KINDER MORGAN
ENERGY PARTNERS, L.P.

SFPP, L.P.
Operating Partnership

August 12, 2011

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

Re: Effluent Monitoring Report
April through June 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 second calendar quarter 2011 self-monitoring report for the subject discharge.

I certify under penalty of law that this document and all documents 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 12th day of August 2011.
at 1:55 p.m.

_____ (signature)

Stephen T. Defibaugh (printed name)

Remediation Project Manager (title)

CH2M HILL
1000 Wilshire Blvd.
21st Floor
Los Angeles, CA 90017
Tel 213.228.8271
Fax 714.424.2135

August 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, April 1 to June 30, 2011 (Second Quarter 2011)
SFPP, L.P. Norwalk 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., to summarize National Pollutant Discharge Elimination System (NPDES) monitoring related to the discharge of treated groundwater from SFPP's product recovery and groundwater extraction system. This system is installed at the former SFPP Norwalk pump station located within the Defense Fuel Support Point Norwalk, at 15306 Norwalk Boulevard, Norwalk, California (the site).

SFPP performed certain operations, maintenance, and monitoring tasks on the product recovery and groundwater extraction 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 April 1 through June 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, groundwater extraction (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 groundwater extraction 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 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 and the liquid condensate from the knockout tank are piped to an oil-water separator. Free product, if any, from the oil-water separator is collected in a storage tank and recycled at an offsite location. Water from the oil-water separator is treated using liquid-phase granular activated carbon (LPGAC). Treatment of groundwater using LPGAC only was discussed with and approved by Mr. Mazhar Ali of the Los Angeles Regional Water Quality Control Board (RWQCB) on November 18, 2008. Treated water is routed through an onsite 8,000-gallon holding tank prior to discharge under NPDES Permit No. CA0063509 (CI No. 7497) issued by the RWQCB. Two temporary fluidized bed bioreactors have been installed downstream of the LGAC units to treat tertiary butyl alcohol (TBA), a new discharge parameter in the Waste Discharge Requirements (WDRs) (Order No. R4-2011-0095), adopted by the RWQCB on June 2, 2011. The WDRs in Order No. R4-2011-0095 became effective on July 2, 2011.

Summary of Quarterly Operations

Approximately 2,906,477 gallons of groundwater was extracted during the second 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:

- The TFE/GWE systems were shut down from April 4 through April 15, 2011, to allow static water levels and groundwater samples to be collected for the April 2011 semiannual groundwater monitoring event.
- The TFE/GWE system was off on arrival on April 19, 2011, due to clogged bag filters. Water was drained from one of the two 8,000-gallon holding tanks. The water in the tank was full of particulates that clogged the filters. The bag filters were replaced and the system was restarted on the same day.
- The TFE/GWE system was shut down on April 20, 2011, for repairs to the manifold piping. The system was turned on the next day.
- The TFE/GWE system was shut down on April 22, 2011, to change the granular activated carbon (GAC) from the first carbon vessel. However, the piping in the first vessel broke during the changeout. The system stayed off until the piping was repaired. The TFE/GWE system was restarted on April 27, 2011.

- The TFE/GWE system was shut down on May 10, 2011, for routine cleaning of the oil-water separator, the bag filter housing, and the transfer tank. The system was restarted on the same day.
- The TFE/GWE system was shut down on May 20, 2011, to change the GAC from the first vessel. The systems were restarted on the same day.
- The TFE/GWE system was off upon arrival on May 31, 2011, due to clogged filters. The filters were replaced, and the system was restarted on the same day.
- From June 6 through June 8, 2011, the TFE/GWE system was shut off to redevelop the southeastern wells (GMW-36, GMW-O-15, and GMW-O-18) and MW-SF-11 in the south-central area to remove the fine particulates from the wells. The southeastern conveyance lines were also cleaned on June 14, 2011.
- On June 7, 2011, the TFE/GWE system was turned off to change the GAC from the first carbon vessel. The system was restarted on the same day.
- The TFE/GWE system was off upon arrival on June 10, 2011, due to clogged filters. The south-central wells were shut off due to fine particulates in the lines and the wells. The system was restarted on the same day.

Routine Effluent Monitoring

Effluent water samples were collected pursuant to the WDRs under Order No. R4-2005-0072 (Order). Samples were collected at the Order-designated monitoring points:

- M-001 – Remediation System Effluent
- R-001 – 50 feet upstream of the discharge point into Coyote Creek
- R-002 – 50 feet downstream of the discharge point into Coyote Creek

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 annual effluent and receiving water (Coyote Creek) acute and chronic toxicity monitoring are summarized in Table 3. Laboratory analytical reports and chain-of-custody documents are included in Appendix A.

Visual Monitoring of Coyote Creek

Visual observations of the receiving water (Coyote Creek) were performed in the vicinity of the discharge point on May 6, 2011, at approximately 12:00 p.m. At the time of observation, the weather condition was overcast, and the tide was observed to be low. The water flow of Coyote Creek was toward the southwest. The water in Coyote Creek was clear and no oil or grease films, color patches, or odors were apparent in the water. Neither the California

brown pelican nor California least tern was observed to be present near the discharge point during the time of monitoring.

Summary of Compliance Results

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

The annual effluent monitoring for acute and chronic toxicity was performed from March 31 to April 4, 2011. Chronic toxicity was detected at more than 1 chronic toxicity unit (TUc) for Selenastrum growth during the March 31 to April 4, 2011, sampling event. Chronic toxicity results for Ceriodaphnia survival and reproduction and for fathead larvae survival and growth did not exceed 1 TUc. Mr. Ali of the RWQCB was notified of the chronic toxicity results on April 15, 2011, within 24 hours after receiving the laboratory results. Mr. Ali also was notified that the Initial Investigation Toxicity Reduction Work Plan (Initial TRE Work Plan), dated March 3, 2006, would be implemented. A sample was collected at a location 50 feet downstream of the discharge point into Coyote Creek on June 29, 2011. In addition, a sample was collected at the treatment system effluent and at a location 50 feet upstream of the discharge point, to reevaluate the effluent and evaluate conditions upstream of the discharge point. The samples were analyzed for chronic toxicity using Selenastrum, the species that produced chronic toxicity results of more than 1 TUc in the March 31 to April 11, 2011, effluent sample. Chronic toxicity for Selenastrum growth was not detected above 1.0 TUc in the samples collected 50 feet upstream and 50 feet downstream of the discharge point into Coyote Creek. In accordance with the Initial TRE Work Plan, the effluent is not considered to cause or contribute to downstream chronic toxicity and the Initial Investigation TRE is considered to be complete. Results for the March 31 to April 4, 2011 and June 29, 2011, toxicity monitoring are summarized in Table 3.

Waste Hauling

One 55-gallon drum of non-hazardous soil (approximately 200 pounds) was removed from the site on April 12, 2011, by Belshire Environmental Services, Inc. (25971 Towne Centre Drive, Foothill Ranch, California 92610). The soil was transported to U.S. Ecology at Highway 95 South, Beatty, Nevada 89003.

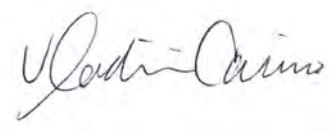
Spent GAC was removed from the site on April 22, May 20, and June 7, 2011. Prominent Systems, Inc. (13095 East Temple Avenue, City of Industry, California 91746-1418) transported 2,000 pounds of spent GAC on April 22, May 20, and June 7, 2011, to California Carbon Company at 2825 East Grant Street, Wilmington, California 90744.

Copies of the waste manifests are included in Appendix B.

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

Sincerely,

CH2M HILL, Inc.



Vladimir Carino
Project Engineer

Attachments: Table 1 - Effluent Flow Rate, pH, and Temperature Measurements

Table 2 - NPDES Effluent Monitoring Results

Table 3 - NPDES Chronic and Acute Toxicity Monitoring Results

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

Appendix B - Waste Manifests

Tables

TABLE 1

EFFLUENT FLOW RATE, pH, AND TEMPERATURE MEASUREMENTS[1]
Second Quarter 2011
SFPP, L.P.
Norwalk, California

Date	Average Flow Rate (gallons per day)	pH	Temperature (Deg F)
Discharge Limits [2]			
Instantaneous Minimum	NE	6.5	NE
Instantaneous Maximum	NE	8.5	86
Maximum Daily	150,000	NE	NE
Results			
04/01/11	55,108	--	--
04/04/11	48,574	No Discharge[3]	No Discharge
04/15/11	157	No Discharge	No Discharge
04/19/11	52,089	7.7	75.7
04/21/11	32,591	--	--
04/22/11	35,562	No Discharge	No Discharge
04/26/11	8,606	No Discharge	No Discharge
04/29/11	61,252	7.2	75.4
05/03/11	65,577	7.05	68.7
05/06/11	73,346	--	--
05/09/11	49,162	--	--
05/10/11	49,997	--	--
05/13/11	47,597	6.94	75.7
05/17/11	48,998	6.97	66.4
05/20/11	48,372	--	--
05/24/11	45,414	7.2	75.0
05/27/11	43,748	--	--
05/31/11	43,503	--	--
06/01/11	46,420	7.38	72.7
06/03/11	41,503	--	--
06/07/11	47,610	--	--
06/08/11	52,740	6.90	52.7
06/09/11	42,974	--	--
06/10/11	52,707	--	--
06/14/11	35,783	7.60	77.2
06/17/11	7,495	--	--
06/21/11	18,823	7.43	80.2
06/23/11	21,890	--	--
06/27/11	20,502	--	--
06/28/11	24,454	--	--
07/01/11	19,136	7.41	79.2

Notes
1. Data reported based on information provided by SFPP, L.P.
2. California Regional Water Quality Control Board Waste Discharge Requirements (WDRs).
3. "no discharge" indicates that the product recovery and groundwater extraction system was shut down and no discharge occurred on the date of inspection.

Abbreviations
Deg F = degrees Fahrenheit
NE = not established

TABLE 2

NPDES EFFLUENT MONITORING RESULTS
Second Quarter 2011
SFPP, L.P.
Norwalk, California

Analyte	Sampling Frequency	Analysis Method	Units	MDL	RL	ML[1]	Discharge Limits[2]						
							Monthly Average	Daily Maximum	April 19, 2011	May 13, 2011	May 17, 2011	June 17, 2011	June 23, 2011
Temperature	Monthly	field	deg F	--	--	--	**NE**	**86**	75.7	75.7	66.4	--	--
Oil and Grease	Monthly	EPA 1664	mg/L	0.95	4.1	NE	**10**	**15**	ND<0.95	ND<0.95	--	ND<0.95	--
TPHg	Monthly	EPA 8015B (M)	µg/L	6	100	NE	**NE**	**100**	ND<6.0	ND<6.0	--	ND<6.0	--
Settleable Solids	Monthly	SM 2540F	mL/L/hr	0.1	0.1	NE	**0.1**	**0.3**	ND<0.10	ND<0.099	--	ND<0.10	--
Total Suspended Solids	Monthly	SM 2540D	mg/L	10	10	NE	**50**	**75**	ND<10	ND<10	--	ND<10	--
Phenol	Monthly	EPA 420.1	mg/L	0.017	0.03	0.050	**0.3**	**NE**	ND<0.030	ND<0.030	--	ND<0.030	--
Benzene	Monthly	EPA 8260B	µg/L	0.075	1	2.0	**1**	**NE**	ND<0.075	ND<0.075	--	ND<0.075	--
1,1-Dichloroethane	Monthly	EPA 8260B	µg/L	0.099	0.5	1.0	**5**	**NE**	ND<0.099	ND<0.099	--	ND<0.099	--
1,2-Dichloroethane	Monthly	EPA 8260B	µg/L	0.17	0.5	2.0	**0.5**	**NE**	ND<0.17	ND<0.17	--	ND<0.17	--
Ethylbenzene	Monthly	EPA 8260B	µg/L	0.051	1	2.0	**10**	**NE**	ND<0.051	ND<0.051	--	ND<0.051	--
Methyl ethyl ketone	Monthly	EPA 8260B	µg/L	1	10	NE	**50**	**NE**	ND<1.0	ND<1.0	--	ND<1.0	--
Toluene	Monthly	EPA 8260B	µg/L	0.12	2.5	2.0	**10**	**NE**	ND<0.12	ND<0.12	--	ND<0.12	--
Methyl tertiary-butyl ether	Monthly	EPA 8260B	µg/L	0.089	1	NE	**13**	**NE**	ND<0.089	0.53J	--	0.69J	--
Total Xylenes	Monthly	EPA 8260B	µg/L	0.17	1	NE	**10**	**NE**	ND<0.17	ND<0.17	--	ND<0.17	--
Copper	Monthly	EPA 6020	µg/L	0.34	1	0.5	**22.28**	**44.70**	0.77J	0.83J	--	ND<0.34	--
Mercury	Monthly	EPA 7470A	µg/L	0.023	0.05	0.2	**0.051**	**0.102**	0.033J	ND<0.023	--	ND<0.023	--
Selenium	Monthly	EPA 6020	µg/L	0.025	0.5	2.0	**4.1**	**8.2**	0.20J	0.14J	--	0.045J	--
Chromium VI	Monthly	EPA 7199	µg/L	0.028	0.2	NE	**8.12**	**16.29**	ND<0.028	--	ND<0.028	--	ND<0.028
Lead	Quarterly	EPA 6020	µg/L	0.053	1	0.5	**NE**	**15**	--	0.028J	--	0.88J	--
Turbidity	Quarterly	SM 2130B	NTU	0.1	0.1	NE	**50**	**75**	--	0.18	--	--	--

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
TPHg = total petroleum hydrocarbons quantified as gasoline

TABLE 3

NPDES CHRONIC AND ACUTE TOXICITY MONITORING RESULTS

SFPP, L.P.

Norwalk, California

Analyte	Analysis Method	TRE Trigger[1]	Units[2]	March 31-April 4, 2011 M-001 (Effluent)	June 29, 2011 M-001 (Effluent)	June 29, 2011 UCC (Coyote Creek - Upstream)	June 29, 2011 DCC (Coyote Creek - Downstream)
Chronic - Ceriodaphnia - Survival	821-R-02-013	>1.0	TUc	1.0	--	--	--
Chronic - Ceriodaphnia - Reproduction	821-R-02-013	>1.0	TUc	1.0	--	--	--
Chronic - Selenastrum - Growth	821-R-02-013	>1.0	TUc	>1.0	>1.0	1.0	1.0
Chronic - Fathead Larvae - Survival	821-R-02-013	>1.0	TUc	1.0	--	--	--
Chronic - Fathead Larvae - Growth	821-R-02-013	>1.0	TUc	1.0	--	--	--
Acute - Fathead Minnow - Survival	821-R-02-012	<90%	% survival	100%	--	--	--

Notes

1. If the acute toxicity result is less than 90% survival or the chronic toxicity result is more than 1 Chronic Toxicity (TUc), then the Initial Investigation Toxicity Reduction Evaluation (TRE) Work Plan dated March 3, 2006 will be implemented.
2. >1.0 = toxicity detected above 1 toxicity unit

Abbreviations

TUc = Chronic Toxicity Unit, where TUc = 100/NOEC

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

aquatic bioassay & consulting laboratories, inc

April 12, 2011

Mr. Marlon Cartin
Advanced Technology Laboratories
3151 W. Post Road
Las Vegas, NV 89118

Dear Mr. Cartin:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms EPA-821-R-02-012.* Results were as follows:

CLIENT:	Advanced Technology Laboratories
SAMPLE I.D.:	EFF-03-31 COMP
DATE RECEIVED:	31 March - 11
ABC LAB. NO.:	ATL0311.252

96 HOUR ACUTE FATHEAD MINNOW SURVIVAL BIOASSAY

LC50 =	100 % Survival in 100% Sample
TU(a) =	0.00

Yours very truly,

Scott Johnson
Laboratory Director

aquatic bioassay & consulting laboratories, inc

April 12, 2011

Mr. Marlon Cartin
Advanced Technology Laboratories
3151 W. Post Road
Las Vegas, NV 89118

Dear Mr. Cartin:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013.* Results were as follows:

CLIENT:	Advanced Technology Laboratories
SAMPLE I.D.:	EFF-03-31 COMP, EFF-04-02 COMP, EFF-04-04 COMP
DATE RECEIVED:	31 March, 2 & 4 April - 11
ABC LAB. NO.:	ATL0311.252

CHRONIC FATHEAD LARVAE SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
GROWTH	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Scott Johnson
Laboratory Director

Larval Fish Growth and Survival Test-7 Day Survival

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA0000000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	EFF-03-31 COMP				

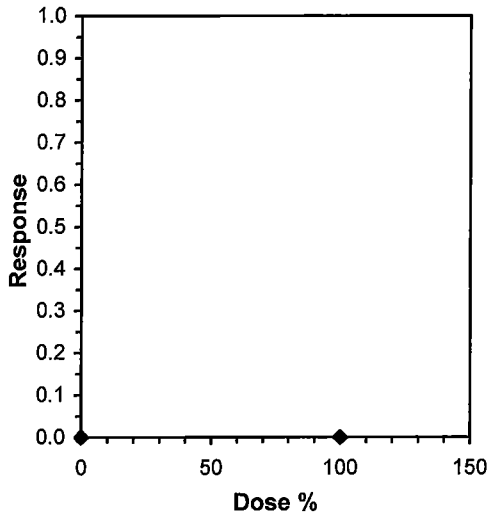
Conc-%	1	2	3	4
N Control	1.0000	1.0000	1.0000	1.0000
100	1.0000	1.0000	1.0000	1.0000

			Transform: Arcsin Square Root					Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Mean	N-Mean
N Control	1.0000	1.0000	1.4413	1.4413	1.4413	0.000	4	1.0000	1.0000
100	1.0000	1.0000	1.4413	1.4413	1.4413	0.000	4	1.0000	1.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	1	0.749		
Equality of variance cannot be confirmed				

Linear Interpolation (200 Resamples)

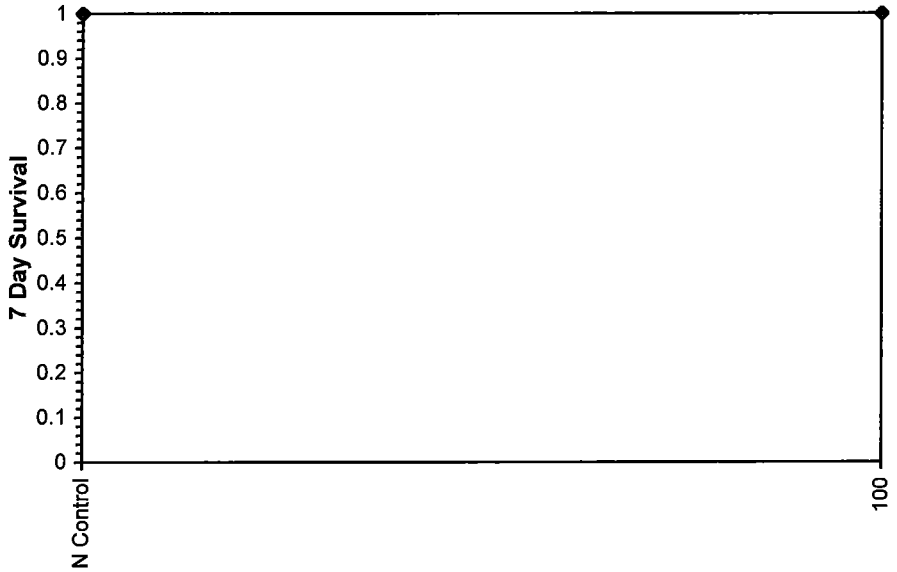
Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



Larval Fish Growth and Survival Test-7 Day Survival

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA0000000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	EFF-03-31 COMP				

Dose-Response Plot



Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA0000000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	EFF-03-31 COMP				

Conc-%	1	2	3	4
N Control	0.2540	0.2200	0.2647	0.3053
100	0.2520	0.2760	0.2967	0.2673

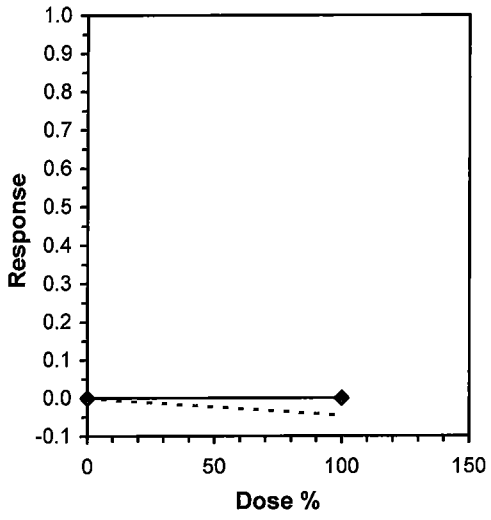
			Transform: Untransformed						1-Tailed		Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	0.2610	1.0000	0.2610	0.2200	0.3053	13.472	4				0.2670	1.0000
100	0.2730	1.0460	0.2730	0.2520	0.2967	6.827	4	-0.603	1.940	0.0386	0.2670	1.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.97673	0.749	0.2344	0.45907
F-Test indicates equal variances (p = 0.32)	3.55864	47.4672		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test Treatments vs N Control	100	>100		1	0.0386	0.1479	0.00029	0.00079	0.56854	1, 6

