiers:
 B Analyte detected in the associated Method Blank
 J Analyte detected below quantitation limits
 S Spike/Surrogate outside of limits due to matrix interference
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: D110803MB3	Sample Type: MBLK	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925		
Client ID: PBW	Batch ID: D111VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291031		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	1.0										
1,1,2,2-Tetrachloroethane	ND	1.0										
1,1,2-Trichloroethane	ND	1.0										
1,1-Dichloroethane	ND	1.0										
1,2,4-Trichlorobenzene	ND	1.0										
1,2-Dichlorobenzene	ND	1.0										
1,2-Dichloropropane	ND	1.0										
1,3-Dichlorobenzene	ND	1.0										
1,4-Dichlorobenzene	ND	1.0										
Acrolein	ND	20										
Acrylonitrile	ND	20										
Bromodichloromethane	ND	1.0										
Bromoform	ND	1.0										
Bromomethane	ND	1.0										
Carbon tetrachloride	ND	1.0										
Chlorobenzene	ND	1.0										
Chloroethane	ND	1.0										
Chloroform	ND	1.0										
Chloromethane	ND	1.0										
cis-1,3-Dichloropropene	ND	1.0										
Dibromochloromethane	ND	1.0										
Ethylbenzene	ND	1.0										
Hexachlorobutadiene	ND	1.0										
Methylene chloride	0.330	2.0										J
Naphthalene	ND	1.0										
Tetrachloroethene	ND	1.0										
Toluene	ND	2.0										
trans-1,2-Dichloroethene	ND	1.0										
trans-1,3-Dichloropropene	ND	1.0										
Trichloroethene	ND	1.0										

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- DO Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: D110803MB3	SampType: MBLK	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 80925						
Client ID: PBW	Batch ID: D11VW109	TestNo: EPA 8260B		Analysis Date: 8/3/2011	SeqNo: 1291031						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Vinyl chloride	ND	1.0									
Surr: 1,2-Dichloroethane-d4	22.880		25.00		91.5	72	119				
Surr: 4-Bromofluorobenzene	25.860		25.00		103	76	119				
Surr: Dibromofluoromethane	24.840		25.00		99.4	85	115				
Surr: Toluene-d8	26.650		25.00		107	81	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: D110811LCS		SampType: LCS		TestCode: 8260_WP_SF		Units: µg/L		Prep Date:		RunNo: 81056	
Client ID: LCSW		Batch ID: D111VW113		TestNo: EPA 8260B				Analysis Date: 8/11/2011		SeqNo: 1295672	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chloroethyl vinyl ether	20.290	1.0	20.00	0	101	70	130				
Surr: 1,2-Dichloroethane-d4	24.720		25.00		98.9	72	119				
Surr: 4-Bromofluorobenzene	25.900		25.00		104	76	119				
Surr: Dibromofluoromethane	25.490		25.00		102	85	115				
Surr: Toluene-d8	26.750		25.00		107	81	120				

Sample ID: N006225-001CMS		SampType: MS		TestCode: 8260_WP_SF		Units: µg/L		Prep Date:		RunNo: 81056	
Client ID: ZZZZZZ		Batch ID: D111VW113		TestNo: EPA 8260B				Analysis Date: 8/11/2011		SeqNo: 1295673	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chloroethyl vinyl ether	ND	1.0	20.00	0	0	70	130				S
Surr: 1,2-Dichloroethane-d4	26.170		25.00		105	72	119				
Surr: 4-Bromofluorobenzene	26.560		25.00		106	76	119				
Surr: Dibromofluoromethane	26.830		25.00		107	85	115				
Surr: Toluene-d8	24.030		25.00		96.1	81	120				

Sample ID: N006225-001CMSD		SampType: MSD		TestCode: 8260_WP_SF		Units: µg/L		Prep Date:		RunNo: 81056	
Client ID: ZZZZZZ		Batch ID: D111VW113		TestNo: EPA 8260B				Analysis Date: 8/11/2011		SeqNo: 1295674	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chloroethyl vinyl ether	ND	1.0	20.00	0	0	70	130	0	0	20	S
Surr: 1,2-Dichloroethane-d4	24.890		25.00		99.6	72	119				
Surr: 4-Bromofluorobenzene	25.970		25.00		104	76	119				
Surr: Dibromofluoromethane	26.870		25.00		107	85	115				
Surr: Toluene-d8	25.510		25.00		102	81	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: D110811MB1	SampType: MBLK	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 81056						
Client ID: PBW	Batch ID: D111VW113	TestNo: EPA 8260B		Analysis Date: 8/11/2011	SeqNo: 1295675						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2-Chloroethyl vinyl ether	ND	1.0									
Surr: 1,2-Dichloroethane-d4	29.170		25.00		117	72	119				
Surr: 4-Bromofluorobenzene	27.840		25.00		111	76	119				
Surr: Dibromofluoromethane	28.410		25.00		114	85	115				
Surr: Toluene-d8	26.490		25.00		106	81	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_PGE

Sample ID: LCS-37549	SampType: LCS	TestCode: 8270_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 81143						
Client ID: LCSW	Batch ID: 37549	TestNo: EPA 8270C	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1298817						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Diphenylhydrazine	70.890	10	100.0	0	70.9	60	117				
2,4,6-Trichlorophenol	66.090	10	100.0	0	66.1	49	126				
2,4-Dichlorophenol	65.270	10	100.0	0	65.3	48	120				
2,4-Dimethylphenol	58.670	10	100.0	0	58.7	28	120				
2,4-Dinitrophenol	59.030	50	100.0	0	59.0	25	130				
2,4-Dinitrotoluene	77.060	10	100.0	0	77.1	51	120				
2,6-Dinitrotoluene	79.670	10	100.0	0	79.7	49	120				
2-Chloronaphthalene	68.450	10	100.0	0	68.5	49	120				
2-Chlorophenol	56.280	10	100.0	0	56.3	37	120				
2-Nitrophenol	59.450	10	100.0	0	59.4	39	123				
3,3'-Dichlorobenzidine	178.970	20	200.0	0	89.5	20	120				
4,6-Dinitro-2-methylphenol	75.810	50	100.0	0	75.8	40	130				
4-Bromophenyl-phenylether	83.850	10	100.0	0	83.8	52	120				
4-Chloro-3-methylphenol	65.500	50	100.0	0	65.5	47	120				
4-Chlorophenyl-phenylether	73.770	10	100.0	0	73.8	50	120				
4-Nitrophenol	55.780	50	100.0	0	55.8	20	120				
Acenaphthene	66.470	10	100.0	0	66.5	47	120				
Acenaphthylene	67.720	10	100.0	0	67.7	50	120				
Anthracene	71.720	10	100.0	0	71.7	54	120				
Benzidine (M)	220.270	50	200.0	0	110	10	162				
Benzo(a)anthracene	83.490	10	100.0	0	83.5	56	100				
Benzo(a)pyrene	79.800	10	100.0	0	79.8	53	120				
Benzo(b)fluoranthene	82.960	10	100.0	0	83.0	45	124				
Benzo(g,h,i)perylene	90.680	10	100.0	0	90.7	38	123				
Benzo(k)fluoranthene	83.860	10	100.0	0	83.9	45	124				
Bis(2-chloroethoxy)methane	74.300	10	100.0	0	74.3	46	120				
Bis(2-chloroethyl)ether	62.180	10	100.0	0	62.2	37	120				
Bis(2-chloroisopropyl)ether	62.230	10	100.0	0	62.2	26	131				
Bis(2-ethylhexyl)phthalate	88.770	10	100.0	0	88.8	42	126				
Butylbenzylphthalate	88.510	10	100.0	0	88.5	46	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_PGE

Sample ID: LCS-37549	SampType: LCS	TestCode: 8270_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 81143						
Client ID: LCSW	Batch ID: 37549	TestNo: EPA 8270C	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1298817						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chrysene	81.680	10	100.0	0	81.7	55	120				
Dj-n-butylphthalate	87.470	10	100.0	0	87.5	54	120				
Dj-n-octylphthalate	87.150	10	100.0	0	87.2	37	137				
Dibenz(a,h)anthracene	91.050	10	100.0	0	91.1	42	127				
Diethylphthalate	84.530	10	100.0	0	84.5	41	120				
Dimethylphthalate	79.060	10	100.0	0	79.1	25	127				
Fluoranthene	80.880	10	100.0	0	80.9	54	120				
Fluorene	73.130	10	100.0	0	73.1	50	120				
Hexachlorobenzene	82.630	10	100.0	0	82.6	52	120				
Hexachlorocyclopentadiene	73.070	10	100.0	0	73.1	51	108				
Hexachloroethane	60.650	10	100.0	0	60.6	28	120				
Indeno(1,2,3-cd)pyrene	92.660	10	100.0	0	92.7	43	125				
Isophorone	79.730	10	100.0	0	79.7	50	120				
N-Nitrosodi-n-propylamine	64.990	10	100.0	0	65.0	34	128				
N-Nitrosodimethylamine	50.460	50	100.0	0	50.5	35	98				
N-Nitrosodiphenylamine	79.700	10	100.0	0	79.7	48	120				
Nitrobenzene	70.020	10	100.0	0	70.0	44	120				
Pentachlorophenol	80.890	50	100.0	0	80.9	38	120				
Phenanthrene	79.110	10	100.0	0	79.1	51	120				
Phenol	43.070	10	100.0	0	43.1	20	120				
Pyrene	79.660	10	100.0	0	79.7	49	128				
Surr: 1,2-Dichlorobenzene-d4	55.350		100.0		55.4	27	100				
Surr: 2,4,6-Tribromophenol	83.130		100.0		83.1	42	124				
Surr: 2-Chlorophenol-d4	61.770		100.0		61.8	34	98				
Surr: 2-Fluorobiphenyl	65.630		100.0		65.6	48	120				
Surr: 2-Fluorophenol	57.380		100.0		57.4	20	120				
Surr: 4-Terphenyl-d14	84.240		100.0		84.2	51	135				
Surr: Nitrobenzene-d5	70.340		100.0		70.3	41	120				
Surr: Phenol-d5	48.050		100.0		48.0	20	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_PGE

Sample ID: LCSD-37549	SampType: LCSD	TestCode: 8270_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 81143						
Client ID: LCSS02	Batch ID: 37549	TestNo: EPA 8270C	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1298818						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Diphenylhydrazine	73.180	10	100.0	0	73.2	60	117	70.89	3.18	20	
2,4,6-Trichlorophenol	64.920	10	100.0	0	64.9	49	126	66.09	1.79	20	
2,4-Dichlorophenol	62.070	10	100.0	0	62.1	48	120	65.27	5.03	20	
2,4-Dimethylphenol	56.520	10	100.0	0	56.5	28	120	58.67	3.73	20	
2,4-Dinitrophenol	69.890	50	100.0	0	69.9	25	130	59.03	16.8	20	
2,4-Dinitrotoluene	78.460	10	100.0	0	78.5	51	120	77.06	1.80	20	
2,6-Dinitrotoluene	78.890	10	100.0	0	78.9	49	120	79.67	0.984	20	
2-Chloronaphthalene	64.240	10	100.0	0	64.2	49	120	68.45	6.35	20	
2-Chlorophenol	54.670	10	100.0	0	54.7	37	120	56.28	2.90	20	
2-Nitrophenol	56.930	10	100.0	0	56.9	39	123	59.45	4.33	20	
3,3'-Dichlorobenzidine	190.010	20	200.0	0	95.0	20	120	179.0	5.98	20	
4,6-Dinitro-2-methylphenol	82.730	50	100.0	0	82.7	40	130	75.81	8.73	20	
4-Bromophenyl-phenylether	84.090	10	100.0	0	84.1	52	120	83.85	0.286	20	
4-Chloro-3-methylphenol	62.750	50	100.0	0	62.8	47	120	65.50	4.29	20	
4-Chlorophenyl-phenylether	72.640	10	100.0	0	72.6	50	120	73.77	1.54	20	
4-Nitrophenol	61.670	50	100.0	0	61.7	20	120	55.78	10.0	20	
Acenaphthene	63.340	10	100.0	0	63.3	47	120	66.47	4.82	20	
Acenaphthylene	64.460	10	100.0	0	64.5	50	120	67.72	4.93	20	
Anthracene	74.290	10	100.0	0	74.3	54	120	71.72	3.52	20	
Benzdine (M)	239.690	50	200.0	0	120	10	162	220.3	8.44	20	
Benzo(a)anthracene	86.880	10	100.0	0	86.9	56	100	83.49	3.98	20	
Benzo(a)pyrene	84.770	10	100.0	0	84.8	53	120	79.80	6.04	20	
Benzo(b)fluoranthene	90.280	10	100.0	0	90.3	45	124	82.96	8.45	20	
Benzo(g,h,i)perylene	96.020	10	100.0	0	96.0	38	123	90.68	5.72	20	
Benzo(k)fluoranthene	86.050	10	100.0	0	86.0	45	124	83.86	2.58	20	
Bis(2-chloroethoxy)methane	70.050	10	100.0	0	70.0	46	120	74.30	5.89	20	
Bis(2-chloroethyl)ether	59.240	10	100.0	0	59.2	37	120	62.18	4.84	20	
Bis(2-chloroisopropyl)ether	60.090	10	100.0	0	60.1	26	131	62.23	3.50	20	
Bis(2-ethylhexyl)phthalate	93.730	10	100.0	0	93.7	42	126	88.77	5.44	20	
Butylbenzylphthalate	93.610	10	100.0	0	93.6	46	120	88.51	5.60	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_PGE

