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Alameda County Environmental Health

STARTUP REPORT NPDES TREATMENT SYSTEM UNDER NPDES CAG912002

EMERY STATION EAST 5885 HOLLIS STREET EMERYVILLE, CA

APRIL 19, 2006

Prepared for: DPR Redwood City, California

Prepared by:





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NPDES TREATMENT SYSTEM START UP REPORT 5885 HOLLIS STREET EMERYVILLE



SIGNATURE PAGE

All engineering information, conclusions, and recommendations contained in this report have been prepared by a California Professional Engineer.



4/25/06 Date Date



1.0 INTRODUCTION

This Startup Report (Report) has been prepared by Pacific States Environmental Contractors, Inc. (PSEC) on behalf of Wareham Development Group San Rafael, California. The Application has been prepared for discharge of water generated by dewatering activities on the property located at 5885 Hollis Street Emeryville, CA. A Site Location Map as well as a Site Plan are shown in **Figure 1** and **Figure 2**, respectively. The site will be developed into either a commercial/laboratory space or multi-family residential constructed over subgrade parking.

This Report is being submitted to the Regional Water Quality Control Board – San Francisco Region ("the Regional Board") pursuant to Order Number 01-100, CAG912002, a General Waste Discharge Requirement Permit. The Report describes the startup of the NPDES treatment system treating groundwater generated by dewatering activities during construction work taking place onsite. The groundwater beneath part of the Site is impacted by petroleum hydrocarbons.

As part of the development, excavation of underlying soil will be conducted to allow for a subgrade basement garage. The excavation will require dewatering and these dewatering activities will remove a significant quantity of contaminated groundwater. That water will be treated using treatment equipment provided by Baker Tanks and maintained by PSEC.



2.0 PROJECT DESCRIPTION

Groundwater from dewatering operations will be pumped to the temporary treatment system. Water will be pumped into two 21,000-gallon tanks, arranged in series, to allow settlement of suspended solids. The water will then pass through a sand filter, and then through at least two 2,000-pound 75-psi granular activated carbon vessels arranged in series containing either coconut shell carbon or bituminous carbon. The water may be discharged to an effluent storage tank to make treated water available for dust control and compaction use during construction, or it will be discharged to the storm drain inlet at the south end of the jobsite on Pleadeau Street. The process flow schematic is shown in **Figure 3**.

2.1 DESIGN CRITERIA

The maximum dewatering influent and effluent discharge flow rate for the treatment system of 30 wells is 5 gallons per minute per well, or 216,000 gallons per day. Average daily flows will likely be in the range of 210,000 to 220,000 gallons per day. Maximum inflow concentrations of total petroleum hydrocarbons as diesel (TPH-d) have been estimated at 8,400 μ g/l. The system is also designed to treat low concentrations of benzene, toluene, ethyl benzene and total xylenes (BTEX), and other non-chlorinated volatile organic compounds (VOCs) that may be encountered during dewatering.

Effluent criteria for and benzene, toluene and ethyl benzene compounds are 5 μ g/l. Effluent criteria for TPH is 50 μ g/l.

TPHg, TPH-d, and BTEX concentrations will be monitored via samples collected at the influent (I-1, following the settling tank), the carbon filter midpoint (M-1), and effluent from the carbon filters (E-1). Additional sampling will occur as required in the NPDES permit CAG912002 Self-Monitoring Program.



3.0 NPDES SELF- MONITORING PROGRAM

Samples were collected at system startup, March 30, 2006 and on the fifth day of operation, April 7, 2006, to characterize untreated water, treatment system status and effluent discharge quality.

3.1 START-UP

Start-up of the treatment system began March 30, 2006. Treated water generated during the first 4 hours (approximately 4,000 gallons) was stored on site pending receipt of analytical results. Discharge from the treatment system began on April 3, 2006.

During the five-day start-up period, approximately 14,100 gallons of groundwater were treated and discharged. The average flow rate during start-up was 1.22 gallons per minute (gpm). System flow rates for the first week of treatment are summarized in **Table 1**.

3.2 SAMPLING

Influent and effluent samples were collected for laboratory analysis as required by the NPDES Self-Monitoring Program. TPHg, TPH-d, and BTEX concentrations were monitored via samples collected at the influent (I-1, following the settling tank) and effluent from the carbon filters (E-1). Temperature, pH, and electrical conductivity were monitored during sampling.

Samples were collected from sample taps in the treatment system into laboratory-supplied sample bottles. After filling and labeling, the sample containers were placed in ice-cooled, insulated chests for transport to the laboratory for analysis. Chain-of-custody records were completed for the samples. These records accompanied the samples until receipt by McCampbell Analytical Inc., of Pacheco, a California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) certified laboratory (ELAP# 1644).



Laboratory quality assurance/quality control (QA/QC) data and reporting limits were reviewed for each laboratory report received.

The self-monitoring samples were analyzed for turbidity, pH, hardness, conductivity, BTEX, MTBE, thirteen total metals, hex chromium, mercury, total cyanide, EDB, VOC's, TAME, DIPE, ETBE, TBA, ethanol, methanol, SVOC's, PAH's and total extractable petroleum hydrocarbons as gasoline (TPHg) and diesel (TPHd).

3.3 ANALYTICAL RESULTS

Results of self-monitoring analyses are summarized in **Tables 2** through **5** and discussed below. Copies of the laboratory analyses and chain of custody forms can be found in **Appendix A**

3.3.1 General Chemistry

As required by the General Permit, samples collected at I-1 and E-1 on March 30, 2006 and April 7, 2006 were analyzed for pH, temperature, turbidity, hardness (as CaCO₃) and electric conductivity. Results of the General Permit chemistry analyses are summarized in **Table 2**.

On March 30, 2006, the pH at the influent ranged from 7.3 standard units (S.U.) as measured in the laboratory to 7.6 S.U. as measured in the field. The pH at the effluent ranged from 8.09 S.U. as measured in the laboratory to 8.0 as measured in the field. The water was not discharged. It was stored onsite pending the results of analyses the following day.

The slight increase in pH across the treatment system was attributed to the GAC activation process. The pH of the GAC was adjusted by the vendor prior to purchase.

Field measurements revealed influent temperatures of 21.3 °C, effluent temperatures 22.1°C; influent conductivity at 800 µmhos/cm and effluent conductivity 900 µmhos/cm.



Laboratory analysis showed turbidity of 4.10 and 29 Nephelometric Turbidity Units (NTUs) for the effluent samples collected on March 30, 2006 and April 7, 2006, respectively. In addition, the laboratory analysis showed hardness of 260 mg/L and 290 mg/L for the effluent samples collected on March 30, 2006 and April 7, 2006, respectively.

3.3.2 Inorganic Analyses

On March 30, 2006 and April 7, 2006, samples of influent and effluent were collected for analysis of inorganic chemicals. Inorganic chemicals analyzed included antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, and zinc analyzed by EPA Method E200.8, mercury analyzed by EPA Method E1631, cyanide analyzed by EPA Method E335.3, Hex Chromium analyzed by EPA Method E218.6. Sampling results are summarized in **Table 3**.

3.3.3 TPH

Influent and effluent samples collected on March 30, 2006 and April 7, 2006, were analyzed for total petroleum hydrocarbons as gasoline, diesel and BTEX compounds. Laboratory analysis of the samples revealed that the discharge limit for TPH of 50 micrograms per liter (μ g/l) was not exceeded. A summary of these results is presented in **Table 4**

3.3.4 Volatile Organic Compounds (VOCs) and Semi Volatile Organic Compounds (SVOCs).

Laboratory analysis for VOCs by EPA Method 8260B and SVOC's by EPA Method 8270D for the effluent sample collected on April 7, 2006 revealed no exceedances of the concentration-based triggers. A summary of VOC and SVOC analytical is also presented in **Table 4**.



3.3.5 Fish Bioassay Results

Laboratory results for a fish bioassay performed on the system effluent on April 7, 2006 indicated a 100% survival rate. Results are summarized in **Table 5.**

3.4 SUMMARY OF SYSTEM START-UP OPERATION

Following review of effluent analytical data collected on March 30, 2006, discharge began on April 3, 2006. Approximately 14,100 gallons of groundwater were extracted and treated between April 3 and April 7, 2006. The average flow rate was approximately 1.2 gpm.



4.0 PLANNED WORK – SECOND QUARTER 2006

Sampling and analysis of influent and effluent water from the treatment system will continue during the remainder of the second quarter of 2006. Monthly samples will be collected in accordance with the schedule and procedures specified in the General Permit.

In accordance with the Self-Monitoring Program, quarterly NPDES self-monitoring reports will continue to be prepared and submitted to the Regional board. The anticipated submittal date for the Second Quarter 2006 quarterly report is July 15, 2006.

Tables

TABLE 1 FLOW SUMMARY FOR NPDES TREATMENT SYSTEM Wareham Labs Emeryville, CA

	Instantaneous Flow	System Average Flow	
	Rate	Rate	System Cumulative Volume
Date	(gpm)	(gpm)	(gallons)
March 29, 2006	0	0.0	0
March 30, 2006	150	0.0	0
April 3, 2006	150	1.0	5500
April 5, 2006	150	0.9	7500
April 7, 2006	150	1.2	14100
April 10, 2006	150	2.2	34300
April 21, 2006	150	8.3	262900

Total Operating Period (days)	22
Total Volume Treated & Discharged (gallons)	262,900
Average Daily Flow for Period (gallons per day)	11,950

TABLE 2 GENERAL CHEMICAL TREATMENT DATA Wareham Labs Emeryville, California

				Electrical	
		Temperature	pН	Conductivity	Turbidity
Sample	Date	(Field)	Field	(Laboratory)	
Location	Sampled	(°C)	(S.U.)	µmhos/cm	(NTUs)
Influent	3/30/2006	21	7.6	837	440
mnuent	4/7/2006	21.5	7.5	1140	735
Effluent	3/30/2006	22.1	8	852	4.1
Ennuent	4/7/2006	20.5	7.9	1050	29
Effluent I	imitations		6.5-8.5	-	
Receivin	ng Water		Change		
Limit	ations	No change	< 0.5	No change	No change

Notes:

^oC – degrees centigrade, measured in field μmhos/cm – micromhos per centimeter NTUs – nephelometric turbidity units mg/l – milligrams per liter -- not analyzed

TABLE 3 INORGANIC CHEMICAL DATA – TOTAL METALS* Wareham Labs Emeryville, California

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Sample	Date	Flowrate	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc	Cyanide	Hexachrome
Location	Sampled	(gpd)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	$(\mu g/l)$	$(\mu g/l)$	(µg/l)	(µg/l)	(µg/l)	$(\mu g/l)$	(µg/l)	(µg/l)	(µg/l)	(µg/l)
Influent	3/30/2006	1,368	0.81	2.1	ND	ND	15	6.2	1.3	0.015	10	0.96	ND	ND	21	ND	7.7
mnuem	4/7/2006	1,756	0.7	2.9	ND	ND	2.6	7	n	0.016	5.5	0.75	ND	ND	25	ND	1.5
Effluent	3/30/2006	1,368	1.3	10	ND	ND	0.72	52	9.4	0.0035	6.5	0.97	ND	ND	86	ND	ND
Ennuent	4/7/2006	1,756	1.3	7.5	ND	ND	7.6	8	2.4	0.0028	10	1.1	ND	ND	21	ND	ND
Mass	Discharged	(g/d)															
	4/3/2006		6.74E-03	5.18E-02	N/A	N/A	3.73E-03	2.69E-01	4.87E-02	1.81E-05	3.37E-02	5.03E-03	N/A	N/A	4.46E-01	N/A	N/A
Mass	Discharged	(g/d)															
	4/7/2006		8.65E-03	4.99E-02	N/A	N/A	5.06E-02	5.32E-02	1.60E-02	1.86E-05	6.65E-02	7.32E-03	N/A	N/A	1.40E-01	N/A	N/A
Mass E	Based Trigge	er (g/d)															
Flow:	less than 1	0 gpm	3	1	3	1	2	3	5	0.01	5	2	1	3	10	1	N/A
Mass E	Based Trigge	er (g/d)															
Flo	ow: >100 g	om	10	10	10	4	20	10	10	0.5	40	45	10	10	200	1	N/A

Notes:

gpd – gallons per day

 $\mu g/l$ – micrograms per liter

g/d – grams per day

ND – Not detected

-- not analyzed

TABLE 4 PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND CONCENTRATIONS¹ Wareham Labs Emeryville, CA

Sample	Date	Petro	leum					
Location	Sampled	Hydrocarbons						
						Ethyl-	Total	
		TPH-g	TPH-d	Benzene	Toluene	benzene	Xylenes	MTBE
		(µg/l)	(µg/l)	(µg/l)	$(\mu g/l)$	(µg/l)	(µg/l)	$(\mu g/l)$
Influent	3/30/2006	200,000	64	1400	510	ND	ND	ND
mnuent	4/7/2006	70,000	ND	630	ND	ND	ND	ND
Effluent	3/30/2006	ND	ND	ND	ND	ND	ND	ND
Entuent	4/7/2006	ND	ND	ND	ND	ND	ND	ND
Effluent I	Limitations	50 50		1	5	5	5	5