Linear Interpolation (200 Resamples)

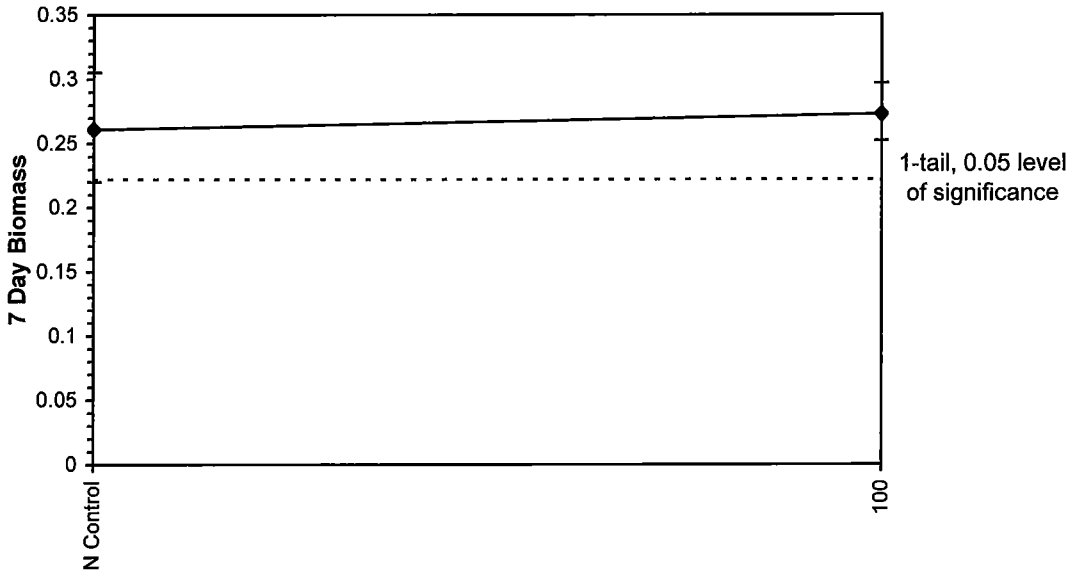
Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA0000000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	EFF-03-31 COMP				

Dose-Response Plot



Reviewed by:

Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA0000000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	EFF-03-31 COMP				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.28	24.00	25.00	0.45	2.76	8
100		24.41	24.00	26.00	0.71	3.45	8
N Control	pH	7.88	7.60	8.20	0.19	5.55	8
100		7.64	7.40	7.80	0.14	4.91	8
N Control	DO mg/L	7.91	7.10	9.90	0.87	11.81	8
100		7.28	6.10	9.40	0.95	13.40	8
N Control	Hardness mg/L	92.00	92.00	92.00	0.00	0.00	8
100		250.00	250.00	250.00	0.00	0.00	8
N Control	Cond-umhos	327.00	305.00	404.00	32.10	1.73	8
100		1662.38	1482.00	1745.00	80.59	0.54	8
N Control	Alkalinity mg/L	67.00	67.00	67.00	0.00	0.00	8
100		250.00	250.00	250.00	0.00	0.00	8

aquatic bioassay & consulting laboratories, inc

April 12, 2011

Mr. Marlon Cartin
Advanced Technology Laboratories
3151 W. Post Road
Las Vegas, NV 89118

Dear Mr. Cartin:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013.* Results were as follows:

CLIENT:	Advanced Technology Laboratories
SAMPLE I.D.:	EFF-03-31 COMP, EFF-04-02 COMP, EFF-04-04 COMP
DATE RECEIVED:	31 March, 2 & 4 April - 11
ABC LAB. NO.:	ATL0311.252

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
REPRODUCTION	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Scott Johnson
Laboratory Director

Ceriodaphnia Survival and Reproduction Test-7 Day Survival

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA00000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	EFF-03-31 COMP				

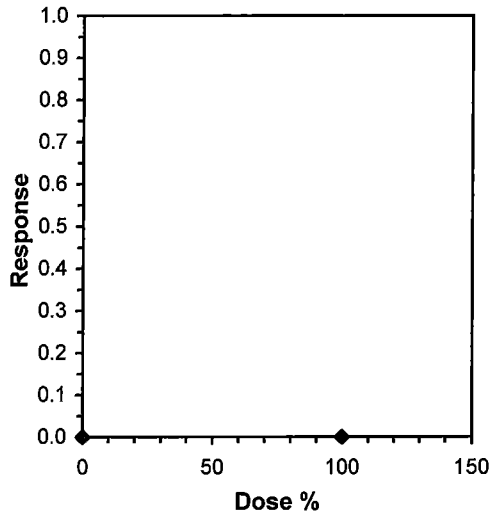
Conc-%	1	2	3	4	5	6	7	8	9	10
N Control	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
100	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Conc-%	Mean	N-Mean	Resp	Not Resp	Total	N	Fisher's Exact P	1-Tailed Critical	Isotonic Mean	Isotonic N-Mean
N Control	1.0000	1.0000	0	10	10	10			1.0000	1.0000
100	1.0000	1.0000	0	10	10	10	1.0000	0.0500	1.0000	1.0000

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Fisher's Exact Test	100	>100		1
Treatments vs N Control				

Linear Interpolation (200 Resamples)

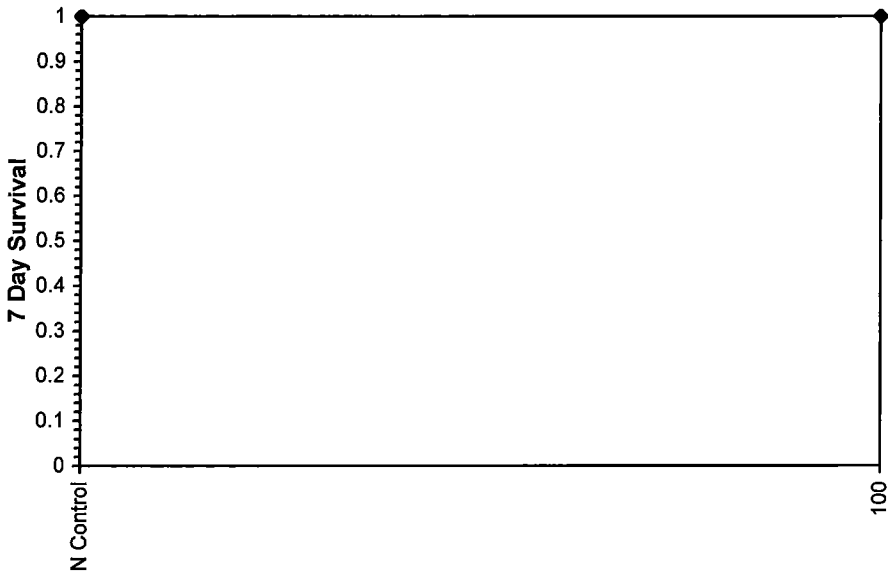
Point	%	SD	95% CL	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



Ceriodaphnia Survival and Reproduction Test-7 Day Survival

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA00000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	EFF-03-31 COMP				

Dose-Response Plot



Ceriodaphnia Survival and Reproduction Test-Reproduction

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA00000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	EFF-03-31 COMP				

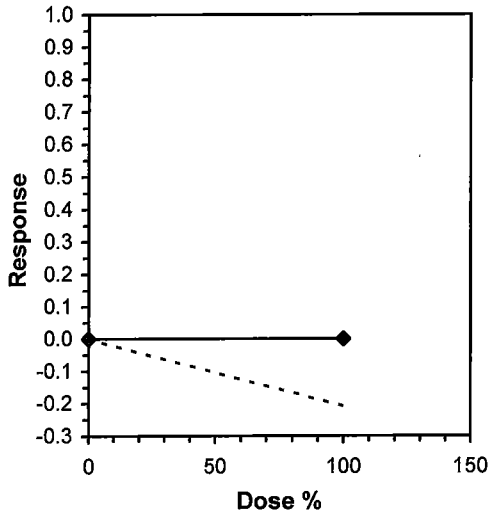
Conc-%	1	2	3	4	5	6	7	8	9	10
N Control	21.000	16.000	17.000	15.000	18.000	16.000	18.000	17.000	25.000	15.000
100	25.000	18.000	17.000	22.000	22.000	27.000	19.000	25.000	26.000	14.000

			Transform: Untransformed					1-Tailed			Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	17.800	1.0000	17.800	15.000	25.000	17.326	10				19.650	1.0000
100	21.500	1.2079	21.500	14.000	27.000	20.244	10	-2.193	1.730	2.918	19.650	1.0000

Auxiliary Tests					Statistic		Critical		Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)					0.97611		0.868		0.14351	-0.2288
F-Test indicates equal variances (p = 0.32)					1.99182		6.54109			
Hypothesis Test (1-tail, 0.05)	**NOEC**	**LOEC**	**ChV**	**TU**	**MSDu**	**MSDp**	**MSB**	**MSE**	**F-Prob**	**df**
Dunnett's Test	100	>100		1	2.9183	0.16395	68.45	14.2278	0.04165	1, 18
Treatments vs N Control										

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			

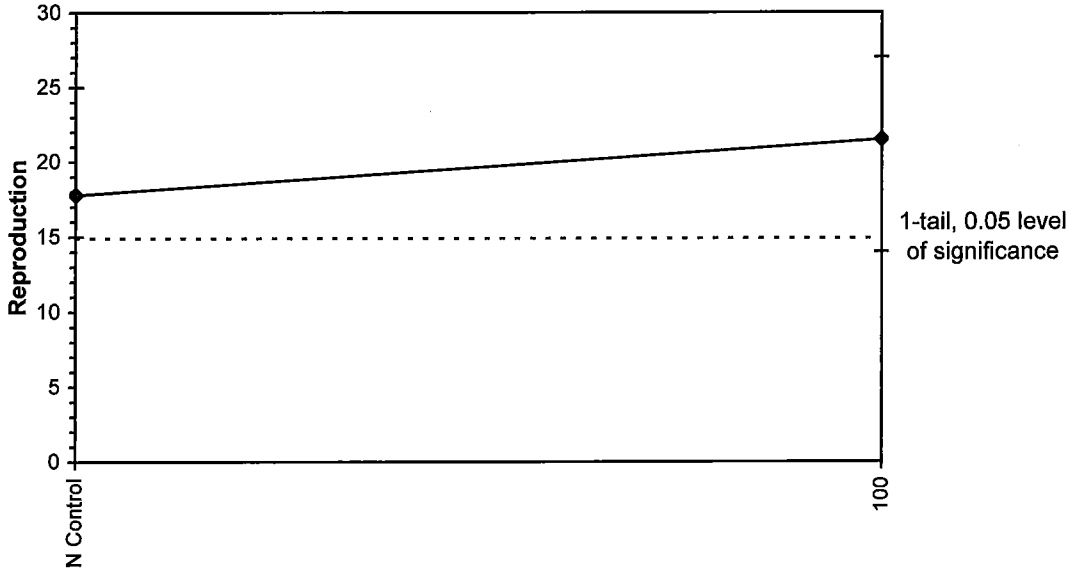


Reviewed by: _____

Ceriodaphnia Survival and Reproduction Test-Reproduction

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA00000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	EFF-03-31 COMP				

Dose-Response Plot



Ceriodaphnia Survival and Reproduction Test-Reproduction

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA00000
End Date:	4/7/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	EFF-03-31 COMP				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.28	24.00	25.00	0.45	2.76	8
100		24.41	24.00	26.00	0.71	3.45	8
N Control	pH	7.88	7.60	8.20	0.19	5.55	8
100		7.64	7.40	7.80	0.14	4.91	8
N Control	DO mg/L	7.91	7.10	9.90	0.87	11.81	8
100		7.28	6.10	9.40	0.95	13.40	8
N Control	Hardness mg/L	92.00	92.00	92.00	0.00	0.00	8
100		250.00	250.00	250.00	0.00	0.00	8
N Control	Cond-umhos	327.00	305.00	404.00	32.10	1.73	8
100		1662.38	1482.00	1745.00	80.59	0.54	8
N Control	Alkalinity mg/L	67.00	67.00	67.00	0.00	0.00	8
100		250.00	250.00	250.00	0.00	0.00	8

aquatic bioassay & consulting laboratories, inc

April 12, 2011

Mr. Marlon Cartin
Advanced Technology Laboratories
3151 W. Post Road
Las Vegas, NV 89118

Dear Mr. Cartin:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms. EPA-821-R-02-013.* Results were as follows:

CLIENT:	Advanced Technology Laboratories
SAMPLE I.D.:	EFF-03-31 COMP
DATE RECEIVED:	31 March - 11
ABC LAB. NO.:	ATL0311.252

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC	=	<100.00 %
TUc	=	>1.00
IC25	=	86.07 %
IC50	=	>100.00 %

Yours very truly,

Scott Johnson
Laboratory Director

Phytoplankton Test-Growth-Cell Density

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA0000000
End Date:	4/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	EFF-03-31 COMP				

Conc-%	1	2	3	4
N Control	1328000	1292000	1292000	1221000
100	854000	885000	898000	1005000

			Transform: Untransformed					1-Tailed			Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	1283250	1.0000	1283250	1221000	1328000	3.494	4				1283250	1.0000
*100	910500	0.7095	910500	854000	1005000	7.210	4	9.378	1.940	77113	910500	0.7095

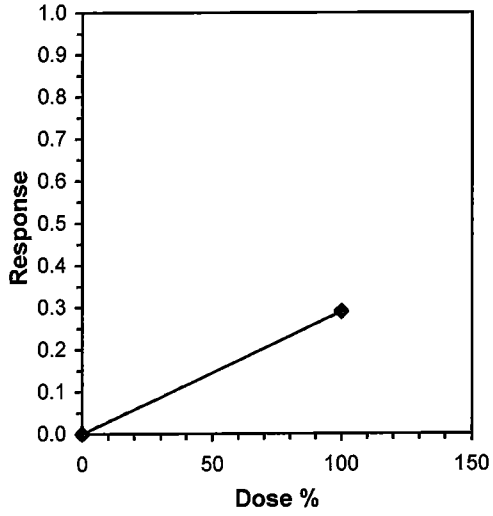
Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.94794	0.749	0.66853	0.21401
F-Test indicates equal variances (p = 0.55)	2.14385	47.4672		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test Treatments vs N Control	<100	100			77113	0.06009	2.8E+11	3.2E+09	8.3E-05	1, 6

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)		Skew
IC05*	17.213	1.465	13.088	25.778	1.1497
IC10*	34.427	2.930	26.176	51.555	1.1497
IC15*	51.640	4.395	39.263	77.333	1.1497
IC20*	68.853	5.860	52.351	103.110	1.1497
IC25*	86.066				
IC40	>100				
IC50	>100				

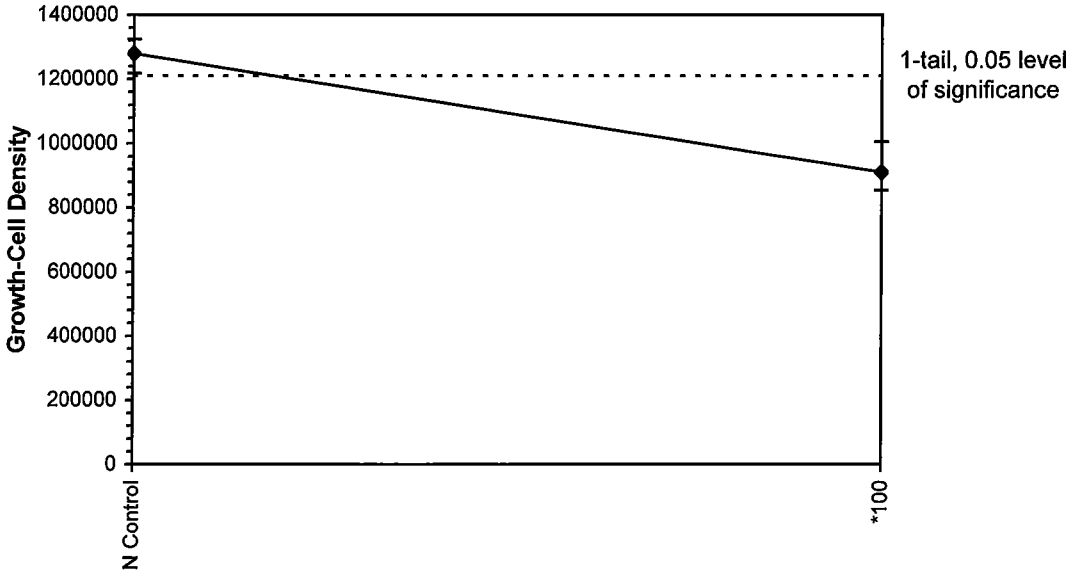
* indicates IC estimate less than the lowest concentration



Phytoplankton Test-Growth-Cell Density

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA0000000
End Date:	4/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	EFF-03-31 COMP				

Dose-Response Plot



Phytoplankton Test-Growth-Cell Density

Start Date:	3/31/2011	Test ID:	ATL0311252	Sample ID:	CA0000000
End Date:	4/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	3/31/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	EFF-03-31 COMP				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.80	24.50	25.30	0.44	2.66	3
100		24.83	24.60	25.00	0.21	1.84	3
N Control	pH	8.07	8.00	8.10	0.06	2.98	3
100		7.87	7.80	7.90	0.06	3.05	3
N Control	Hardness mg/l	92.00	92.00	92.00	0.00	0.00	3
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Alkalinity mg/l	63.00	63.00	63.00	0.00	0.00	3
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Conductivity	389.00	385.00	392.00	3.61	0.49	3
100		1701.00	1508.00	1800.00	167.16	0.76	3

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

CHAIN OF CUSTODY RECORD

DATE: 3/31/11
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_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
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ~~■ 5 DAYS~~ ☒ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Chronic Toxicity (EPA-821-R-02-013): Fathead minnow, ceriodaphnia & selenastrum	Acute Toxicity (EPA-821-R-02-012): Fathead Minnow	Comments
	EFF-03-31 COMP	Effluent (24hr COMP)	3/31/11	1635	WW		X	X	Temperature* = 16.0 °C
									CHLORINE <0.1
									(Temp. as sampled*)

Relinquished by: (Signature)	Received by: (Signature)	Date: 3/31/11	Time: 1240
Relinquished by: (Signature)	Received by: (Signature)	Date: 3/31/11	Time: 1750
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Revised: 01/25/11

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

CHAIN OF CUSTODY RECORD

DATE: 04-02-11

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_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
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Chronic Toxicity (EPA-821-R-02-013): Fathead minnow, ceriodaphnia & selenastrum	Acute Toxicity (EPA-821-R-02-012): Fathead Minnow	Comments
	EFF-04-02-COMP	Effluent (24hr COMP)	04-02-11	1130	WW	1	X		Temperature* = _____
									(Temp. as sampled)*

Relinquished by: (Signature)	Received by: (Signature)	Date: 4/2/11	Time: 1140
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/2/11	Time: 1145
Relinquished by: (Signature)	Received by: (Signature) A. Ramos 4/2/11 1410	Date: 4/2/11	Time: 1420

Revised: 01/25/11

initial temp = 16.0°C chlorine = 0

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

CHAIN OF CUSTODY RECORD

DATE: 4/4/11

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_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
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Chronic Toxicity (EPA-821-R-02-013): Fathead minnow, ceriodaphnia & selenastrum	Acute Toxicity (EPA-821-R-02-012): Fathead Minnow	Comments
	EFF-04.04COMP	Effluent (24hr COMP)	4/4/11	1145	WW		X		Temperature* = _____
									CHANNEL = 20.)
									(Temp. as sampled*)

Relinquished by: (Signature)	Received by: (Signature)	Date: 4/4/11	Time: 1207
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/4/11	Time: 1414
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Revised: 01/25/11

May 04, 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.: N005658

RE: SFPP - Norwalk Site

Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on April 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.

This is an amended report. Please disregard all previous documentation that corresponds to the page(s) enclosed.

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

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N005658

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 (SM 2540F) and Phenolics (EPA 420.1) were subcontracted to Advanced Technology Laboratories-Signal Hill,CA

Anallytical Comments for EPA 8260B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for 2-Butanone on QC samples N005643-001AMS and N005643-001AMSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Advanced Technology Laboratories, Inc. *3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691*

Advanced Technology Laboratories, Inc.