Sample ID:	LCSD-37549	SampType:	LCSD	TestCode:	8270_W_PGE	Units:	µg/L	Prep Date:	8/6/2011	RunNo:	81143
Client ID:	LCSS02	Batch ID:	37549	TestNo:	EPA 8270C	EPA	3510C	Analysis Date:	8/8/2011	SeqNo:	1298818
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	86.420	10	100.0	0	86.4	55	120	81.68	5.64	20	
Di-n-butylphthalate	92.830	10	100.0	0	92.8	54	120	87.47	5.95	20	
Di-n-octylphthalate	91.550	10	100.0	0	91.6	37	137	87.15	4.92	20	
Dibenz(a,h)anthracene	96.730	10	100.0	0	96.7	42	127	91.05	6.05	20	
Diethylphthalate	90.250	10	100.0	0	90.2	41	120	84.53	6.55	20	
Dimethylphthalate	80.530	10	100.0	0	80.5	25	127	79.06	1.84	20	
Fluoranthene	84.810	10	100.0	0	84.8	54	120	80.88	4.74	20	
Fluorene	72.680	10	100.0	0	72.7	50	120	73.13	0.617	20	
Hexachlorobenzene	83.000	10	100.0	0	83.0	52	120	82.63	0.447	20	
Hexachlorocyclopentadiene	66.560	10	100.0	0	66.6	51	108	73.07	9.32	20	
Hexachloroethane	55.340	10	100.0	0	55.3	28	120	60.65	9.16	20	
Indeno(1,2,3-cd)pyrene	98.140	10	100.0	0	98.1	43	125	92.66	5.74	20	
Isophorone	73.520	10	100.0	0	73.5	50	120	79.73	8.10	20	
N-Nitrosodi-n-propylamine	62.960	10	100.0	0	63.0	34	128	64.99	3.17	20	
N-Nitrosodimethylamine	51.680	50	100.0	0	51.7	35	98	50.46	2.39	20	
N-Nitrosodiphenylamine	81.380	10	100.0	0	81.4	48	120	79.70	2.09	20	
Nitrobenzene	64.980	10	100.0	0	65.0	44	120	70.02	7.47	20	
Pentachlorophenol	87.560	50	100.0	0	87.6	38	120	80.89	7.92	20	
Phenanthrene	80.500	10	100.0	0	80.5	51	120	79.11	1.74	20	
Phenol	44.260	10	100.0	0	44.3	20	120	43.07	2.73	20	
Pyrene	83.690	10	100.0	0	83.7	49	128	79.66	4.93	20	
Surr: 1,2-Dichlorobenzene-d4	51.910		100.0		51.9	27	100		0		
Surr: 2,4,6-Tribromophenol	81.580		100.0		81.6	42	124		0		
Surr: 2-Chlorophenol-d4	57.810		100.0		57.8	34	98		0		
Surr: 2-Fluorobiphenyl	60.140		100.0		60.1	48	120		0		
Surr: 2-Fluorophenol	54.930		100.0		54.9	20	120		0		
Surr: 4-Terphenyl-d14	86.420		100.0		86.4	51	135		0		
Surr: Nitrobenzene-d5	63.670		100.0		63.7	41	120		0		
Surr: Phenol-d5	47.720		100.0		47.7	20	120		0		

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_PGE

Sample ID: MB-37549	SampType: MBLK	TestCode: 8270_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 81143						
Client ID: PBW	Batch ID: 37549	TestNo: EPA 8270C	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1298819						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Diphenylhydrazine	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Nitrophenol	ND	10									
3,3'-Dichlorobenzidine	ND	20									
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chlorophenyl-phenylether	ND	10									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									
Benidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values



3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Work Order: N006225
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_PGE

Sample ID: MB-37549	SampType: MBLK	TestCode: 8270_W_PGE	Units: µg/L	Prep Date: 8/6/2011	RunNo: 81143						
Client ID: PBW	Batch ID: 37549	TestNo: EPA 8270C	EPA 3510C	Analysis Date: 8/8/2011	SeqNo: 1298819						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Diethylphthalate	ND	10									
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodimethylamine	ND	50									
N-Nitrosodiphenylamine	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									
Surr: 1,2-Dichlorobenzene-d4	66.830		100.0		66.8	27	100				
Surr: 2,4,6-Tribromophenol	60.460		100.0		60.5	42	124				
Surr: 2-Chlorophenol-d4	60.500		100.0		60.5	34	98				
Surr: 2-Fluorobiphenyl	70.170		100.0		70.2	48	120				
Surr: 2-Fluorophenol	66.850		100.0		66.8	20	120				
Surr: 4-Terphenyl-d14	95.140		100.0		95.1	51	135				
Surr: Nitrobenzene-d5	74.410		100.0		74.4	41	120				
Surr: Phenol-d5	56.350		100.0		56.4	20	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
 3151 W. Post Road
 Las Vegas, NV 89118
 Tel: 702-307-2659 Fax: 702-307-2691
 Marlon Cartin (marlon@atl-labs.com)

DATE: 8/2/11
 PAGE: 1 OF 1

LABORATORY CLIENT: Kinder Morgan Energy Partners, Attn: Steve Defibaugh ADDRESS: 1100 Town & Country Road CITY: Orange, CA 92868 TEL: 714-560-4802 FAX: 714-560-4601 E-MAIL: james.def@kidermorgan.com		CLIENT PROJECT NAME / NUMBER: SPPP - Norwalk Site PROJECT CONTACT: James Dye SAMPLER(S) (SIGNATURE):		P.O. NO.:	QUOTE NO.:																																																																																		
TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): <input type="checkbox"/> RWOCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL 1 / 1		REQUESTED ANALYSIS																																																																																					
SPECIAL INSTRUCTIONS: Report to D. Jablonski/CH2M HILL, cc: KMEP Direct Bill KMEP/SPPP - Steve Defibaugh-ref. AFE# 81195 "J" flags required/Use lowest possible detection limit - all methods.		<table border="1"> <thead> <tr> <th rowspan="2">LAB USE ONLY</th> <th rowspan="2">SAMPLE ID</th> <th rowspan="2">LOCATION/ DESCRIPTION</th> <th colspan="2">SAMPLING</th> <th rowspan="2">NO. OF CONT.</th> <th rowspan="2">MATERIAL</th> <th rowspan="2">PRIORITY</th> <th rowspan="2">ANALYSIS</th> <th rowspan="2">COMMENTS</th> </tr> <tr> <th>DATE</th> <th>TIME</th> </tr> </thead> <tbody> <tr> <td></td> <td>EFF-08-02</td> <td>Effluent</td> <td>8/2/11</td> <td>12:00</td> <td>1</td> <td>WW</td> <td>X</td> <td>Priority Pollutants (200.8)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>Priority Pollutants (8082)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>Priority Pollutants (8081A)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>Priority Pollutants (8260B)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>Priority Pollutants (8270C)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>Cyanide (SM 4500 CN-E, EPA 9014)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>Asbestos (EPA/600/R-93/116(PCM))</td> <td></td> </tr> </tbody> </table>				LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING		NO. OF CONT.	MATERIAL	PRIORITY	ANALYSIS	COMMENTS	DATE	TIME		EFF-08-02	Effluent	8/2/11	12:00	1	WW	X	Priority Pollutants (200.8)									X	Priority Pollutants (8082)									X	Priority Pollutants (8081A)									X	Priority Pollutants (8260B)									X	Priority Pollutants (8270C)									X	Cyanide (SM 4500 CN-E, EPA 9014)									X	Asbestos (EPA/600/R-93/116(PCM))	
LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING		NO. OF CONT.				MATERIAL	PRIORITY						ANALYSIS	COMMENTS																																																																						
			DATE	TIME																																																																																			
	EFF-08-02	Effluent	8/2/11	12:00	1	WW	X	Priority Pollutants (200.8)																																																																															
							X	Priority Pollutants (8082)																																																																															
							X	Priority Pollutants (8081A)																																																																															
							X	Priority Pollutants (8260B)																																																																															
							X	Priority Pollutants (8270C)																																																																															
							X	Cyanide (SM 4500 CN-E, EPA 9014)																																																																															
							X	Asbestos (EPA/600/R-93/116(PCM))																																																																															
Relinquished by: (Signature)		Received by: (Signature)		Date: 8/2/11	Time: 6:00																																																																																		
Relinquished by: (Signature)		Received by: (Signature)		Date: 8/2/11	Time: 4:30																																																																																		
Relinquished by: (Signature)		Received by: (Signature)		Date: 8/3/11	Time: 9:00																																																																																		

Revised: 07/29/2011

2.8°C

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 8/3/2011 Workorder: N006225
 Rep sample Temp (Deg C): 2.8 IR Gun ID: IR#1
 Temp Blank: Yes No
 Carrier name: OnTrac
 Last 4 digits of Tracking No.: Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By GG

8/3/11

Reviewed By:

[Signature]

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
 3151 W. Post Road
 Las Vegas, NV 89118
 Tel: 702-307-2659 Fax: 702-307-2691
 Marlon Carlin (marlon@atl-labs.com)

DATE: 8/2/11 OF 1
 PAGE: 1

LABORATORY CLIENT:			CLIENT PROJECT NAME / PROJECT:		P.O. NO.:	
Klinger Morgan Energy Partners, Attn: Steve Defibaugh			SFPP - Norwalk Site		QUOTE NO.:	
1100 Town & Country Road			James Dyr		UNLABLED ONLY (MARKER)	
Orange, CA 92868			SAMPLES / SIGNATURES		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
TEL: 714-560-4802		FAX: 714-560-4601			E-MAIL: james.dyr@atl-labs.com	
TURNAROUND TIME		<input checked="" type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)				
<input type="checkbox"/> RINQCB REPORTING		<input type="checkbox"/> ARCHIVE SAMPLES UNTIL 1/1				
SPECIAL INSTRUCTIONS						
Report to D. Jablonski@CH2M HILL, cc: KMEP Direct Bill KMEPSFPP - Steve Defibaugh-ref. AFE# 81195 - J* flags required Use lowest possible detection limit - all methods.						
SAMPLE ID	LOCATION/DESCRIPTION	SAMPLING		MAT. BOX	ANALYTES	COMMENTS
		DATE	TIME			
EFF-08-02	EFFluent	8/2/11	12:00	WW	13	Priority Pollutants (200.8)
						Priority Pollutants (402)
						Priority Pollutants (801A)
						Priority Pollutants (820B)
						Priority Pollutants (827C)
						Cyanide (SM 4800 CN-E, EPA 9014)
						Asbestos (EPA/800/R-03/116(FCM))
						Priority Pollutants List was provided to Marlon Carlin.