Notes:

 $\mu g/l - Micrograms per liter$

TPH-g - Total petroleum hydrocarbons as gasoline

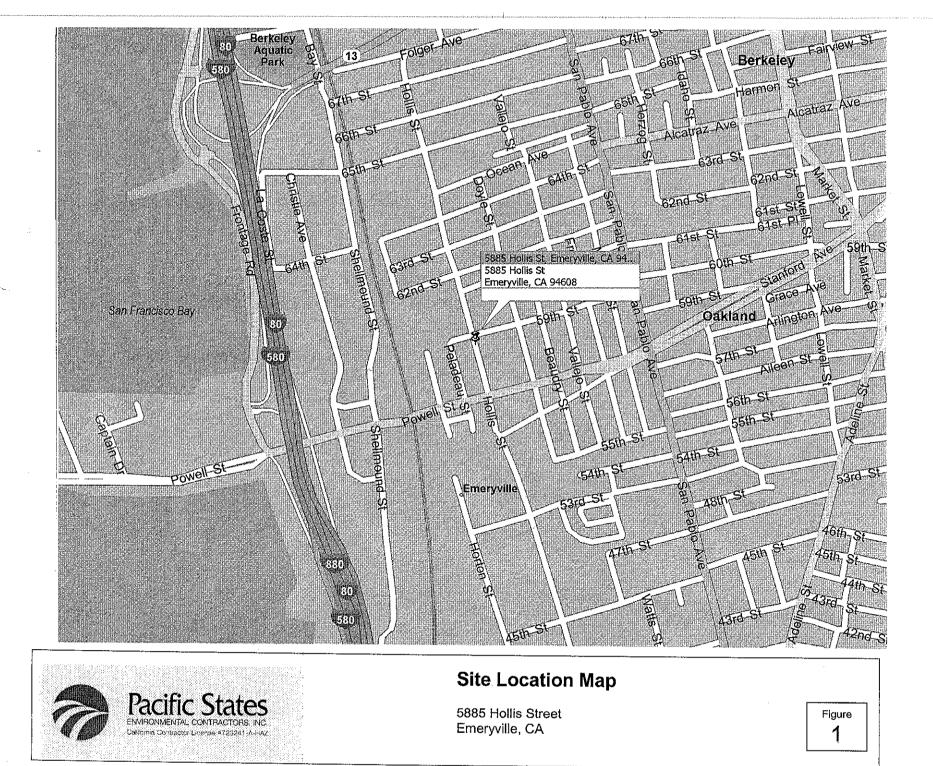
TPH-d - Total petroleum hydrocarbons as diesel

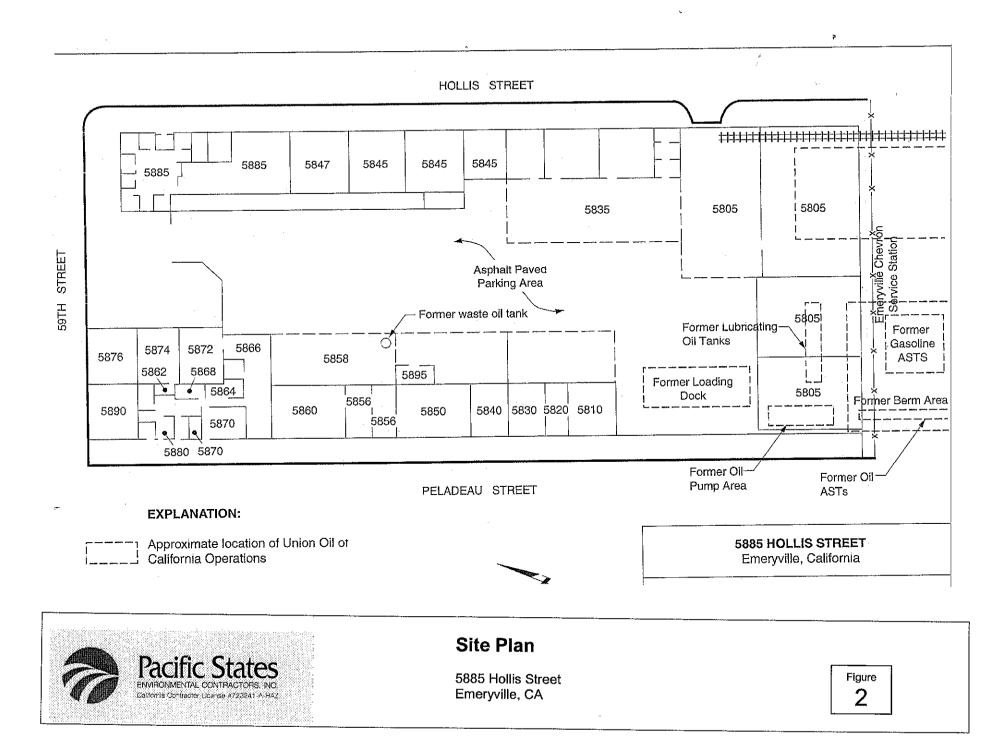
¹ – Influent and effluent samples taken on April 7, 2006 were analyzed for Volatile Organic Compound (VOC) by EPA Method 8260B; for Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270D for Alcohols by GC-FID and for Polynuclear Aromatic Hydrocarbons. All effluent compounds were non-detect.

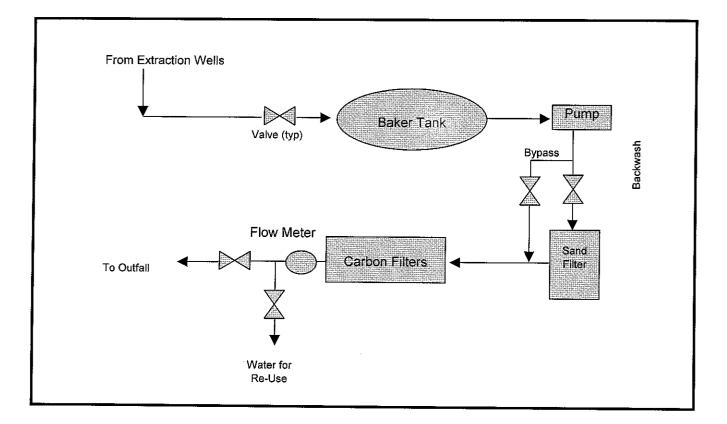
TABLE 5 FISH BIOASSAY RESULTS - EFFLUENT Wareham Labs Emeryville, CA

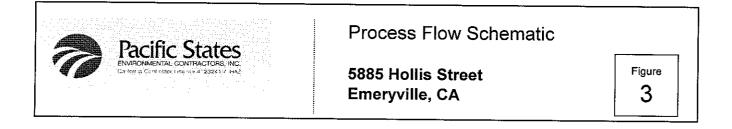
Date	Test Organisms	% Survival
4/7/2006	Fathead Minow	100

Figures









APPENDIX A

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Page i of I

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Prepared by: Melissa Valles

Comments:

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NOTE; Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the IPH(g) concentration at the client's request.

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McC	Campbell Analy	tical, Inc.	Telepho	venue South, #D7, Pacheco, CA 94 me : 925-798-1620 Fax : 925-794 uccampbell.com E-mail: main@m	-1622	o	
Pacific States Er	wironmenta]	Client Project ID: #605153; DPR		Date Sampled: 03	Date Sampled: 03/30/06		
11555 Dublin B	lvđ			Date Received: 03	/30/06		
Dublin, CA 9450	58	Client Contact: C	ory Divers	Date Extracted: 03/30/06			
		Client P.O :		Date Analyzed: 03.	/31/06		
Extraction method: SW3		nge (C10-C23) Extra Analytical na	ctable Hydrocarbor ethods: SW8015C	as as Diesel*	Work Order:	0603646	
Lab ID	Client ID	Matrix	TPI	I(d)	DF	% SS	
0603646-001D	WarLB -3-30-06-I	w	64	,b	1	102	
				· · · · · · · · · · · · · · · · · · ·			
<u> </u>							
			\$ ⁴				

Reporting Limit for DF =1; ND means not detected at or	W	50	μg/L
above the reporting limit	S	NA	NA

* water samples are reported in ug/L) wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DIS TLC / STLC / STLC / STLC / TCLP extracts are reported in µg/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract

+The following descriptions of the IPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stochard solvent/mineral spirit.

DHS Certification No. 1644

		ontact: Co	#605153; DPR ry Divers	Date Sampled: Date Received: Date Extracted:		
Dublin, CA 94568 Lab ID	Client P.	0.:	гу Divers	Date Extracted:		
Dublin, CA 94568 Lab ID	Client P.	0.:	ry Divers		02/20/07	
Lab ID					03/30/06	
	0603646-001B	Mat		Date Analyzed:	03/30/06	
	0603646-001B	11164	als*			
Client ID V	VUUUUUUUUUUU				Reporting Lin	nit for DF =1:
	WarLB-3-30-06-1	11 4-1-1-101-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			ND means r	
Matrix	W			10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s	W
Extraction Type	TTLC				тıg/kg	μg/L
Analytical Method: E200.8	Extr	IS Metals, raction Method	Concentration*		j · · · · · · · · · · · · · · · · · · ·	er: 0603646
Dilution Factor	1				1	1
Antimony	0.81				NA	0.5
Arsenic	2.1				NA	0.5
Beryllium Cadmium	ND ND				NA	0.5
Chromium	<u>ND</u> 15				NA	0 25
Copper	6.2				NA	0.5
Lead	1.3				NA	0.5
Nickel	10		" 		NA NA	0.5
Selenium	0.96	`			NA NA	0.5
Silver	ND		, <u>_</u> , <u>_</u> ,		NA	0.19
Thallium	ND				NA	0,5
Zinc	21				NA	2,0
%SS:	117		· · · · · · · · · · · · · · · · · · ·			2,0
						
Comments				1		

"water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than -1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for ITLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

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9257984612

McCan	apbell Analyti	cal, Inc.	Telepha	venue South, #D7, Pacheco, CA 94553-5 one : 925-798-1620 Fax : 925-798-1622 mccsopbell.com E-mail: main@mccamp		
Pacific States Enviro	onmental	Client Project ID: #605153; DPR		Date Sampled: 03/30/06		
11555 Dublin Blvd				Date Received: 03/30/06		
Dublin, CA 94568		Client Contact: C	ory Divers	Date Extracted: 03/30/0)6	
		Client P.O :	₩-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Date Analyzed: 03/30/0	16	
Analytical Method: E218.6		Hexachro	me by IC*	Work	: Order: 060364	
Lab ID	Client ID	Matrix	χ	Hexachrome	DF	
0603646-001E	Warl B-3-30-06-	u w		77	L	
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				· · · · · · · · · · · · · · · · · · ·		

Reporting Limit for DF = 1; ND means not detected at or	w	0.2 µg/L	
above the reporting limit	S	NA	

* water samples are reported in µg/L.

N/A means surrogate not applicable to this analysis; # surrogate diluted out of range or surrogate coelutes with another peak

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than -1 vol. % sediment; j) sample diluted due to matrix interference; p) see attached narrative

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9257984612

McCan	McCampbell Analytical, Inc.			110 2nd Avenus South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com			
Pacific States Enviro	onmental (Client Project ID: #605153; DPR		Date Sampled: 03/30/06			
11555 Dublin Blvd		:		Date Received: 03/30	/06		
Dublin, CA 94568		Client Contact: Co	ory Divers	Date Extracted: 03/30	/06		
54511, CA 94508	(Client P.O.;		Date Analyzed: 03/30	/06		
Analytics Method: SM251	0B	Specific Co	nductivity*	Wo	rk Order: 050364		
Lab ID	Client ID	Matrix		Specific Conductivity	DF		
0603646-001C	WarLB-3-30-06-I	W		837 @ 25°C	1		
		······································			<u>.</u>		
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Reporting I imit for DF	= 1; ND means not detected	at or W	01	µmhos/cm@25°C	· <u> </u>		
above	the reporting limit	S		NA NA			

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McCam	pbell Analyti	cal, Inc.	Teler	Avenue South, #D7, Pacheco, CA 94553-5560 phone : 925-798-1620 Fax : 925-798-1622 w.mccsambell.com E-mail: msin@mccampbell.com
Pacific States Environ	mental	Client Project ID: #605153; DPR		Date Sampled: 03/30/06
11555 Dublin Blvd				Date Received: 03/30/06
Dublin CA 04569		Client Contact: (Cory Divers	Date Extracted: 03/30/06
Dublin, CA 94568		Client P O :		Date Analyzed: 03/30/06
		F	H*	
Analytical Method: SM4500H4		·		Work Order: 0603646
Lab ID	Client ID		Matrix	pH
0603646-001C	WarLB-3-30-	06-1 	w	7.30 @ 14.8°C
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		: : :		
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				· · · · · · · · · · · · · · · · · · ·
				······································
			·	
	,			
			w	±0 05, pH units @ °C
Method Accuracy and	Reporting Units		s	NA

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McCam	pbell Analyti	cal, Inc.	110 2nd Avenue South, #D7, Pacheon, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.mecampbell.com E-nail: main@mccampbell.com			
Pacific States Environ	unental	Client Project ID:	#605153; DPR	Date Sampled: 03/30/06		
11555 Dublin Blvd				Date Received: 03/30/06		
Dublin CA 04569	ublin, CA 94568		ny Divers	Date Extracted: 03/30/06		
Dubun, CA 94,00				Date Analyzed: 03/30/06		
Analytical Method: E335.3 / 1	Keiada-01	Cyanide, Total*		Work Ord	er: 0603646	
Lab lD	Client ID	Matrix		Total Cyanide	DF	
0603646-001H	WarL B-3-30-06-I	W		ND	1	
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			<u></u>			
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				·····		
	- 10 4 y 0 y					

Reporting Limit for DF = 1; ND means not detected at or	Ŵ	2.0 µg/L	
above the reporting limit	S	NA	

* water samples are reported in ug/L; soil/sludge/solid samples in mg/kg; wipe samples in µg/wipe.