Date: *04-May-11*

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N005658
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N005658-001A	EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	4/19/2011	
N005658-001B	EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	4/19/2011	
N005658-001C	EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	4/19/2011	
N005658-001D	EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	4/19/2011	
N005658-001E	EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	4/19/2011	
N005658-001F	EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	4/19/2011	
N005658-001G	EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	4/19/2011	
N005658-001H	EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	4/19/2011	

Advanced Technology Laboratories, Inc. *3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691*

CLIENT: CH2M HILL
Lab Order: N005658
Project: SFPP - Norwalk Site
Lab ID: N005658-001

Client Sample ID: EFF-04-19
Collection Date: 4/19/2011 12:30:00 PM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **GC4_110425A**	QC Batch: **E11VW017**				PrepDate:		Analyst: **QBM**
TPH-Gasoline	ND	6.0	100		µg/L	1	4/25/2011
Surr: Chlorobenzene - d5	105	0	74-138		%REC	1	4/25/2011
HEXAVALENT CHROMIUM BY IC							
			EPA 7199				
RunID: **IC1_110420B**	QC Batch: **R79857**				PrepDate:		Analyst: **QBM**
Hexavalent Chromium	ND	0.028	0.20		ug/L	1	4/20/2011 10:29 AM
ICP-MS METALS							
		EPA 3010A	**EPA 6020**				
RunID: **ICP7_110420A**	QC Batch: **36723**				PrepDate: **4/20/2011**		Analyst: **JT**
Copper	0.77	0.010	1.0	J	µg/L	1	4/20/2011 02:39 PM
ICP-MS METALS BY COLLISION/REACTION CELL							
		EPA 3010A	**EPA 6020**				
RunID: **ICP7_110420A**	QC Batch: **36723**				PrepDate: **4/20/2011**		Analyst: **JT**
Selenium	0.20	0.025	0.50	J	µg/L	1	4/20/2011 02:39 PM
MERCURY BY COLD VAPOR TECHNIQUE							
			EPA 7470A				
RunID: **AA1_110425A**	QC Batch: **36724**				PrepDate: **4/20/2011**		Analyst: **CEI**
Mercury	0.033	0.023	0.050	J	µg/L	1	4/25/2011
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS1_110420A**	QC Batch: **D11VW052**				PrepDate:		Analyst: **QBM**
1,1-Dichloroethane	ND	0.099	0.50		µg/L	1	4/20/2011 11:50 AM
1,2-Dichloroethane	ND	0.17	0.50		µg/L	1	4/20/2011 11:50 AM
2-Butanone	ND	1.0	10		µg/L	1	4/20/2011 11:50 AM
Benzene	ND	0.075	1.0		µg/L	1	4/20/2011 11:50 AM
Ethylbenzene	ND	0.051	1.0		µg/L	1	4/20/2011 11:50 AM
m,p-Xylene	ND	0.17	1.0		µg/L	1	4/20/2011 11:50 AM
MTBE	ND	0.089	1.0		µg/L	1	4/20/2011 11:50 AM
o-Xylene	ND	0.077	1.0		µg/L	1	4/20/2011 11:50 AM
Toluene	ND	0.12	2.5		µg/L	1	4/20/2011 11:50 AM
Surr: 1,2-Dichloroethane-d4	97.0	0	72-119		%REC	1	4/20/2011 11:50 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

CLIENT: CH2M HILL
Lab Order: N005658
Project: SFPP - Norwalk Site
Lab ID: N005658-001

Client Sample ID: EFF-04-19
Collection Date: 4/19/2011 12:30:00 PM
Matrix: WASTEWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS1_110420A** QC Batch: **D11VW052**					PrepDate:		Analyst: **QBM**
Surr: 4-Bromofluorobenzene	105	0	76-119		%REC	1	4/20/2011 11:50 AM
Surr: Dibromofluoromethane	98.8	0	85-115		%REC	1	4/20/2011 11:50 AM
Surr: Toluene-d8	107	0	81-120		%REC	1	4/20/2011 11:50 AM
TOTAL NON-FILTERABLE RESIDUE							
			SM2540D				
RunID: **WETCHEM_110425A** QC Batch: **36748**					PrepDate: **4/25/2011**		Analyst: **CEI**
Suspended Solids (Residue, Non-Filterable)	ND	10	10		mg/L	1	4/25/2011
OIL & GREASE							
			EPA 1664 _HEM				
RunID: **WETCHEM_110428D** QC Batch: **36776**					PrepDate: **4/28/2011**		Analyst: **QBM**
Oil & Grease	ND	0.95	4.1		mg/L	1	4/28/2011

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: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.2_2540D_W

Sample ID: **MB-36748**	SampType: **MBLK**	TestCode: **160.2_2540D_**	Units: **mg/L**	Prep Date: **4/25/2011**	RunNo: **79804**
Client ID: **PBW**	Batch ID: **36748**	TestNo: **SM2540D**		Analysis Date: **4/25/2011**	SeqNo: **1260496**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filter	ND	10									

Sample ID: **LCS-36748**	SampType: **LCS**	TestCode: **160.2_2540D_**	Units: **mg/L**	Prep Date: **4/25/2011**	RunNo: **79804**
Client ID: **LCSW**	Batch ID: **36748**	TestNo: **SM2540D**		Analysis Date: **4/25/2011**	SeqNo: **1260497**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filter	998.000	10	1000	0	99.8	80	120				

Sample ID: **N005680-004A-DUP**	SampType: **DUP**	TestCode: **160.2_2540D_**	Units: **mg/L**	Prep Date: **4/25/2011**	RunNo: **79804**
Client ID: **ZZZZZZ**	Batch ID: **36748**	TestNo: **SM2540D**		Analysis Date: **4/25/2011**	SeqNo: **1260503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filter	ND	10						0	0	5	

Qualifiers:

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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: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_HEM_W

Sample ID: **MB-36776**	SampType: **MBLK**	TestCode: **1664_HEM_W**	Units: **mg/L**	Prep Date: **4/28/2011**	RunNo: **79848**
Client ID: **PBW**	Batch ID: **36776**	TestNo: **EPA 1664 _H**		Analysis Date: **4/28/2011**	SeqNo: **1261518**

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-36776**	SampType: **LCS**	TestCode: **1664_HEM_W**	Units: **mg/L**	Prep Date: **4/28/2011**	RunNo: **79848**
Client ID: **LCSW**	Batch ID: **36776**	TestNo: **EPA 1664 _H**		Analysis Date: **4/28/2011**	SeqNo: **1261519**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	35.500	4.0	40.00	0	88.8	78	114				

Sample ID: **N005658-001A-MS**	SampType: **MS**	TestCode: **1664_HEM_W**	Units: **mg/L**	Prep Date: **4/28/2011**	RunNo: **79848**
Client ID: **ZZZZZZ**	Batch ID: **36776**	TestNo: **EPA 1664 _H**		Analysis Date: **4/28/2011**	SeqNo: **1261521**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	37.732	4.1	41.24	0	91.5	78	114				

Sample ID: **N005658-001A-MSD**	SampType: **MSD**	TestCode: **1664_HEM_W**	Units: **mg/L**	Prep Date: **4/28/2011**	RunNo: **79848**
Client ID: **ZZZZZZ**	Batch ID: **36776**	TestNo: **EPA 1664 _H**		Analysis Date: **4/28/2011**	SeqNo: **1261522**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	37.113	4.1	41.24	0	90.0	78	114	37.73	1.65	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: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_W

Sample ID: **MB-36723**	SampType: **MBLK**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79755**
Client ID: **PBW**	Batch ID: **36723**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **4/20/2011**	SeqNo: **1260485**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.191	1.0									J

Sample ID: **LCS-36723**	SampType: **LCS**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79755**
Client ID: **LCSW**	Batch ID: **36723**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **4/20/2011**	SeqNo: **1260486**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	9.875	1.0	10.00	0	98.7	85	115				

Sample ID: **N005658-001H-MS**	SampType: **MS**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79755**
Client ID: **ZZZZZZ**	Batch ID: **36723**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **4/20/2011**	SeqNo: **1260490**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	8.985	1.0	10.00	0.7736	82.1	75	125				

Sample ID: **N005658-001H-MSD**	SampType: **MSD**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79755**
Client ID: **ZZZZZZ**	Batch ID: **36723**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **4/20/2011**	SeqNo: **1260491**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	8.846	1.0	10.00	0.7736	80.7	75	125	8.985	1.56	20	

Qualifiers:

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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: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_W_DRC

Sample ID: **MB-36723**	SampType: **MBLK**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79755**
Client ID: **PBW**	Batch ID: **36723**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **4/20/2011**	SeqNo: **1259671**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	0.167	0.50									J

Sample ID: **LCS-36723**	SampType: **LCS**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79755**
Client ID: **LCSW**	Batch ID: **36723**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **4/20/2011**	SeqNo: **1259672**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	9.257	0.50	10.00	0	92.6	85	115				

Sample ID: **N005658-001H-MS**	SampType: **MS**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79755**
Client ID: **ZZZZZZ**	Batch ID: **36723**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **4/20/2011**	SeqNo: **1259676**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	8.934	0.50	10.00	0.1972	87.4	75	125				

Sample ID: **N005658-001H-MSD**	SampType: **MSD**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79755**
Client ID: **ZZZZZZ**	Batch ID: **36723**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **4/20/2011**	SeqNo: **1259677**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	9.198	0.50	10.00	0.1972	90.0	75	125	8.934	2.91	20	

Qualifiers:

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CLIENT: CH2M HILL
Work Order: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_WPGE

Sample ID: **MB-R79857**	SampType: **MBLK**	TestCode: **7199_WPGE**	Units: **ug/L**	Prep Date:	RunNo: **79857**
Client ID: **PBW**	Batch ID: **R79857**	TestNo: **EPA 7199**		Analysis Date: **4/20/2011**	SeqNo: **1261671**

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-R79857**	SampType: **LCS**	TestCode: **7199_WPGE**	Units: **ug/L**	Prep Date:	RunNo: **79857**
Client ID: **LCSW**	Batch ID: **R79857**	TestNo: **EPA 7199**		Analysis Date: **4/20/2011**	SeqNo: **1261672**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	5.018	0.20	5.000	0	100	90	110				

Sample ID: **N005658-001GDUP**	SampType: **DUP**	TestCode: **7199_WPGE**	Units: **ug/L**	Prep Date:	RunNo: **79857**
Client ID: **ZZZZZZ**	Batch ID: **R79857**	TestNo: **EPA 7199**		Analysis Date: **4/20/2011**	SeqNo: **1261674**

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: **N005658-001GMS**	SampType: **MS**	TestCode: **7199_WPGE**	Units: **ug/L**	Prep Date:	RunNo: **79857**
Client ID: **ZZZZZZ**	Batch ID: **R79857**	TestNo: **EPA 7199**		Analysis Date: **4/20/2011**	SeqNo: **1261675**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.057	0.20	1.000	0	106	85	115				

Sample ID: **N005658-001GMSD**	SampType: **MSD**	TestCode: **7199_WPGE**	Units: **ug/L**	Prep Date:	RunNo: **79857**
Client ID: **ZZZZZZ**	Batch ID: **R79857**	TestNo: **EPA 7199**		Analysis Date: **4/20/2011**	SeqNo: **1261676**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.057	0.20	1.000	0	106	85	115	1.057	0.0138	20	

Qualifiers:

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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: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W_LL

Sample ID: **MB-36724**	SampType: **MBLK**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79796**
Client ID: **PBW**	Batch ID: **36724**	TestNo: **EPA 7470A**		Analysis Date: **4/25/2011**	SeqNo: **1260153**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.025									

Sample ID: **LCS-36724**	SampType: **LCS**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79796**
Client ID: **LCSW**	Batch ID: **36724**	TestNo: **EPA 7470A**		Analysis Date: **4/25/2011**	SeqNo: **1260155**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	10.970	0.20	10.00	0	110	85	115				

Sample ID: **N005658-001H-MS**	SampType: **MS**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79796**
Client ID: **ZZZZZZ**	Batch ID: **36724**	TestNo: **EPA 7470A**		Analysis Date: **4/25/2011**	SeqNo: **1260156**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	19.849	0.25	20.00	0.03328	99.1	75	125				

Sample ID: **N005658-001H-MSD**	SampType: **MSD**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **4/20/2011**	RunNo: **79796**
Client ID: **ZZZZZZ**	Batch ID: **36724**	TestNo: **EPA 7470A**		Analysis Date: **4/25/2011**	SeqNo: **1260157**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	19.316	0.25	20.00	0.03328	96.4	75	125	19.85	2.72	20	

Qualifiers:

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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: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GSFPP

Sample ID: **E110425LCS** SampType: **LCS** TestCode: **8015_W_GSF** Units: **µg/L** Prep Date: RunNo: **79803**
Client ID: **LCSW** Batch ID: **E11VW017** TestNo: **EPA 8015B** Analysis Date: **4/25/2011** SeqNo: **1260414**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	893.000	100	1000	0	89.3	67	136				
Surr: Chlorobenzene - d5	49.608		50.00		99.2	74	138				

Sample ID: **N005658-001BMS** SampType: **MS** TestCode: **8015_W_GSF** Units: **µg/L** Prep Date: RunNo: **79803**
Client ID: **ZZZZZZ** Batch ID: **E11VW017** TestNo: **EPA 8015B** Analysis Date: **4/25/2011** SeqNo: **1260415**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	939.000	100	1000	0	93.9	67	136				
Surr: Chlorobenzene - d5	51.569		50.00		103	74	138				

Sample ID: **N005658-001BMSD** SampType: **MSD** TestCode: **8015_W_GSF** Units: **µg/L** Prep Date: RunNo: **79803**
Client ID: **ZZZZZZ** Batch ID: **E11VW017** TestNo: **EPA 8015B** Analysis Date: **4/25/2011** SeqNo: **1260423**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	909.000	100	1000	0	90.9	67	136	939.0	3.25	30	
Surr: Chlorobenzene - d5	50.829		50.00		102	74	138		0	0	

Sample ID: **E110425MB1** SampType: **MBLK** TestCode: **8015_W_GSF** Units: **µg/L** Prep Date: RunNo: **79803**
Client ID: **PBW** Batch ID: **E11VW017** TestNo: **EPA 8015B** Analysis Date: **4/25/2011** SeqNo: **1260424**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	ND	100									
Surr: Chlorobenzene - d5	54.968		50.00		110	74	138				

Qualifiers:

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CLIENT: CH2M HILL
Work Order: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **D110420LCS** SampType: **LCS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **79764**
Client ID: **LCSW** Batch ID: **D11VW052** TestNo: **EPA 8260B** Analysis Date: **4/20/2011** SeqNo: **1259631**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	25.840	0.50	25.00	0	103	69	133				
1,2-Dichloroethane	24.600	0.50	25.00	0	98.4	69	132				
2-Butanone	248.810	10	250.0	0	99.5	49	136				
Benzene	24.870	1.0	25.00	0	99.5	81	122				
Ethylbenzene	25.550	1.0	25.00	0	102	73	127				
m,p-Xylene	51.870	1.0	50.00	0	104	76	128				
MTBE	21.750	1.0	25.00	0	87.0	65	123				
o-Xylene	25.060	1.0	25.00	0	100	80	121				
Toluene	24.960	2.5	25.00	0	99.8	77	122				
Surr: 1,2-Dichloroethane-d4	25.690		25.00		103	72	119				
Surr: 4-Bromofluorobenzene	25.200		25.00		101	76	119				
Surr: Dibromofluoromethane	26.910		25.00		108	85	115				
Surr: Toluene-d8	25.760		25.00		103	81	120				

Sample ID: **N005643-001AMS** SampType: **MS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **79764**
Client ID: **ZZZZZZ** Batch ID: **D11VW052** TestNo: **EPA 8260B** Analysis Date: **4/20/2011** SeqNo: **1259632**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	25.170	0.50	25.00	0	101	69	133				
1,2-Dichloroethane	23.720	0.50	25.00	0	94.9	69	132				
2-Butanone	104.280	10	250.0	0	41.7	49	136				S
Benzene	25.400	1.0	25.00	0	102	81	122				
Ethylbenzene	26.700	1.0	25.00	0	107	73	127				
m,p-Xylene	53.720	1.0	50.00	0	107	76	128				
MTBE	22.620	1.0	25.00	0	90.5	65	123				
o-Xylene	25.960	1.0	25.00	0	104	80	121				
Toluene	24.910	2.5	25.00	0	99.6	77	122				
Surr: 1,2-Dichloroethane-d4	24.030		25.00		96.1	72	119				
Surr: 4-Bromofluorobenzene	26.010		25.00		104	76	119				
Surr: Dibromofluoromethane	26.000		25.00		104	85	115				

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: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **N005643-001AMS** SampType: **MS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **79764**
Client ID: **ZZZZZZ** Batch ID: **D11VW052** TestNo: **EPA 8260B** Analysis Date: **4/20/2011** SeqNo: **1259632**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	26.050		25.00		104	81	120				

Sample ID: **N005643-001AMSD** SampType: **MSD** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **79764**
Client ID: **ZZZZZZ** Batch ID: **D11VW052** TestNo: **EPA 8260B** Analysis Date: **4/20/2011** SeqNo: **1259633**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	24.980	0.50	25.00	0	99.9	69	133	25.17	0.758	20	
1,2-Dichloroethane	22.410	0.50	25.00	0	89.6	69	132	23.72	5.68	20	
2-Butanone	96.350	10	250.0	0	38.5	49	136	104.3	7.91	20	S
Benzene	25.340	1.0	25.00	0	101	81	122	25.40	0.236	20	
Ethylbenzene	26.600	1.0	25.00	0	106	73	127	26.70	0.375	20	
m,p-Xylene	52.040	1.0	50.00	0	104	76	128	53.72	3.18	20	
MTBE	21.080	1.0	25.00	0	84.3	65	123	22.62	7.05	20	
o-Xylene	25.330	1.0	25.00	0	101	80	121	25.96	2.46	20	
Toluene	24.890	2.5	25.00	0	99.6	77	122	24.91	0.0803	20	
Surr: 1,2-Dichloroethane-d4	22.580		25.00		90.3	72	119		0		
Surr: 4-Bromofluorobenzene	24.940		25.00		99.8	76	119		0		
Surr: Dibromofluoromethane	24.910		25.00		99.6	85	115		0		
Surr: Toluene-d8	25.450		25.00		102	81	120		0		

Sample ID: **D110420MB2** SampType: **MBLK** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **79764**
Client ID: **PBW** Batch ID: **D11VW052** TestNo: **EPA 8260B** Analysis Date: **4/20/2011** SeqNo: **1259634**

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									
Ethylbenzene	ND	1.0									
m,p-Xylene	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: N005658
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **D110420MB2** SampType: **MBLK** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **79764**
Client ID: **PBW** Batch ID: **D11VW052** TestNo: **EPA 8260B** Analysis Date: **4/20/2011** SeqNo: **1259634**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	1.0									
o-Xylene	ND	1.0									
Toluene	ND	2.5									
Surr: 1,2-Dichloroethane-d4	25.380		25.00		102	72	119				
Surr: 4-Bromofluorobenzene	25.800		25.00		103	76	119				
Surr: Dibromofluoromethane	24.760		25.00		99.0	85	115				
Surr: Toluene-d8	25.990		25.00		104	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. *3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691*

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

CHAIN OF CUSTODY RECORD

DATE: 4/19/11
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_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
☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Oil & Grease (1664)	TPH-g (C5-C14 Only) (8015B (M))	BTEX;1,1-DCA;1,2-DCA;MEK(8260B)	Settleable Solids (2540F)	Total Suspended Solids (2540D)	Phenolics (420.1)	Cr(VI),Cu(7199,6020)	Se (6020) 24 HR TAT	Hg (7470A) 24 HR TAT	MTBE (8260B) 24 Hour TAT			Comments
	EFF- 04-19	Effluent	4/19/11	1230	WW	15	X	X	X	X	X	X	X	X	X	X			Temperature* = 5.7°C
																			Temperature* =
																			(Temp. as sampled)*
																			Monthly

ICE PACK IR#7

Relinquished by: (Signature)	Received by: (Signature) FPDIWA	Date: 4/19/11	Time: 1440
Relinquished by: (Signature) FPDIWA	Received by: (Signature)	Date: 4/19/11	Time: 1511
Relinquished by: (Signature) 4/19/11	Received by: (Signature)	Date: 4/20/11	Time: 0900

Revised: 01/31/11

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:	4/20/2011	Workorder:	N005658
Rep sample Temp (Deg C):	5.9	IR Gun ID:	1
Temp Blank:	☐ Yes ☑ No		
Carrier name:	ontrac		
Last 4 digits of Tracking No.:	6329	Packing Material Used:	Bubble Wrap
Cooling process:	☐ Ice ☑ Ice Pack ☐ Dry Ice ☐ Other ☐ None		

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

Comments:

Checklist Completed By: MBC 4/20/11

Reviewed By: NS 4/21/11

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: J. DYE

19-Apr-11

Sample ID		Matrix	Date Collected	Bottle Type	Requested Tests EPA 420.1	Requested Tests SM2540F
N005658-001D	/ EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	32OZP		1
N005658-001F	/ EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	32OZA	1	

General Comments: Please email sample receipt acknowledgement to the PM.
Please use PO#: N005658 Please fax results by: Normal TAT
Please analyze for Set. Solids by SM2540F and Phenols by 420.1.