Received by: (Signature)	Received by: (Signature)	Received by: (Signature)	Received by: (Signature)
DATE: 8/2/11	DATE: 8/2/11	DATE: 8/2/11	DATE: 8/2/11
TIME: 7:40	TIME: 11:30	TIME: 11:30	TIME: 11:30

NOV 6 2011

OnTrac
 FROM (Company) **800-334-5000**
 Call For A Pickup!

Account Number **B1**

Date **01/07/91**



ENVIRO TREATMENT & TECHNOLOGIES
 Street Address
 3075 WALNUT AVE SUITE
 City
 SPANISH HILL
 State
 CA Zip Code (Required) 90753
 Phone Number

PLEASE PRINT IN BLOCK LETTERS with Blue/Black Ink
 TO (Company) WE CANNOT DELIVER TO A P.O. BOX

ATL
 Street Address
 SUITE W POST RD
 Suite #
 City
 VACAVEGAS
 State
 NV Zip Code (Required) 703-307-2654
 Phone Number

Recipient's Name
SAMPLE RLL ENVING
 Shipper's Ref. #
CAZM HILLY

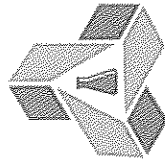
Service Options
 *No box is checked. Service Charge will be added.
 *Minimum charge weight is 250 lbs. *Delivery is 1:00 PM.
 *Note: delivery times for all services may be later in some areas.
 Check service guide or visit our website for details.

SUNRISE - BY 10:30 AM*
 SUNRISE GOLD - BY 8:00 AM*
 HEAVYWEIGHT**
 Saturday Delivery - Extra Charge
 (see Service Guide for details)
 HOLD FOR PICKUP
 This shipment requires a delivery signature
 Declared Value \$ (maximum \$5,000)
 \$25,000

Info!
 Bill Sh.
 Bill Of
 Dim weight
 L in.

C.O.D. Amount \$, Limit \$10,000
 (see C.O.D. tag to procedure)
 Sec (Mo)
 Uts (Cc)
 Shipper's Signa

Driver # Pickup Time Shipper's Name
 Driver initials **0511010101**



Advanced Technology Laboratories
 3151-3153 W Post Rd., Las Vegas, NV 89118
 www.atglab.com
 TEL: 7023072659 FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

QC Level: RTNE

Subcontractor:

EMS Laboratories
 117 W. Bellevue Dr.
 Pasadena, CA 91105

TEL: (626) 568-4065
 FAX:
 Acct #:

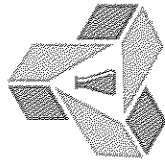
Field Sampler: James Dye

03-Aug-11

Sample ID	Matrix	Date Collected	Bottle Type	Asb_TEM	Requested Tests
N006225-001F / EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	16OZP	1	

General Comments: Please email sample receipt acknowledgement to the PM.
 Please use PO# N006225 Please fax results by: Normal TAT
 Please analyze for Asbestos by EPA/600/R-93/116 (FCM)

Relinquished by:	Date/Time	Received by:	Date/Time
	8/3/11 12:00 PM		
Relinquished by:		Received by:	



Advanced Technology Laboratories
 3151-3153 W Post Rd., Las Vegas, NV 89118
 www.atglobal.com
 TEL: 7023072659 FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

QC Level: RTNE

Subcontractor:

Advanced Technology Laboratories - Signal Hill
 3283 Walnut Ave.
 Signal Hill, California

TEL: (562) 989-4045
 FAX: (562) 989-4045
 Acct #:

Field Sampler: James Dye

03-Aug-11

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests
N006225-001E / EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	16OZP	SM4500-CN E 1

General Comments: Please email sample receipt acknowledgment to the PM.

Please use PO#: N006225

Please fax results by: Normal TAT

Please analyze for CN by SM 4500CN E.

Relinquished by:	Date/Time	Received by:	Date/Time
	8/3/11 12:30 PM		
Relinquished by:		Received by:	

TABLE 3
NPDES EFFLUENT MONITORING
REMAINING PRIORITY POLLUTANTS
 SFPP, L.P.
 Norwalk, California

Analyte	Analysis Method on Permit	ATL Suggested Analytical Method	Units	MDL	RL	July XX, 2011	ML ¹
Arsenic	1632	200.8	µg/L	0.0025	0.10		2
Aroclor-1016	8082	8082	µg/L	0.07	0.50		0.5
Aroclor-1221	8082	8082	µg/L	0.23	0.5		0.5
Aroclor-1232	8082	8082	µg/L	0.12	0.50		0.5
Aroclor-1242	8082	8082	µg/L	0.13	0.50		0.5
Aroclor-1248	8082	8082	µg/L	0.07	0.50		0.5
Aroclor-1254	8082	8082	µg/L	0.07	0.50		0.5
Aroclor-1260	8082	8082	µg/L	0.05	0.50		0.5
Cadmium	1638, 200.8	200.8	µg/L	0.02	0.25		0.25
Antimony	6020, 200.8	200.8	µg/L	0.019	0.50		0.50
Beryllium	6020, 200.8	200.8	µg/L	0.009	0.50		0.50
Total Chromium	6020, 200.8	200.8	µg/L	0.008	0.50		0.50
Chromium (III) (Total Cr - Cr VI)	6020, 200.8	NA	µg/L	NA	NA		NA
Nickel	6020, 200.8	200.8	µg/L	0.086	1.0		1
Silver	6020, 200.8	200.8	µg/L	0.005	0.25		0.25
4,4'-DDD	8081 A	8081 A	µg/L	0.014	0.050		0.05
4,4'-DDE	8081 A	8081 A	µg/L	0.018	0.050		0.05
4,4'-DDT	8081 A	8081 A	µg/L	0.019	0.050		0.01
Aldrin	8081 A	8081 A	µg/L	0.01	0.025		0.005
Alpha Endosulfan	8081 A	8081 A	µg/L	0.0100	0.025		0.02
Alpha-BHC	8081 A	8081 A	µg/L	0.006	0.025		0.01
Beta Endosulfan	8081 A	8081 A	µg/L	0.018	0.025		0.01
Beta-BHC	8081 A	8081 A	µg/L	0.012	0.025		0.005
Chlordane	8081 A	8081 A	µg/L	0.05	0.25		0.1
Delta-BHC	8081 A	8081 A	µg/L	0.011	0.025		0.005
Dieldrin	8081 A	8081 A	µg/L	0.014	0.050		0.01
Endosulfan Sulfate	8081 A	8081 A	µg/L	0.015	0.050		0.05
Endrin	8081 A	8081 A	µg/L	0.019	0.050		0.01
Endrin Aldehyde	8081 A	8081 A	µg/L	0.015	0.050		0.01
Gamma-BHC	8081 A	8081 A	µg/L	0.013	0.025		0.02
Heptachlor	8081 A	8081 A	µg/L	0.011	0.025		0.01
Heptachlor Epoxide	8081 A	8081 A	µg/L	0.015	0.025		0.01
Toxaphene	8081 A	8081 A	µg/L	0.33	2.5		0.5
1,1,1-Trichloroethane	8260B	8260B	µg/L	0.068	1.0		2
1,1,2,2-Tetrachloroethane	8260B	8260B	µg/L	0.054	1.0		1
1,1,2-Trichloroethane	8260B	8260B	µg/L	0.063	1.0		2
1,1-Dichloroethene	8260B	8260B	µg/L	0.094	1.00		2
1,2,4-Trichlorobenzene	8260B	8260B	µg/L	0.116	1.0		5
1,2-Dichlorobenzene	8260B	8260B	µg/L	0.070	1.0		2
1,2-Dichloropropane	8260B	8260B	µg/L	0.085	1.0		1
1,3-Dichlorobenzene	8260B	8260B	µg/L	0.090	1.0		1
1,4-Dichlorobenzene	8260B	8260B	µg/L	0.092	1.0		1
2-Chloroethyl Vinyl Ether	8260B	8260B	µg/L	0.144	1.0		1
Acrolein	8260B	8260B	µg/L	4.297	20		5
Acrylonitrile	8260B	8260B	µg/L	0.61	20		2
Bromodichloromethane	8260B	8260B	µg/L	0.063	1.0		2
Bromoform	8260B	8260B	µg/L	0.086	1.0		2
Bromomethane	8260B	8260B	µg/L	0.131	1		2
c-1,3-Dichloropropene	8260B	8260B	µg/L	0.10	1.0		2
Carbon Tetrachloride	8260B	8260B	µg/L	0.10	1.0		2
Chlorobenzene	8260B	8260B	µg/L	0.092	1.0		2
Chloroethane	8260B	8260B	µg/L	0.141	1.0		2
Chloroform	8260B	8260B	µg/L	0.058	1.0		2
Chloromethane	8260B	8260B	µg/L	0.058	1.0		2
Dibromochloromethane	8260B	8260B	µg/L	0.061	1.0		2