^ All water samples are screened for sulfide interference prior to analysis and treated to remove sulfide if it is present. All soil samples are treated to remove sulfide, nitrate and nitrite interference prior to analysis.

i) liquid sample contains greater than ~1 vol. % sediment; j) reporting limit raised due to high sediment content/matrix interference; m) sample treated to remove interfering nitrate and nitrite per E335 4; p) see attached narrative

Angela Rydelius, Lab Manager

DHS Certification No 1644

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Mc	McCampbell Analytical, Inc.			Telepho	venue South, #D7, Pache ppe : 925-798-1520 Fan inccampbell.com E-mail	: 925-798-16	22	n
Pacific States I	Environmental	Client Pro	ject ID: 1	#605153; DPR	Date Sample	eđ: 03/30	/06	<u>.</u>
11555 Dublin 1	Blvđ				Date Receive	ed: 03/30	/06	
Dublin, CA 94:	568	Client Contact: Cory Divers		Date Extract	ed: 03/30	/06		
Dubini, CA 94508		Client P.C	 D.:		Date Analyz	ed: 03/31	/06	
Extraction method: E1	631		Iercury by Analytical meth			Wc	ork Order:	0603646
Lab ID	Client ID	Matrix	Extraction	1	Мегсигу		DF	% SS
0603646-001F	WarLB-3-30-06-I	w	TILC		15		1	N/A
0603646-001G	WarI B-3-30-06-1/Blank	w	TILC		ND		1	N/A
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	· · · · · · · · · · · · · · · · ·							
	-		······					

Reporting Limit for DF =1; ND means not detected at or	W	TILC	0 2	ng/L	
above the reporting limit	S	TTLC	NA	mg/kg	

*water samples are reported in ug/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/studge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to fikration; for FILC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

. 82	Mcc Telephone: (92: Report To: Cory Divit Company: Pacific S	5) 798-1620	L ANA AVENUE SI ECO, CA 94	าษนาาได	CAL	INC ; (92		8-16				1				ed?	UN Çoi	D :	(Noi	1E). D		D	D [24]	Y H J HR			RD ₹ No	72			DAY		1641 O O O O
	Project Location: Hol Sampler Signature:	B 4333 74568 4333 11.5 Sty 7762	F	E-Mallx ax: () roject N ,//e	<u>725</u> 1ame:	D	·			THO	מכ	602/8020 +	(8015)	Oil & Grease (5520 E&F/B&F)	Total Petrofeum Hydrocarbons (418.1)				ONLY		EPA 625/82/0 PA 675/82/0 PA 675/DVA 's hur PD 4, 676/0410/1010	A Long Contraction and Contraction	1212-2	(0109/2/622		-	(erelich	BUIN Maditica	Hoxavalrut 21218		3			
	SAMPLE ID (Fleld Point Name) LOCA: No(LB-3-30-06-6 Cp Epnery	Date	Time		XXXXX Wate	Soil	Air		XXXX	X NO.	Other	X BTEX & TPH 46 C	TPH as Diesel (8	Total Petroleum	Total Petroleum	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB'S ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	CAM-17 Metals	4	Lead (7240/7421/239.2/6010)	ß	No. 1	X X PH, Electrical		Chronie Chronie	MPI (UN '	Cyamole			
				3 5	ůΧ						X																		X	X	X	Na	cH Pres	-
	Relinquished By: AMEET Tate Relinquished By: Relinquished By:	Date: 3/30/06 Date: Date:		Received Received	By:	1						G H	EAI	D C D SF	'AC		BSF	INT		/	AP) CO	PRO NTA	PRL INE	TIO ATE RS	N V	AB_	QA	G	мет.	ALS	977	iER		-

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McCampbell Analytical, Inc.

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

Page i of 1

(925) 798-1620			Wo	rkOrd	er: 06	603645		Clier	ntID: 1	PSED		EDH	: NO			
Report to:						Bill to:						Reg	uested "	AT:		1 day
Cary Divers	TEL:	925-803-4333				Acc	ounts	Payable)							1 000
Pacific States Environmental	FAX:	925-803-4334				Pac	ific Sta	les Env	/ironme	ental						
11555 Dublin Blvd		#605153; DPR				115	55 Dut	lin Biv	1			Dat	c Recei	ved:	03/30	/2006
Dublin, CA 94568	P0:	The state of the same second second second second second second second second second second second second secon			Dublin, CA 94568					Date Printe		ed:	l: 03/30/2006			
								Re	questec	I Tests	(See leg	end bel	ow)			
Sample ID ClientSampID		Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0603645-001 WorLB-3-30-06-	E	Water	3/30/06 12:30:00		E	F	G	Δ	E	Н	l n	E		B	C	T

Test Legend:

Comments:

24hr Rush

1 218_6_W	2 CAM17(T)MS_W	3 CN_TOTAL_W	4 G-MBTEX W	5 HARDMS DISS
6 HGPSA1_W	7 PH_W	8 PRDISSOLVED	9 SC W	10 TPH(D) W
11 TURBIDITY_W	12			

Prepared by: Maria Venegas

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NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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æ	McCampbell .	Analyti	cal, Inc.		Telep	17, Pacheco, CA 9455 520 Fax : 925-798-11 n E-mail: main@mcca	622		• 					
Pacific S	tates Environmental		Client Pro	ject ID: #60	5153; DPR		Date Sampled: 03/30/06							
11555 D	ublin Blvd					Date Received: 03/30/06								
D 10 - 0	24.04529		Client Cor	tact: Cory D	ivers	Date Extract	ed: 03/30/0)6	•					
Duonii, (CA 94568		Client P O	h:		Date Analyze	ed: 03/30/0)6						
Extraction 2	Gasoline] rethod: SW5030B	Range (C		tile Hydroca		oline with B	TEX and MI)rder: 0	603645				
Lab ID	Client ID	Matrix	TPH(g)	мтве	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS				
001A	WorLB-3-30-06-E	w	ND	ND	ND	ND	ND	ND	1	111				
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·									-	<u> </u>				
						<u> </u>				·				
Repor	ting Limit for DF =1;	w	50	5,0	0.5	0.5	0.5	0.5	1	L				
ND m	eans not detected at or ve the reporting limit	S	NA	NA	NA	NA	NA NA	0.5 NA	1	µg/L mg/Kg				

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/nonaqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas) m) no recognizable pattern; n) TPH(g) range nontarget isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

9257984612

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Mc Mc	Campbell Analytic	cal, Inc.	110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.mscampbell.com E-mail: main@mscampbell.com									
Pacific States I	Environmental	Client Project ID:	#605153; DPR	Date Sampled: 03/3	0/06							
11555 Dublin 1	Blvd			Date Received: 03/3	0/06							
Dublin CA 04	569	Client Contact: C	ory Divers	Date Extracted: 03/3	0/06							
Dublin, CA 94	-308	Client P.O :	Date Analyzed: 03/3)/06								
Extraction method: S	_		ctable Hydrocarbons a rethods: SW8015C		ork Order:	0603645						
Lab ID	Client ID	Matrix	ТРН(d)		DF	% SS						
0603645-001B	WorLB-3-30-06-E	w	ND		I	101						
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	. <u> </u>	1 										
			• 10 • • • • • • • • • • • • • • • • • • •									

Reporting Limit for DF =1; ND means not detected at or	W	50	μg/L	
above the reporting limit	S	NA	NA	

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / STLC / STLP / TCLP extracts are reported in µg/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract

+ The following descriptions of the IPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stordard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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McCar	npbell Analyti	cal, Inc.	Telephon	enue South, #D7, Pacheco, C/ je : 925-798-1620 Fax : 925 jecampbell.com E-mail: main	- 798-1622	L
Pacific States Enviro	onmental	Client Project ID:	#605153; DPR	Date Sampled:	03/30/06	
11555 Dublin Blvd				Date Received:	03/30/06	
Dublin, CA 94568		Client Contact: Co	ny Divers	Date Extracted:	03/30/06	
Bushin, 04194500		Client P O :		Date Analyzed:	03/30/06	
Analytical Method: E218.6		Hexachro	ne by IC*		Work Order:	0603645
Lab ID	Client ID	Matrix		Hexachrome		DF
0603645-001B	WorLB-3-30-06-E	ı w		ND		1
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Reporting Limit for DF = 1; ND means not detected at or	W	0.2 µg/L	
above the reporting limit	S	NA	

* water samples are reported in µg/L.

N/A means surrogate not applicable to this analysis; # surrogate diluted out of range or surrogate coelutes with another peak.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol % sediment; j) sample diluted due to matrix interference; p) see attached narrative.

DHS Certification No. 1644

McCampbell A	nalytical, I	nc.		Telepho	venue South #D7, Pacheco, CA 94553-5560 ne : 925-798-1620 Fax : 925-798-1622 neccampbell.com E-mail: main@mccampbell.com
Pacific States Environmental	Client	Project ID	: #605153	3; DPR	Date Sampled: 03/30/06
11555 Dublin Blvd					Date Received: 03/30/06
Dublin, CA 94568	Client	Contact: (Cory Dive	TS	Date Extracted: 03/30/06
	Client	P.O :			Date Analyzed: 03/30/06
Analytical Method: SM4500H+B		P	H *		Work Order: 0603645
Lab ID	Client ID	:	Matrix		pH
0603645-001D Wo	vrLB-3-30-06-E		w		8.09 @ 17.5℃
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					· · · · · · · · · · · · · · · · · · ·
		:			
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	_				
Mathad Assumes and Densor	unita		w		±0 05, pH units @ °C
Method Accuracy and Reporting U	nus		S		NA

DHS Certification No. 1644

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McCar	npbell Analyti	cal, Inc.	Telepho	enne South, #D7, Pacheco, CA ne : 925-798-1620 Fax : 925-7 nccampbell.com E-mail: main@	98-1622
Pacific States Enviro	onmental	Client Project ID:	#605153; DPR	Date Sampled: 0	3/30/06
11555 Dublin Blvd				Date Received: 0	3/30/06
Dublin, CA 94568		Client Contact: Cory Divers		Date Extracted: 0	3/30/06
		Client P.O.:	tt P.O.: Date Analyzed: 03/30/		3/30/06
Analytical Method: SM251	0B	Specific Co	nductivity*		Work Order: 06036-
Lab ID	Client ID	Matrix		Specific Conductivity	DF
0603645-001D	WorL B-3 -30-06-E	3 W		852 @ 25 0°C	1
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		<u></u>			
Reporting Limit for D	F = 1; ND means not detec	ted at or W	10	umhos/cm @ 25°C	

above the reporting limit	S	NA	
Salinity $(mg/L) = 0.64 * S C (\mu mhos/cm @ 25°C)$ per SSSA vol	ume 5 part 3		
			······
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DHS Certification No. 1644

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	ical, Inc.			E-mail: main@mccampbcll.com		
acific States Environmental	Client Project	Client Project ID: #605153; DPR		mpled: 03/30/06		
1555 Dublin Blvd	 		Date Rec	eived: 03/30/06		
Dublin, CA 94568	Client Contac	t: Cory Divers	Date Ext	racted: 03/30/06		
	Client P.O.:		Date Ana	alyzed: 03/30/06		
Analytical Method: SM2130B		Furbidity		Work Order: 05	503 6	
Lab ID Client ID	2	Matrix	Turbidit	у	DF	
0603645-001C WorLB-3-30-06	-E	W	4.10		1	
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			t			
	ected at or	w	0.1 NTU			
Reporting Limit for $DF = 1$; ND means not det	·	S	NA			

McCan	npbell Analytic	cal, Inc.	Telepla	venus South, #D7, Pacheco, CA 94553-5560 one : 925-798-1620 Fax : 925-798-1622 mocampbell.com B-mail: nuin@nkcampbell.c	on
Pacific States Enviro	onmental	Client Project ID:	#605153; DPR	Date Sampled: 03/30/06	
11555 Dublin Blvd				Date Received: 03/30/06	
Dublin, CA 94568		Client Contact: Co	ory Divers	Date Extracted: 03/30/06	
		Client P.O.:	· · · · · · · · · · · · · · · · · · ·	Date Analyzed: 03/30/06	
Analytical Method: E335.3	/ Kelada-01	Cyanide	, Total*	Work Orde	er: 0603645
Lab ID	Client ID	Matrix		Total Cyanide	DF
0603645-001G	WorLB-3-30-06-E	W		ND	1 .
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Reporting Limit for $DF = 1$; ND means not detected at or	W	2.0 µg/L	
above the reporting limit	S	NA	

* water samples are reported in ug/L; soil/sludge/solid samples in mg/kg; wipe samples in µg/wipe.