		Date/Time		Date/Time
Relinquished by:		4/19/11	**Received by:**	
Relinquished by:			**Received by:**	

Package Tracking

Go

Ship a Package
WebOnTrac Login

ZIP Code Lookup

Go

Schedule a Pickup

ZIPTool®
Transit Day Maps

Open a FREE Account

Rates

Fuel Surcharge

Drop Boxes

Authorized Retailers

Order Supplies

Messenger Service

Holiday Hours

2011 Updates

Tracking

Tracking Info:

Tracking Number:	D10010371306329
Deliver To:	ADVANCED TECH LABS
Service Commitment Time:	4/20/2011 10 30 AM
Delivery Signature:	MARGO
Delivery Time:	4/20/2011 8 14 AM
Delivery Status:	DELIVERED
Ship Date:	4/19/2011
Service Code:	SUNRISE
Weight:	10 lbs

Detailed Tracking Info:

Transaction	Date / Time	Facility
DELIVERED	Apr 20 2011 8 13AM	Los Angeles
OUT FOR DELIVERY	Apr 20 2011 6 34AM	Los Angeles
PACKAGE RECEIVED AT FACILITY	Apr 20 2011 4 35AM	Los Angeles
PICKED UP FROM SHIPPER	Apr 19 2011 4 37PM	Vegas
DATA ENTRY	Apr 19 2011 4 32PM	Vegas

April 26, 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.: 117437

RE:

Attention: Marlon Cartin

Enclosed are the results for sample(s) received on April 19, 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

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT:	Advanced Technology Laboratory-Las Vega	**Client Sample ID:**	N005658-001D / EFF-04-19
Lab Order:	117437	**Collection Date:**	4/19/2011 12:30:00 PM
Project:		**Matrix:**	WASTEWATER
Lab ID:	117437-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SETTLEABLE MATTER						
		SM2540F				
RunID: WETCHEM_110420B	QC Batch: 72389			PrepDate: 4/20/2011		Analyst: **CBB**
Settleable Matter	ND	0.10		ml/L	1	4/20/2011

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		

CLIENT:	Advanced Technology Laboratory-Las Vega	**Client Sample ID:**	N005658-001F / EFF-04-19
Lab Order:	117437	**Collection Date:**	4/19/2011 12:30:00 PM
Project:		**Matrix:**	WASTEWATER
Lab ID:	117437-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PHENOLICS						
		EPA 420.1				
RunID: WETCHEM3_110421A	QC Batch: 72409			PrepDate:	4/21/2011	Analyst: **AAG**
Phenolics, Total Recoverable	ND	0.030		mg/L	1	4/21/2011

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		

CLIENT: Advanced Technology Laboratory-Las Vegas
Work Order: 117437
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 2540F_CH2

Sample ID: **MB-72389** SampType: **MBLK** TestCode: **2540F_CH2** Units: **ml/L** Prep Date: **4/20/2011** RunNo: **132203**
Client ID: **PBW** Batch ID: **72389** TestNo: **SM2540F** Analysis Date: **4/20/2011** SeqNo: **2153686**

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	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		

CLIENT: Advanced Technology Laboratory-Las Vegas
Work Order: 117437
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 420.1_W_CH2

Sample ID: **117437-002A-MS**	SampType: **MS**	TestCode: **420.1_W_CH2**	Units: **mg/L**	Prep Date: **4/21/2011**	RunNo: **132251**
Client ID: **N005658-001F / EFF-**	Batch ID: **72409**	TestNo: **EPA 420.1**		Analysis Date: **4/21/2011**	SeqNo: **2154538**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.479	0.030	2.500	0	99.2	80	120				

Sample ID: **117437-002A-MSD**	SampType: **MSD**	TestCode: **420.1_W_CH2**	Units: **mg/L**	Prep Date: **4/21/2011**	RunNo: **132251**
Client ID: **N005658-001F / EFF-**	Batch ID: **72409**	TestNo: **EPA 420.1**		Analysis Date: **4/21/2011**	SeqNo: **2154539**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.502	0.030	2.500	0	100	80	120	2.479	0.924	20	

Sample ID: **LCS-72409**	SampType: **LCS**	TestCode: **420.1_W_CH2**	Units: **mg/L**	Prep Date: **4/21/2011**	RunNo: **132251**
Client ID: **LCSW**	Batch ID: **72409**	TestNo: **EPA 420.1**		Analysis Date: **4/21/2011**	SeqNo: **2154541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.484	0.030	2.500	0	99.4	80	120				

Sample ID: **MB-72409**	SampType: **MBLK**	TestCode: **420.1_W_CH2**	Units: **mg/L**	Prep Date: **4/21/2011**	RunNo: **132251**
Client ID: **PBW**	Batch ID: **72409**	TestNo: **EPA 420.1**		Analysis Date: **4/21/2011**	SeqNo: **2154542**

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 W. Post Road
Las Vegas, NV 89118
Tel: 702-307-2659 Fax: 702-307-2691
Marlon Cartin [marlon@atl-labs.com

CHAIN OF CUSTODY RECORD

DATE: 4/19/11

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_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
☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	MtBE;BTEX;1,1-DCA;1,2-DCA;MEK(8260B	Comments
	MP1-04-19	Midpoint PRS GAC1	4/19/11	1215	WW	3	X	Temperature* =
	MP2-04-19	Midpoint PRS GAC2	4/19/11	1215	WW	3	X	Temperature* =
	RAW-04-19	Transfer Tank Inlet	4/19/11	1215	WW	3	X	Temperature* =
								(Temp. as sampled)*
								Bi-Weekly

Relinquished by: (Signature)	Received by: (Signature) FPDIWA	Date: 4/19/11	Time: 1440
Relinquished by: (Signature) FPDIWA	Received by: (Signature)	Date: 4/19/11	Time: 1511
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Revised: 01/25/11

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

CHAIN OF CUSTODY RECORD

DATE: 4/19/11

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_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
☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Oil & Grease (1664)	TPH-g (C5-C14 Only) (8015B (M))	BTEX;1,1-DCA;1,2-DCA;MEK(8260B)	Settleable Solids (2540F)	Total Suspended Solids (2540D)	Phenolics (420.1)	Cr(VI),Cu(7199,6020)	Se (6020) 24 HR TAT	Hg (7470A) 24 HR TAT	MTBE (8260B) 24 Hour TAT			Comments
	EFF-0419	Effluent	4/19/11	1230	WW	15	X	X	X	X	X	X	X	X	X	X			Temperature* = ___
																			Temperature* = ___
																			(Temp. as sampled)*
																			Monthly

Relinquished by: (Signature)	Received by: (Signature) FPDIWA	Date: 4/19/11	Time: 1440
Relinquished by: (Signature) FPDIWA	Received by: (Signature)	Date: 4/19/11	Time: 1511
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Revised: 01/31/11

CHAIN OF CUSTODY RECORD

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.

FOR LABORATORY USE ONLY

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:
Address: 3151 W Post Rd.
City: Las Vegas State: NV Zip Code: 89118
Tel: (702) 307-2659
Fax:
Project Name: CH2M Hill -Norwalk
Project #:
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) C. Ayuso Date: 4/19/11 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:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Addr:
City: State: Zip:

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

Special Instructions/Comments:
10 min Shipping Time

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)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

PRESERVATION

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐ Logcode_____
OTHER _____

ITEM	LAB USE ONLY: Batch # / Lab No.	Sample Description: Sample ID / Location	Date	Time	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	SEDIMENT	SOLID	SOIL	DRINKING WATER	GROUND WATER	WASTEWATER	STORMWATER	AQUEOUS	TAT	Container(s) #	Container(s) Type	REMARKS
	117437-01	-	4/19/2011									x												
		-																						

- TAT starts 8AM the following day if samples received after 5 PM

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 P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

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: J. DYE

19-Apr-11

	Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests EPA 420.1	SM2540F	
117437-1	N005658-001D / EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	32OZP		1	
↓ -2	N005658-001F / EFF-04-19	Wastewater	4/19/2011 12:30:00 PM	32OZA	1		

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

Please use PO#: N005658 Please fax results by: Normal TAT

Please analyze for Set. Solids by SM2540F and Phenols by 420.1.

		Date/Time			Date/Time
Relinquished by:	[signature]	4/19/11	Received by:	[signature]	4/19/11 1853
Relinquished by:			Received by:		

May 25, 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.: N005810

RE: SFPP - Norwalk Site

Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on May 13, 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

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N005810

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 .

Analytical Comments for EPA 8260B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for 2-Butanone on QC samples possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Advanced Technology Laboratories, Inc. *3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691*

Advanced Technology Laboratories, Inc.

Date: *25-May-11*

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N005810
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N005810-001A	EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	5/13/2011	
N005810-001B	EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	5/13/2011	
N005810-001C	EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	5/13/2011	
N005810-001D	EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	5/13/2011	
N005810-001E	EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	5/13/2011	
N005810-001F	EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	5/13/2011	
N005810-001G	EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	5/13/2011	

Advanced Technology Laboratories, Inc.
3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: CH2M HILL
Lab Order: N005810
Project: SFPP - Norwalk Site
Lab ID: N005810-001

Client Sample ID: EFF-05-13
Collection Date: 5/13/2011 11:40:00 AM
Matrix: WASTE WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **GC4_110517A**	QC Batch: **E11VW022**				PrepDate:		Analyst: **QBM**
TPH-Gasoline	ND	6.0	100		µg/L	1	5/17/2011
Surr: Chlorobenzene - d5	109	0	74-138		%REC	1	5/17/2011
ICP-MS METALS							
	EPA 3010A		**EPA 6020**				
RunID: **ICP7_110515B**	QC Batch: **36903**				PrepDate: **5/14/2011**		Analyst: **JT**
Lead	0.028	0.021	1.0	J	µg/L	1	5/15/2011 09:29 AM
ICP-MS METALS BY COLLISION/REACTION CELL							
	EPA 3010A		**EPA 6020**				
RunID: **ICP7_110515A**	QC Batch: **36903**				PrepDate: **5/14/2011**		Analyst: **JT**
Copper	0.83	0.34	1.0	J	µg/L	1	5/15/2011 09:29 AM
Selenium	0.14	0.025	0.50	J	µg/L	1	5/15/2011 09:29 AM
MERCURY BY COLD VAPOR TECHNIQUE							
			EPA 7470A				
RunID: **AA1_110516A**	QC Batch: **36904**				PrepDate: **5/14/2011**		Analyst: **CEI**
Mercury	ND	0.023	0.050		µg/L	1	5/16/2011
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS1_110514A**	QC Batch: **D11VW060**				PrepDate:		Analyst: **QBM**
1,1-Dichloroethane	ND	0.099	0.50		µg/L	1	5/14/2011 08:04 PM
1,2-Dichloroethane	ND	0.17	0.50		µg/L	1	5/14/2011 08:04 PM
2-Butanone	ND	1.0	10		µg/L	1	5/14/2011 08:04 PM
Benzene	ND	0.075	1.0		µg/L	1	5/14/2011 08:04 PM
Ethylbenzene	ND	0.051	1.0		µg/L	1	5/14/2011 08:04 PM
m,p-Xylene	ND	0.17	1.0		µg/L	1	5/14/2011 08:04 PM
MTBE	0.53	0.089	1.0	J	µg/L	1	5/14/2011 08:04 PM
o-Xylene	ND	0.077	1.0		µg/L	1	5/14/2011 08:04 PM
Toluene	ND	0.12	2.5		µg/L	1	5/14/2011 08:04 PM
Surr: 1,2-Dichloroethane-d4	93.1	0	72-119		%REC	1	5/14/2011 08:04 PM
Surr: 4-Bromofluorobenzene	110	0	76-119		%REC	1	5/14/2011 08:04 PM
Surr: Dibromofluoromethane	97.0	0	85-115		%REC	1	5/14/2011 08:04 PM
Surr: Toluene-d8	109	0	81-120		%REC	1	5/14/2011 08:04 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	**Client Sample ID:**	EFF-05-13
Lab Order:	N005810	**Collection Date:**	5/13/2011 11:40:00 AM
Project:	SFPP - Norwalk Site	**Matrix:**	WASTE WATER
Lab ID:	N005810-001		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL NON-FILTERABLE RESIDUE							
			SM2540D				
RunID: **WETCHEM_110519A**	QC Batch: **36935**				PrepDate: **5/19/2011**		Analyst: **CEI**
Suspended Solids (Residue, Non-Filterable)	ND	10	10		mg/L	1	5/19/2011
OIL & GREASE							
			EPA 1664 _HEM				
RunID: **WETCHEM_110524A**	QC Batch: **36969**				PrepDate: **5/24/2011**		Analyst: **QBM**
Oil & Grease	ND	0.95	4.1		mg/L	1	5/24/2011
TURBIDITY							
			EPA 180.1				
RunID: **WETCHEM_110514A**	QC Batch: **R80071**				PrepDate:		Analyst: **CEI**
Turbidity	0.18	0.10	0.10		NTU	1	5/14/2011

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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.2_2540D_W

Sample ID: **MB-36935**	SampType: **MBLK**	TestCode: **160.2_2540D**	Units: **mg/L**	Prep Date: **5/19/2011**	RunNo: **80104**
Client ID: **PBW**	Batch ID: **36935**	TestNo: **SM2540D**		Analysis Date: **5/19/2011**	SeqNo: **1269373**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filter	ND	10									

Sample ID: **LCS-36935**	SampType: **LCS**	TestCode: **160.2_2540D**	Units: **mg/L**	Prep Date: **5/19/2011**	RunNo: **80104**
Client ID: **LCSW**	Batch ID: **36935**	TestNo: **SM2540D**		Analysis Date: **5/19/2011**	SeqNo: **1269374**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filter	926.000	10	1000	0	92.6	80	120				

Sample ID: **N005810-001A-DUP**	SampType: **DUP**	TestCode: **160.2_2540D**	Units: **mg/L**	Prep Date: **5/19/2011**	RunNo: **80104**
Client ID: **ZZZZZZ**	Batch ID: **36935**	TestNo: **SM2540D**		Analysis Date: **5/19/2011**	SeqNo: **1269376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filter	ND	10						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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_HEM_W

Sample ID: **MB-36969**	SampType: **MBLK**	TestCode: **1664_HEM_**	Units: **mg/L**	Prep Date: **5/24/2011**	RunNo: **80146**
Client ID: **PBW**	Batch ID: **36969**	TestNo: **EPA 1664 _H**		Analysis Date: **5/24/2011**	SeqNo: **1270662**

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-36969**	SampType: **LCS**	TestCode: **1664_HEM_**	Units: **mg/L**	Prep Date: **5/24/2011**	RunNo: **80146**
Client ID: **LCSW**	Batch ID: **36969**	TestNo: **EPA 1664 _H**		Analysis Date: **5/24/2011**	SeqNo: **1270663**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	36.800	4.0	40.00	0	92.0	78	114				

Sample ID: **N005781-001CMS**	SampType: **MS**	TestCode: **1664_HEM_**	Units: **mg/L**	Prep Date: **5/24/2011**	RunNo: **80146**
Client ID: **ZZZZZZ**	Batch ID: **36969**	TestNo: **EPA 1664 _H**		Analysis Date: **5/24/2011**	SeqNo: **1270667**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	41.412	4.7	47.06	0	88.0	78	114				

Sample ID: **N005781-001CMSD**	SampType: **MSD**	TestCode: **1664_HEM_**	Units: **mg/L**	Prep Date: **5/24/2011**	RunNo: **80146**
Client ID: **ZZZZZZ**	Batch ID: **36969**	TestNo: **EPA 1664 _H**		Analysis Date: **5/24/2011**	SeqNo: **1270668**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	39.663	4.5	44.94	0	88.2	78	114	41.41	4.31	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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 180.1_W

Sample ID: **N005810-001ADUP**	SampType: **DUP**	TestCode: **180.1_W**	Units: **NTU**	Prep Date:	RunNo: **80071**
Client ID: **ZZZZZZ**	Batch ID: **R80071**	TestNo: **EPA 180.1**		Analysis Date: **5/14/2011**	SeqNo: **1268281**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Turbidity	0.170	0.10						0.1800	5.71	30	

Sample ID: **MB-R80071**	SampType: **MBLK**	TestCode: **180.1_W**	Units: **NTU**	Prep Date:	RunNo: **80071**
Client ID: **PBW**	Batch ID: **R80071**	TestNo: **EPA 180.1**		Analysis Date: **5/14/2011**	SeqNo: **1268282**

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	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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_W

Sample ID: **MB-36903**	SampType: **MBLK**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80031**
Client ID: **PBW**	Batch ID: **36903**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **5/15/2011**	SeqNo: **1267086**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0									

Sample ID: **LCS-36903**	SampType: **LCS**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80031**
Client ID: **LCSW**	Batch ID: **36903**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **5/15/2011**	SeqNo: **1267087**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.670	1.0	10.00	0	96.7	85	115				

Sample ID: **N005810-001G-MS**	SampType: **MS**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80031**
Client ID: **ZZZZZZ**	Batch ID: **36903**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **5/15/2011**	SeqNo: **1267093**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.014	1.0	10.00	0.02758	99.9	75	125				

Sample ID: **N005810-001G-MSD**	SampType: **MSD**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80031**
Client ID: **ZZZZZZ**	Batch ID: **36903**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **5/15/2011**	SeqNo: **1267097**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.320	1.0	10.00	0.02758	103	75	125	10.01	3.01	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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_W_DRC

Sample ID: **MB-36903**	SampType: **MBLK**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80029**
Client ID: **PBW**	Batch ID: **36903**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **5/15/2011**	SeqNo: **1267055**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	1.0									
Selenium	0.078	0.50									J

Sample ID: **LCS-36903**	SampType: **LCS**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80029**
Client ID: **LCSW**	Batch ID: **36903**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **5/15/2011**	SeqNo: **1267056**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	9.868	1.0	10.00	0	98.7	85	115				
Selenium	9.382	0.50	10.00	0	93.8	85	115				

Sample ID: **N005810-001G-MS**	SampType: **MS**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80029**
Client ID: **ZZZZZZ**	Batch ID: **36903**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **5/15/2011**	SeqNo: **1267062**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	9.200	1.0	10.00	0.8255	83.7	75	125				
Selenium	8.686	0.50	10.00	0.1420	85.4	75	125				

Sample ID: **N005810-001G-MSD**	SampType: **MSD**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80029**
Client ID: **ZZZZZZ**	Batch ID: **36903**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **5/15/2011**	SeqNo: **1267066**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	9.324	1.0	10.00	0.8255	85.0	75	125	9.200	1.33	20	
Selenium	9.016	0.50	10.00	0.1420	88.7	75	125	8.686	3.72	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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W_LL

Sample ID: **LCS-36904**	SampType: **LCS**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80040**
Client ID: **LCSW**	Batch ID: **36904**	TestNo: **EPA 7470A**		Analysis Date: **5/16/2011**	SeqNo: **1267392**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.497	0.050	2.500	0	99.9	85	115				

Sample ID: **MB-36904**	SampType: **MBLK**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80040**
Client ID: **PBW**	Batch ID: **36904**	TestNo: **EPA 7470A**		Analysis Date: **5/16/2011**	SeqNo: **1267393**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.050									

Sample ID: **N005810-001G-MS**	SampType: **MS**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80040**
Client ID: **ZZZZZZ**	Batch ID: **36904**	TestNo: **EPA 7470A**		Analysis Date: **5/16/2011**	SeqNo: **1267395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.537	0.050	2.500	0	101	75	125				

Sample ID: **N005810-001G-MSD**	SampType: **MSD**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **5/14/2011**	RunNo: **80040**
Client ID: **ZZZZZZ**	Batch ID: **36904**	TestNo: **EPA 7470A**		Analysis Date: **5/16/2011**	SeqNo: **1267396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.555	0.050	2.500	0	102	75	125	2.537	0.694	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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GSFPP

Sample ID: **E110517LCS** SampType: **LCS** TestCode: **8015_W_GSF** Units: **µg/L** Prep Date: RunNo: **80075**
Client ID: **LCSW** Batch ID: **E11VW022** TestNo: **EPA 8015B** Analysis Date: **5/17/2011** SeqNo: **1268438**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	919.000	100	1000	0	91.9	67	136				
Surr: Chlorobenzene - d5	49.492		50.00		99.0	74	138				

Sample ID: **E110517MB1** SampType: **MBLK** TestCode: **8015_W_GSF** Units: **µg/L** Prep Date: RunNo: **80075**
Client ID: **PBW** Batch ID: **E11VW022** TestNo: **EPA 8015B** Analysis Date: **5/17/2011** SeqNo: **1268439**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	ND	100									
Surr: Chlorobenzene - d5	55.464		50.00		111	74	138				

Sample ID: **N005810-001CMS** SampType: **MS** TestCode: **8015_W_GSF** Units: **µg/L** Prep Date: RunNo: **80075**
Client ID: **ZZZZZZ** Batch ID: **E11VW022** TestNo: **EPA 8015B** Analysis Date: **5/17/2011** SeqNo: **1268440**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	917.000	100	1000	0	91.7	67	136				
Surr: Chlorobenzene - d5	48.886		50.00		97.8	74	138				