TABLE 3
NPDES EFFLUENT MONITORING
REMAINING PRIORITY POLLUTANTS
SFPP, L.P.
Norwalk, California

Analyte	Analysis Method on Permit	ATL Suggested Analytical Method	Units	MDL	RL	July XX, 2011	ML ¹
Hexachloro-1,3-Butadiene	8260B	8260B	µg/L	0.2	1		1
Hexachlorobenzene	8260B	8260B	µg/L	3.9	10		1
Hexachloroethane	8260B	8260B	µg/L	4.73	10		1
Methylene Chloride	8260B	8260B	µg/L	0.11	2.0		2
Naphthalene	8260B	8260B	µg/L	0.056	1		1
t-1,2-Dichloroethene	8260B	8260B	µg/L	0.094	1.0		1
t-1,3-Dichloropropene	8260B	8260B	µg/L	0.10	1.0		2
Tetrachloroethene	8260B	8260B	µg/L	0.13	1.0		2
Trichloroethene	8260B	8260B	µg/L	0.060	1.0		2
Vinyl Chloride	8260B	8260B	µg/L	0.117	1.0		2
1,2-Diphenylhydrazine	8270 C	8270 C	µg/L	3.64	10		1
2,4,6-Trichlorophenol	8270 C	8270 C	µg/L	4.48	10		10
2,4-Dichlorophenol	8270 C	8270 C	µg/L	4.28	10		5
2,4-Dimethylphenol	8270 C	8270 C	µg/L	3.63	10		2
2,4-Dinitrophenol	8270 C	8270 C	µg/L	3.33	10		5
2,4-Dinitrotoluene	8270 C	8270 C	µg/L	3.8	10		5
2,6-Dinitrotoluene	8270 C	8270 C	µg/L	4.0	10		5
2-Chloronaphthalene	8270 C	8270 C	µg/L	4.0	10		10
2-Chlorophenol	8270 C	8270 C	µg/L	3.7	10		5
2-Nitrophenol	8270 C	8270 C	µg/L	4.72	10		10
3,3'-Dichlorobenzidine	8270 C	8270 C	µg/L	3.59	20		5
4,6-Dinitro-2-Methylphenol	8270 C	8270 C	µg/L	2.87	50		5
4-Bromophenyl-Phenyl Ether	8270 C	8270 C	µg/L	3.93	10		5
4-Chloro-3-Methylphenol	8270 C	8270 C	µg/L	3.45	50		1
4-Chlorophenyl-Phenyl Ether	8270 C	8270 C	µg/L	3.93	10		5
4-Nitrophenol	8270 C	8270 C	µg/L	1.54	50		10
Acenaphthene	8270 C	8270 C	µg/L	4.22	10		1
Acenaphthylene	8270 C	8270 C	µg/L	4.87	10		10
Anthracene	8270 C	8270 C	µg/L	3.73	10		10
Benzidine	8270 C	8270 C	µg/L	2.33	50		5
Benzo (a) Anthracene	8270 C	8270 C	µg/L	5.18	10		5
Benzo (a) Pyrene	8270 C	8270 C	µg/L	5.5	10		10
Benzo (b) Fluoranthene	8270 C	8270 C	µg/L	5.65	10		10
Benzo (g,h,i) Perylene	8270 C	8270 C	µg/L	5.83	10		5
Benzo (k) Fluoranthene	8270 C	8270 C	µg/L	5.39	10		10
Bis(2-Chloroethoxy) Methane	8270 C	8270 C	µg/L	4.6	10		5
Bis(2-Chloroethyl) Ether	8270 C	8270 C	µg/L	5.5	10		1
Bis(2-Chloroisopropyl) Ether	8270 C	8270 C	µg/L	4.32	10		2
Bis(2-Ethylhexyl) Phthalate	8270 C	8270 C	µg/L	2.7	10		5
Butyl Benzyl Phthalate	8270 C	8270 C	µg/L	3.4	10		10
Chrysene	8270 C	8270 C	µg/L	2.32	10		10
Dibenz (a,h) Anthracene	8270 C	8270 C	µg/L	5.65	10		10
Diethyl Phthalate	8270 C	8270 C	µg/L	3.27	10		2
Dimethyl Phthalate	8270 C	8270 C	µg/L	3.68	10		2
Di-n-Butyl Phthalate	8270 C	8270 C	µg/L	3.0	10		10
Di-n-Octyl Phthalate	8270 C	8270 C	µg/L	3.0	10		10
Fluoranthene	8270 C	8270 C	µg/L	3.14	10		1
Fluorene	8270 C	8270 C	µg/L	3.62	10		10
Hexachlorocyclopentadiene	8270 C	8270 C	µg/L	5.03	20		5
Indeno (1,2,3-c,d) Pyrene	8270 C	8270 C	µg/L	5.62	10		10
Isophorone	8270 C	8270 C	µg/L	4.38	10		1
Nitrobenzene	8270 C	8270 C	µg/L	4.65	10		1
N-Nitrosodimethylamine	8270 C	8270 C	µg/L	3.07	50		5
N-Nitroso-di-n-propylamine	8270 C	8270 C	µg/L	5.09	10		5
N-Nitrosodiphenylamine	8270 C	8270 C	µg/L	4.0	10		1

TABLE 3
NPDES EFFLUENT MONITORING
REMAINING PRIORITY POLLUTANTS
 SFPP, L.P.
 Norwalk, California

Analyte	Analysis Method on Permit	ATL Suggested Analytical Method	Units	MDL	RL	July XX, 2011	ML ¹
Pentachlorophenol	8270 C	8270 C	µg/L	3.0	50		5
Phenanthrene	8270 C	8270 C	µg/L	2.95	50		5
Phenol	8270 C	8270 C	µg/L	1.54	10		1
Pyrene	8270 C	8270 C	µg/L	3.2	10		10
Cyanide (Total)	9012A EPA/600/R-93/116(PCM)	SM 4500 CN-E, EPA 9014 EPA/600/R-93/116(PCM)	mg/L	0.0049	0.010		NE
Asbestos			MFL				NE

Notes

1. State Water Resources Control Board Policy for the Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California

Abbreviations

DNQ = detected, but not quantified. Result is greater than or equal to the laboratory MDL but less than the ML (or RL if no ML is listed)
 MDL = laboratory method detection limit
 ML = minimum level
 mg/L = milligrams per liter
 µg/L = micrograms per liter
 ND = not-detected above the MDL listed
 NE = not established
 MFL = millions of fibers per liter
 pg/L = picograms per liter.
 RL = laboratory reporting limit

August 11, 2011



Marlon Cartin
Advanced Technology Laboratory-Las Vegas
3151 W Post Rd.
Las Vegas, NV 89118
TEL: (702) 307-2659
FAX: (702) 307-2691

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
Workorder No.: 119263

RE:


Attention: Marlon Cartin

Enclosed are the results for sample(s) received on August 04, 2011 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,


Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 11-Aug-11

CLIENT: Advanced Technology Laboratory-Las Vega **Client Sample ID:** N006225-001E / EFF-08-02
Lab Order: 119263 **Collection Date:** 8/2/2011 12:00:00 PM
Project: **Matrix:** WASTEWATER
Lab ID: 119263-001A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

CYANIDE, TOTAL

SM4500-CN E

RunID: WETCHEM3_110809C	QC Batch: 74821	PrepDate: 8/9/2011	Analyst: AAG	
Cyanide	ND	0.010 mg/L	1	8/9/2011

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Advanced Technology Laboratory-Las Vegas

Work Order: 119263

Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 4500CNE_W_CH2

Sample ID: 119263-001A-MS	SampType: MS	TestCode: 4500CNE_W_	Units: mg/L	Prep Date: 8/9/2011	RunNo: 135700						
Client ID: N006225-001E / EFF-	Batch ID: 74821	TestNo: SM4500-CN E		Analysis Date: 8/9/2011	SeqNo: 2222480						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.388	0.010	0.4000	0	97.0	80	120				
---------	-------	-------	--------	---	------	----	-----	--	--	--	--

Sample ID: 119263-001A-MSD	SampType: MSD	TestCode: 4500CNE_W_	Units: mg/L	Prep Date: 8/9/2011	RunNo: 135700						
Client ID: N006225-001E / EFF-	Batch ID: 74821	TestNo: SM4500-CN E		Analysis Date: 8/9/2011	SeqNo: 2222481						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.431	0.010	0.4000	0	108	80	120	0.3880	10.5	20	
---------	-------	-------	--------	---	-----	----	-----	--------	------	----	--

Sample ID: LCS-74821	SampType: LCS	TestCode: 4500CNE_W_	Units: mg/L	Prep Date: 8/9/2011	RunNo: 135700						
Client ID: LCSW	Batch ID: 74821	TestNo: SM4500-CN E		Analysis Date: 8/9/2011	SeqNo: 2222483						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

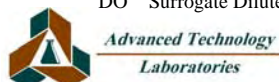
Cyanide	0.401	0.010	0.4000	0	100	80	120				
---------	-------	-------	--------	---	-----	----	-----	--	--	--	--

Sample ID: MB-74821	SampType: MBLK	TestCode: 4500CNE_W_	Units: mg/L	Prep Date: 8/9/2011	RunNo: 135700						
Client ID: PBW	Batch ID: 74821	TestNo: SM4500-CN E		Analysis Date: 8/9/2011	SeqNo: 2222484						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	ND	0.010									
---------	----	-------	--	--	--	--	--	--	--	--	--

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference





Advanced Technology Laboratories

3151-3153 W Post Rd., Las Vegas, NV 89118
www.atglobal.com
TEL: 7023072659 FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

QC Level: RTNE

Subcontractor:

Advanced Technology Laboratories - Signal Hill
3283 Walnut Ave.
Signal Hill, California

TEL: (562) 989-4045
FAX: (562) 989-4045
Acct #:

Field Sampler: James Dye

03-Aug-11

Sample ID	Matrix	Date Collected	Bottle Type	SM4500-CN E	Requested Tests
N006225-001E / EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	16OZP	1	

119263.117

General Comments: Please email sample receipt acknowledgement to the PM.

Please use PO#: N006225

Please fax results by: Normal TAT

Please analyze for CN by SM 4500CN E.

Date/Time	Date/Time
8/3/11 2:10 PM	8/2/11 10:10
Relinquished by: <i>[Signature]</i>	Received by: C. Fyork
Relinquished by: <i>[Signature]</i>	Received by:

V. S. 02
D. S. 02
G. S. 02

Carmen Aguila

From: Marlon Cartin [marlon@atl-labs.com]
Sent: Thursday, August 04, 2011 11:37 AM
To: Carmen Aguila; Rachelle Arada
Subject: N006225

Hi Carmen!

Please be informed that work order number N006225 is a CH2M Hill - Norwalk sample. Please use CH2M QA/QC requirement.

Thanks,

Marlon B. Cartin

Advanced Technology Laboratories, Inc.

3151 W. Post Road

Las Vegas, NV 89118

Phone: 702-307-2659 ext 410

Mobile: 702-439-0421

www.atl-labs.com

Advanced Technology Laboratories, Inc. is a full-service environmental lab providing organic and inorganic analyses of soil, water, wastewater, storm water and hazardous waste samples. ATL is accredited by the State of California, NELAP and State of Nevada and holds various SBE, DBE and MBE certificates and a USDA soil permit. ATL takes pride in providing our customers with quick turnaround time, excellent customer service and defensible data while offering very competitive rates. Advanced Technology Labs, Inc. - Your Partner for Quality Environmental Testing

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and delete the original message. Thank you.

DATE: August 17, 2011
CUSTOMER: Advanced Technology Laboratories
3151-3153 W Post Rd
Las Vegas, NV 89118
ATTENTION: Not Provided
REPORT NO: 146329
REFERENCE: PO# N006225
DATE RECEIVED: August 4, 2011 at 1252
DATE ANALYZED: August 17, 2011
SUBJECT: ANALYSIS OF WATER SAMPLES FOR ASBESTOS BY TEM
ACCREDITATION: California Dept. of Health Services ELAP 1119

The sample was prepared and analyzed according to EPA 600 94 134, 100.1.

The date and times of collection, ozonation and filtration are as follows:

<u>Sample</u>	<u>Date/Time of Collection</u>	<u>Date/Time of Ozonation</u>	<u>Date/Time of Filtration</u>
N006225-001F/EFF-08-02	08/02/11 at 1200	08/04/11 1300 - 1600	08/04/11 at 1618

The results of the analysis and the detection limit(s) are summarized on the following page(s), accompanied by the chain of custody.

Respectfully submitted,
EMS Laboratories, Inc.



B.M. Kolk
Laboratory Director
BMK/am

Note: The report shall not be reproduced, except in full without the written approval of EMS Laboratories, Inc.

Note: The results of the analysis are based upon the sample submitted to the laboratory. No representation is made regarding the sampling area other than that implied by the analytical results for the immediate vicinity of the samples analyzed as calculated from the data presented with those samples. All the analytical quality control data meet the requirement of the procedure unless otherwise indicated. Any deviation or exclusion from the test method is noted in this cover letter. Unless otherwise noted in this cover letter the samples were received properly packaged, clearly identified and intact.



ANALYSIS OF WATER BY TEM (EPA-600/4-83-043) EPA 100.1

LAB NO: 146329
 CLIENT: Advanced Technology Laboratories
 DATE: 8/17/2011

Laboratory I.D.	Client I.D.	FILTER MEDIA DATA			No. of G.O.	Analyzed Area, mm ²	Sample Volume (ml)
		Type	Diameter mm	Effective Area mm ²			
146329-02	N006225-001F/EFF0802	PC	47	1017	20	0.188	5
8/4/11-BLANK	EMS BLANK	PC	47	1017	20	0.188	500

INDIVIDUAL ANALYTICAL RESULTS

Laboratory I.D.	Client I.D.	No of Asbestos Fib			Detection Limit (MFL)	CONCENTRATION (MFL)		
		All sizes	Fib >5µm	Fib >10µm		Fib	Fib >5µm	Fib >10µm
146329-02	N006225-001F/EFF0802	ND	ND	ND	1.1	< 1.1	< 1.1	< 1.1
8/4/11-BLANK	EMS BLANK	ND	ND	ND	0.01	< 0.01	< 0.01	< 0.01

The analysis was carried out to the approved TEM method. This laboratory is in compliance with the quality specified by the method.