^ All water samples are screened for sulfide interference prior to analysis and treated to remove sulfide if it is present. All soil samples are treated to remove sulfide, nitrate and nitrite interference prior to analysis.

i) liquid sample contains greater than ~1 vol. % sediment; j) reporting limit raised due to high sediment content/matrix interference; m) sample treated to remove interfering nitrate and nitrite per E335 4; n) sample treated to remove interfering nitrate and nitrite per E335 4; p) see attached narrative

DHS Certification No 1644

McCampbell Ana	Teleph	110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Websile: www.nccampbell.com E-mail: main@nccampbell.com			
Pacific States Environmental	Client Projec	>t ID: #605153; DPR	Date Sampled: 03/30/06		
			Date Received:	Date Received: 03/30/06	
11555 Dublin Blvd	Client Conta	ct: Cory Divers	Date Extracted:	03/30/06	
Dublin, CA 94568	Client P.O.:	Client P.O.:		03/31/06	
		Metals*			
Lab ID	0603645-001F			Reporting Lin	nit for $DF = I$;
Client ID V	WorLB-3-30-06- E			ND means r above the re	not detected sporting limit
Matrix	W	ź	2 5 1	S	W
Extraction Type	ITLC			mg/kg	µg/L
Analytical Method: E200.8	Extractio	detals, Concentration* a Method: E200.8		Work Ord	er: 0603645
Dilution Factor	l			1	1
Antimony	1.3			NA	0.5
Arsenic	10			NA	0.5
Beryllium	ND			NA	0.5
Cadmium Chromium				NA	0.25
Copper	52	······································		NA	0.5
Lead	9.4	· · · · · · · · · · · · · · · · · · ·		NA	0.5 0.5
Nicket	6.5			NA NA	0.5
Selenium	0.97	·		- INA NA	0.5
Silver	ND			NA	0.19
Ihallium	ND	·		NA	0.19
Zinc	86			NA	2.0
%\$\$:	120				
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means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument

i) aqueous sample containing greater than -1 vol % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TILC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

Angela Rydelius, Lab Manager

DHS Certification No. 1644

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Mee	Campbell Analy	tical, Inc.		Telepha	venue South, #D7, Pachec one : 925-798-1620 Fax noccampbell.com E-mail:	: 925-798-1622	om
Pacific States Er	nvironmental	Client Pro	ject ID: #	605153; DPR	Date Sample	d: 03/30/06	
11555 Dublin B	lvd				Date Receive	ed: 03/30/06	
Dublin, CA 945	68	Client Co	ntact: Cory	Divers	Date Extracte	ed: 03/30/06	
		Client P.C):		Date Analyze	ed: 03/30/06	
Extraction method: E20	0.8	A	Hardna Analytical nietho			Work Ord	er: 0603645
Lab ID	Client ID	Matrix	Extraction		Hardness	DF	% SS
0603645-001E	WorLB-3-30-06-E	w	DISS		260	10	N/A
			-				
	ALANI,						
	······································						-+
Bouartin	g Limit for DF =1:	11/	DISS		10	······································	

ND means not detected at or $DF = 1$;	W	DISS	10	mg/L
above the reporting limit	S	TTLC	NA	mg/kg

*water samples are reported in mg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for FILC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

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Mc	Campbell Analyt	ical, Inc.	,	Telepho	venue South, #D7, Pacheco, one : 925-798-1620 Fax : 9 necempbell.com E-mail: m	925-798-1622		ı
Pacific States	Environmental	Client Pro	oject ID: #6	05153; DPR	Date Sampled:	03/30/()6	
11555 Dublin	Blvd		:		Date Received	: 03/30/0	06	
Dublin, CA 94	568	Client Co	ntact: Cory I	Divers	Date Extracted	1: 03/30/0)6	
		Client P.C	D.;		Date Analyzed	: 03/31/0)6	
Extraction method: E	:1631		fercury by (Work	Order;	0603645
Lab ID	Client ID	Matrix	Extraction		Mercury		DF	% SS
0603645-001H	WorLB-3-30-06-E	w	TILC		3 5		1	N/A
0603645-0011	WorLB-3-30-06-E/Blank	W	TILC		ND	1	l	N/A
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	Ter no publication that the contract of the co							
	ing Limit for DF =1; ans not detected at or	W	TTLC		0.2		ng/	L

 above the reporting limit
 S
 TTLC
 NA
 mg/kg

 *water samples are reported in ng/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L,

soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument

i) aqueous sample containing greater than -1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TILC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative

DHS Certification No. 1644

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	Telepho	one: (925) 79	8-1620	IECO, CA	94553.	н, #D -5560		1x: (925) 79	8-16	22				τu	RN	Ň A.	RC	C] VUN	HA VD	IN TII	V C ME)F :	CÌ	JS D	TC	n ≹	Y]	RE	ר ס' ב	OF	ک D				 ;,
	Report To: 40 Company: Poul	EET PAT	EL	· · · · · · · · · · · · · · · · · · ·	Bill	To:	\$20.	CIFI	12	578	7773 (-				EDF	Re	qui	redi	? Co	elt	<u>(N</u> c)rm	al)	N	US. o		24	HR	D	48	HR		721] Day
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	Tele: () 475- Project #: 60 Project Location: Sampler Signatur	5753 EMERY			E-N Fax: Proj	1ail: 0 ect N	<i>Ap</i> 925 am	<i>076</i> - 80 e: 1	ZE Z-	43	((F() 3 4	c \$72	vres .	. <i>Л</i> е,	+		tse (5520 E&F/B&F)	ons (418.1)		020)		X			/ 8270 / 8310	244 /2 /2				the second	00 121 CO		2 NO 10/24				
			SAN	1PLING			.	м	AT		. 1	MF	THO	m	Gas (602/802D		& Grease	ocarb		02 / 8		NO S			\ 625	ý.		/6010		2110	30.15	wolf	531	À.	ļ		
	SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers			5	Air		La	PRE	SER	VED	BTEX & TPH as Gas (6	15	Total Petroleum Oil &	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CHAN-17 Metals (Zurac	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	1	Exect concours 1101 7-5	TPW-OVESEL BE	A.	1 JOLEL SURVEY	TOLL ZUIN	14.10.172	MARONESS	
	WARLBY-7-12-E	EFFLuent	4-7-06		2	250		<u> </u>	-				-÷		X	<u> </u>			- III	Щ Д	ш 	四 	E I	<u> </u>	d d	\$	31	<u>ٿ</u>	រ្តិ	Ĥ	X	Chia	Š.	242	74.1	100	
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SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Containers	Water	Soil	All Sludge	Other			HNO,	TPH as	1 m	Total Petroleum Oil	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA	EPA 608 / 8080 EPA 608 / 8080 PCH's ONI V	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by	CAM-17 Metals	LUFT 5 Metals	(0100/7/227/2/14/047/) 1227	1	Ŭ.	1000 0106 E	1 E. 1 1 2 8		411.2	17 M Jaric
ARLB-4-7.06-E	EFFLUENT	4-7-06		2	VCA	X					X		+				<u> </u>		┉╽┈		<u>н</u> ш	.e.	U	Ξ.			3	ЧŽ			S.	i]
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McCampbell Analytical, Inc.

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 708-1620

CHAIN-OF-CUSTODY RECORD

Page i of 2

	1620			We	rkOrd	er: 0(604135		Clie	ntID;	PSED		EDI	F: NO	i .		
Report to: Arneer Patel Pacific States 11555 Dublin I Dublin, CA 94	3lvd		925-803-4333 925-803-4334 #605153; DPR				Pa 11	counts cific Sta 555 Dul blin, CA	ates Er blin Blv	vironm /d	ental		Dai	juested te Rece te Prin	eived:	04/0	5 days 7/2006
				and the second second second second second second second second second second second second second second secon									Diu		<i>tea:</i>	04/0	7/2006
Sample ID	ClientSampID		88-4.5						R	equeste	d Tests	See leg	end bel	low)			
	oliolitoampio		Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0604135-001	BLANK-1	······	Water	D4/07/0000	┯┯╗╌╿┈			,	·								
	BLANK-1	······································	Water	04/07/2006				s]	G		<u></u>	<u> </u>	
0604135-001	BLANK-2	······································	Water	04/07/2006				×.					G H				
0604135-001 0604135-001 0604135-001 0604135-001						E		×.			A		-TAUCAL DATA	B	c		C

Test Legend:

1 218_6_W	2 8270D_W	3 9-OXYS W	4 CN TOTAL W	
6 G-MBTEX_W	7 HARDMS_DISS	8 HGPSA1 W	9 METALSMS W	5 FISHEFF_W
11 PRDISSOLVED	12 SC_W	h		10 PH_W

Prepared by: Kathleen Owen

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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McCampbell Analytical, Inc.

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620 **CHAIN-OF-CUSTODY RECORD**

ClientID: PSED

Page 2 of 2

EDF: NO

Ameer Patel Pacific States 11555 Dublin E Dublin, CA 94	Blvd	TEL: FAX: ProjectNo PO:	925-803-4333 925-803-4334 #605153; DPR				Pac 115	counts l cific Sta 555 Dut blin, CA	ites Envi olin Blvr	vironme d	ental		Dat	uested 1 te Recei te Print	ived:	04/07	5 days 7/2006 7/2006
Connei- 10			_						Re	quester	l Tests	(See leg	jend bel	ow]			
Sample ID	ClientSampID		Matrix	Collection Date	Hold	13	14	15	16	17	18	19	20	21	22	23	24
0604135-001	BLANK-1		Water	04/07/2006		. –	T	l	г				1	r	<u> </u>		
0604135-001	BLANK-2		Water	04/07/2006				<u> </u>						1	ļ		<u> </u>
	WALRB-4/7/06-6		Water	04/07/2006	1-7	D					<u> </u>	+	<u> </u>		ļ		
0604135-001									[1			1			1

WorkOrder: 0604135

Test Legend:

13 TPH(D)_W	14 TURBIDITY_W	15	16	17
18	19	20	21	22
23	24	L		

Prepared by: Kathleen Owen

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

<u>E</u>	McCampbell	Analyti	cal, Inc.		Telep	hone : 925-798-16	7, Pacheon, CA 9455 520 Fax : 925-798-16 1 E-mail: main@meea	622	,	
Pacific	States Environmental		Client Pro	ject ID: #60	5153; DPR		Date Sample	d; 04/07/0)6	
11 5 55 I	Dublin Blvd						Date Receive	ed: 04/07/0)6	
Dette	CA 04569		Client Co	ntact: Ameet	Patel		Date Extract	ed: 04/08/0)6	
Dubiin,	CA 94568		Client P.C):	- 		Date Analyz	ed: 04/08/0)6	
Extraction	Gasoline] method: SW5030B	Range (Co	,	tile Hydroca /tical methods: SV		oline with B	TEX and MII)rder: 00	504135
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	WALRB-4/7/06-E	w	ND	ND	ND	ND	ND	ND	1	108
	····									
	······································				·					
					-					
	·									
								_		
				1						
				P						
	rting Limit for DF =1;	w	50	5.0	0 5	0.5	0.5	0.5	1	μg/L
ND π abo	teans not detected at or we the reporting limit	S	NA	NA	NA	NA	NA	NA		mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/nonaqueous liquid samples in mg/L

cluttered chromatogram; sample peak coelutes with surrogate peak.

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range nontarget isolated peaks subtracted out of the IPH(g) concentration at the client's request.