Sample ID: **N005810-001CMSD** SampType: **MSD** TestCode: **8015_W_GSF** Units: **µg/L** Prep Date: RunNo: **80075**
Client ID: **ZZZZZZ** Batch ID: **E11VW022** TestNo: **EPA 8015B** Analysis Date: **5/17/2011** SeqNo: **1268441**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	908.000	100	1000	0	90.8	67	136	917.0	0.986	30	
Surr: Chlorobenzene - d5	49.227		50.00		98.5	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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **D110514LCS** SampType: **LCS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80047**
Client ID: **LCSW** Batch ID: **D11VW060** TestNo: **EPA 8260B** Analysis Date: **5/14/2011** SeqNo: **1267706**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	25.400	0.50	25.00	0	102	69	133				
1,2-Dichloroethane	24.830	0.50	25.00	0	99.3	69	132				
2-Butanone	249.720	10	250.0	0	99.9	49	136				
Benzene	24.390	1.0	25.00	0	97.6	81	122				
Ethylbenzene	24.950	1.0	25.00	0	99.8	73	127				
m,p-Xylene	51.670	1.0	50.00	0	103	76	128				
MTBE	24.350	1.0	25.00	0	97.4	65	123				
o-Xylene	25.200	1.0	25.00	0	101	80	121				
Toluene	24.840	2.5	25.00	0	99.4	77	122				
Surr: 1,2-Dichloroethane-d4	24.480		25.00		97.9	72	119				
Surr: 4-Bromofluorobenzene	24.700		25.00		98.8	76	119				
Surr: Dibromofluoromethane	25.510		25.00		102	85	115				
Surr: Toluene-d8	24.780		25.00		99.1	81	120				

Sample ID: **N005760-001FMS** SampType: **MS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80047**
Client ID: **ZZZZZZ** Batch ID: **D11VW060** TestNo: **EPA 8260B** Analysis Date: **5/14/2011** SeqNo: **1267707**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	24.060	0.50	25.00	0	96.2	69	133				
1,2-Dichloroethane	21.460	0.50	25.00	0	85.8	69	132				
2-Butanone	93.620	10	250.0	0	37.4	49	136				S
Benzene	24.600	1.0	25.00	0	98.4	81	122				
Ethylbenzene	26.300	1.0	25.00	0	105	73	127				
m,p-Xylene	54.340	1.0	50.00	0.3000	108	76	128				
MTBE	20.720	1.0	25.00	0	82.9	65	123				
o-Xylene	26.070	1.0	25.00	0	104	80	121				
Toluene	25.440	2.5	25.00	0.3000	101	77	122				
Surr: 1,2-Dichloroethane-d4	21.030		25.00		84.1	72	119				
Surr: 4-Bromofluorobenzene	25.180		25.00		101	76	119				
Surr: Dibromofluoromethane	23.500		25.00		94.0	85	115				

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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **N005760-001FMS** SampType: **MS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80047**
Client ID: **ZZZZZZ** Batch ID: **D11VW060** TestNo: **EPA 8260B** Analysis Date: **5/14/2011** SeqNo: **1267707**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	24.920		25.00		99.7	81	120				

Sample ID: **N005760-001FMSD** SampType: **MSD** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80047**
Client ID: **ZZZZZZ** Batch ID: **D11VW060** TestNo: **EPA 8260B** Analysis Date: **5/14/2011** SeqNo: **1267708**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	24.190	0.50	25.00	0	96.8	69	133	24.06	0.539	20	
1,2-Dichloroethane	21.090	0.50	25.00	0	84.4	69	132	21.46	1.74	20	
2-Butanone	85.920	10	250.0	0	34.4	49	136	93.62	8.58	20	S
Benzene	24.890	1.0	25.00	0	99.6	81	122	24.60	1.17	20	
Ethylbenzene	26.350	1.0	25.00	0	105	73	127	26.30	0.190	20	
m,p-Xylene	54.370	1.0	50.00	0.3000	108	76	128	54.34	0.0552	20	
MTBE	20.440	1.0	25.00	0	81.8	65	123	20.72	1.36	20	
o-Xylene	25.930	1.0	25.00	0	104	80	121	26.07	0.538	20	
Toluene	25.170	2.5	25.00	0.3000	99.5	77	122	25.44	1.07	20	
Surr: 1,2-Dichloroethane-d4	20.720		25.00		82.9	72	119		0		
Surr: 4-Bromofluorobenzene	24.890		25.00		99.6	76	119		0		
Surr: Dibromofluoromethane	23.610		25.00		94.4	85	115		0		
Surr: Toluene-d8	24.940		25.00		99.8	81	120		0		

Sample ID: **D110514MB3** SampType: **MBLK** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80047**
Client ID: **PBW** Batch ID: **D11VW060** TestNo: **EPA 8260B** Analysis Date: **5/14/2011** SeqNo: **1267709**

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									
Ethylbenzene	ND	1.0									
m,p-Xylene	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: N005810
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **D110514MB3** SampType: **MBLK** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80047**
Client ID: **PBW** Batch ID: **D11VW060** TestNo: **EPA 8260B** Analysis Date: **5/14/2011** SeqNo: **1267709**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	1.0									
o-Xylene	ND	1.0									
Toluene	ND	2.5									
Surr: 1,2-Dichloroethane-d4	24.400		25.00		97.6	72	119				
Surr: 4-Bromofluorobenzene	25.570		25.00		102	76	119				
Surr: Dibromofluoromethane	23.550		25.00		94.2	85	115				
Surr: Toluene-d8	25.640		25.00		103	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. *3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691*

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

CHAIN OF CUSTODY RECORD

DATE: 5/13/11

PAGE: 1 OF 1

LABORATORY CLIENT: Kinder Morgan Energy Partners, Attn: Steve Defibaugh	CLIENT PROJECT NAME / NUMBER: SFPP - Norwalk Site	P.O. NO.:
ADDRESS: 1100 Town & Country Road	PROJECT CONTACT: James Dye	QUOTE NO.:
CITY: Orange, CA 92868	SAMPLER(S): (SIGNATURE)	LAB USE ONLY
TEL: 714-560-4802 / FAX: 714-560-4601 / E-MAIL: james_dye@kindermorgan.com		

TURNAROUND TIME: ☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Turbidity (SM 2130B)	Oil & Grease (1664)	TPH-g (C5-C14 Only) (8015B (M))	BTEX;1,1-DCA;1,2-DCA;MEK(8260B)	Settleable Solids (2540F)	Total Suspended Solids (2540D)	Phenolics (420.1)	Lead (EPA 6020)	Cu(6020)	Se (6020) 24 HR TAT	Hg (7470A) 24 HR TAT	MTBE (8260B) 24 Hour TAT	Comments
	EFF- 05-13	Effluent	5/13/11	1140	WW	12	X	X	X	X	X	X	X	X	X	X	X	X	Temperature* = ___
																			(Temp. as sampled*)
																			Quarterly

N00581D-1

Relinquished by: (Signature)	Received by: (Signature) Joe Arceo	Date: 5/13/11	Time: 1415
Relinquished by: (Signature) Joe Arceo	Received by: (Signature)	Date: 5/13/11	Time: 14:33
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Revised: 01/31/11

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

CHAIN OF CUSTODY RECORD

DATE: 5/13/11

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_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
☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Turbidity (SM 2130B)	Oil & Grease (1664)	TPH-g (C5-C14 Only) (8015B (M))	BTEX;1,1-DCA;1,2-DCA;MEK(8260B)	Settleable Solids (2540F)	Total Suspended Solids (2540D)	Phenolics (420.1)	Lead (EPA 6020)	Cu(6020)	Se (6020) 24 HR TAT	Hg (7470A) 24 HR TAT	MTBE (8260B) 24 Hour TAT	Comments
	EFF-05-13	Effluent	5/13/11	1140	WW	12	X	X	X	X	X	X	X	X	X	X	X	X	Temperature* = 4.4°C
																			(Temp. as sampled*)
																			Quarterly

Relinquished by: (Signature)	Received by: (Signature)	Date: 5/13/11	Time: 1415
Relinquished by: (Signature)	Received by: (Signature)	Date: 5/13/11	Time: 1433
Relinquished by: (Signature) 5/13/11	Received by: (Signature)	Date: 5/14/11	Time: 0945

Revised: 01/31/11

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:	5/14/2011	Workorder:	N005810
Rep sample Temp (Deg C):	4.4	IR Gun ID:	1
Temp Blank:	☐ Yes ☑ No		
Carrier name:	OnTrac		
Last 4 digits of Tracking No.:	9197	Packing Material Used:	Bubble Wrap
Cooling process:	☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None		

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

Comments: see correspondence

Checklist Completed B NS 5/16/11

Reviewed By: 5/16/11

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:

13-May-11

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests EPA 420.1	Requested Tests SM2540F
N005810-001E / EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	32OZG		1
N005810-001F / EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	32OZG	1	

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

Please use PO#: N005810 Please fax results by: ~~5/16/2011~~ 5/13/11

Please analyze for Settleable Solids by SM 2540F and Phenolics by EPA 420.1

	Date/Time		Date/Time
Relinquished by:	5/13/11 3:41pm	**Received by:**	
Relinquished by:		**Received by:**	

OnTrac

800-334-5000

Call For A Pickup!

Account Number B10241809197

Date 01/29/19

B10241809197

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

ATL

Street Address

2151 W POINT RD

Suite # City LAS VEGAS

State NV Zip Code (Required) 89119-8 Phone Number 702-207-2649

Recipient's Name

MARLON C.

Shipper's Ref. #

CA2MILL-0011

Service Options

*If no box is checked, Sunrise Service will be applied.
**Maximum charge weight is 300 lbs. - Delivery by 5:00 P.M.
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 $25,000)

Billing Information

If none is selected, shipper will be invoiced.

- ☐ Bill Shipper's Account
- ☒ Bill Other Acct #

Weight

- ☐ 8 oz. Letter or

Weight lbs. (Subject to verification)

Dim weight charge if greater than actual weight

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

- ☐ C.O.D. Amount $, Limit $10,000 (affix C.O.D. tag to package)
- ☐ Secured Payment (Money Order or Certified Check)
- ☐ Unsecured Payment (Company Check or Personal Check)

Driver #	Pick-up Time	Shipper's Signature
	1:57	

Driver's Initials

Shipper's Name FIRST

Nancy Sibucao

From: Dye, James [James_Dye@kindermorgan.com]
Sent: Monday, May 16, 2011 11:37 AM
To: 'Daniel.Jablonski@CH2M.com'; 'reports@atl-labs.com'; Loya, Patrick
Cc: 'Vladimir.Carino@CH2M.com'; 'Kristen.Henderson@ch2m.com'; 'Shawn.Duffy@CH2M.com'; 'marlon@atl-labs.com'
Subject: RE: SFPP - Norwalk Site samples received 5/14/2011

Pat confirmed that the samples were taken from the Effluent and should have been labeled EFF-05-13

James Dye

Technician-EHS

2319 S. Riverside Ave

Bloomington, CA 92316

Cell 909-631-0231

From: Daniel.Jablonski@CH2M.com [mailto:Daniel.Jablonski@CH2M.com]
Sent: Monday, May 16, 2011 11:28 AM
To: reports@atl-labs.com; Dye, James
Cc: Vladimir.Carino@CH2M.com; Kristen.Henderson@ch2m.com; Shawn.Duffy@CH2M.com; marlon@atl-labs.com
Subject: RE: SFPP - Norwalk Site samples received 5/14/2011

Yes, these samples were collected from the effluent so the sample labels should be EFF-05-13. James please let me know if you disagree.

An effluent sample for hex chrom should be collected tomorrow, so please coordinate with your courier.

Thanks,
Dan

From: Advanced Technology Labs, Inc. [mailto:reports@atl-labs.com]
Sent: Monday, May 16, 2011 8:55 AM
To: Jablonski, Daniel/LAC
Cc: Carino, Vladimir/SCO; Henderson, Kristen/SCO; Duffy, Shawn/RDD
Subject: SFPP - Norwalk Site samples received 5/14/2011

Please see attached.There is a discrepancy between the sample label and COC on all 6voas for VOC and gas analysis. The voas were labelled as INF-05-13 and sampled 5/13/2011@1140. Please confirm if these voas should be for sample EFF-05-13 whose sampling time is also 5/13/2011@1140.

Thanks.

Nancy Sibucao

May 24, 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.: 117842

RE:

Attention: Marlon Cartin

Enclosed are the results for sample(s) received on May 13, 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,

for Eddie F. Rodriguez
Laboratory Director

CLIENT:	Advanced Technology Laboratory-Las Vega	**Client Sample ID:**	N005810-001E / EFF-05-13
Lab Order:	117842	**Collection Date:**	5/13/2011 11:40:00 AM
Project:		**Matrix:**	WASTEWATER
Lab ID:	117842-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SETTLEABLE MATTER						
			SM2540F			
RunID: WETCHEM_110513D	QC Batch: 72884			PrepDate:	5/13/2011	Analyst: **CBB**
Settleable Matter	ND	0.099		ml/L	1	5/13/2011

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		

CLIENT: Advanced Technology Laboratory-Las Vega
Lab Order: 117842
Project:
Lab ID: 117842-002A

Client Sample ID: N005810-001F / EFF-05-13
Collection Date: 5/13/2011 11:40:00 AM
Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PHENOLICS						
		EPA 420.1				
RunID: WETCHEM3_110520D	QC Batch: 73005			PrepDate:	5/19/2011	Analyst: **AAG**
Phenolics, Total Recoverable	ND	0.030		mg/L	1	5/20/2011

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		

CLIENT: Advanced Technology Laboratory-Las Vegas
Work Order: 117842
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 2540F_CH2

Sample ID: **MB-72884**	SampType: **MBLK**	TestCode: **2540F_CH2**	Units: **ml/L**		Prep Date: **5/13/2011**				RunNo: **132948**		
Client ID: **PBW**	Batch ID: **72884**	TestNo: **SM2540F**			Analysis Date: **5/13/2011**				SeqNo: **2168146**		
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: 117842
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 420.1_W_CH2

Sample ID: 117871-005D-MS	SampType: MS	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 5/19/2011	RunNo: 133164
Client ID: ZZZZZZ	Batch ID: 73005	TestNo: EPA 420.1		Analysis Date: 5/20/2011	SeqNo: 2172379

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.656	0.030	2.500	0.2520	96.2	80	120				

Sample ID: 117871-005D-MSD	SampType: MSD	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 5/19/2011	RunNo: 133164
Client ID: ZZZZZZ	Batch ID: 73005	TestNo: EPA 420.1		Analysis Date: 5/20/2011	SeqNo: 2172380

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.635	0.030	2.500	0.2520	95.3	80	120	2.656	0.794	20	

Sample ID: LCS-73005	SampType: LCS	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 5/19/2011	RunNo: 133164
Client ID: LCSW	Batch ID: 73005	TestNo: EPA 420.1		Analysis Date: 5/20/2011	SeqNo: 2172381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.558	0.030	2.500	0	102	80	120				

Sample ID: MB-73005	SampType: MBLK	TestCode: 420.1_W_CH2	Units: mg/L	Prep Date: 5/19/2011	RunNo: 133164
Client ID: PBW	Batch ID: 73005	TestNo: EPA 420.1		Analysis Date: 5/20/2011	SeqNo: 2172382

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

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:

13-May-11

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests EPA 420.1	Requested Tests SM2540F
N005810-001E / EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	32OZG		1
N005810-001F / EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	32OZG	1	

General Comments: Please email sample receipt acknowledgement to the PM.
Please use PO#: N005810 Please fax results by: 5/16/2011
Please analyze for Settleable Solids by SM 2540F and Phenolics by EPA 420.1

	Date/Time		Date/Time
Relinquished by:	5/13/11 3:41pm	**Received by:** C. Azpitia	5/13/11
Relinquished by:		**Received by:**	

Carmen Aguila

From: Advanced Technology Labs, Inc. [reports@atl-labs.com]
Sent: Monday, May 16, 2011 1:55 PM
To: Carmen Aguila
Subject: FW: SFPP - Norwalk Site sub-COC
Attachments: N005810_amended_subCOC.pdf

From: Advanced Technology Labs, Inc. [mailto:reports@atl-labs.com]
Sent: Friday, May 13, 2011 4:09 PM
To: Rachelle Arada
Subject: SFPP - Norwalk Site sub-COC

Please see amended sub-COC.

Thanks.

Nancy Sibucao
Project Coordinator
Advanced Technology Laboratories, Inc.
www.atl-labs.com
Tel: (702) 307-3248 ext. 412
Fax: (702) 307-2691

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:

13-May-11

	Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests EPA 420.1	Requested Tests SM2540F
N005810-001E	/ EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	32OZG		1
N005810-001F	/ EFF-05-13	Waste Water	5/13/2011 11:40:00 AM	32OZG	1	

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

Please use PO#: N005810 Please fax results by: 5/~~16~~/2011 5/13/11

Please analyze for Settleable Solids by SM 2540F and Phenolics by EPA 420.1

	Date/Time		Date/Time
Relinquished by:	5/13/11 3:41pm	**Received by:**	
Relinquished by:		**Received by:**	

CHAIN OF CUSTODY RECORD

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.

FOR LABORATORY USE ONLY

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:
Address: 3151 W Post Rd.
City: Las Vegas State: NV Zip Code: 89118
Tel: (702) 307-2659
Fax:
Project Name: CH2M Hill -Norwalk
Project #:
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 5/13/11 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:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Addr:
City: State: Zip:

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

Special Instructions/Comments:
10 min Shipping Time

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)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

PRESERVATION

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐
Logcode_____
OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample ID / Location	Date	Time	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	SEDIMENT	SOLID	SOIL	DRINKING WATER	GROUND WATER	WASTEWATER	STORMWATER	AQUEOUS	TAT	Container(s) #	Container(s) Type	REMARKS
		-	5/13/2011										x												
		"																							

■ TAT starts 8AM the following day if samples received after 5 PM

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 P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

May 18, 2011

Shawn P. Duffy
CH2M HILL
155 Grand Avenue, Suite 1000
Oakland, CA 94612

TEL: (530) 229-3303
FAX: (530) 339-3303

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

Workorder No.: N005824

RE: SFPP - Norwalk Site

Attention: Shawn P. Duffy

Enclosed are the results for sample(s) received on May 17, 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

Advanced Technology Laboratories, Inc.

Date: *18-May-11*

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N005824
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N005824-001A	EFF-05-17	Wastewater	5/17/2011 1:40:00 PM	5/17/2011	

Advanced Technology Laboratories, Inc.
3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Sample was 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.

Sample was 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.

Advanced Technology Laboratories, Inc.
3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT:	CH2M HILL	**Client Sample ID:**	EFF-05-17
Lab Order:	N005824	**Collection Date:**	5/17/2011 1:40:00 PM
Project:	SFPP - Norwalk Site	**Matrix:**	WASTEWATER
Lab ID:	N005824-001A		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
			EPA 7199				
RunID: **IC1_110518A**	QC Batch: **R80090**				PrepDate:		Analyst: **QBM**
Hexavalent Chromium	ND	0.028	0.20		µg/L	1	5/18/2011 11:50 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 interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: CH2M HILL
Work Order: N005824
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_WPGE

Sample ID: **MB-R80090**	SampType: **MBLK**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80090**
Client ID: **PBW**	Batch ID: **R80090**	TestNo: **EPA 7199**		Analysis Date: **5/18/2011**	SeqNo: **1268923**

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-R80090**	SampType: **LCS**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80090**
Client ID: **LCSW**	Batch ID: **R80090**	TestNo: **EPA 7199**		Analysis Date: **5/18/2011**	SeqNo: **1268924**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.989	0.20	5.000	0	99.8	90	110				

Sample ID: **N005824-001ADUP**	SampType: **DUP**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80090**
Client ID: **ZZZZZZ**	Batch ID: **R80090**	TestNo: **EPA 7199**		Analysis Date: **5/18/2011**	SeqNo: **1268926**

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: **N005824-001AMS**	SampType: **MS**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80090**
Client ID: **ZZZZZZ**	Batch ID: **R80090**	TestNo: **EPA 7199**		Analysis Date: **5/18/2011**	SeqNo: **1268927**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.038	0.20	1.000	0	104	85	115				

Sample ID: **N005824-001AMSD**	SampType: **MSD**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80090**
Client ID: **ZZZZZZ**	Batch ID: **R80090**	TestNo: **EPA 7199**		Analysis Date: **5/18/2011**	SeqNo: **1268928**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.038	0.20	1.000	0	104	85	115	1.038	0.00328	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

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

CHAIN OF CUSTODY RECORD

DATE: 05-17-11

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_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

☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Cr(VI),(7199)	Comments
	EFF-05-17	Effluent	05-17-11	1540	WW	1	X	Temperature* = _____
								(Temp. as sampled*)
								Quarterly

Relinquished by: (Signature)	Received by: (Signature) FPDIWA	Date: 5/17/11	Time: 1447
Relinquished by: (Signature) FPDIWA	Received by: (Signature)	Date: 5/17/11	Time: 1516
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Revised: 01/31/11

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

CHAIN OF CUSTODY RECORD

DATE: 05-17-11

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_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
☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Cr(VI),(7199)	Comments
	EFF-05-17	Effluent	05-17-11	1540	WW	1	X	Temperature* = _____
								(Temp. as sampled)*
								Quarterly

Relinquished by: (Signature)	Received by: (Signature) FPDHA	Date: 5/17/11	Time: 1447
Relinquished by: (Signature) FPDHA	Received by: (Signature)	Date: 5/17/11	Time: 1516
Relinquished by: (Signature)	Received by: (Signature)	Date: 5/18/11	Time: 9:04

Revised: 01/31/11

8.0°C IR#2

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: 5/18/2011 Workorder: N005824

Rep sample Temp (Deg C): 3.0 IR Gun ID: 2

Temp Blank: ☐ Yes ☑ No

Carrier name: OnTrac

Last 4 digits of Tracking No.: 9188 Packing Material Used: Paper

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

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

Comments:

Checklist Completed B GG Reviewed By: M 5/18

OnTrac
On-Time Delivery For Less

800-334-5000
Call For A Pickup!