 Authorized Signature

NA Not Applicable
 ND None Detected
 PC Polycarbonate Filter
 GO Grid Openings
 MFL Million Fibers per Liter
 Fib Fibers

TEM-6A (2011 Rev)



Advanced Technology Laboratories
 3151-3153 W Post Rd., Las Vegas, NV 89118
 www.atglobal.com
 TEL: 7023072659

CHAIN-OF-CUSTODY RECORD

FAX: 7023072691

146329

QC Level: RTNE

Subcontractor:

EMS Laboratories
 117 W. Bellevue Dr.
 Pasadena, CA 91105

TEL: (626) 568-4065
 FAX:
 Acct #:

Field Sampler: James Dye

03-Aug-11

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests	
				Asb_TEM	
N006225-001F / EFF-08-02	Wastewater	8/2/2011 12:00:00 PM	16OZP	1	

General Comments: Please email sample receipt acknowledgement to the PM.
 Please use PO#: N006225 Please fax results by: Normal TAT
 Please analyze for Asbestos by EPA/600/R-93/116 (PCM)

Relinquished by:	Date/Time	Received by:	Date/Time
	8/2/11 12:00 PM		8/4/11 @ 12:52
Relinquished by:		Received by:	

EPA 8290 - Dioxins and Furans

Advanced Technology Labs
3151-3153 W. Post Rd.
Las Vegas, NV 89118

Attn: Marlon Cartin
Project: SFPP Norwalk

Sample ID: N006419-001J / EFFLUENT 09-09

Sample Collection Date: 09/09/11

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 66184

APPL ID: AY50052

QCG: \$8290W-111104A-161110

Method	Analyte	Result	PQL	EDL/EMPC	Units	Ext Date	Analysis Date
EPA 8290	2,3,7,8-TCDD	6.1PC U	50.0	6.1PC	pg/L	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-1,2,3,4,6,7,8-HPCDD (S)	105	40-135		%	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-1,2,3,4,6,7,8-HPCDF (S)	83.8	40-135		%	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-1,2,3,4,7,8-HXCDF (S)	66.1	40-135		%	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-1,2,3,6,7,8-HXCDD (S)	72.7	40-135		%	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-1,2,3,7,8-PECDD (S)	121	40-135		%	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-1,2,3,7,8-PECDF (S)	97.4	40-135		%	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-2,3,7,8-TCDD (S)	82.0	40-135		%	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-2,3,7,8-TCDF (S)	77.2	40-135		%	11/04/11	11/11/11
EPA 8290	SURROGATE: 13C-OCDD (S)	109	40-135		%	11/04/11	11/11/11

Quant Method: 8290_111110
Run #: 111110_HR_20
Instrument: Magneto
Sequence: 111110
Dilution Factor: 1
Initials: RP

Printed: 11/14/11 9:00:09 AM
Form 1 - APPL Standard GC - No MC

September 16, 2011

Daniel Jablonski
CH2M HILL
155 Grand Avenue, Suite 1000
Oakland, CA 94612
TEL: (213)228-8271
FAX: (510) 622-9129

CA-ELAP No.:2676
NV Cert. No.:NV-009222007A

Workorder No.: N006419

RE: SFPP - Norwalk Site

Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on September 09, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006419

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Subcontracted Analyses:

Settleable Matter by SM 2540F and Phenolics by EPA 420.1 were subcontracted to Advanced Technology Laboratories-Signal Hill, CA .



CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006419
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N006419-001A	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011
N006419-001B	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011
N006419-001C	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011
N006419-001D	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011
N006419-001E	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011
N006419-001F	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011
N006419-001G	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011
N006419-001H	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011
N006419-001I	EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	9/9/2011	9/16/2011



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 16-Sep-11

CLIENT: CH2M HILL
Lab Order: N006419
Project: SFPP - Norwalk Site
Lab ID: N006419-001

Client Sample ID: EFFLUENT-09-09
Collection Date: 9/9/2011 10:30:00 AM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

TOTAL NON-FILTERABLE RESIDUE

SM2540D

RunID: WETCHEM_110915A	QC Batch: 37838				PrepDate: 9/15/2011	Analyst: CEI
Suspended Solids (Residue, Non-Filterable)	ND	10	10	mg/L	1	9/15/2011

OIL & GREASE

EPA 1664_HEM

RunID: WETCHEM_110913A	QC Batch: 37818				PrepDate: 9/13/2011	Analyst: QBM
Oil & Grease	ND	1.0	4.3	mg/L	1	9/13/2011

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_110911A	QC Batch: D11VW127				PrepDate:	Analyst: QBM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	9/11/2011 08:26 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	9/11/2011 08:26 PM
Benzene	ND	0.075	1.0	µg/L	1	9/11/2011 08:26 PM
Ethylbenzene	ND	0.051	1.0	µg/L	1	9/11/2011 08:26 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	9/11/2011 08:26 PM
MTBE	ND	0.089	1.0	µg/L	1	9/11/2011 08:26 PM
o-Xylene	ND	0.077	1.0	µg/L	1	9/11/2011 08:26 PM
Tert-Butanol	ND	1.2	5.0	µg/L	1	9/11/2011 08:26 PM
Toluene	ND	0.12	2.0	µg/L	1	9/11/2011 08:26 PM
Xylenes, Total	ND	1.5	2.0	µg/L	1	9/11/2011 08:26 PM
Surr: 1,2-Dichloroethane-d4	86.0	0	72-119	%REC	1	9/11/2011 08:26 PM
Surr: 4-Bromofluorobenzene	98.7	0	76-119	%REC	1	9/11/2011 08:26 PM
Surr: Dibromofluoromethane	90.1	0	85-115	%REC	1	9/11/2011 08:26 PM
Surr: Toluene-d8	103	0	81-120	%REC	1	9/11/2011 08:26 PM

TPH-FUEL PRODUCT BY GC/FID

EPA 3510C

EPA 8015B

RunID: GC3_110913D	QC Batch: 37798				PrepDate: 9/12/2011	Analyst: PYW
TPH-Diesel (C13-C22)	ND	13	51	ug/L	1	9/14/2011 02:51 AM
TPH-Oil (C23-C36)	14	9.8	51	ug/L	1	9/14/2011 02:51 AM
Surr: Octacosane	76.1	0	26-152	%REC	1	9/14/2011 02:51 AM
Surr: p-Terphenyl	75.2	0	57-132	%REC	1	9/14/2011 02:51 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: GC4_110912A	QC Batch: E11VW046				PrepDate:	Analyst: QBM
---------------------------	---------------------------	--	--	--	-----------	---------------------

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interferenc
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Lab Order: N006419
Project: SFPP - Norwalk Site
Lab ID: N006419-001

Client Sample ID: EFFLUENT-09-09
Collection Date: 9/9/2011 10:30:00 AM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: GC4_110912A	QC Batch: E11VW046					PrepDate:	Analyst: QBM
TPH-Gasoline (C4-C12)	ND	6.0	100		µg/L	1	9/12/2011
Surr: Chlorobenzene - d5	94.8	0	74-138		%REC	1	9/12/2011

HEXAVALENT CHROMIUM BY IC

EPA 7199

RunID: IC1_110910A	QC Batch: R81538					PrepDate:	Analyst: QBM
Hexavalent Chromium	ND	0.028	0.20		µg/L	1	9/10/2011 08:57 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 245.1

RunID: AA1_110912A	QC Batch: 37794					PrepDate: 9/10/2011	Analyst: CEI
Mercury	ND	0.023	0.050		µg/L	1	9/12/2011

ICPMS METALS

EPA 200.8

EPA 200.8

RunID: ICP7_110912A	QC Batch: 37795					PrepDate: 9/10/2011	Analyst: JT
Copper	1.8	0.010	0.50		µg/L	1	9/12/2011 09:30 AM
Lead	0.12	0.021	0.50	J	µg/L	1	9/12/2011 09:30 AM
Thallium	ND	0.043	0.50		µg/L	1	9/12/2011 09:30 AM
Zinc	15	0.16	10		µg/L	1	9/12/2011 09:30 AM

ICP-MS METALS BY DRC-TECHNOLOGY

EPA 200.8

EPA 200.8

RunID: ICP7_110912A	QC Batch: 37795					PrepDate: 9/10/2011	Analyst: JT
Selenium	ND	0.50	0.50		µg/L	1	9/12/2011 09:30 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interferenc
		Results are wet unless otherwise specified	DO	Surrogate Diluted Out



ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL

Work Order: N006419

Project: SFPP - Norwalk Site

TestCode: 160.2_2540D_W

Sample ID: MB-37838	SampType: MBLK	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 9/15/2011	RunNo: 81529						
Client ID: PBW	Batch ID: 37838	TestNo: SM2540D		Analysis Date: 9/15/2011	SeqNo: 1309580						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	ND	10									

Sample ID: LCS-37838	SampType: LCS	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 9/15/2011	RunNo: 81529						
Client ID: LCSW	Batch ID: 37838	TestNo: SM2540D		Analysis Date: 9/15/2011	SeqNo: 1309581						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	960.000	10	1000	0	96.0	80	120				

Sample ID: N006419-001A-DUP	SampType: DUP	TestCode: 160.2_2540D_	Units: mg/L	Prep Date: 9/15/2011	RunNo: 81529						
Client ID: ZZZZZ	Batch ID: 37838	TestNo: SM2540D		Analysis Date: 9/15/2011	SeqNo: 1309583						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	ND	10									

0 0 0 0 5

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

TestCode: 1664_HEM_W

Sample ID: MB-37818	SampType: MBLK	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 9/13/2011	RunNo: 81540
Client ID: PBW	Batch ID: 37818	TestNo: EPA 1664_H		Analysis Date: 9/13/2011	SeqNo: 1309706
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Oil & Grease	ND	4.0			
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: LCS-37818	SampType: LCS	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 9/13/2011	RunNo: 81540
Client ID: LCSW	Batch ID: 37818	TestNo: EPA 1664_H		Analysis Date: 9/13/2011	SeqNo: 1309707
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Oil & Grease	37.400	4.0	40.00	0	93.5
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: N006419-001BMS	SampType: MS	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 9/13/2011	RunNo: 81540
Client ID: ZZZZZZ	Batch ID: 37818	TestNo: EPA 1664_H		Analysis Date: 9/13/2011	SeqNo: 1309715
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Oil & Grease	46.173	4.9	49.38	0	93.5
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: N006419-001BMSD	SampType: MSD	TestCode: 1664_HEM_W	Units: mg/L	Prep Date: 9/13/2011	RunNo: 81540
Client ID: ZZZZZZ	Batch ID: 37818	TestNo: EPA 1664_H		Analysis Date: 9/13/2011	SeqNo: 1309716
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Oil & Grease	42.706	4.7	47.06	0	90.8
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: MB-37795	SampType: MBLK	TestCode: 200.8_W	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: PBW	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308074						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.034	0.50									J
Lead	ND	0.50									
Thallium	ND	0.50									
Zinc	0.392	10									J

Sample ID: LCS-37795	SampType: LCS	TestCode: 200.8_W	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: LCSW	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308075						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	10.105	0.50	10.00	0	101	85	115				
Lead	9.817	0.50	10.00	0	98.2	85	115				
Thallium	9.864	0.50	10.00	0	98.6	85	115				
Zinc	98.051	10	100.0	0	98.1	85	115				

Sample ID: N006419-001G-MS	SampType: MS	TestCode: 200.8_W	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: ZZZZZZ	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308079						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	10.621	0.50	10.00	1.831	87.9	75	125				
Lead	10.304	0.50	10.00	0.1186	102	75	125				
Thallium	10.476	0.50	10.00	0	105	75	125				
Zinc	99.203	10	100.0	15.42	83.8	75	125				