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Pacific States Environmental Chent Project		Client Project II	D: #605153; DPR	Date Sampled: 04/0	Date Sampled: 04/07/06		
11555 Dublin B	llvd			Date Received: 04/07/06 Date Extracted: 04/07/06 Date Analyzed: 04/07/06			
Dublin, CA 945	68	Client Contact:	Ameet Patel				
C C C C C C C C C C		Client PO:	· · · · · · · · · · · · · · · · · · ·				
Extraction method: SW			ractable Hydrocarbor I methods: SW8015C		ork Order:	0604135	
Lab ID	Client ID	Matrix	TPI	I(d)	DF	% SS	
0604135-001D	WALRB-4/7/06-E	W	N	D	l	92	
	·····		-				
				, <u></u>	1		
				······································	+		

Reporting Limit for DF =1; ND means not detected at or	w	50	μg/L
above the reporting limit	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / SILC / SILC / SILP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline or; surrogate has been diminished by dilution of original extract

+The following descriptions of the IPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium builing point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/productions present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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Angela Rydelius, Lab Manager

p. 8

Client Project ID: Client Contact: A Client P.O : Atile Organics + ED Analytical Method	ameet Patel	Date Sampled: Date Received: Date Extracted:	04/07/06	
Client P.O : atile Organics + ED	·	Date Extracted:		
Client P.O : atile Organics + ED	·		04/07/06	
atile Organics + ED			07/07/00	
-	-	Date Analyzed:	04/07/06	
		&I and GC/MS*	Work Ord	er: 060413
4135-001L				
LB-4-7-06-		** ,*=	Reporting	I imit for
w k				
1	h de 101 1 7 11 1 <i>4</i> ha prime	·····	s	w
	Concentration		ug/kg	μg/L
ND			NA	05
ND			NA	5 0
ND			NA	05
ND			NA	0 5
ND			NA	05
ND			NA	50
ND			NA	0.5
ND			NA	500
ND			NA	0.5
Surrogate Rec	overies (%)		1, t	
105				
	11 = h			
/sludge/solid samples in n pe	ng/kg . product/oil/non-aqu	eous liquid samples and	all TCLP & SP	LP
A means analyte not appl	icable to this analysis			
her peak; &) low surroga	te due to matrix interference	ce		
it near, but not identical to	o our standard reporting lin	nit due to variable Enco	le diluted due 10 re sample weigt	ohigh ոք; m)
	W 1 ND ND ND ND ND ND ND ND ND ND ND Surrogate Rec 105 /sludge/solid samples in n ipe. /A means analyte not appl ther peak; &) low surroga ssent; i) liquid sample tha it near, but not identical t	LB-4-7-06- R W I Concentration ND LB-4-7-06- E W 1 Concentration ND Surrogate Recover ics (%) 105 <td< td=""><td>LB-4-7-06- B Reporting DF 1 S 1 S ND NA ND S</td></td<>	LB-4-7-06- B Reporting DF 1 S 1 S ND NA ND S	

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р.9

McCampbell Analytical, Inc.				110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.mccampboll.com E-mail: main@mccampiteli.com				
Pacific States Environmental	С	Client Project ID: #60515			Date Sampled: 04/07/06			
11555 Dublin Blvd				Γ	ate Received:	04/07/06	,	
Dublin CA 04569	C	ient Co	ntact:	Ameet Patel D	ate Extracted:	04/07/06	·····	
Dublin, CA 94568	C	ient P C):	D	ate Analyzed: (04/10/06		
	Semi-Volati	le Orga	nics b	y GC/MS (Basic Target Li	st)*			
Extraction Method: SW3510C		A	nalytical I	Aethod: SW8270D		Work Order	:: 0604135	
Lab ID	· · · · · · · · · · · · · · · · · · ·			0604135-001M				
Client ID				WARLB-4-7-06-E				
Matrix				Water				
Compound	Concentration	* DF	Reporti Limit		Concentrat	tion * DI	Reportin	
Acenaphthene	ND	1.0	10	Acenaphthylene	ND	1.0		
Acetochlor	ND	1.0	10	Anthracene	ND	1.0		
Benzidine	ND	1.0	50	Benzoic Acid	ND	1.0	50	
Benzo(a)anthracene	ND	1.0	- 10	Benzo(b)fluoranthene	ND	1.0	10	
Benzo(k)fluoranthene	ND	10	10	Benzo(g,h,i)perylene	ND	1.0	10	
Benzo(a)pyrene	ND	10	10	Benzyl Alcohol	ND	1.0	20	
1,1-Biphenyl	ND	1.0	10	Bis (2-chloroethoxy) Methane	ND	1.0	10	
Bis (2-chloroethyl) Ether	ND	1.0	10	Bis (2-chloroisopropyl) Ether	ND	10	10	
Bis (2-ethylhexyl) Adipate 4-Bromophenyl Phenyl Ether	ND	1.0	10	Bis (2-ethylhexyl) Phthalate	ND	10	10	
4-Chloroaniline	<u>ND</u>	10	10	Butylbenzyl Phthalate	ND	1.0	10	
-Chloronaphthalene	<u>ND</u>	1.0	20	4-Chloro-3-methylphenol	ND	1.0	10	
-Chlorophenyl Phenyl Ether	<u>ND</u>	10	10	2-Chlorophenol	ND	1.0	10	
Dibenzo(a,h)anthracene	ND	1.0	10	Chrysene	ND	1.0	10	
Di-n-butyl Phthalate	NDND	1.0	10	Dibenzofuran	ND	1.0	10	
.3-Dichlorobenzene	ND	1.0	10	1,2 Dichlorobenzene	ND	1.0	10	
3,3-Dichlorobenzidine	ND ND	1.0	10 20	1,4-Dichlorobenzene	ND	10	10	
Diethyl Phthalate	ND	1.0	10	2,4-Dichlorophenol	• ND	1.0	10	
Dimethyl Phthalate	ND	1.0	10	2,4-Dimethylphenol 4,6-Dinitro-2-methylphenol	ND	1.0	10	
2,4-Dinitrophenol	ND	1.0	50	2,4-Dinitrotoluene	ND	1.0	50	
,6-Dinitrotoluene	ND	10	10	Di-n-octyl Phthalate	ND ND	1.0	10	
,2-Diphenyihydrazine	ND	1.0	10	Fluoranthene	ND	1.0	10	
luorene	ND	10	10	Hexachlorobenzene	ND	1.0	10	
lexachlorobutadiene	ND	1.0	10	Hexachlorocyclopentadiene	ND	10	50	
lexachlorocthane	ND	10	10	Indeno (1,2,3-cd) pyrene	ND	10	10	
ophorone	ND	10	10	2-Methylnaphthalene	ND	1.0	10	
-Methylphenol (o-Cresol)	ND	1.0	10	3 &/or 4-Methylphenol (m,p-Cres		1.0	10	
aphthalene	ND	1.0	10	2-Nitroaniline	ND	1.0	50	
Nitroaniline	ND	1.0	-50	4-Nitroaniline	ND	1.0	50	
itrobenzene Nitrophenol	ND	10	50	2-Nitrophenol	ND	1.0	50	
-Nitrosodi-n-propylamine	ND	1.0	50	N-Nitrosodiphenylamine	ND	1.0	10	
ienanthrene	ND	1.0	10	Pentachlorophenol	ND	1.0	50	
viene	ND ND	10	10	Phenol	ND	1.0	10	
4,5-Trichlorophenol	ND ND	1.0	10	1,2,4-Trichlorobenzene	ND	1.0	10	
S	<u></u>		10	2,4,6-Trichlorophenol	ND	1.0	10	
%SS1:			ogate Re	coveries (%)		<u> </u>		
%\$\$3:	111			%SS2:		115		
%SS5:	103			%\$\$\$4:		87		
omments:	116) 		%SS6:		90		

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol % sediment; j) sample diluted due to high organic content/matrix interference

_Angela Rydelius, Lab Manager

Mce	Campbell Analytic	cal, Inc.		Telephone :	South, #D7, Pacheco, C 925-798-1620 Fax: 925 mpbell.com E-mail: main	-798-1622	n
Pacific States E	invironmental	Client Project II): #6	05153; DPR	Date Sampled:	04/07/06	
11555 Dublin B	lvd				Date Received:	04/07/06	
Dublin, CA 945	50	Client Contact:	Amee	t Patel	Date Extracted:	04/10/06	
		Client P O :			Date Analyzed:	04/10/06	
Analyticai Method: I	E335.3 / Kelada-01	Cyani	de, T	otai*		Work Order	: 0604135
Lab ID	Client ID	Mat	rix		Fotal Cyanide		DF
0604135-0011	WARLB-4-7-06-E	W	T	and an and a second second second second second second second second second second second second second second	ND		1
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				<u> </u>			
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					······································		
·							
]

Reporting Limit for $DF = 1$; ND means not detected at or	W	2 0 µg/L	
above the reporting limit	S	NA	

* water samples are reported in ug/L; soil/sludge/solid samples in mg/kg; wipe samples in µg/wipe.

^ All water samples are screened for sulfide interference prior to analysis and treated to remove sulfide if it is present. All soil samples are treated to remove sulfide, nitrate and nitrite interference prior to analysis.

i) liquid sample contains greater than ~1 vol. % sediment; j) reporting limit raised due to high sediment content/matrix interference; m) sample treated to remove interfering nitrate and nitrite per E335 4; n) sample treated to remove interfering nitrate and nitrite per E335 4; p) see attached narrative

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Angela Rydelius, Lab Manager

McCar	npbell Analyti	cal, Inc.	Teleph	venue South #D7. Pacheco, CA one : 925-798-1620 Pax : 925- mccampbell.com E-mail: main	-798-1622		
Pacific States Envir	onmental	Client Project ID:	#605153; DPR	Date Sampled:	04/07/06	б	
11555 Dublin Blvd				Date Received:	04/07/06		
Dublin, CA 94568		Client Contact: Ar	neet Patel	Date Extracted:	04/07/06		
200 m , 011 9 1 500		Client P O :	·······	Date Analyzed:	04/08/06		
Analytical Method: B218.6		Hexachroi	ne by IC*		Work Order: 06	604135	
Lab ID	Client ID	Matrix		Hexachrome		DF	
0604135-001E	WALRB-4/7/06-E	W		ND		- 1	
		:					
			······································				
		1		<u> </u>			
·····							

Reporting Limit for $DF = 1$; ND means not detected at or	W	0.2 μg/L	
above the reporting limit	S	NA	
	i		

* water samples are reported in µg/L.

N/A means surrogate not applicable to this analysis; # surrogate diluted out of range or surrogate coelutes with another peak

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~I. vol. % sediment; j) sample diluted due to matrix interference; p) see attached narrative

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Angela Rydelius, Lab Manager

p.12

McCampbell An	alytical, Ind	2.	Telepho	enue South, #D7, Pacheco, C me : 925-798-1620 Fax : 92 nccampbell.com E-mail: mai	5-798-1622	com
Pacific States Environmental	Client Project ID: #605153; DPR			Date Sampled:	04/07/06	
				Date Received:	04/07/06	
11555 Dublin Blvd	Client Co	ontact: An	neet Patel	Date Extracted	04/07/06	
Dublin CA 04568						
Dublin, CA 94568	Client P.			Date Analyzed	04/10/06	
		Met	als#			
Lab ID	0604135-001B				Reporting Lin	nit for DF =1;
Client ID	WALRB-4/7/06- E				ND means	
Matrix	W				S	w
Extraction Type	TTLC	-			mg/kg	µg/L
Analytical Method: E200.8		IS Metals,	Concentration*		NI-1-0-4	. 0.01102
Dilution Factor	1	ACTION MICHING			i	er: 0604135
Antimony	1.3				NA	0.5
Arsenic	7.5		···-		NA	05
Beryllium	ND				NA	0.5
Cadmium	ND				NA	0.25
Chromium	7.6				NA	0.5
Copper	80	_			NA	0.5
Lead	24				NA	0.5
Nickel	10				NA	0.5
Selenium	J.I .				NA	0.5
Silver	ND		_		NA	0.19
Thallium	ND				NA	05
Zine	21				NA	5.0
%\$S:	117					
an yang kanala menangkanan kanala kanala kanala kanala menangkan kanala kanala kanala kanala kanala kanala kana	and the second descent second second second second second second second second second second second second seco		an ta ta tanàna mangkan amin' any kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia kaomini		n dy, in den yn dyfyne (m. 1995)	
Comments		· · · · · · · · · · · · · · · · · · ·				
water samples are reported in ug/L, product/	oil/non-squeous liqui	id complee as	A all TOLD / STLC / DIS	TI O (ODI D		

water samples are reported in ug/L, product/oil/non-aqueous liquid samples and all TCLP ' STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in μ g/wipe, filter samples in μ g/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument

i) aqueous sample containing greater than ~ 1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery; n) results are reported on a dry weight basis; p) see attached narrative.