Account Number [redacted]

Date 05/17/11

1809188

B10241

LAS VI
COM 17 DF/2

18 lbs

FROM (Company)

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

ATL

Street Address

9151 W POST RD

Suite # City

LAS VEGAS

State Zip Code (Required) Phone Number

NV 89118 702-307-2654

Recipient's Name

MANUEL C.

Shipper's Ref. #

MAY MAIL 05/17/11

Service Options

*If no box is checked, Sunrise Service will be applied.
**Maximum charge weight is 300 lbs. - Delivery by 5:00 P.M.
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 $25,000)

Information

If none is selected, shipper will be invoiced.

- ☐ Bill Shipper's Account
- ☒ Bill Other Acct # [redacted]

Weight

- ☐ 8 oz. Letter or
- Weight lbs. (Subject to verification)

Dim weight charge if greater than actual weight

L in. X W in. X H in.

+225 = _____

- ☐ C.O.D. Amount $, Limit $10,000 (affix C.O.D. tag to package)
- ☐ Secured Payment (Money Order or Certified Check)
- ☐ Unsecured Payment (Company Check or Personal Check)

Driver #	Pick-up Time	Shipper's Signature
335	14:30	

Driver's Initials

Shipper's Name

CAMILA

June 24, 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.: N005982

RE: SFPP - Norwalk Site

Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on June 17, 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,

for gsgsonnuder

Jose Tenorio Jr.
Laboratory Director

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N005982

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 .

Analytical Comments for EPA 8260B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for 2-Butanone on QC samples possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

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: N005982
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N005982-001A	EFF-06-17	Waste Water	6/17/2011 9:30:00 AM	6/17/2011	
N005982-001B	EFF-06-17	Waste Water	6/17/2011 9:30:00 AM	6/17/2011	
N005982-001C	EFF-06-17	Waste Water	6/17/2011 9:30:00 AM	6/17/2011	
N005982-001D	EFF-06-17	Waste Water	6/17/2011 9:30:00 AM	6/17/2011	
N005982-001E	EFF-06-17	Waste Water	6/17/2011 9:30:00 AM	6/17/2011	
N005982-001F	EFF-06-17	Waste Water	6/17/2011 9:30:00 AM	6/17/2011	
N005982-001G	EFF-06-17	Waste Water	6/17/2011 9:30:00 AM	6/17/2011	

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: N005982
Project: SFPP - Norwalk Site
Lab ID: N005982-001

Client Sample ID: EFF-06-17
Collection Date: 6/17/2011 9:30:00 AM
Matrix: WASTE WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **GC4_110620A** QC Batch: **E11VW029**					PrepDate:		Analyst: **QBM**
TPH-Gasoline	ND	6.0	100		µg/L	1	6/20/2011
Surr: Chlorobenzene - d5	104	0	74-138		%REC	1	6/20/2011
ICP-MS METALS							
		EPA 3010A	**EPA 6020**				
RunID: **ICP7_110620A** QC Batch: **37126**					PrepDate: **6/20/2011**		Analyst: **JT**
Lead	0.88	0.021	1.0	J	µg/L	1	6/20/2011
ICP-MS METALS BY COLLISION/REACTION CELL							
		EPA 3010A	**EPA 6020**				
RunID: **ICP7_110620A** QC Batch: **37126**					PrepDate: **6/20/2011**		Analyst: **JT**
Copper	ND	0.34	1.0		µg/L	1	6/20/2011
Selenium	0.045	0.025	0.50	J	µg/L	1	6/20/2011
MERCURY BY COLD VAPOR TECHNIQUE							
			EPA 7470A				
RunID: **AA1_110620A** QC Batch: **37127**					PrepDate: **6/20/2011**		Analyst: **CEI**
Mercury	ND	0.023	0.050		µg/L	1	6/20/2011
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS1_110620A** QC Batch: **D11VW080**					PrepDate:		Analyst: **QBM**
1,1-Dichloroethane	ND	0.099	0.50		µg/L	1	6/20/2011 12:19 PM
1,2-Dichloroethane	ND	0.17	0.50		µg/L	1	6/20/2011 12:19 PM
2-Butanone	ND	1.0	10		µg/L	1	6/20/2011 12:19 PM
Benzene	ND	0.075	1.0		µg/L	1	6/20/2011 12:19 PM
Ethylbenzene	ND	0.051	1.0		µg/L	1	6/20/2011 12:19 PM
m,p-Xylene	ND	0.17	1.0		µg/L	1	6/20/2011 12:19 PM
MTBE	0.69	0.089	1.0	J	µg/L	1	6/20/2011 12:19 PM
o-Xylene	ND	0.077	1.0		µg/L	1	6/20/2011 12:19 PM
Toluene	ND	0.12	2.5		µg/L	1	6/20/2011 12:19 PM
Surr: 1,2-Dichloroethane-d4	105	0	72-119		%REC	1	6/20/2011 12:19 PM
Surr: 4-Bromofluorobenzene	109	0	76-119		%REC	1	6/20/2011 12:19 PM
Surr: Dibromofluoromethane	103	0	85-115		%REC	1	6/20/2011 12:19 PM
Surr: Toluene-d8	112	0	81-120		%REC	1	6/20/2011 12:19 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	**Client Sample ID:**	EFF-06-17
Lab Order:	N005982	**Collection Date:**	6/17/2011 9:30:00 AM
Project:	SFPP - Norwalk Site	**Matrix:**	WASTE WATER
Lab ID:	N005982-001		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
TOTAL NON-FILTERABLE RESIDUE							
			SM2540D				
RunID: **WETCHEM_110622B** QC Batch: **37141**					PrepDate: **6/22/2011**		Analyst: **CEI**
Suspended Solids (Residue, Non-Filterable)	ND	10	10		mg/L	1	6/22/2011
OIL & GREASE							
			EPA 1664 _HEM				
RunID: **WETCHEM_110620B** QC Batch: **37128**					PrepDate: **6/20/2011**		Analyst: **QBM**
Oil & Grease	ND	0.95	4.1		mg/L	1	6/20/2011

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: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.2_2540D_W

Sample ID: **MB-37141**	SampType: **MBLK**	TestCode: **160.2_2540D_**	Units: **mg/L**	Prep Date: **6/22/2011**	RunNo: **80483**
Client ID: **PBW**	Batch ID: **37141**	TestNo: **SM2540D**		Analysis Date: **6/22/2011**	SeqNo: **1279192**

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-37141**	SampType: **LCS**	TestCode: **160.2_2540D_**	Units: **mg/L**	Prep Date: **6/22/2011**	RunNo: **80483**
Client ID: **LCSW**	Batch ID: **37141**	TestNo: **SM2540D**		Analysis Date: **6/22/2011**	SeqNo: **1279193**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Suspended Solids (Residue, Non-Filtera	927.000	10	1000	0	92.7	80	120				

Sample ID: **N005982-001A-DUP**	SampType: **DUP**	TestCode: **160.2_2540D_**	Units: **mg/L**	Prep Date: **6/22/2011**	RunNo: **80483**
Client ID: **ZZZZZZ**	Batch ID: **37141**	TestNo: **SM2540D**		Analysis Date: **6/22/2011**	SeqNo: **1279195**

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	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: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_HEM_W

Sample ID: **MB-37128**	SampType: **MBLK**	TestCode: **1664_HEM_W**	Units: **mg/L**	Prep Date: **6/20/2011**	RunNo: **80450**
Client ID: **PBW**	Batch ID: **37128**	TestNo: **EPA 1664 _H**		Analysis Date: **6/20/2011**	SeqNo: **1278274**

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-37128**	SampType: **LCS**	TestCode: **1664_HEM_W**	Units: **mg/L**	Prep Date: **6/20/2011**	RunNo: **80450**
Client ID: **LCSW**	Batch ID: **37128**	TestNo: **EPA 1664 _H**		Analysis Date: **6/20/2011**	SeqNo: **1278275**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	36.300	4.0	40.00	0	90.8	78	114				

Sample ID: **N005951-001CMS**	SampType: **MS**	TestCode: **1664_HEM_W**	Units: **mg/L**	Prep Date: **6/20/2011**	RunNo: **80450**
Client ID: **ZZZZZZ**	Batch ID: **37128**	TestNo: **EPA 1664 _H**		Analysis Date: **6/20/2011**	SeqNo: **1278279**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	37.320	4.1	41.24	0	90.5	78	114				

Sample ID: **N005951-001CMSD**	SampType: **MSD**	TestCode: **1664_HEM_W**	Units: **mg/L**	Prep Date: **6/20/2011**	RunNo: **80450**
Client ID: **ZZZZZZ**	Batch ID: **37128**	TestNo: **EPA 1664 _H**		Analysis Date: **6/20/2011**	SeqNo: **1278280**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	36.392	4.1	41.24	0	88.3	78	114	37.32	2.52	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

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

CLIENT: CH2M HILL
Work Order: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_W

Sample ID: **MB-37126**	SampType: **MBLK**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80448**
Client ID: **PBW**	Batch ID: **37126**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **6/20/2011**	SeqNo: **1278220**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.025	1.0									J

Sample ID: **LCS-37126**	SampType: **LCS**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80448**
Client ID: **LCSW**	Batch ID: **37126**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **6/20/2011**	SeqNo: **1278221**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.728	1.0	10.00	0	97.3	85	115				

Sample ID: **N005982-001G-MS**	SampType: **MS**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80448**
Client ID: **ZZZZZZ**	Batch ID: **37126**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **6/20/2011**	SeqNo: **1278225**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.529	1.0	10.00	0	105	75	125				

Sample ID: **N005982-001G-MSD**	SampType: **MSD**	TestCode: **6020_W**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80448**
Client ID: **ZZZZZZ**	Batch ID: **37126**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **6/20/2011**	SeqNo: **1278226**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.439	1.0	10.00	0	104	75	125	10.53	0.858	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: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_W_DRC

Sample ID: **MB-37126**	SampType: **MBLK**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80448**
Client ID: **PBW**	Batch ID: **37126**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **6/20/2011**	SeqNo: **1278213**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	1.0									
Selenium	0.037	0.50									J

Sample ID: **LCS-37126**	SampType: **LCS**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80448**
Client ID: **LCSW**	Batch ID: **37126**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **6/20/2011**	SeqNo: **1278214**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	9.665	1.0	10.00	0	96.7	85	115				
Selenium	9.281	0.50	10.00	0	92.8	85	115				

Sample ID: **N005982-001G-MS**	SampType: **MS**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80448**
Client ID: **ZZZZZZ**	Batch ID: **37126**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **6/20/2011**	SeqNo: **1278217**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	6.861	1.0	10.00	0	68.6	75	125				S
Selenium	8.440	0.50	10.00	0.04500	84.0	75	125				

Sample ID: **N005982-001G-MSD**	SampType: **MSD**	TestCode: **6020_W_DRC**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80448**
Client ID: **ZZZZZZ**	Batch ID: **37126**	TestNo: **EPA 6020**	**EPA 3010A**	Analysis Date: **6/20/2011**	SeqNo: **1278218**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	7.030	1.0	10.00	0	70.3	75	125	6.861	2.43	20	S
Selenium	8.461	0.50	10.00	0.04500	84.2	75	125	8.440	0.249	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: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W_LL

Sample ID: **LCS-37127**	SampType: **LCS**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80443**
Client ID: **LCSW**	Batch ID: **37127**	TestNo: **EPA 7470A**		Analysis Date: **6/20/2011**	SeqNo: **1278115**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.545	0.050	2.500	0	102	85	115				

Sample ID: **MB-37127**	SampType: **MBLK**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80443**
Client ID: **PBW**	Batch ID: **37127**	TestNo: **EPA 7470A**		Analysis Date: **6/20/2011**	SeqNo: **1278116**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.050									

Sample ID: **N005982-001G-MS**	SampType: **MS**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80443**
Client ID: **ZZZZZZ**	Batch ID: **37127**	TestNo: **EPA 7470A**		Analysis Date: **6/20/2011**	SeqNo: **1278118**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.429	0.050	2.500	0	97.1	75	125				

Sample ID: **N005982-001G-MSD**	SampType: **MSD**	TestCode: **7470_W_LL**	Units: **µg/L**	Prep Date: **6/20/2011**	RunNo: **80443**
Client ID: **ZZZZZZ**	Batch ID: **37127**	TestNo: **EPA 7470A**		Analysis Date: **6/20/2011**	SeqNo: **1278119**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.404	0.050	2.500	0	96.1	75	125	2.429	1.03	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: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GSFPP

Sample ID: **E110620LCS**	SampType: **LCS**	TestCode: **8015_W_GSF**	Units: **µg/L**	Prep Date:	RunNo: **80451**
Client ID: **LCSW**	Batch ID: **E11VW029**	TestNo: **EPA 8015B**		Analysis Date: **6/20/2011**	SeqNo: **1278297**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	896.000	100	1000	0	89.6	67	136				
Surr: Chlorobenzene - d5	46.758		50.00		93.5	74	138				

Sample ID: **E110620MB1**	SampType: **MBLK**	TestCode: **8015_W_GSF**	Units: **µg/L**	Prep Date:	RunNo: **80451**
Client ID: **PBW**	Batch ID: **E11VW029**	TestNo: **EPA 8015B**		Analysis Date: **6/20/2011**	SeqNo: **1278298**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	ND	100									
Surr: Chlorobenzene - d5	52.665		50.00		105	74	138				

Sample ID: **N005982-001CMS**	SampType: **MS**	TestCode: **8015_W_GSF**	Units: **µg/L**	Prep Date:	RunNo: **80451**
Client ID: **ZZZZZZ**	Batch ID: **E11VW029**	TestNo: **EPA 8015B**		Analysis Date: **6/20/2011**	SeqNo: **1278299**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	881.000	100	1000	0	88.1	67	136				
Surr: Chlorobenzene - d5	47.392		50.00		94.8	74	138				

Sample ID: **N005982-001CMSD**	SampType: **MSD**	TestCode: **8015_W_GSF**	Units: **µg/L**	Prep Date:	RunNo: **80451**
Client ID: **ZZZZZZ**	Batch ID: **E11VW029**	TestNo: **EPA 8015B**		Analysis Date: **6/20/2011**	SeqNo: **1278300**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-Gasoline	843.000	100	1000	0	84.3	67	136	881.0	4.41	30	
Surr: Chlorobenzene - d5	47.237		50.00		94.5	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

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

CLIENT: CH2M HILL
Work Order: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **D110620LCS** SampType: **LCS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80446**
Client ID: **LCSW** Batch ID: **D11VW080** TestNo: **EPA 8260B** Analysis Date: **6/20/2011** SeqNo: **1278167**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	23.970	0.50	25.00	0	95.9	69	133				
1,2-Dichloroethane	27.040	0.50	25.00	0	108	69	132				
2-Butanone	250.590	10	250.0	0	100	49	136				
Benzene	23.390	1.0	25.00	0	93.6	81	122				
Ethylbenzene	25.220	1.0	25.00	0	101	73	127				
m,p-Xylene	53.340	1.0	50.00	0	107	76	128				
MTBE	19.730	1.0	25.00	0	78.9	65	123				
o-Xylene	25.110	1.0	25.00	0	100	80	121				
Toluene	24.330	2.5	25.00	0	97.3	77	122				
Surr: 1,2-Dichloroethane-d4	25.340		25.00		101	72	119				
Surr: 4-Bromofluorobenzene	24.510		25.00		98.0	76	119				
Surr: Dibromofluoromethane	25.670		25.00		103	85	115				
Surr: Toluene-d8	24.560		25.00		98.2	81	120				

Sample ID: **N005962-015AMS** SampType: **MS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80446**
Client ID: **ZZZZZZ** Batch ID: **D11VW080** TestNo: **EPA 8260B** Analysis Date: **6/20/2011** SeqNo: **1278168**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	24.270	0.50	25.00	0	97.1	69	133				
1,2-Dichloroethane	26.180	0.50	25.00	0	105	69	132				
2-Butanone	110.450	10	250.0	0	44.2	49	136				S
Benzene	23.970	1.0	25.00	0	95.9	81	122				
Ethylbenzene	26.190	1.0	25.00	0	105	73	127				
m,p-Xylene	55.560	1.0	50.00	0	111	76	128				
MTBE	20.460	1.0	25.00	0	81.8	65	123				
o-Xylene	26.210	1.0	25.00	0	105	80	121				
Toluene	25.250	2.5	25.00	0	101	77	122				
Surr: 1,2-Dichloroethane-d4	24.880		25.00		99.5	72	119				
Surr: 4-Bromofluorobenzene	25.970		25.00		104	76	119				
Surr: Dibromofluoromethane	25.930		25.00		104	85	115				

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

CLIENT: CH2M HILL
Work Order: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **N005962-015AMS** SampType: **MS** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80446**
Client ID: **ZZZZZZ** Batch ID: **D11VW080** TestNo: **EPA 8260B** Analysis Date: **6/20/2011** SeqNo: **1278168**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	25.310		25.00		101	81	120				

Sample ID: **N005962-015AMSD** SampType: **MSD** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80446**
Client ID: **ZZZZZZ** Batch ID: **D11VW080** TestNo: **EPA 8260B** Analysis Date: **6/20/2011** SeqNo: **1278169**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	23.550	0.50	25.00	0	94.2	69	133	24.27	3.01	20	
1,2-Dichloroethane	25.150	0.50	25.00	0	101	69	132	26.18	4.01	20	
2-Butanone	95.360	10	250.0	0	38.1	49	136	110.4	14.7	20	S
Benzene	23.800	1.0	25.00	0	95.2	81	122	23.97	0.712	20	
Ethylbenzene	26.090	1.0	25.00	0	104	73	127	26.19	0.383	20	
m,p-Xylene	54.470	1.0	50.00	0	109	76	128	55.56	1.98	20	
MTBE	19.250	1.0	25.00	0	77.0	65	123	20.46	6.09	20	
o-Xylene	25.650	1.0	25.00	0	103	80	121	26.21	2.16	20	
Toluene	24.950	2.5	25.00	0	99.8	77	122	25.25	1.20	20	
Surr: 1,2-Dichloroethane-d4	23.200		25.00		92.8	72	119		0		
Surr: 4-Bromofluorobenzene	24.810		25.00		99.2	76	119		0		
Surr: Dibromofluoromethane	24.790		25.00		99.2	85	115		0		
Surr: Toluene-d8	24.770		25.00		99.1	81	120		0		

Sample ID: **D110620MB2** SampType: **MBLK** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80446**
Client ID: **PBW** Batch ID: **D11VW080** TestNo: **EPA 8260B** Analysis Date: **6/20/2011** SeqNo: **1278170**

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									
Ethylbenzene	ND	1.0									
m,p-Xylene	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: N005982
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_SFPP

Sample ID: **D110620MB2** SampType: **MBLK** TestCode: **8260_WP_SF** Units: **µg/L** Prep Date: RunNo: **80446**
Client ID: **PBW** Batch ID: **D11VW080** TestNo: **EPA 8260B** Analysis Date: **6/20/2011** SeqNo: **1278170**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	1.0									
o-Xylene	ND	1.0									
Toluene	ND	2.5									
Surr: 1,2-Dichloroethane-d4	28.430		25.00		114	72	119				
Surr: 4-Bromofluorobenzene	27.340		25.00		109	76	119				
Surr: Dibromofluoromethane	25.930		25.00		104	85	115				
Surr: Toluene-d8	27.930		25.00		112	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

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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)

CHAIN OF CUSTODY RECORD

DATE: 06-17-11

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_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
☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Oil & Grease (1664)	TPH-g (C5-C14 Only) (8015B (M))	BTEX;1,1-DCA;1,2-DCA;MEK(8260B)	Settleable Solids (2540F)	Total Suspended Solids (2540D)	Phenolics (420.1)	Cr(VI) Cu(7196,8020) J0	Se (6020) 24 HR TAT	Hg (7470A) 24 HR TAT	MTBE (8260B) 24 Hour TAT			Comments
	EFF- 06-17	Effluent	06/17/11	0950	WW	~~14~~ 13	X	X	X	X	X	X	X	X	X	X			Temperature* = ____
																			Temperature* = ____
																			(Temp. as sampled)*
																			Monthly

Relinquished by: (Signature)	Received by: (Signature)	Date: 6/17/11	Time: 2:50 PM
Relinquished by: (Signature)	Received by: (Signature)	Date: 6/17/11	Time: 9:22
Relinquished by: (Signature) ONTRAC	Received by: (Signature)	Date: 6/18/11	Time: 11:35 AM

Revised: 04/27/2011

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)

CHAIN OF CUSTODY RECORD

DATE: 06-17-11

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_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

☐ SAME DAY ■ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Oil & Grease (1664)	TPH-g (C5-C14 Only) (8015B (M))	BTEX;1,1-DCA;1,2-DCA;MEK(8260B)	Settleable Solids (2540F)	Total Suspended Solids (2540D)	Phenolics (420.1)	Cr(VI), Cu, Pb (7196, 6020)	Se (6020) 24 HR TAT	Hg (7470A) 24 HR TAT	MTBE (8260B) 24 Hour TAT			Comments
	EFF-06-17	Effluent	06-17-11	0930	WW	14	X	X	X	X	X	X	X	X	X	X			Temperature* = ____
						13													Temperature* = ____
																			(Temp. as sampled*)
																			Monthly

Relinquished by: (Signature)	Received by: (Signature)	Date: 6/17/11	Time: 2:50 PM
Relinquished by: (Signature)	Received by: (Signature)	Date: 6/17/11	Time: 7:27
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Revised: 04/27/2011

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

17-Jun-11

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests EPA 420.1	Requested Tests SM2540F
N005982-001E / EFF-06-17	Waste Water	6/17/2011 3:51:15 PM	32OZG		1
N005982-001F / EFF-06-17	Waste Water	6/17/2011 3:51:15 PM	32OZG	1	

0930 AM

General Comments: Please email sample receipt acknowledgement to the PM.
Please use PO# N005982: Please email results by: 5 day TAT

	Date/Time		Date/Time
Relinquished by:	6/17/11	**Received by:**	
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:	6/18/2011	Workorder:	N005982
Rep sample Temp (Deg C):	4.2	IR Gun ID:	2
Temp Blank:	☑ Yes ☐ No		
Carrier name:	OnTrac		
Last 4 digits of Tracking No.:	9160	Packing Material Used:	Bubble Wrap
Cooling process:	☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None		

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

Comments: adjusted the pH of metals,O&G samples to <2

Checklist Completed By: JT

Reviewed By: NS 6/20/11

Advanced Technology Laboratories, Inc.
3151 W. Post Road, Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

OnTrac
On Time Delivery For Less

800-334-5000
Call For A Pickup!