Sample ID: N006419-001G-MSD	SampType: MSD	TestCode: 200.8_W	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: ZZZZZZ	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308080						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	10.324	0.50	10.00	1.831	84.9	75	125	10.62	2.84	20	
Lead	10.156	0.50	10.00	0.1186	100	75	125	10.30	1.45	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: N006419-001G-MSD	SampType: MSD	TestCode: 200.8_W	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: ZZZZZ	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308080						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Thallium	10.396	0.50	10.00	0	104	75	125	10.48	0.767	20	
Zinc	99.784	10	100.0	15.42	84.4	75	125	99.20	0.584	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W_DRC

CLIENT: CH2M HILL
 Work Order: N006419
 Project: SFPP - Norwalk Site

Sample ID: MB-37795	SampType: MBLK	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: PBW	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308049						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	ND	0.50									

Sample ID: LCS-37795	SampType: LCS	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: LCSW	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308050						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	9.377	0.50	10.00	0	93.8	85	115				

Sample ID: N006419-001G-MS	SampType: MS	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: ZZZZZZ	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308054						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	8.742	0.50	10.00	0	87.4	75	125				

Sample ID: N006419-001G-MSD	SampType: MSD	TestCode: 200.8_W_DR	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81469						
Client ID: ZZZZZZ	Batch ID: 37795	TestNo: EPA 200.8	EPA 200.8	Analysis Date: 9/12/2011	SeqNo: 1308055						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	8.957	0.50	10.00	0	89.6	75	125	8.742	2.44	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

TestCode: 245.1_W_LL

Sample ID: LCS-37794	SampType: LCS	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81460
Client ID: LCSW	Batch ID: 37794	TestNo: EPA 245.1		Analysis Date: 9/12/2011	SeqNo: 1307892
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Mercury	2.629	0.050	2.500	0	105
				LowLimit	HighLimit
				85	115
				%RPD	RPDLimit
					Qual

Sample ID: MB-37794	SampType: MBLK	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81460
Client ID: PBW	Batch ID: 37794	TestNo: EPA 245.1		Analysis Date: 9/12/2011	SeqNo: 1307893
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Mercury	ND	0.050			
				LowLimit	HighLimit
				%RPD	RPDLimit
					Qual

Sample ID: N006419-001G-MS	SampType: MS	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81460
Client ID: ZZZZZZ	Batch ID: 37794	TestNo: EPA 245.1		Analysis Date: 9/12/2011	SeqNo: 1307895
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Mercury	2.494	0.050	2.500	0	99.7
				LowLimit	HighLimit
				75	125
				%RPD	RPDLimit
					Qual

Sample ID: N006419-001G-MSD	SampType: MSD	TestCode: 245.1_W_LL	Units: µg/L	Prep Date: 9/10/2011	RunNo: 81460
Client ID: ZZZZZZ	Batch ID: 37794	TestNo: EPA 245.1		Analysis Date: 9/12/2011	SeqNo: 1307896
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Mercury	2.591	0.050	2.500	0	104
				LowLimit	HighLimit
				75	125
				%RPD	RPDLimit
					Qual

20

3.84

2.494

125

75

104

0

2.500

0.050

2.591

2.494

125

75

104

0

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

TestCode: 7199_WPGE

Sample ID: MB-R81538	SampType: MBLK	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 81538
Client ID: PBW	Batch ID: R81538	TestNo: EPA 7199		Analysis Date: 9/10/2011	SeqNo: 1309669
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	ND	0.20			
			LowLimit	HighLimit	RPD Ref Val
					%RPD
					RPDLimit
					Qual

Sample ID: LCS-R81538	SampType: LCS	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 81538
Client ID: LCSW	Batch ID: R81538	TestNo: EPA 7199		Analysis Date: 9/10/2011	SeqNo: 1309670
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	4.986	0.20	5.000	0	99.7
				90	110

Sample ID: N006419-001IDUP	SampType: DUP	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 81538
Client ID: ZZZZZZ	Batch ID: R81538	TestNo: EPA 7199		Analysis Date: 9/10/2011	SeqNo: 1309672
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	ND	0.20			
				0	0
					20

Sample ID: N006419-001IMS	SampType: MS	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 81538
Client ID: ZZZZZZ	Batch ID: R81538	TestNo: EPA 7199		Analysis Date: 9/10/2011	SeqNo: 1309673
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	1.002	0.20	1.000	0	100
				85	115

Sample ID: N006419-001IMSD	SampType: MSD	TestCode: 7199_WPGE	Units: µg/L	Prep Date:	RunNo: 81538
Client ID: ZZZZZZ	Batch ID: R81538	TestNo: EPA 7199		Analysis Date: 9/10/2011	SeqNo: 1309674
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hexavalent Chromium	0.983	0.20	1.000	0	98.3
				85	115
					1.002
					1.92
					20

Qualifiers:

- B Analyte detected in the associated Method Blank
 - J Analyte detected below quantitation limits
 - S Spike/Surrogate outside of limits due to matrix interference
 - E Value above quantitation range
 - ND Not Detected at the Reporting Limit
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_FP_SFPP

Sample ID: MB-37798	SampType: MBLK	TestCode: 8015_W_FP_	Units: ug/L	Prep Date: 9/12/2011	RunNo: 81503						
Client ID: PBW	Batch ID: 37798	TestNo: EPA 8015B	EPA 3510C	Analysis Date: 9/14/2011	SeqNo: 1308940						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-Diesel (C13-C22)	12.761	50									J
TPH-Oil (C23-C36)	12.380	50									J
Surr: Octacosane	69.282		80.00		86.6	26	152				
Surr: p-Terphenyl	67.540		80.00		84.4	57	132				

Qualifiers:

- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - S Spike/Surrogate outside of limits due to matrix interference
 - DO Surrogate Diluted Out
 - H Holding times for preparation or analysis exceeded
 - R RPD outside accepted recovery limits
- Calculations are based on raw values

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GSFPP

Sample ID: E110912LCS	SampType: LCS	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 81487						
Client ID: LCSW	Batch ID: E11VW046	TestNo: EPA 8015B		Analysis Date: 9/12/2011	SeqNo: 1308499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	862.000	100	1000	0	86.2	67	136				
Surr: Chlorobenzene - d5	48.651		50.00		97.3	74	138				

Sample ID: E110912MB1	SampType: MBLK	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 81487						
Client ID: PBW	Batch ID: E11VW046	TestNo: EPA 8015B		Analysis Date: 9/12/2011	SeqNo: 1308500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	ND	100									
Surr: Chlorobenzene - d5	51.709		50.00		103	74	138				

Sample ID: N006419-001DMS	SampType: MS	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 81487						
Client ID: ZZZZZ	Batch ID: E11VW046	TestNo: EPA 8015B		Analysis Date: 9/12/2011	SeqNo: 1308501						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	704.000	100	1000	0	70.4	67	136				
Surr: Chlorobenzene - d5	40.887		50.00		81.8	74	138				

Sample ID: N006419-001DMSD	SampType: MSD	TestCode: 8015_W_GSF	Units: µg/L	Prep Date:	RunNo: 81487						
Client ID: ZZZZZ	Batch ID: E11VW046	TestNo: EPA 8015B		Analysis Date: 9/12/2011	SeqNo: 1308502						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline (C4-C12)	747.000	100	1000	0	74.7	67	136	704.0	5.93	0	0
Surr: Chlorobenzene - d5	45.362		50.00		90.7	74	138		0	0	0

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

TestCode: 8260_WP_SFPP

Sample ID: D110911LCS	SampType: LCS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 81462						
Client ID: LCSW	Batch ID: D11VW127	TestNo: EPA 8260B		Analysis Date: 9/11/2011	SeqNo: 1307917						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	20.220	0.50	20.00	0	101	69	133				
1,2-Dichloroethane	19.580	0.50	20.00	0	97.9	69	132				
Benzene	19.190	1.0	20.00	0	96.0	81	122				
Ethylbenzene	20.030	1.0	20.00	0	100	73	127				
m,p-Xylene	42.060	1.0	40.00	0	105	76	128				
MTBE	19.640	1.0	20.00	0	98.2	65	123				
o-Xylene	20.460	1.0	20.00	0	102	80	121				
Tert-Butanol	117.740	5.0	100.0	0	118	70	130				
Toluene	19.880	2.0	20.00	0	99.4	77	122				
Xylenes, Total	62.520	2.0	60.00	0	104	75	125				
Surr: 1,2-Dichloroethane-d4	24.980		25.00		99.9	72	119				
Surr: 4-Bromofluorobenzene	24.590		25.00		98.4	76	119				
Surr: Dibromofluoromethane	25.760		25.00		103	85	115				
Surr: Toluene-d8	25.120		25.00		100	81	120				

Sample ID: N006419-001CMS	SampType: MS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 81462						
Client ID: ZZZZZZ	Batch ID: D11VW127	TestNo: EPA 8260B		Analysis Date: 9/11/2011	SeqNo: 1307918						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	19.580	0.50	20.00	0	97.9	69	133				
1,2-Dichloroethane	18.130	0.50	20.00	0	90.7	69	132				
Benzene	19.290	1.0	20.00	0	96.5	81	122				
Ethylbenzene	20.870	1.0	20.00	0	104	73	127				
m,p-Xylene	44.270	1.0	40.00	0	111	76	128				
MTBE	17.560	1.0	20.00	0	87.8	65	123				
o-Xylene	21.090	1.0	20.00	0	105	80	121				
Tert-Butanol	93.850	5.0	100.0	0	93.8	70	130				
Toluene	19.850	2.0	20.00	0	99.2	77	122				
Xylenes, Total	65.360	2.0	60.00	0	109	75	125				
Surr: 1,2-Dichloroethane-d4	22.400		25.00		89.6	72	119				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

TestCode: 8260_WP_SFPP

Sample ID: N006419-001CMS	SampType: MS	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 81462						
Client ID: ZZZZZ	Batch ID: D11VW127	TestNo: EPA 8260B		Analysis Date: 9/11/2011	SeqNo: 1307918						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	25.090		25.00		100	76	119				
Surr: Dibromofluoromethane	24.660		25.00		98.6	85	115				
Surr: Toluene-d8	25.320		25.00		101	81	120				

Sample ID: N006419-001CMS	SampType: MSD	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 81462						
Client ID: ZZZZZ	Batch ID: D11VW127	TestNo: EPA 8260B		Analysis Date: 9/11/2011	SeqNo: 1307919						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	19.450	0.50	20.00	0	97.3	69	133	19.58	0.666	20	
1,2-Dichloroethane	17.750	0.50	20.00	0	88.8	69	132	18.13	2.12	20	
Benzene	19.580	1.0	20.00	0	97.9	81	122	19.29	1.49	20	
Ethylbenzene	21.270	1.0	20.00	0	106	73	127	20.87	1.90	20	
m,p-Xylene	44.330	1.0	40.00	0	111	76	128	44.27	0.135	20	
MTBE	17.090	1.0	20.00	0	85.4	65	123	17.56	2.71	20	
o-Xylene	21.280	1.0	20.00	0	106	80	121	21.09	0.897	20	
Tert-Butanol	96.620	5.0	100.0	0	96.6	70	130	93.85	2.91	20	
Toluene	20.360	2.0	20.00	0	102	77	122	19.85	2.54	20	
Xylenes, Total	65.610	2.0	60.00	0	109	75	125	65.36	0.382	20	
Surr: 1,2-Dichloroethane-d4	22.120		25.00		88.5	72	119		0		
Surr: 4-Bromofluorobenzene	25.100		25.00		100	76	119		0		
Surr: Dibromofluoromethane	24.330		25.00		97.3	85	115		0		
Surr: Toluene-d8	25.690		25.00		103	81	120		0		

Sample ID: D110911MB3	SampType: MBLK	TestCode: 8260_WP_SF	Units: µg/L	Prep Date:	RunNo: 81462						
Client ID: PBW	Batch ID: D11VW127	TestNo: EPA 8260B		Analysis Date: 9/11/2011	SeqNo: 1307920						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Benzene	ND	1.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

CLIENT: CH2M HILL
Work Order: N006419
Project: SFPP - Norwalk Site

TestCode: 8260_WP_SFPP

RunNo: 81462
 SeqNo: 1307920

Prep Date:
 Analysis Date: 9/11/2011

TestCode: 8260_WP_SF Units: µg/L
 TestNo: EPA 8260B

Batch ID: D11VW127
 PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	ND	1.0									
m,p-Xylene	ND	1.0									
MTBE	ND	1.0									
o-Xylene	ND	1.0									
Tert-Butanol	ND	5.0									
Toluene	ND	2.0									
Xylenes, Total	ND	2.0									
Surr: 1,2-Dichloroethane-d4	23.810		25.00		95.2	72	119				
Surr: 4-Bromofluorobenzene	24.500		25.00		98.0	76	119				
Surr: Dibromofluoromethane	23.120		25.00		92.5	85	115				
Surr: Toluene-d8	25.960		25.00		104	81	120				

Qualifiers:

B Analyte detected in the associated Method Blank
 J Analyte detected below quantitation limits
 S Spike/Surrogate outside of limits due to matrix interference
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 Calculations are based on raw values

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 9/10/2011 Workorder: N006419
 Rep sample Temp (Deg C): 3.6 IR Gun ID: 2
 Temp Blank: Yes No
 Carrier name: OnTrac
 Last 4 digits of Tracking No.: 8474 Packing Material Used: Bubble Wrap
 Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed B

NS 9/10/11

Reviewed By:

[Signature]



800-334-5000
Call For A Pickup!