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McCampbell Analytical, Inc.			•	 110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com 				
Pacific States Er	vironmental	Client Pro	oject ID: #	605153; DPR	Date Sampled:	04/07/06		
11555 Dublin Bl	lvd		·		Date Received:	04/07/06		
Dublin, CA 9450	58	Client Co	utact: Ame	et Patel	Date Extracted;	04/07/06		
		Client P.C).:		Date Analyzed:	04/10/06		
Extraction method: E163	31		fercury by			Work Order	: 0604135	
Lab ID	Client ID	Matrix	Extraction		Mercury	DF	% SS	
0604135-001F	WALRB-4/7/06 E	w	TILC		2.8	1	N/A	
0604135-001G	BLANK-1	w	TILC		ND	1	N/A	
0604135-001H	BLANK-2	w	TILC		ND	1	N/A	
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	·							
					· · · · · · · · · · · · · · · · · · ·			

Reporting Limit for $DF = 1$; ND means not detected at or	W	TTLC	0.5	ng/L	
above the reporting limit	S	TTLC	NA	mg/kg	

*water samples are reported in ng/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in μ g/wipe, filter samples in μ g/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument

i) aqueous sample containing greater than \sim l vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for ITLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high sunrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative

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McCampbell Analytical, Inc.		110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.mccampbell.com E-mail: main@nxcampbell.com			
Pacific States Environmental	Client Project ID:	#605153; DPR	Date Sampled: 04/07/0	6	
11555 Dublin Blvd			Date Received: 04/07/0	6	
Dublin, CA 94568	Client Contact: An	neet Patel	Date Extracted: 04/07/0	б	
	Client P.O.:		Date Analyzed: 04/07/0	6	
Analytical Method: SM2130B	Turb	idity	Work	Order: 0604135	
Lab ID Client ID	Matrix		Turbidíty	DF	
0604135-001J WARLB-4-7-06-	E W		29.0	1	
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······					
		-			
Reporting Limit for DF = 1; ND means not detec above the reporting limit			0 1 NTU		
presence of debris / coarse sediment	S		NA		

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___Angela Rydelius, Lab Manager

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iviccam	pbell Analytica	u, Inc.	 110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.inccampbell.com B-mail: main@mccampbell.com 					
Pacific States Environ	nmental (Client Project ID	: #605153; DP	'R Date Sampled: 04/07/0	6			
11555 Dublin Blvd				Date Received: 04/07/0	04/07/06			
Dublin, CA 94568	C	lient Contact: A	meet Patel	Date Extracted: 04/07/0	6			
		lient PO:		Date Analyzed: 04/07/0	5			
Analytical Method: SM4500H	+B	P	H*	Work (Drder: 0604			
Lab ID	Client ID		Matrix	pH				
0604135-001C	WALRB-4/7/06-1	3	w	8 10 @ 15.6℃				
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·								
		·						
· · · · · · · · · · · · · · · · · · ·								
	·				.			
Method Accuracy and	Reporting Units		W	±0 05, pH units @ °C				
	_		S	NA				

Mc	Campbell Analy	tical, Inc	•	Teleph	venue South, #D7, Pacheco, C one : 925-798-1620 Fax : 92 mecampbell.com E-mail: mai	5-798-16	22	m		
Pacific States E	nvironmental	Client Pro	oject ID: #0	605153; DPR	Date Sampled: 04/07/06					
11555 Dublin B	llvd			Date Received:	04/07	7/06	** 7**********************************			
Dublin, CA 945	68	Client Co	ntact: Ame	et Patel	Date Extracted:	04/07	7/06			
		Client P.C	D.:		Date Analyzed:	04/10	/06			
Extraction method: E20	0.8	1	Hardne		aaren Lataron an an an an an an an an an an an an an	Wa	ork Order:	0604135		
Lab ID	Client ID	Matrix	Extraction		Hardness	Alexandra and Alexandra	DF	% SS		
0604135-001K	WARLB-4-7-06-E	w	DISS		290	energi (paga (darang)	100	N/A		
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		3				·				
								1		

Reporting Limit for DF =1; ND means not detected at or	w	DISS.	1.0	mg/L
above the reporting limit	S	TTLC	NA	mg/kg

*water samples are reported in mg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument

i) aqueous sample containing greater than ~ 1 vol % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative

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8	2006	4:20 PM	McCAMPBELL	ANALYTICAL

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	McCam	pbell Ana	lytical, I	nc.	1	Telephone: 925	798-1620 Fax :	, CA 94553-5560 925-798-1622 nain@mccampbell		<u> </u>	
Pacific Sta	tes Environ	mental		Client Pr	toject ID: #6(5153; DPR		Date Sampled: 04/07/06			
11555 Dul	hin Blud							Date Recei	ved: 04/07/	 06	
11333 170				Client C	ontact: Ameet	Patel		·	cted: 04/10/		
Dublin, CA	A 94568			Client P.							
					· · · · · · · · · · · · · · · · · · ·				zed: 04/12/	06-04/16/0	
Extraction M	ethod: CADFG	(Polinsi & Miller)	A Title 22 A		ioassay Screen		lazardous W	aste	Work	Order: 060413:	
	Lab ID	060413			Species	Pimephal	les Promelas	A	g. Length	3.563	
	ient ID	WARLB-		Ca	ommon Name		Minnows		g. Weight	0.4158	
	Matrix	Wa							ax Weight	0.465	
Control	Water	Soft Synth	etic Water					1	in Weight	0.376	
oncentratior	Su	rvival	Dissolved	O2 (mg/L)	pl	1	Tempe	rature (°C)	1		
and the second second second second second second second second second second second second second second second	A	B	A	В	A	В	A	В	- Con	uments	
Control	10	10	8.91	8.78	7.61	7.60	20.0	201	Analyst:	SC	
250mg/L	10	10	8.33	8.37	7.34	7.35	20.7	20.8			
500mg/L	10	10	8.40	8 47	7.36	7 37	20.8	20.8	Date:	4/12/200	
750mg/L	10	10	8.38	8.49	7.26	7.27	20.8	20.9	Time:	4:30 PM	
Control	10	10	8.31	8.26	7.11	7.10	20.6	21.0	Analyst:	CK	
250mg/L	10	10	8.10	8.25	7.06	7 07	20.8	20.5			
500mg/L 750mg/L	10	10	8.29	8.26	7 18	7.17	20.6	20.8	Date:	4/13/200	
Control	10	10	8.03	8.17	7.03	7.04	21.0	20.8	Time:	4:30 PM	
250mg/L	10	10	7.15	7.17	7.20	7.19	20.6	20.4	Analyst:	SC	
500mg/L	10	10	7.93	7.94	6.84	6 8 5	20 8	20.9			
750mg/L	10	10	7.79	7.66	6.88	6.87	20.9	20.8	Date:	4/14/200	
Control	10	10	7.58	7.64	6.83	6.84	20.9	21.0	Time:	4:30 PM	
250mg/L	10	10	6 56	6.58	7.22	7,21	20.4	20.5	Analyst:	SC	
500mg/L	10	10	6 99	6.97	6.97	698	20.4	20.5		ļ	
750mg/L	10	10	6.19 5.65	<u> </u>	7.00	7.01	20.5	20.6	Date:	4/15/200	
Control	10	10	6.10	<u>5.60</u> 6.12	7.06	7.05	20.4	20.5	Time:	4:30 PM	
250mg/L	10	10	5.63	5.67	7 09	7.08	19.4	19.3	Analyst:	SC	
500mg/L	10	10	5.65	5.70	7.14	7.13	19.4	19.5	m	ļ	
750mg/L	10	10	4.29	4.30	7.16	7 19 7.17	19.5	19.4	Date:	4/16/2006	
· · · · · · · · · · · · · · · · · · ·						<u> </u>	19.4	19.5	Time:	4:30 PM	
				Initi	· · · · · · · · · · · · · · · · · · ·			Fin	al		
Hardne	ss (mg/L as C	9CO3	Cont		750 mg			ıtrol	750	mg/L	
			39.5		40.4			.63		5.27	
Alkalinity (mg/L as CaCO3)33 3Conductivity (uS/cm)233.							46	16.24 41.68 78.2 177.5			

Result: This sample passed the Hazardous Waste toxicity test since the final mortality rate in the 750mg/L sample after 96hrs. is

96 LC50:

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95% Upper Confident Limit: N/A

N/A

I C50 Method: N/A 95% Lower Confident Limit: N/A

Angela Rydelius, Lab Manager

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McCa	mpbell Analyti	cal, Inc.	Telepho	renue South, #D7, Pacheco, CA 94553-55 ne : 925-798-1620 Fax : 925-798-1622 necampbell.com E-mail: nain@mecampbe	
Pacific States Envir	ronmental	Client Project ID: #605153; DPR		Date Sampled: 04/07/06	5
11555 Dublin Blvd	ł		Date Received: 04/07/00	5	
Dublin, CA 94568		Client Contact: Ar	neet Patel	Date Extracted: 04/07/06	5
		Client P.O : Date Analyzed: 0			 i
Analytical Method: SM25	10B	Specific Co	nductivity*	Work (Order: 0604135
Lab ID	Client ID	Matrix	S	Specific Conductivity	DF
0604135-001C	WALRB-4/7/06-E	W		1050 @ 25 0°C	1
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·					

Reporting Limit for $DF = 1$; ND means not detected at or	W	10 μmhos/cm @ 25°C	
above the reporting limit	S	NA	

* Salinity (mg/L) = 0.64 * S C (μ mhos/cm @ 25°C) per SSSA volume 5 part 3.

DHS Certification No. 1644

IDD 2 ^{ar} AVENUE SOUTH, 807 PACHECO, CA 94553-5560 CHAIN OF CUSTODY RECOM TURN AROUND TIME Telephone: (925) 798-1620 Report To: Anneer More	
Report To: Ameter Abre L RUSE A HR 48	
Company: MACIFIC State Mail Mail<	2 Q Q 72 HR 5 DAY
F-Mail: Marter @ numericspace F-Mail: Marter @ numericspace Tote: 0. 975.92.9.3737 F-Mail: Marter @ numericspace Project Location: Image and the contrainer of the co	0
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NUMBER Number Number March X X X Marc X X	sotte c
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McCampbell Analytical, Inc.

<u>e</u>

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

GHAIN-OF-CUSTODY RECORD

Page 1 of 1

Report to: Arneer Patel Pacific States Env 11555 Dublin Blvd Dublin, CA 94568	t	TEL; FAX: ProjectNo; PO:	925-803-4333 925-803-4334 #6055153; DPF	{			Pa(113	cific St 555 Du	Payat ates E Iblin Bl A 9456	nvironm vd	ental		Dat	uested 'e Rece 'e Prim	ived:	04/07	1 day //2006 //2006
					[R	equeste	d Tests	(See leg	gend bel	ow)			
Sample ID	CilentSampID		Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0604134-001	BLANK-1		Water	04/07/2006			<u></u>		}		G	Ţ		T	· ·		
0604134-001	BLANK-2		Water	04/07/2006							Н						+
604134-001	WARLB-4-7-06-		Water	04/07/2006		Е	K	J		A	- <u></u>	B	c	-c	D	+	
					·												
Test Legend:																	
1 218_6_W	2		D_W		-OXYS	_W		[4	CN_T	OTAL_W		[5	G-M	BTEX_V	N
6 HGPSA1_W	V 7	RATTAL	SMS_W	8	PH_V				9		C_W		r	10	TP		

Prepared by: Kathleen Owen

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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	McCampbell .	Analyti	cal, Inc.		Telep	hone : 925-798-10	h, #D7, Pacheco, CA 94553-5560 98-1620 F#x : 925-798-1622 Il com E-mail: main@mccampbell.com						
Pacific	States Environmental		Client Pro	ject ID: #60	55153; DPR		Date Sample	d: 04/07/0)б				
11555 I	Dublin Blvd						Date Received: 04/07/06						
Dublin	CA DARCE		Client Cor	ntact; Ameet	Ameet Patel Date Extracted: 04/08/06								
	CA 94568		Client P.O	;	Date Analyzed: 04/08/06								
Extraction	Gasoline 1 method: SW5030B	Range (Ct		tile Hydroca tical methods: SV		oline with B	TEX and MTI		rder: 06	504134			
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS			
001A	WARLB-4-7-06-1	w	70,a	ND	063	ND	ND	ND	1	105			
				-									
				-									
			-	-									
													
								···· ···· .					
								<u> </u>					
	orting limit for DF =1;	w	50	5.0	0.5	0 5	0.5	0.5	1	µg/L			
	neans not detected at or ove the reporting limit	S	NA	NA	NA	NA	NA	NA		mg/Kg			

* water and vapor samples and all TCIP & SPLP extracts are reported in ug/I, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/nonaqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the IPH chromatogram are cursoly in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or dicsol range compounds are significant; h) lighter than water immiscible sheeh/product is present; i) liquid sample that contains greater than ~1 vol % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas) m) no recognizable pattern; n) TPH(g) range nontarget isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