Account Number [redacted] B10241809160

Date 09/09/11

B10241809160

FROM (Company): ENVIRO TREATMENT & TECHNOLOGY

Street Address: 3875 WALNUT AVE STE

City: SIGNAL HILL

State: CA Zip Code (Required): 90755 Phone Number: [redacted]

PLEASE PRINT IN BLOCK LETTERS with Blue / Black Ink

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

Street Address: 2151 W PORTER RD

Suite #: [redacted] City: LAS VEGAS

State: NV Zip Code (Required): 89115 Phone Number: 702-307-2659

Recipient's Name: DARWIN

Shipper's Ref. #: CAM HWY 127

Service Options

*If no box is checked, Sunrise Service will be applied.
**Maximum charge weight is 300 lbs. - Delivery by 5:00 P.M.
Note: delivery times for all services may be later in some areas. Check service guide or visit our website for details.

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

Billing Information

If none is selected, shipper will be invoiced.

- [ ] Bill Shipper's Account
- [ ] Bill Other Acct # [redacted]

Weight

- [ ] 8 oz. Letter or

Weight lbs. (Subject to verification)

Dim weight charge if greater than actual weight

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

- [ ] C.O.D. Amount $, Limit $10,000 (affix C.O.D. tag to package)
- [ ] Secured Payment (Money Order or Certified Check)
- [ ] Unsecured Payment (Company Check or Personal Check)

Driver # 055 | Pick-up Time | Shipper's Signature

Driver's Initials | Shipper's Name: [redacted]


CUS

June 24, 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.: 118504

RE:

Attention: Marlon Cartin

Enclosed are the results for sample(s) received on June 17, 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,

for Eddie F. Rodriguez
Laboratory Director

CLIENT:	Advanced Technology Laboratory-Las Vega	**Client Sample ID:**	N005982-001E / EFF-06-17
Lab Order:	118504	**Collection Date:**	6/17/2011 9:30:00 AM
Project:		**Matrix:**	WASTEWATER
Lab ID:	118504-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SETTLEABLE MATTER						
		SM2540F				
RunID: WETCHEM_110620C	QC Batch: 73747			PrepDate: 6/17/2011	Analyst: **PT**	
Settleable Matter	ND	0.10		ml/L	1	6/17/2011 04:37 PM

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		

CLIENT:	Advanced Technology Laboratory-Las Vega	**Client Sample ID:**	N005982-001F / EFF-06-17
Lab Order:	118504	**Collection Date:**	6/17/2011 9:30:00 AM
Project:		**Matrix:**	WASTEWATER
Lab ID:	118504-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PHENOLICS						
		EPA 420.1				
RunID: WETCHEM3_110620B	QC Batch: 73743			PrepDate:	6/20/2011	Analyst: **AAG**
Phenolics, Total Recoverable	ND	0.030		mg/L	1	6/20/2011

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		

CLIENT: Advanced Technology Laboratory-Las Vegas
Work Order: 118504
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 2540F_CH2

Sample ID: **MB-73747** SampType: **MBLK** TestCode: **2540F_CH2** Units: **ml/L** Prep Date: **6/17/2011** RunNo: **134195**
Client ID: **PBW** Batch ID: **73747** TestNo: **SM2540F** Analysis Date: **6/17/2011** SeqNo: **2196361**

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	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		

CLIENT: Advanced Technology Laboratory-Las Vegas
Work Order: 118504
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 420.1_W_CH2

Sample ID: **118492-001C-MS**	SampType: **MS**	TestCode: **420.1_W_CH2**	Units: **mg/L**	Prep Date: **6/20/2011**	RunNo: **134232**
Client ID: **ZZZZZZ**	Batch ID: **73743**	TestNo: **EPA 420.1**		Analysis Date: **6/20/2011**	SeqNo: **2193713**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.457	0.030	2.500	0	98.3	80	120				

Sample ID: **118492-001C-MSD**	SampType: **MSD**	TestCode: **420.1_W_CH2**	Units: **mg/L**	Prep Date: **6/20/2011**	RunNo: **134232**
Client ID: **ZZZZZZ**	Batch ID: **73743**	TestNo: **EPA 420.1**		Analysis Date: **6/20/2011**	SeqNo: **2193714**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.457	0.030	2.500	0	98.3	80	120	2.457	0	20	

Sample ID: **LCS-73743**	SampType: **LCS**	TestCode: **420.1_W_CH2**	Units: **mg/L**	Prep Date: **6/20/2011**	RunNo: **134232**
Client ID: **LCSW**	Batch ID: **73743**	TestNo: **EPA 420.1**		Analysis Date: **6/20/2011**	SeqNo: **2193716**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	2.387	0.030	2.500	0	95.5	80	120				

Sample ID: **MB-73743**	SampType: **MBLK**	TestCode: **420.1_W_CH2**	Units: **mg/L**	Prep Date: **6/20/2011**	RunNo: **134232**
Client ID: **PBW**	Batch ID: **73743**	TestNo: **EPA 420.1**		Analysis Date: **6/20/2011**	SeqNo: **2193717**

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

17-Jun-11

118504 - 1
-2

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests EPA 420.1	Requested Tests SM2540F
N005982-001E / EFF-06-17	Waste Water	6/17/2011 3:51:15 PM	32OZG		1
N005982-001F / EFF-06-17	Waste Water	6/17/2011 3:51:15 PM	32OZG	1	

0930 AM

General Comments: Please email sample receipt acknowledgement to the PM.
Please use PO# N005982: Please email results by: 5 day TAT

		Date/Time			Date/Time
Relinquished by:		6/17/11	**Received by:**		6/17/11
Relinquished by:			**Received by:**		

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]

CHAIN OF CUSTODY RECORD

DATE:

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_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
☐ SAME DAY ☐ 24 HR ☐ 48HR ■ 72 HR ☐ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS
Report to D. Jablonski/CH2M HILL (djablon1@ch2m.com)
Report to S. Duffy/CH2M HILL (Sduffy@ch2m.com)
"J" flags required/Use lowest possible detection limit - all methods.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	VOCs plus oxygenates (8260B)	TPH gas (8015M)	TPH diesel (8015M)	Comments
	IDW1_06172011	Baker Tank	6/17/2011	1000	W	7	X	X	X	Temperature* = _____
										(Temp. as sampled*)
										Attention: Marlon Cartin

Relinquished by: (Signature)	Received by: (Signature)	Date: 6/17/11	Time: 2:50 PM
Relinquished by: (Signature)	Received by: (Signature)	Date: 6/17/11	Time: 3PM
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Revised: 06/16/2011

CHAIN OF CUSTODY RECORD

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.

FOR LABORATORY USE ONLY

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:
Address: 3151 W Post Rd.
City: Las Vegas State: NV Zip Code: 89118
Tel: (702) 307-2659
Fax:
Project Name: CH2M Hill -Norwalk
Project #:
Sampler: (Signature)

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:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Addr:
City: State: Zip:

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

Special Instructions/Comments:
15 min Shipping Time

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)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

PRESERVATION

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐ Logcode_____
OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample ID / Location	Date	Time	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	SEDIMENT	SOLID	SOIL	DRINKING WATER	GROUND WATER	WASTEWATER	STORMWATER	AQUEOUS	TAT	Container(s) #	Container(s) Type	REMARKS
	11 Norwalk -N1	-	6/17/2011									x												

- TAT starts 8AM the following day if samples received after 5 PM

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 P=Plastic M=Metal

Preservatives:
H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C
$Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

June 24, 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.: N006009

RE: SFPP - Norwalk Site

Attention: Daniel Jablonski

Enclosed are the results for sample(s) received on June 23, 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,

for gsyconnordt

Jose Tenorio Jr.
Laboratory Director

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006009

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Sample was 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.

Sample was 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.

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

Advanced Technology Laboratories, Inc.

Date: *24-Jun-11*

CLIENT: CH2M HILL
Project: SFPP - Norwalk Site
Lab Order: N006009
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N006009-001A	EFF-062311	Water	6/23/2011 1:00:00 PM	6/23/2011	

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: *24-Jun-11*

CLIENT:	CH2M HILL	**Client Sample ID:**	EFF-062311
Lab Order:	N006009	**Collection Date:**	6/23/2011 1:00:00 PM
Project:	SFPP - Norwalk Site	**Matrix:**	WATER
Lab ID:	N006009-001A		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC							
			EPA 7199				
RunID: **IC1_110624A**	QC Batch: **R80512**				PrepDate:		Analyst: **QBM**
Hexavalent Chromium	ND	0.028	0.20		µg/L	1	6/24/2011 11:11 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 interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: CH2M HILL
Work Order: N006009
Project: SFPP - Norwalk Site

ANALYTICAL QC SUMMARY REPORT

TestCode: 7199_WPGE

Sample ID: **MB-R80512**	SampType: **MBLK**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80512**
Client ID: **PBW**	Batch ID: **R80512**	TestNo: **EPA 7199**		Analysis Date: **6/24/2011**	SeqNo: **1279698**

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-R80512**	SampType: **LCS**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80512**
Client ID: **LCSW**	Batch ID: **R80512**	TestNo: **EPA 7199**		Analysis Date: **6/24/2011**	SeqNo: **1279699**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.981	0.20	5.000	0	99.6	90	110				

Sample ID: **N006009-001ADUP**	SampType: **DUP**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80512**
Client ID: **ZZZZZZ**	Batch ID: **R80512**	TestNo: **EPA 7199**		Analysis Date: **6/24/2011**	SeqNo: **1279701**

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: **N006009-001AMS**	SampType: **MS**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80512**
Client ID: **ZZZZZZ**	Batch ID: **R80512**	TestNo: **EPA 7199**		Analysis Date: **6/24/2011**	SeqNo: **1279702**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.047	0.20	1.000	0	105	85	115				

Sample ID: **N006009-001AMSD**	SampType: **MSD**	TestCode: **7199_WPGE**	Units: **µg/L**	Prep Date:	RunNo: **80512**
Client ID: **ZZZZZZ**	Batch ID: **R80512**	TestNo: **EPA 7199**		Analysis Date: **6/24/2011**	SeqNo: **1279705**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	1.058	0.20	1.000	0	106	85	115	1.047	1.08	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

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)

CHAIN OF CUSTODY RECORD

DATE: 6/23/11

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_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

☐ SAME DAY ☒ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Hex Chrome	Comments
	EFF-062311	Effluent	6/23/11	1300	WW	1	X	

Relinquished by: (Signature)	Received by: (Signature) to fridge @ Norwalk	Date: 6/23/11	Time: 1310
Relinquished by: (Signature)	Received by: (Signature) Marlon Cartin	Date: 6/23/11	Time: 1315
Relinquished by: (Signature)	Received by: (Signature) FROM	Date: 6/23/11	Time: 1336

Revised: 04/27/2011

6/23/11 6/24/11 8:45

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:	6/24/2011	Workorder:	N006009
Rep sample Temp (Deg C):	5.8	IR Gun ID:	IR#1
Temp Blank:	Yes ✔ No		
Carrier name:	CA Overnight		
Last 4 digits of Tracking No.:	1262	Packing Material Used:	None
Cooling process:	✔ Ice Ice Pack Dry Ice Other None		

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

Comments:

Checklist Completed By GG

Reviewed By:

OnTrac
On Time. Delivery For Less.

800-334-5000
Call For A Pickup!

Account Number [redacted] B10246441262

Date [redacted]

B10246441262

FROM (Company)
ENVIRO TREATMENT & TECHNOLOGY

Street Address
3275 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
ATL

Street Address
2191 D POST RD

Suite # | City LAS VEGAS

State NV | Zip Code (Required) 89119 | Phone Number 702-302-2459

Recipient's Name
CAMPUS RECEIVING

Shipper's Ref. #
CAM HVL 08/2011

Service Options
*If no box is checked, Sunrise Service will be applied.
**Minimum charge weight is 300 lbs. - Delivery by 5:00 P.M.
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 $25,000) [redacted]

Billing Information
If none is selected, shipper will be invoiced.

- ☐ Bill Shipper's Account
- ☐ Bill Other Acct # [redacted]

Weight
- ☐ 8 oz. Letter or
- Weight lbs. (Subject to verification)

Dim weight charge if greater than actual weight
L in. X W in. X H in.
÷225 = ____

- ☐ C.O.D. Amount $, Limit $10,000 (affix C.O.D. tag to package)
- ☐ Secured Payment (Money Order or Certified Check)
- ☐ Unsecured Payment (Company Check or Personal Check)

Driver #	Pick-up Time	Shipper's Signature
[redacted]	[redacted]	

Driver's Initials	Shipper's Name
[redacted]	[redacted]

aquatic bioassay & consulting laboratories, inc

July 13, 2011

Mr. Marlon Cartin
Advanced Technology Laboratories
3151 W. Post Road
Las Vegas, NV 89118

Dear Mr. Cartin:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms. EPA-821-R-02-013.* "All acceptability criteria were met and the concentration-response was normal. This is a valid test." Results were as follows:

CLIENT:	Advanced Technology Laboratories
SAMPLE I.D.:	UCC-06-29
DATE RECEIVED:	30 June - 11
ABC LAB. NO.:	ATL0611.333

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Scott Johnson
Laboratory Director

Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611333	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	UCC-06-29				

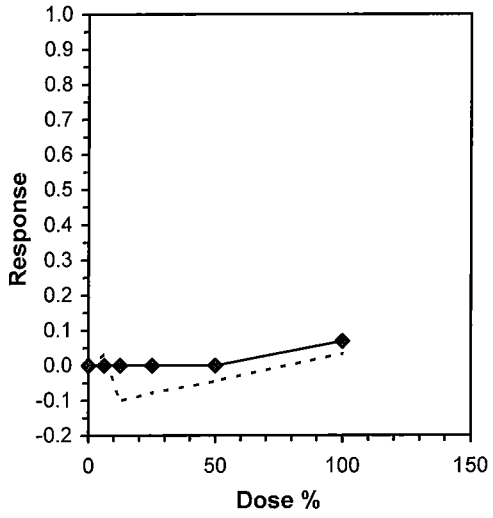
Conc-%	1	2	3	4
N Control	1331000	1308000	1280000	1281000
6.25	1342000	1262000	1224000	1199000
12.5	1452000	1375000	1440000	1457000
25	1414000	1378000	1402000	1415000
50	1403000	1396000	1340000	1292000
100	1246000	1234000	1249000	1299000

			Transform: Untransformed					1-Tailed			Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	1300000	1.0000	1300000	1280000	1331000	1.877	4				1349550	1.0000
6.25	1256750	0.9667	1256750	1199000	1342000	4.970	4	1.515	2.410	68799.1	1349550	1.0000
12.5	1431000	1.1008	1431000	1375000	1457000	2.656	4	-4.589	2.410	68799.1	1349550	1.0000
25	1402250	1.0787	1402250	1378000	1415000	1.227	4	-3.582	2.410	68799.1	1349550	1.0000
50	1357750	1.0444	1357750	1292000	1403000	3.839	4	-2.023	2.410	68799.1	1349550	1.0000
100	1257000	0.9669	1257000	1234000	1299000	2.286	4	1.506	2.410	68799.1	1257000	0.9314

Auxiliary Tests					Statistic		Critical		Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)					0.98019		0.884		0.17456	0.23391
Bartlett's Test indicates equal variances (p = 0.34)					5.6544		15.0863			
Hypothesis Test (1-tail, 0.05)	**NOEC**	**LOEC**	**ChV**	**TU**	**MSDu**	**MSDp**	**MSB**	**MSE**	**F-Prob**	**df**
Dunnett's Test	100	>100		1	68799.1	0.05292	2.2E+10	1.6E+09	1.4E-05	5, 18
Treatments vs N Control										

Linear Interpolation (200 Resamples)

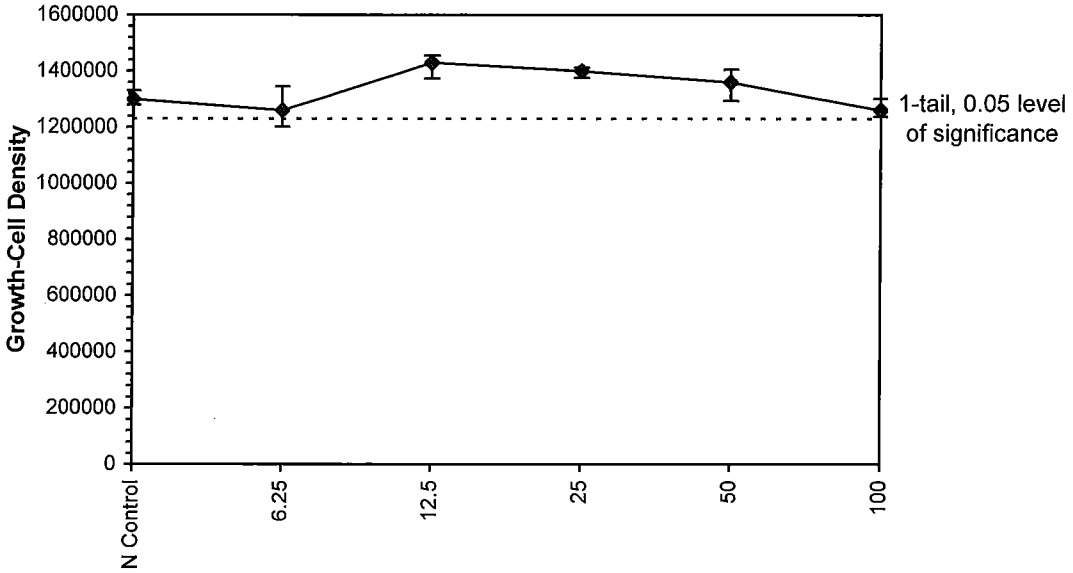
Point	%	SD	95% CL(Exp)	Skew
IC05	86.455			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611333	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	UCC-06-29				