Account Number **B10241808474**

Date

FROM (Company) **ENVIRO TREATMENT & TECHNOLOGY***

Street Address **3875 WALNUT AVE SUITE**

City **SIGNAL HILL**

State **CA** Zip Code (Required) **90755**

Phone Number

PLEASE PRINT IN BLOCK LETTERS with Blue / Black Ink

TO (Company) **WE CANNOT DELIVER TO A P.O. BOX**

Street Address **ATL**

Street Address **3151 W. POST RD.**

Suite # **LAS VEGAS**

City **702-307-2659**

State **NV** Zip Code (Required) **89118**

Phone Number

Recipient's Name **SAMPLE RECEIVING**

Shipper's Ref. # **CNDM AIVL DADII**



B10241808474

Service Options	Billing Information	Weight
<input type="checkbox"/> SUNRISE - BY 10:30 AM* <input type="checkbox"/> SUNRISE GOLD - BY 8:00 AM* <input type="checkbox"/> HEAVYWEIGHT* <input type="checkbox"/> Saturday Delivery - Extra Charge (see Service Guide for details) <input type="checkbox"/> HOLD FOR PICKUP <small>This shipment requires a delivery signature</small> <input type="checkbox"/> Declared Value \$ (maximum \$25,000)	<input type="checkbox"/> Bill Shipper's Account <input checked="" type="checkbox"/> Bill Other Acct #	<input type="checkbox"/> 8 oz. Letter or Weight lbs. (Subject to verification)
<input type="checkbox"/> C.O.D. Amount \$ Limit \$10,000 (also C.O.D. tag to package) <input type="checkbox"/> Secured Payment (Money Order or Certified Check) <input type="checkbox"/> Unsecured Payment (Company Check or Personal Check)	Dim weight charge if greater than actual weight L in. X W in. X H in. +225 =	
Driver # Pick-up Time Shipper's Name Shipper's Initials	Shipper's Signature	

Shipper's Name **C A A R T L A**

September 16, 2011



Marlon Cartin
Advanced Technology Laboratory-Las Vegas
3151 W Post Rd.
Las Vegas, NV 89118
TEL: (702) 307-2659
FAX: (702) 307-2691

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003

Workorder No.: 119756

RE:

Attention: Marlon Cartin

Enclosed are the results for sample(s) received on September 09, 2011 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



CLIENT: Advanced Technology Laboratory-Las Vega

Project:

Lab Order: 119756

CASE NARRATIVE

Sample Receiving / General Comments

Sample was preserved in-house for EPA 420.1 (Phenols) analysis.



Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: 16-Sep-11

CLIENT: Advanced Technology Laboratory-Las Vega **Client Sample ID:** N006419-001E / EFFLUENT-09-09
Lab Order: 119756 **Collection Date:** 9/9/2011 10:30:00 AM
Project: **Matrix:** WASTEWATER
Lab ID: 119756-001A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
-----------------	---------------	------------	-------------	--------------	-----------	----------------------

SETTLABLE MATTER

SM2540F

RunID: WETCHEM_110909B	QC Batch: 75436				PrepDate: 9/9/2011	Analyst: PT
Settleable Matter	ND	0.10		ml/L	1	9/9/2011

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: 16-Sep-11

CLIENT: Advanced Technology Laboratory-Las Vega **Client Sample ID:** N006419-001F / EFFLUENT-09-09
Lab Order: 119756 **Collection Date:** 9/9/2011 10:30:00 AM
Project: **Matrix:** WASTEWATER
Lab ID: 119756-002A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
-----------------	---------------	------------	-------------	--------------	-----------	----------------------

PHENOLICS

EPA 420.1

RunID: WETCHEM3_110913B	QC Batch: 75494				PrepDate: 9/12/2011	Analyst: AAG
Phenolics, Total Recoverable	ND	0.030		mg/L	1	9/13/2011

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Advanced Technology Laboratory-Las Vegas

Work Order: 119756

Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 2540F_CH2

Sample ID: MB-75436	SampType: MBLK	TestCode: 2540F_CH2	Units: m/L	Prep Date: 9/9/2011	RunNo: 136517						
Client ID: PBW	Batch ID: 75436	TestNo: SM2540F		Analysis Date: 9/9/2011	SeqNo: 2238259						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Settleable Matter	ND	0.10									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Advanced Technology Laboratory-Las Vegas
Work Order: 119756
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 420.1_W_CH2

Sample ID: 119754-008E-MS	SampType: MS	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 9/12/2011	RunNo: 136586						
Client ID: ZZZZZZ	Batch ID: 75494	TestNo: EPA 420.1		Analysis Date: 9/13/2011	SeqNo: 2239569						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.602	0.030	2.500	0.07800	101	80	120				

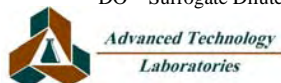
Sample ID: 119754-008E-MSD	SampType: MSD	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 9/12/2011	RunNo: 136586						
Client ID: ZZZZZZ	Batch ID: 75494	TestNo: EPA 420.1		Analysis Date: 9/13/2011	SeqNo: 2239570						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.580	0.030	2.500	0.07800	100	80	120	2.602	0.849	20	

Sample ID: LCS-75494	SampType: LCS	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 9/12/2011	RunNo: 136586						
Client ID: LCSW	Batch ID: 75494	TestNo: EPA 420.1		Analysis Date: 9/13/2011	SeqNo: 2239572						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.499	0.030	2.500	0	100	80	120				

Sample ID: MB-75494	SampType: MBLK	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 9/12/2011	RunNo: 136586						
Client ID: PBW	Batch ID: 75494	TestNo: EPA 420.1		Analysis Date: 9/13/2011	SeqNo: 2239573						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	ND	0.030									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |





Advanced Technology Laboratories

3151-3153 W Post Rd., Las Vegas, NV 89118
www.atlglobal.com
TEL: 7023072659 FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

QC Level: RTNE

Subcontractor:

Advanced Technology Laboratories - Signal Hill
3283 Walnut Ave.
Signal Hill, California

TEL: (562) 989-4045
FAX: (562) 989-4045
Acct #:

Field Sampler: James Dye

09-Sep-11

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests
N006419-001E / EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	32OZG	SM2540F
N006419-001F / EFFLUENT-09-09	Wastewater	9/9/2011 10:30:00 AM	32OZG	1

General Comments: Please email sample receipt acknowledgement to the PM.

Please use PO#: N006419

Please fax results by: by Normal TAT.

Relinquished by:

Date/Time

9/9/11

Received by:

Relinquished by:

Date/Time

9/9/11 15:09

CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY

ADVANCED TECHNOLOGY LABORATORIES
 3275 Walnut Ave., Signal Hill, CA 90755
 Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O. #: _____ Quote #: _____
 Logged By: _____ Date: _____

NOTE: Please include your Quote No. to ensure proper pricing of your project.

Method of Transport
 Client ATL
 FedEx OnTrac
 GSO Other: _____

Sample Condition Upon Receipt
 1. CHILLED Y N 4. SEALED Y N
 2. HEADSPACE (VOA) Y N 5. # OF SPLS MATCH COC Y N
 3. CONTAINER INTACT Y N 6. PRESERVED Y N

Client: Advanced Technology Laboratory
Attention: _____
Project Name: CH2M Hill -Norwalk
Relinquished by: (Signature and Printed Name)
Relinquished by: (Signature and Printed Name)
Relinquished by: (Signature and Printed Name)

Address: 3151 W Post Rd.
City: Las Vegas **State:** NV **Zip Code:** 89118
Sampler: _____
City: _____ **State:** _____ **Zip:** _____

Received by: (Signature and Printed Name) _____
Date: 9/9/2011 **Time:** _____

Received by: (Signature and Printed Name) _____
Date: _____ **Time:** _____

Received by: (Signature and Printed Name) _____
Date: _____ **Time:** _____

Special Instructions/Comments:
 15 min Shipping Time

Bill To: _____
Attn: _____
Co: _____
Addr: _____
City: _____ **State:** _____ **Zip:** _____

Circle or Add Analysis(es) Requested:
 8081A (Pesticides) _____
 8200B (PCB) _____
 8270C (BNA) _____
 8010B (Total Metal) _____
 8015B (GFO) / 8021 (BTEX) _____
 8015B (DFO) _____
 TITLE 22 / CAM 17 (6010 / 7000) Field Services _____
 x

Sample/Records - Archival & Disposal
 Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
 Sample: \$2.00 / sample /mo (after 45 days)
 Records: \$1 /ATL workorder /mo (after 1 year)

LAB USE ONLY: Batch #:	Sample ID / Location	Sample Description	Date	Time	SPECIFY APPROPRIATE MATRIX		CONTAINER(S)		TAT #	Type
					SEDIMENT	SOIL	DRINKING WATER	GROUND WATER		
14757-01			9/9/2011							

QA/QC
 RTNE _____
 CT _____
 Legal _____
 SWRCB Logcode _____
 OTHER _____

REMARKS

TAT: A = Overnight ≤ 24 hrs B = Emergency Next Workday C = Critical 2 Workdays D = Urgent 3 Workdays E = Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass M=Metal

Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4°C
 Z=Zn(AC)₂ O=NaOH T=Na₂S₂O₃

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories

3451 W Post Road

Las Vegas, NV 89118

Tel: 702-307-2659 Fax: 702-307-2691

Marlon Cartin (marlon@atl-labs.com)

DATE: 9/9/11

PAGE: OF 1

LABORATORY CLIENT: Kinder Morgan Energy Partners, Attn: Steve Defibaugh ADDRESS: 1100 Town & Country Road CITY: Orange, CA 92868 TEL: 714-560-4802 FAX: 714-560-4601 E-MAIL james.dye@kindermorgan.com		CLIENT PROJECT NAME/NUMBER: SFPP - Norwalk Site PROJECT CONTACT: James Dye SAMPLER(S): (SIGNATURE)		P.O. NO.: QUOTE NO.: LAB USE ONLY			
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input checked="" type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL / /		REQUIRED ANALYSIS X TPH-g, TPH-d, TPH-oil (605B) X oil grease (1664) X TPH-g, TPH-d, TPH-oil (605B) X settable solids (SM2540F) X Total suspended solids (SM2540D) X Phenol (420.1) X BTEX, 1,1-DCA, 1,2-DCA (8260B) X MTBE & TBA (8240B) & 24 HRT X Cu, Pb, Ti, & Zn (200.8) X Se (200.8); Hg (45.1) & 24 HRT X Cr VI (7199)					
SPECIAL INSTRUCTIONS Report to D. Jablonski/CH2M HILL, cc: KMEP Direct Bill KMEP/SFPP - Steve Defibaugh-ref. AFE# 81195 "J" flags required/Use lowest possible detection limit - all methods.		COMMENTS					
LAB USE ONLY	SAMPLE ID	LOCATION/DESCRIPTION	SAMPLING DATE	TIME	MAT-RIX	NO. OF CONT.	Comments
	EFFLUENT-0709	EFFLUENT	9/9/11	1030	ww	10	
Relinquished by: (Signature) [Signature]		Received by: (Signature) FPDWK		Date: 9/9/11		Time: 1322	
Relinquished by: (Signature) FPDWK		Received by: (Signature) ACW		Date: 9/9/11		Time: 1348	
Relinquished by: (Signature)		Received by: (Signature)		Date:		Time:	

Revised: 04/27/2011

5.4

Carmen Aguila

From: Glen S. Gesmundo [glen@atl-labs.com]
Sent: Friday, September 09, 2011 2:54 PM
To: Fernando Diwa; Marlon Cartin
Cc: Carmen Aguila; Rachelle Arada
Subject: RE: Pick-up @ norwalk
Attachments: N006419SubCOC.pdf

Please see attached sub COC.