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M	cCampbell Analyt	ical, Inc.	110 2nd Avenne South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 Website: www.mccampbell.com E-mail: msin@mccampbell.com					
Pacific States	s Environmental	Client Project ID:	Client Project ID: #6055153; DPR Date Sampled: 04/07					
11555 Dublii	n Blvd		Date Receive					
Dublin, CA 9	4568	Client Contact: A	Date Extracted: 04/07	/06				
		Client P O :		Date Analyzed: 04/07	/06			
Extraction method:	as Diesel* wo	ork Order:	0604134					
Lab ID	Client ID	Matrix	TPH(d)	DF	% SS		
0604134-001D	WARLB-4-7-06-I	w	ND		1	89		
	<u> </u>							
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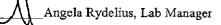
Reporting Limit for DF =1; ND means not detected at or	W	50	μg/L
above the reporting limit	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / STLC / SPLP / TCI P extracts are reported in µg/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract

+The following descriptions of the IPH chromatogram are cursory in nature and McCampboll Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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McCampbell An	alytical, Inc	2	Telephor	nue South, #D7, Pacheco, C 18 : 925-798-1620 Fax : 92 accampbell.com E-mail: mai	25-798-1622	on	
Pacific States Environmental	Client P.	roject ID:	#6055153; DPR	Date Sampled:	Date Sampled: 04/07/06		
11555 Dublin Blvd				Date Received:	04/07/06		
	Client C	ontact: Ai	meet Patel	Date Extracted:	04/07/06		
Dublin, CA 94568	Client P	O .:		Date Analyzed:	04/07/06		
Oxygenated Extraction Method: SW5030B	•	lics + EDI	3 and 1,2-DCA by P d: \$W\$260B	&T and GC/MS*	W ork Ord	er: 0604134	
Lab ID	0604134-001J						
Client ID	WARLB-4-7-06-I	· • • • • • • • • • • • • • • • • • • •			Reporting		
Matrix	W		· · · · · · · · · · · · · · · · · · ·	······	- DF	=]	
DF	1				S	w	
Сотроилд		:	Concentration		ug/kg	µg/L	
ert-Amyl methyl ether (TAME)	ND				NA	0.5	
-Butyl alcohol (IBA)	12				NA	50	
1 2-Dibromoethane (EDB)	ND				NA	05	
,2-Dichloroethane (1,2-DCA)	0.62	· · · ·			NA	05	
Diisopropyl ether (DIPE)	0 58				NA	0 5	
3thanol	ND				NA	50	
Ethyl tert-butyl ether (EIBE)	ND				NA	Q5	
Viethanol	ND				NA	500	
Methyl-t-butyl ether (MIBE)	ND	-			NA	05	
	Surro	gate Reco	over ies (%)				
%SS1:	103						
omments					<u>+</u>		
water and vapor samples are reported in µg tracts are reported in mg/L, wipe samples i	n μg/wipe	- :		eous liquid samples and	all TCLP & SF	PLP	
D means not detected above the reporting l			-				
surrogate diluted out of range or coelutes w lighter than water immiscible sheen/produ ganic content/matrix interference; k) report porting limit raised due to insufficient same	ct is present; i) liquid ing limit near, but no	sample that	contains greater than ~1 v our standard reporting fir	rol % sediment; j) samp nit due to variable Encor	le diluted due t re sample weig	o high ht: m)	