Dose-Response Plot



Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611333	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	UCC-06-29				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	25.07	25.00	25.10	0.06	0.96	3
6.25		25.07	25.00	25.10	0.06	0.96	3
12.5		25.07	25.00	25.10	0.06	0.96	3
25		25.07	25.00	25.10	0.06	0.96	3
50		25.07	25.00	25.10	0.06	0.96	3
100		25.07	25.00	25.10	0.06	0.96	3
N Control	pH	7.87	7.80	7.90	0.06	3.05	3
6.25		7.87	7.80	7.90	0.06	3.05	3
12.5		7.87	7.80	7.90	0.06	3.05	3
25		7.87	7.80	7.90	0.06	3.05	3
50		7.93	7.90	8.00	0.06	3.03	3
100		7.97	7.90	8.00	0.06	3.02	3
N Control	Hardness mg/l	105.00	105.00	105.00	0.00	0.00	3
6.25		130.00	130.00	130.00	0.00	0.00	3
12.5		168.00	168.00	168.00	0.00	0.00	3
25		204.00	204.00	204.00	0.00	0.00	3
50		250.00	250.00	250.00	0.00	0.00	3
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Alkalinity mg/l	80.00	80.00	80.00	0.00	0.00	3
6.25		79.00	79.00	79.00	0.00	0.00	3
12.5		100.00	100.00	100.00	0.00	0.00	3
25		124.00	124.00	124.00	0.00	0.00	3
50		181.00	181.00	181.00	0.00	0.00	3
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Conductivity	481.67	461.00	499.00	19.22	0.91	3
6.25		535.67	528.00	542.00	7.09	0.50	3
12.5		580.00	578.00	583.00	2.65	0.28	3
25		757.33	742.00	768.00	13.61	0.49	3
50		1100.00	1085.00	1130.00	25.98	0.46	3
100		1765.00	1745.00	1802.00	32.08	0.32	3

aquatic bioassay & consulting laboratories, inc

July 13, 2011

Mr. Marlon Cartin
Advanced Technology Laboratories
3151 W. Post Road
Las Vegas, NV 89118

Dear Mr. Cartin:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms. EPA-821-R-02-013.* "All acceptability criteria were met and the concentration-response was normal. This is a valid test." Results were as follows:

CLIENT:	Advanced Technology Laboratories
SAMPLE I.D.:	DCC-06-29
DATE RECEIVED:	30 June - 11
ABC LAB. NO.:	ATL0611.334

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Scott Johnson
Laboratory Director

Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611334	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	DCC-06-29				

Conc-%	1	2	3	4
N Control	1331000	1308000	1280000	1281000
6.25	1383000	1321000	1352000	1283000
12.5	1561000	1369000	1446000	1359000
25	1525000	1389000	1491000	1435000
50	1424000	1311000	1398000	1417000
100	1242000	1207000	1230000	1167000

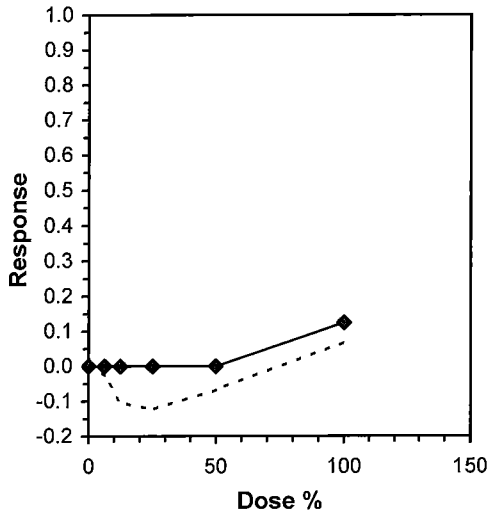
			Transform: Untransformed					1-Tailed			Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	1300000	1.0000	1300000	1280000	1331000	1.877	4				1383200	1.0000
6.25	1334750	1.0267	1334750	1283000	1383000	3.206	4	-0.884	2.410	94789.5	1383200	1.0000
12.5	1433750	1.1029	1433750	1359000	1561000	6.508	4	-3.401	2.410	94789.5	1383200	1.0000
25	1460000	1.1231	1460000	1389000	1525000	4.119	4	-4.068	2.410	94789.5	1383200	1.0000
50	1387500	1.0673	1387500	1311000	1424000	3.760	4	-2.225	2.410	94789.5	1383200	1.0000
100	1211500	0.9319	1211500	1167000	1242000	2.726	4	2.250	2.410	94789.5	1211500	0.8759

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.95258	0.884	0.34635	0.52536
Bartlett's Test indicates equal variances (p = 0.33)	5.71589	15.0863		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test Treatments vs N Control	100	>100		1	94789.5	0.07292	3.4E+10	3.1E+09	5.9E-05	5, 18

Linear Interpolation (200 Resamples)

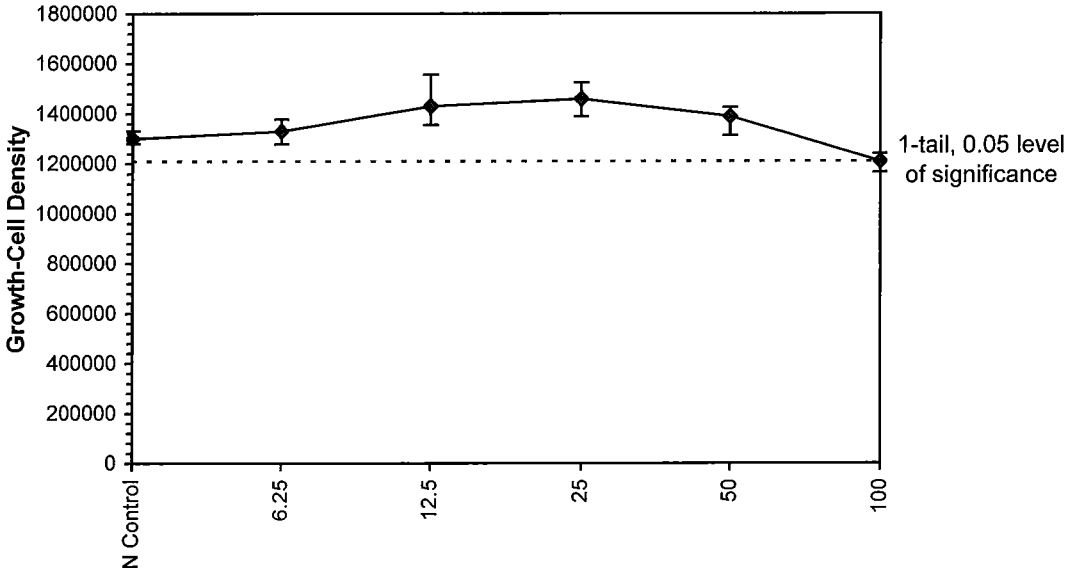
Point	%	SD	95% CL(Exp)		Skew
IC05	70.140	3.951	54.234	77.981	-1.4318
IC10	90.280				
IC15	>100				
IC20	>100				
IC25	>100				
IC40	>100				
IC50	>100				



Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611334	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	DCC-06-29				

Dose-Response Plot



Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611334	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	DCC-06-29				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	25.07	25.00	25.10	0.06	0.96	3
6.25		25.07	25.00	25.10	0.06	0.96	3
12.5		25.07	25.00	25.10	0.06	0.96	3
25		25.07	25.00	25.10	0.06	0.96	3
50		25.07	25.00	25.10	0.06	0.96	3
100		25.07	25.00	25.10	0.06	0.96	3
N Control	pH	7.87	7.80	7.90	0.06	3.05	3
6.25		7.90	7.90	7.90	0.00	0.00	3
12.5		7.90	7.90	7.90	0.00	0.00	3
25		7.90	7.90	7.90	0.00	0.00	3
50		7.93	7.90	8.00	0.06	3.03	3
100		7.97	7.90	8.00	0.06	3.02	3
N Control	Hardness mg/l	105.00	105.00	105.00	0.00	0.00	3
6.25		140.00	140.00	140.00	0.00	0.00	3
12.5		169.00	169.00	169.00	0.00	0.00	3
25		208.00	208.00	208.00	0.00	0.00	3
50		250.00	250.00	250.00	0.00	0.00	3
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Alkalinity mg/l	80.00	80.00	80.00	0.00	0.00	3
6.25		94.00	94.00	94.00	0.00	0.00	3
12.5		108.00	108.00	108.00	0.00	0.00	3
25		125.00	125.00	125.00	0.00	0.00	3
50		190.00	190.00	190.00	0.00	0.00	3
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Conductivity	481.67	461.00	499.00	19.22	0.91	3
6.25		536.00	528.00	545.00	8.54	0.55	3
12.5		575.00	570.00	582.00	6.24	0.43	3
25		774.33	762.00	786.00	12.01	0.45	3
50		1091.67	1075.00	1115.00	20.82	0.42	3
100		1761.33	1748.00	1788.00	23.09	0.27	3

aquatic bioassay & consulting laboratories, inc

July 13, 2011

Mr. Marlon Cartin
Advanced Technology Laboratories
3151 W. Post Road
Las Vegas, NV 89118

Dear Mr. Cartin:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms. EPA-821-R-02-013.* "All acceptability criteria were met and the concentration-response was normal. This is a valid test." Results were as follows:

CLIENT:	Advanced Technology Laboratories
SAMPLE I.D.:	EFF-06-29
DATE RECEIVED:	30 June - 11
ABC LAB. NO.:	ATL0611.335

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC	=	12.50 %
TUc	=	8.00
IC25	=	31.05 %
IC50	=	39.63 %

Yours very truly,

Scott Johnson
Laboratory Director

Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611335	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	EFF-06-29				

Conc-%	1	2	3	4
N Control	1331000	1308000	1280000	1281000
6.25	1303000	1220000	1213000	1229000
12.5	1252000	1270000	1340000	1221000
25	1245000	1130000	1259000	1184000
50	265000	257000	247000	258000
100	158000	154000	161000	154000

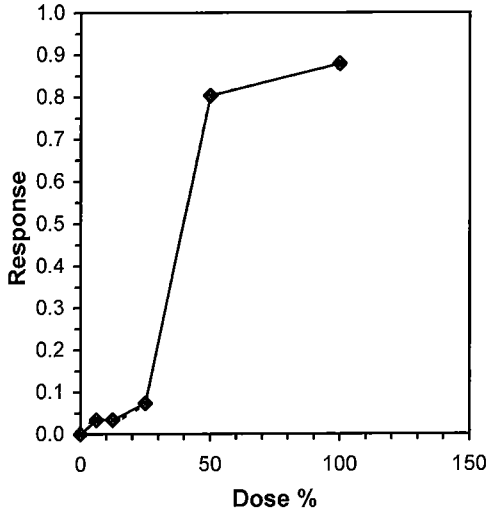
			Transform: Untransformed					1-Tailed			Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	1300000	1.0000	1300000	1280000	1331000	1.877	4				1300000	1.0000
6.25	1241250	0.9548	1241250	1213000	1303000	3.358	4	2.212	2.410	64017.7	1256000	0.9662
12.5	1270750	0.9775	1270750	1221000	1340000	3.967	4	1.101	2.410	64017.7	1256000	0.9662
*25	1204500	0.9265	1204500	1130000	1259000	4.931	4	3.595	2.410	64017.7	1204500	0.9265
*50	256750	0.1975	256750	247000	265000	2.886	4	39.274	2.410	64017.7	256750	0.1975
*100	156750	0.1206	156750	154000	161000	2.171	4	43.039	2.410	64017.7	156750	0.1206

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.9395	0.884	0.29097	0.65601
Bartlett's Test indicates unequal variances (p = 1.82E-03)	19.1214	15.0863		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test Treatments vs N Control	12.5	25	17.6777	8	64017.7	0.04924	1.2E+12	1.4E+09	1.2E-20	5, 18

Linear Interpolation (200 Resamples)

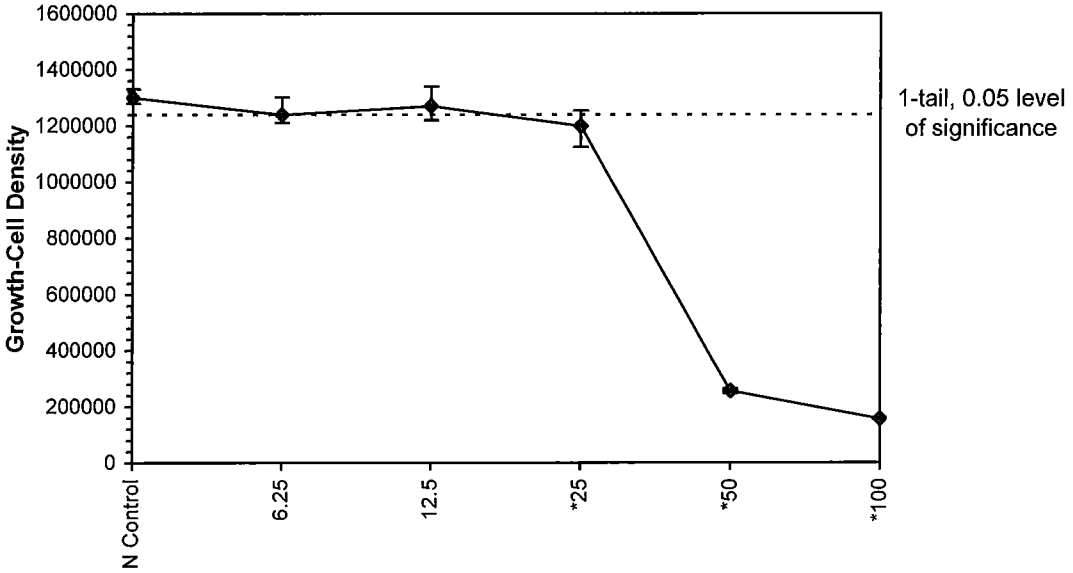
Point	%	SD	95% CL(Exp)		Skew
IC05	17.597	5.673	0.000	30.201	-0.5096
IC10	25.910	1.052	20.300	27.813	-2.1220
IC15	27.625	0.626	25.432	29.384	-0.2669
IC20	29.339	0.579	27.303	30.955	-0.2632
IC25	31.054	0.532	29.175	32.525	-0.2587
IC40	36.198	0.391	34.789	37.256	-0.2374
IC50	39.627	0.300	38.578	40.449	-0.2099



Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611335	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	EFF-06-29				

Dose-Response Plot



Phytoplankton Test-Growth-Cell Density

Start Date:	6/30/2011	Test ID:	ATL0611335	Sample ID:	CA0000000
End Date:	7/4/2011	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	6/29/2011	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	EFF-06-29				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	25.07	25.00	25.10	0.06	0.96	3
6.25		25.07	25.00	25.10	0.06	0.96	3
12.5		25.07	25.00	25.10	0.06	0.96	3
25		25.07	25.00	25.10	0.06	0.96	3
50		25.07	25.00	25.10	0.06	0.96	3
100		25.07	25.00	25.10	0.06	0.96	3
N Control	pH	7.87	7.80	7.90	0.06	3.05	3
6.25		7.90	7.90	7.90	0.00	0.00	3
12.5		7.90	7.90	7.90	0.00	0.00	3
25		7.90	7.90	7.90	0.00	0.00	3
50		7.90	7.90	7.90	0.00	0.00	3
100		7.87	7.80	7.90	0.06	3.05	3
N Control	Hardness mg/l	105.00	105.00	105.00	0.00	0.00	3
6.25		97.00	97.00	97.00	0.00	0.00	3
12.5		161.00	161.00	161.00	0.00	0.00	3
25		250.00	250.00	250.00	0.00	0.00	3
50		250.00	250.00	250.00	0.00	0.00	3
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Alkalinity mg/l	80.00	80.00	80.00	0.00	0.00	3
6.25		67.00	67.00	67.00	0.00	0.00	3
12.5		108.00	108.00	108.00	0.00	0.00	3
25		191.00	191.00	191.00	0.00	0.00	3
50		250.00	250.00	250.00	0.00	0.00	3
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Conductivity	481.67	461.00	499.00	19.22	0.91	3
6.25		509.00	500.00	517.00	8.54	0.57	3
12.5		645.33	644.00	647.00	1.53	0.19	3
25		833.67	828.00	845.00	9.81	0.38	3
50		1240.33	1217.00	1259.00	21.39	0.37	3
100		2086.67	2085.00	2088.00	1.53	0.06	3

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)

CHAIN OF CUSTODY RECORD

DATE: 6/29/11
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_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
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ■ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ 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.

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Chronic Toxicity	Selenastrum (growth bioassay)	5 test concentrations. i.e. 6.25%, 12.5%, 25% 50% and 100% sample + lab control
	UCC-06-29	50 FT UPSTREAM	6/29/2011	1145	WW	1	X		X
		DISCH. OUTFALL.							
	DCC-06-29	50' DOWNSTREAM	6/29/2011	1150	WW	1	X		X
		DISCH. OUTFALL.							
	EFF-06-29	EFFLUENT	6/29/2011	1220	WW	1	X		X

TEMP - 17.4°C

CHL - <0.1

Comments
Temperature* = _____
Temperature* = _____
Temperature* = _____
(Temp. as sampled)*

Relinquished by: (Signature)	Received by: (Signature)	Date: 6/29/11	Time: 1230
Relinquished by: (Signature)	Received by: (Signature)	Date: 6/29/11	Time: 1305
Relinquished by: (Signature) 6/29/11	Received by: (Signature)	Date: 6/30/11	Time: 0800

Revised: 01/11/11

Appendix B
Waste Manifests

NO. 692387

NON-HAZARDOUS WASTE DATA FORM

BESI # 189918

GENERATOR

Generator's Name and Mailing Address
SFPP, L.P. (NORWALK STATION)
ATTN: KARINA HANKINS
1100 TOWN & COUNTRY RD.
ORANGE, CA 92868

Generator's Site Address (if different than mailing address)
SFPP NORWALK STATION
15306 NORWALK BLVD.
NORWALK, CA 90650

Generator's Phone: 714-560-4887

Container type removed from site:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1

Container type transported to receiving facility:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 200 LBS.

WASTE DESCRIPTION NON-HAZARDOUS SOIL
GENERATING PROCESS SITE INVESTIGATION (DRILL CUTTINGS)

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. Soil		99-100%	3. TPH		<.1%
2. Debris		<1%	4.		

Waste Profile 07-012-8043-1873 PROPERTIES: pH _____ ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: _____

Generator Printed/Typed Name: Patrick Loya | Signature | Month 4 | Day 12 | Year 11

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE | Phone# 949-460-5200

Transporter 1 Printed/Typed Name: PAUL DELGADO | Signature | Month 4 | Day 12 | Year 11

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: Pacific Trans Environmental Services INC | Phone# 619-441-1818

Transporter 2 Printed/Typed Name: Jesus ESTrada | Signature | Month 04 | Day 19 | Year 11

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
US ECOLOGY, NEVADA OPERATIONS
HIGHWAY 95, 12 MILES S. OF BEATTY
BEATTY, NV 89003
15306 NOR
653224

Phone# 775-553-2203

Printed/Typed Name: Misty Leary | Signature | Month 04 | Day 22 | Year 11

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:

2. Page 1 of:

3. Emergency Response Phone: (310) 635-8079

4. Waste Tracking Number: KMEP - NORWALK - 04212011

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)
15306 NORWALK Blvd.
NORWALK, CA 90650

6. Transporter 1 Company Name
PROMINENT SYSTEMS INC
Phone #: 626-358-1888

U.S. EPA ID Number:

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
Facility's Phone: 562-436-1962

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt/Vol.	
1.	NON-HAZ SPENT ACTIVATED CARBON	2	BAGS	2,000	lb	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
USE PROPER P.P.E
CALTECH PROFILE# CT-1003207
ACCEPTANCE # from California Carbon: 10-097-268-B
Bill to: Steve Defibaugh
1100 Town and Country
Orange, CA 92868
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/Offeror's Printed/Typed Name: Patrick Loya
Signature:
Month: 4 Day: 22 Year: 11

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

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tanjung Siregar
Signature:
Month: 4 Day: 22 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:
Signature:
Month: Day: Year:

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:

2. Page 1 of

3. Emergency Response Phone: (310) 635-8079

4. Waste Tracking Number: KMEP - NORWALK -

GENERATOR

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
Phone #: 626-858-1888

U.S. EPA ID Number:

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
Facility's Phone: 562-436-1962

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZ SPENT ACTIVATED CARBON	2	BA	2,000	lb	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
USE PROPER P.P.E
CALTECH PROFILE# CT-1003207
ACCEPTANCE # from California Carbon: 10-097-268-B

Bill to: Steve Defibaugh
1100 Town and Country
Orange, CA 92868

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/Offeror's Printed/Typed Name: JAMES DAVIS
Signature:
Month: 05 Day: 20 Year: 11

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: TROI BUNGAY
Signature:
Month: 5 Day: 20 Year: 11

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

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:

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: (310) 635-8079

4. Waste Tracking Number: KMEP - NORWALK - 06072011

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. LP. (NORWALK TANK FARM)
15305 NORWALK Blvd.
NORWALK, CA 90650

6. Transporter 1 Company Name
PROMINENT SYSTEMS INC
Phone #: 626-858-1888
U.S. EPA ID Number

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
Facility's Phone: 562 - 436 - 1962
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON-HAZ SPENT ACTIVATED CARBON	2	BAGS	2,000	lb
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
USE PROPER P.P.E
CALTECH PROFILE # CT-1003207
ACCEPTANCE # from California Carbon: 10-097-268-B
Bill to: Steve Defibaugh
1100 Town and Country
Orange, CA 92868
MARKING:

GENERATOR

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/Offeror's Printed/Typed Name: JAMES D'A
Signature
Month 06 Day 07 Year 11

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tanjung Siregar
Signature
Month 6 Day 7 Year 11
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

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