From: Fernando Diwa [mailto:fernando@atlglobal.com]
Sent: Friday, September 09, 2011 2:01 PM
To: Marlon Cartin
Cc: Carmen Aguila; Rachelle Arada; Glen S. Gesmundo
Subject: RE: Pick-up @ norwalk

Hi Marlon,

Please see attached coc for the samples we received today from CH2M HILL-Norwalk.

Regards,

Ronnie

From: Marlon Cartin [mailto:marlon@atl-labs.com]
Sent: Friday, September 09, 2011 9:06 AM
To: Carmen Aguila; Rachelle Arada
Subject: Pick-up @ norwalk

Hi Carmen!

Per our conversation, please schedule a courier today at Norwalk Site by 11:00 AM. Contact is Vladimir.

Thanks,

Marlon B. Cartin

Advanced Technology Laboratories, Inc.

3151 W. Post Road

Las Vegas, NV 89118

Phone: 702-307-2659 ext 410

Mobile: 702-439-0421

www.atl-labs.com

Advanced Technology Laboratories, Inc. is a full-service environmental lab providing organic and inorganic analyses of soil, water, wastewater, storm water and hazardous waste samples. ATL is accredited by the State of California, NELAP

and State of Nevada and holds various SBE, DBE and MBE certificates and a USDA soil permit. ATL takes pride in providing our customers with quick turnaround time, excellent customer service and defensible data while offering very competitive rates. Advanced Technology Labs, Inc - Your Partner for Quality Environmental Testing

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and delete the original message. Thank you

Appendix B Waste Manifests

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAT080033962	2. Page 1 of 1	3. Emergency Response Phone 909-721-2038	4. Waste Tracking Number NH-149682
-------------------------------------	---	--------------------------	--	--

5. Generator's Name and Mailing Address SFPP, L.P. 1100 Town & Country Rd Orange, CA 92868 Generator's Phone: 714-560-4887	Generator's Site Address (if different than mailing address) 15306 Norwalk Blvd. Norwalk, CA 90651
--	--

6. Transporter 1 Company Name Environmental Logistics, Inc.	U.S. EPA ID Number CAR000172460
---	---

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

8. Designated Facility Name and Site Address Filter Recycling Services, Inc. 180 W. Monte Ave. Bloomington, CA 92316 Facility's Phone: 909-421-2012	U.S. EPA ID Number CAD982444481
---	---

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non Hazardous Waste Solid (Water Treatment Filters)	2	DM	700	P
2.				
3.				
4.				

FILTER RECYCLING SERVICES' RIALTO FACILITY, EPA #CAD982444481 HAS THE APPROPRIATE PERMIT(S) FOR AND WILL ACCEPT THIS WASTE AS SHIPPED.

13. Special Handling Instructions and Additional Information 9b1) Water Treatment Filters Profile# 04111034 9b2) Profile# 2x55 9b3) Profile# 9b4) Profile#	Wear appropriate personal protective equipment	Bill To: SFPP, L.P.	Invoice# 149682
--	--	----------------------------	------------------------

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name RICHARD SERRANO	Signature <i>Richard P. Serrano</i>	Month 7	Day 19	Year 11
--	--	-------------------	------------------	-------------------

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name MARK FLETCHER	Signature <i>Mark Fletcher</i>	Month 7	Day 19	Year 11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy

17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____

17b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____

Facility's Phone: _____

17c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Steven Mestas	Signature <i>Steven Mestas</i>	Month 7	Day 20	Year 11
--	-----------------------------------	-------------------	------------------	-------------------

60 E 11/2142c

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAT080033962	2. Page 1 of 1	3. Emergency Response Phone (310) 518-7700	4. Manifest Tracking Number 002144614 FLE					
5. Generator's Name and Mailing Address SFPP, L.P., (Norwalk Station) 1100 Town & Country Rd. Orange, CA 92868			Generator's Site Address (if different than mailing address) SFPP Norwalk Station 15305 Norwalk Blvd Norwalk, CA 90650							
6. Transporter 1 Company Name Nieto and Sons Trucking, Inc.			U.S. EPA ID Number CAT080016116							
7. Transporter 2 Company Name			U.S. EPA ID Number							
8. Designated Facility Name and Site Address DeMenno Kerdoon 2000 N. Alameda Street Compton, CA 90222			U.S. EPA ID Number CAT080013352							
Facility's Phone: (310) 537-7100										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
		UN1203, Gasoline Mixture, 3, PGI	No.	Type	3600		134			
	X		001	TT	2650	G				
		THIS WASTE STREAM HAS BEEN QUALIFIED FOR RECYCLING/TREATMENT AT THE								
		DeMENNO/KERDOON FACILITY IN COMPTON, CALIFORNIA. THIS FACILITY HAS THE NECESSARY PERMITS TO RECEIVE YOUR WASTE STREAM AS QUALIFIED. OUR EPA NUMBER IS CAT080013352.								
14. Special Handling Instructions and Additional Information: Gasoline & Water Mixture Wear All Appropriate Protective Clothing E.R.G. #128 BESI P.O. # 193508										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offeror's Printed/Typed Name Stephen DeSibaugh						Signature <i>[Signature]</i>		Month 08	Day 05	Year 11
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit: _____ Date leaving U.S.: _____							
TRANSPORTER INTL	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name DENNY FLORES			Signature <i>[Signature]</i>		Month 08	Day 05	Year 11		
Transporter 2 Printed/Typed Name			Signature		Month	Day	Year			
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator)						Manifest Reference Number: _____			U.S. EPA ID Number _____
Facility's Phone: 18c. Signature of Alternate Facility (or Generator)										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. H039		2.		3.		4.				
20. Designated Facility Owner or Operator; Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name SCHAL P. SWAY						Signature <i>[Signature]</i>		Month 08	Day 08	Year 11

NO. 694154

NON-HAZARDOUS WASTE DATA FORM

BESI # 193508

Generator's Name and Mailing Address SFPP, L.P. (NORWALK STATION) ATTN: KARINA HANKINS 1100 TOWN & COUNTRY RD. ORANGE, CA 92668	Generator's Site Address (if different than mailing address) 15305 SFPP NORWALK STATION 45900 NORWALK BLVD. NORWALK, CA 90650
---	---

Generator's Phone: 714-560-4887

Container type removed from site: <input type="checkbox"/> Drums <input checked="" type="checkbox"/> Vacuum Truck <input type="checkbox"/> Roll-off Truck <input type="checkbox"/> Dump Truck <input type="checkbox"/> Other _____	Container type transported to receiving facility: <input type="checkbox"/> Drums <input checked="" type="checkbox"/> Vacuum Truck <input type="checkbox"/> Roll-off Truck <input type="checkbox"/> Dump Truck <input type="checkbox"/> Other _____
--	--

Quantity 1 Quantity 1 Volume 2000 gallons

WASTE DESCRIPTION			GENERATING PROCESS		
COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	3. _____		
2. TPH		<1%	4. _____		

Waste Profile _____ PROPERTIES: pH 7-10 SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: WEAR APPROPRIATE P.P.E.

Generator Printed/Typed Name: JAMES DYE Signature: [Signature] Month 7 Day 12 Year 11

The Generator certifies that the waste as described is 100% non-hazardous

Transporter 1 Company Name: NIETO & SONS TRUCKING, INC. Phone#: 714-990-8855

Transporter 1 Printed/Typed Name: MIGUEL GARCIA Signature: [Signature] Month 7 Day 12 Year 11

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name _____ Phone# _____

Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

Transporter Acknowledgment of Receipt of Materials

Designated Facility Name and Site Address: DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222 Phone#: 310-537-7100

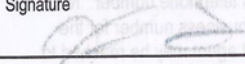
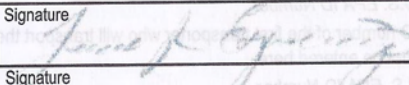
Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

GENERATOR

TRANSPORTER

RECEIVING FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAT020033962	2. Page 1 of 1	3. Emergency Response Phone (909) 1674-9106	4. Manifest Tracking Number 002522856 JJK	
5. Generator's Name and Mailing Address SFPD L.P. 1100 TOWN - CINDY RD. OLENIE, CA 92216			Generator's Site Address (if different than mailing address) 15305 NEWALK BLVD. NEWARK, CA 94651			
6. Transporter 1 Company Name TRUCK ENVIRONMENTAL SERVICES			U.S. EPA ID Number CAN55866714			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address DEJENNIE-KENNON 2000 N. LAMAR ST. GARDEN, CA 90247			U.S. EPA ID Number CAT020013352			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1. NON HAZ. HAZARDOUS WASTE LIQUID (CLEAN WATER)		001	TI	250 G	NON 225
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 7.6 I TRUCK # 335K1 ONLY WATER ALWAYS WEAR PROPER PPE WHEN HANDLING. FILE TO: SFPD L.P.						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name Patricia L. J...			Signature 		Month 09	Day 06
					Year 11	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name JESUS R ESPINOZA			Signature 		Month 09	Day 06
					Year 11	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____ U.S. EPA ID Number _____						
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____						
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. _____		2. _____		3. _____		4. _____
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name _____			Signature _____		Month _____	Day _____
					Year _____	

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

(310) 635-8079

KMEP - NORWALK - 091311

5. Generator's Name and Mailing Address

SFPP L.P.
1100 TOWN and COUNTRY RD
ORANGE, CA 92868
Generator's Phone: 714-560-4400

Generator's Site Address (if different than mailing address)

SFPP L.P. < NORWALK TANK FARM >
15305 NORWALK Blvd.
NORWALK, CA 90650

6. Transporter 1 Company Name

PROMINENT SYSTEMS INC

U.S. EPA ID Number

Phone #: 626 358-1888

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

CALIFORNIA CARBON CO.
2825 E. GRANT ST.
WILMINGTON, CA 90744

U.S. EPA ID Number

Facility's Phone: 562-436-1962

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. NON-HAZ SPENT ACTIVATED CARBON

No. Type
2 bags 2,000 lb

13. Special Handling Instructions and Additional Information

USE PROPER P.P.E
CALTECH PROFILE # CT-1003207

Bill to: Steve Defibaugh
1100 Town and Country
Orange, CA 92868

ACCEPTANCE # from California Carbon: 10-097-268-B

MARKING:

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

JAMES DYR

Signature

Month Day Year

09 13 11

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Tanjung Siregar

Signature

Month Day Year

9 13 11

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