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Pacific States Environmental Client Project ID: #6055153; DPR Date Sampled: 04/07/06 11555 Dublin Blvd Client Contact: Ameet Patel Date Extracted: 04/07/06 Dublin, CA 94568 Client Contact: Ameet Patel Date Extracted: 04/07/06 Exercise Mohat: \$\%3510C Xabyteal Method: \$\%270D Work Deduce 04/14/ Date Sampled: 04/07/06 Semi-Volatile Organics by GC/MS (Basic Target List)* Work Deduce 04/14/ Client D Xabyteal Method: \$\%270D Work Deduce 04/14/ Client D Matrix Wark LB-47-06-1 Wark Deduce 04/14/ Compound Concentration * DF No 10	McCampbell	Analytic	al,	Inc.	<u></u>	Telephone : 92	5-798-16	7, Pacheco, CA 94553- 520 Fax : 925-798-162 5 E-mail: main@mccam	2	i
Dublin, CA 94563 Client Contact: Arneet Patel Date Extracted: 04/07/06 Semi-Volatile Organics by GC/MS (Basic Target List)* Date Analyzed: 04/10//06 Exeration Method: \$W3100 Semi-Volatile Organics by GC/MS (Basic Target List)* Matrix Matrix Wark Decision of the second of t	Pacific States Environmental		Clie	nt Proj	iect ID:	: #6055153; DPR I	Date S	ampled: 04/07/	/06	
Dublin, CA 94568 Client P O : Date Analyzed: 04/10/06 Semi-Volatile Organics by GC/MS (Basic Target List)* Xeek 0ede: 60/0134 Lab ID 06/0134-001K Water Client ID Water Water Compound Concentration * DF Mapping Association ND 10 10 10 Benzolf Andream ND 10 10 10 10 Benzolf Andream ND 1.0 10 Association ND 1.0 10 Benzolf Andreame ND 1.0 10 10 10 10 10 Benzolf Andreame ND 1.0 10 Benzolf Andreame ND 1.0 10 10 10 Benzolf Andreame ND 1.0 10 Benzolf Andreame ND 1.0 10 10 10 Benzolf Andreame ND 1.0 10 Benzolf Andreame ND 1.0 10 10 Benzolf Andreame ND 1.0 </td <td>11555 Dublin Blvd</td> <td></td> <td></td> <td></td> <td></td> <td> I</td> <td>Date R</td> <td>leceived: 04/07/</td> <td>/06</td> <td></td>	11555 Dublin Blvd					I	Date R	leceived: 04/07/	/06	
Semi-Volatile Organics by GC/MS (Basic Target List)* Analytical Method. SW2:200 Work Order: 040134 Lab TD 0604134-001K Compound Concentration * DF Repeting Exact for the system NO 1.0 NO 1.0 <th< td=""><td>Dublin, CA 94568</td><td></td><td>Clie</td><td>nt Con</td><td>tact: A</td><td>Lmeet Patel</td><td>Date E</td><td>xtracted: 04/07/</td><td>′06</td><td></td></th<>	Dublin, CA 94568		Clie	nt Con	tact: A	Lmeet Patel	Date E	xtracted: 04/07/	′06	
Exercation Mediod: \$W 3310C Analytical Mediod: \$W 3210D Work Order: 0xe0113 Lab ID (6041134-001K Compound Concentration * DP Name of the second s	unission and the state of the s		Clier	nt P.O			Date A	nalyzed: 04/10/	06	
Lab ID 0604134-001K Client ID WaRLB-47-06-7 Water Compound Concentration * DF Separation of the second concentration * DF Separation of the second concentration * DF Separation of the second concentration f the second concentratin the second concentration	Extraction Method: SW3510C	Semi-Vol	atile				ist)*	Wor	k Order (X60413.4
WARLB-47-06-! Warrer Compound Concentration * DF Reporting Compound Concentration * DF Reporting Compound Concentration * DF Reporting Accentration * DF Reporting ND 10 Addition to the state of the stat	T ah TD									
Matrix Water Compound Concentration * DF Recapiture Line Compound Concentiation * DF Recapiture Line Accenapiture ND 10 10 10 Accenapitylene ND 10 10 Benzaline ND 10 10 Anthracene ND 10 10 Benzaline ND 10 10 Benzaline ND 10 10 Benzaline ND 10 10 Benzaline ND 10 10 Benzaline ND 10 10 Benzaline ND 10 10 Benzaline ND 10 10 Bis (2-chlorosapropy) Bither ND 10 10 Bis (2-chlorosapropy) Phenyl Ether ND 10 10 Bis (2-chlorosapropy) Phenyl Ether ND 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										
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Concentration DP Linal Compound Compound Concentration * DP Linal Aceapabulene ND 10 10 10 Acenaphthylene ND 1.0 10 Acetochlor ND 1.0 10 Anthracene ND 1.0 10 Benzo(s)mthracene ND 1.0 10 Benzo(s)mthracene ND 1.0 10 Benzo(s)mthracene ND 1.0 10 Benzo(s)mthracene ND 1.0 10 Benzo(s)mthracene ND 1.0 10 Benzo(s)fucorations ND 1.0 10 Benzo(s)mthracene ND 1.0 10 Bis (2-chloro-structure) Methate ND 1.0 10 Benzo(s)fucorations ND 1.0 10 Bis (2-chloro-structure) Methate ND 1.0 10 Bis (2-chloro-structure) Athracene ND 1.0 10 10 10 10 10 Bis (2-chloro-structure) Athratate ND 1.0						Subsection and an additional and an additional addi	.); c			
Aceanghibene ND 10 10 Aceanghibyene ND 10 10 Acetochlor ND 1.0 10 Anthracene ND 1.0 10 Benzol(a)mthracene ND 1.0 10 Benzol(a)mthracene ND 1.0 10 Benzol(a)mthracene ND 1.0 10 Bis (2-chloreal)mtoxy) Methane ND 1.0 10 Bis (2-chloreal)Mtaset ND 1.0 10 Bis (2-chloreal)Mtaset ND 1.0 10 Chloreanghibhalene ND 1.0 10 Bis (2-chloreal)Mtaset ND 1.0 10 Chloreanghibhalene ND 1.0 10 10	Compound	Concentratio	m *	DF		Compound		Concentration *	DF	Reportán
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Benzaldine ND 1.0 50 Benzoic Acid ND 1.0 50 Benzo(a)anthrace ND 1.6 10 Benzo(c)/huoranthene ND 1.6 10 Benzo(c)/prome ND 1.0 10 Benzo(c)/huoranthene ND 1.0 10 Benzo(c)/prome ND 1.0 10 Benzo(c)/huoranthene ND 1.0 10 Benzo(c)/prome ND 1.0 10 Benzo(c)/huoranthene ND 1.0 10 Benzo(c)/moranthene ND 1.0 10 Bis (2-chlorosthoxy) Methane ND 1.0 10 Bis (2-chlorosthy)/ Ether ND 1.0 10 Bis (2-chlorosthoxy) Methane ND 1.0 10 Bis (2-chlorosthy)/ Pheny Theny										
Benze(c)mthracene ND 1.0 10 Benze(c)mtoranthene ND 1.0 10 10 Benze(c)mtoranthene ND 1.0 10 Benze(c)mtoranthene ND 1.0 10 Benze(c)mtoranthene ND 1.0 10 Benze(c)mtoranthene ND 1.0 10 Bit (2-chtorechty) Ether ND 1.0 10 Bit (2-chtorechty) Methane ND 1.0 10 Bit (2-chtorechty) Ether ND 1.0 10 Bit (2-chtorechty) Ether ND 1.0 10 Chtoranthine ND 1.0 10 Bit (2-chtorechty) Ether ND 1.0 10 Chtoranthinae ND 1.0 10 Bit (2-chtorechty) Ether ND 1.0 10	Benzidine					· · · · · · · · · · · · · · · · · · ·	-			
Benze(c)/Juoranthene ND 1 0 <th1 0<="" th=""> 1 0 <th1 0<="" th=""></th1></th1>	Benzo(a)anthracene							· · · · · ·		
Benze(a)pyrene ND 1.0 10 Benzyl Alcohol ND 1.0 20 1,1-Bighenyl ND 1.0 10 Bis (2-chlorosinyc) Mathane ND 1.0 10 Bis (2-chlorosinyc) Ether ND 1.0 10 Bis (2-chlorosinyc) Mathane ND 1.0 10 Bis (2-chlorosinyc) Ether ND 1.0 10 Bis (2-chlorosinyc) Mathane ND 1.0 10 Bis (2-chlorosinyc) Phathalate ND 1.0 10 Bis (2-chlorosinyc) Phathalate ND 1.0 10 Chlorosanhine ND 1.0 10 2-Chlorosinkalate ND 1.0 10 Chlorosanhinalene ND 1.0 10 Diserzo(hran ND 1.0 10 Chlorosankinalene ND 1.0 10 Diserzo(hran ND 1.0 10 Jendeloroberzene ND 1.0 10 1.2-Diskhoroberzene ND 1.0 10 Jenserzyl Phathalate ND 1.0 <	Benzo(k)fluoranthene								-	
11-Bighenyl ND 1.0 10 15: (2-chlorosity) Methane ND 1.0 10 Bis (2-chlorosity) Ether ND 1.0 10 Bis (2-chlorosity) Phthalate ND 1.0 10 Bis (2-chlorosity) Ether ND 1.0 10 Bis (2-chlorosity) Phthalate ND 1.0 10 All comphenyl Phenyl Ether ND 1.0 10 Bis (2-chlorosity) Phthalate ND 1.0 10 Chloronaphthalene ND 1.0 10 2-Chloronaphthalene ND 1.0 10 2-Chloronaphthalene ND 1.0 10 Chrysene ND 1.0 10 2-Chloronaphthalene ND 1.0 10 Chrysene ND 1.0 10 2-Chloronaphthalene ND 1.0 10 1.2-Dichlorobenzene ND 1.0 10 3-Dichlorobenzeldine ND 1.0 10 2.4-Dinkrophenol ND 1.0 10 3-Dichlorobenzeldine ND 1.0	Benzo(a)pyrene			1.0						
Bits (2-chlorocitry() Ether ND 1.0 10 Bits (2-chlorocispropy() Ether ND 1.0 10 Bits (2-chly(hexy)) Adipate ND 1.0 10 Bits (2-chly(hexy)) Phthalate ND 1.0 10 Baronophenyl Phenyl Ether ND 1.0 10 Buty(Phenyl Phenyl Ether ND 1.0 10 2-Chloronaphthaleae ND 1.0 10 2-Chloronaphthaleae ND 1.0 10 2-Chloronaphthaleae ND 1.0 10 2-Chlorophenol ND 1.0 10 2-Chloronaphthaleae ND 1.0 10 1.2-Dichlorobenzene ND 1.0 10 2-Chloronbenzene ND 1.0 10 1.2-Dichlorobenzene ND 1.0 10 3-Dichlorobenzene ND 1.0 10 1.2-Dichlorobenzene ND 1.0 10 3-Dichlorobenzene ND 1.0 10 2.4-Dichlorobenzene ND 1.0 10 3-Dichlorobenzene ND <		ND								
Bits (2-ethylnexyl) Adigate ND 1.0 10 Bits (2-ethylnexyl) Phthalate ND 1.0 10 4.Bromophenyl Phenyl Ether ND 1.0 10 Butylsenzyl Phthalate ND 1.0 10 4.Choroanitine ND 1.0 10 20.4 4-Chloro3-methylphenol ND 1.0 10 2.Chlorophenyl Phenyl Ether ND 1.0 10 Chrysene ND 1.0 10 5henzo(4,h)anthwaene ND 1.0 10 Chrysene ND 1.0 10 5henzo(4,h)anthwaene ND 1.0 10 1,4-Dichlorobenzene ND 1.0 10 3.Dichlorobenzene ND 1.0 10 1,4-Dichlorobenzene ND 1.0 10 3.Dichlorobenzidine ND 1.0 10 2,4-Dinitro-divenzene ND 1.0 10 3.Dichlorobenzidine ND 1.0 10 2,4-Dinitro-divenzene ND 1.0 10 4,6-Dinitro-d-methylphenol ND	Bis (2-chloroethyl) Ether	ND		1.0	10					
4.Bromophenyl Phenyl Ether ND 1.0 10 20 Butylbenzyl Phthalate ND 1.0 10 4.Chloronalline ND 1.0 20 4-Chlorophenol ND 1.0 10 4.Chlorophenyl Phenyl Ether ND 1.0 10 2-Chlorophenol ND 1.0 10 10-chlorophenyl Phenyl Ether ND 1.0 10 Diberzofuran ND 1.0 10 10-chlorophenyl Phenyl Ether ND 1.0 10 Diberzofuran ND 1.0 10 10-chlorobenzene ND 1.0 10 1.4-Dichlorobenzene ND 1.0 10 3-Dichlorobenzine ND 1.0 2.2 Z-A Dichlorophenol ND 1.0 10 3-Dichlorobenzine ND 1.0 10 2.4-Dinitro-Z-methylphenol ND 1.0 10 2-Diphenyl Phthalate ND 1.0 10 2.4-Dinitro-Z-methylphenol ND 1.0 10 2-Diphenyl Phthalate ND	Bis (2-ethylhexyl) Adipate	ND	-	1.0	10				· · · ·	-h-
4-Chloroanline ND 1 0 20 4-Chloro-3-methylphenol ND 1 0 10 10 2-Chloronaphtnalene ND 1 0 10 2-Chlorophenol ND 1.0 10 1-Chlorophenyl Phenyl Ether ND 1 0 10 Dibenzo(a,h)anthracene ND 1.0 10 Dibenzo(a,h)anthracene ND 1.0 10 12-Dichlorobenzene ND 1.0 10 Jo-bichlorobenzene ND 1.0 10 1.4-Dichlorobenzene ND 1.0 10 Jo-bichlorobenzene ND 1.0 10 1.4-Dichlorobenzene ND 1.0 10 Jo-bichlorobenzene ND 1.0 10 2.4-Dimethylphenol ND 1.0 10 Jo-bichlorobenzene ND 1.0 10 2.4-Dimethylphenol ND 1.0 10 Jo-bichlorobenzene ND 1.0 10 1.4-Dichlorobenzene ND 1.0 10 Ja-bichlorobenzene ND 1.0		ND		1.0	10					
2-Chlorophthalene ND 1.0 10 10 10 10 10 10 4-Chlorophenyl Phenyl Ether ND 1.0 10 Chrysene ND 1.0 10 Dienzoé, Ajhanthracene ND 1.0 10 Dibenzoé, Ajhanthracene ND 1.0 10 Di-n-butyl Phthalate ND 1.0 10 1.4-Dichlorobenzene ND 1.0 10 3-Dichlorobenzidine ND 1.0 20 2.4-Dichlorobenzene ND 1.0 10 3-Dichlorobenzidine ND 1.0 10 2.4-Dichlorobenzene ND 1.0 10 2.4-Diintorbenzidine ND 1.0 10 2.4-Diintorbenol ND 1.0 10 2.4-Diintorbenol ND 1.0 10 1.4-Dincotyl Phthalate ND 1.0 10 2.4-Dinintophenol ND 1.0 10 Dimeracityl Phthalate ND 1.0 10 2.4-Dinintophenol ND 1.0 10	4-Chloroaniline	ND		1.0	. 20				,	
4-Chlorophenyl Phenyl Ether ND 1.0 10 Chrysene ND 1.0 10 Dibenzo(a,h)anthracene ND 10 Dibenzo(a,h)anthracene ND 1.0 10 Dibenzo(a,h)anthracene ND 1.0 10 Dibenzo(a,h)anthracene ND 1.0 10 Johchtory Phthalate ND 1.0 10 1.2-Dichlorobenzene ND 1.0 10 Ja-Dichlorobenzine ND 1.0 10 1.4-Dichlorobenzene ND 1.0 10 Ja-Dichlorobenzine ND 1.0 10 2,4-Diintorobenzene ND 1.0 10 Ja-Dichery Phthalate ND 1.0 10 2,4-Diintorobenzene ND 1.0 10 Johenyl Phthalate ND 1.0 10 10extyl Phthalate ND 1.0 10 Johenyl Phthalate ND 1.0 10 Hexachlorobune ND 1.0 10 Ja-Diphenyl Phthalate ND 1.0 10 Hexachloro	2-Chloronaphthalene	ND		1.0	10			· · · · · · · · · · · · · · · · · · ·		+
Dibenzo(a,h)anthracene ND 1 0 10 Dibenzofuran ND 1.0 10 Di-n-butyl Phthalate ND 1.0 10 1,2-Dichlorobenzene ND 1.0 10 3-Dichlorobenzene ND 1.0 10 1,4-Dichlorobenzene ND 1.0 10 3-Dichlorobenzidine ND 1.0 20 2,4-Dichlorobenzidine ND 1.0 10 3-Dichlorobenzidine ND 1.0 10 2,4-Dichlorobenzidine ND 1.0 10 Mithyl Phthalate ND 1.0 10 2,4-Dimitrotoluene ND 1.0 10 Johnetryl Phthalate ND 1.0 10 10 1.0 10 Johnetryl Phthalate ND 1.0 10 1.0 10 1.0 10 Johnetryl Phthalate ND 1.0 10 1.0 10 1.0 10 Johnetryl Phthalate ND 1.0 10 1.0 10 1.0 10	4-Chlorophenyl Phenyl Ether	ND		1.0	10					
Di-n-butyl Phthalate ND 1.0 10 12-Dichlorobenzene ND 1.0 10 3.3-Dichlorobenzidine ND 1.0 10 1,4-Dichlorobenzene ND 1.0 10 3.3-Dichlorobenzidine ND 1.0 10 2,4-Dichlorobenzene ND 1.0 10 3.3-Dichlorobenzidine ND 1.0 10 2,4-Dimstrylphenol ND 1.0 10 2,4-Dimitrophenol ND 1.0 10 2,4-Dimitrophenol ND 1.0 10 2,6-Dinitrosluene ND 1.0 10 Di-nocyt Phthalate ND 1.0 10 2,6-Dinitrosluene ND 1.0 10 Fluoranthene ND 1.0 10 2,6-Dinitrosluene ND 1.0 10 Hexachlorobenzene ND 1.0 10 2,6-Dinitrosluene ND 1.0 10 Hexachloroschenzene ND 1.0 10 2,6-Dinitrosluene ND 1.0 10 10	Dibenzo(a,h)anthracene	ND	1	10	10	Dibenzofuran				
1-Dichlorobenzene ND 1 0 1 0 1,4-Dichlorobenzene ND 1.0 10 3,3-Dichlorobenzidine ND 1.0 2,4-Dinktorophenol ND 1.0 10 0;derlyl Phthalate ND 1.0 10 2,4-Dinktorophenol ND 1.0 10 2,4-Dinitrophenol ND 1.0 10 4,6-Dinitrosenee ND 1.0 10 2,4-Dinitrophenol ND 1.0 10 2,4-Dinitrotoluene ND 1.0 10 2,4-Dinitrotoluene ND 1.0 10 Din-octyl Pithalate ND 1.0 10 2,4-Dinitrotoluene ND 1.0 10 Din-octyl Pithalate ND 1.0 10 2,0-Diphenylhydrazine ND 1.0 10 Hexachlorobenzene ND 1.0 10 Roorene ND 1.0 10 Hexachlorocyclopentadiene ND 1.0 10 Rosphorone ND 1.0 10 Selver Athylphenol (m,p-Cresol)		ND		1.0	10	1,2-Dichlorobenzene				
3.3-Dicklorophenzidine ND 1.0 20 2,4-Dichlorophenol ND 1.0 10 Diethyl Phthalate ND 1.0 10 2,4-Dinterhylphenol ND 1.0 10 Q.4-Dintrophenol ND 1.0 10 4,6-Dintro-2-methylphenol ND 1.0 50 Q.4-Dintrophenol ND 1.0 50 2,4-Dintrotoluene ND 1.0 10 Q.4-Dintrophenol ND 1.0 10 Din-octyl Phthalate ND 1.0 10 Q.4-Dintrophenol ND 1.0 10 Fluoranthene ND 1.0 10 Q.4-Dintrophenol ND 1.0 10 Fluoranthene ND 1.0 10 Q.4-Dintrophenol ND 1.0 10 Hexachlorophenzene ND 1.0 10 Q.4-Dintrophenol ND 1.0 10 Hexachlorophenzene ND 1.0 10 Q.4-Dintrophenol ND 1.0 10 Hexachlorophenzene	,3-Dichlorobenzene	ND		10	10	1,4-Dichlorobenzene				
Dimethyl Phthalate ND 10 10 4,6-Dinitro-2-methylphenol ND 1.0 10		ND		1.0	20	2,4-Dichlorophenol				
Dimethyl Phthalate ND 10 10 4,6-Dinitrophenol ND 1.0 50 2,4-Dinitrophenol ND 1.0 10 50 2,4-Dinitrotoluene ND 1.0 10 2,6-Dinitrotoluene ND 1.0 10 Di-n-octyl Phthalate ND 1.0 10 2,6-Dinitrotoluene ND 1.0 10 Fluoranthene ND 1.0 10 2,0-Diphenylhydrazine ND 1.0 10 Fluoranthene ND 1.0 10 Rexachlorobutadiene ND 1.0 10 Hexachlorocyclopentadiene ND 1.0 10 sophorone ND 1.0 10 Idexachlorocyclopentadiene ND 1.0 10 Aphthalene ND 1.0 10 Z-Mothylphenol (m,p-Cresol) ND 1.0 10 Aphthalene ND 1.0 10 3 &/or 4-Methylphenol (m,p-Cresol) ND 1.0 10 -Nitroaniline ND 1.0 10		ND		1.0	10		f,	ND		· · · · · · · · · · · · · · · · · · ·
ND 1.0 10 Di-n-octyl Phthalate ND 1.0 10 2-Diphenylhydrazine ND 1.0 10 Fluoranthene ND 1.0 10 Pluorene ND 1.0 10 Fluoranthene ND 1.0 10 Pluorene ND 1.0 10 Hexachlorobenzene ND 1.0 10 Aexachlorobthatiene ND 1.0 10 Hexachlorocyclopentadiene ND 1.0 10 Jexachloroothane ND 1.0 10 Indeno (1,2,3-cd) pyrene ND 1.0 10 Additione ND 1.0 10 Ideno (1,2,3-cd) pyrene ND 1.0 10 -Methylphenol (o-Cresol) ND 1.0 10 3 & for 4-Methylphenol (m,p-Cresol) ND 1.0 10 -Nitroaniline ND 1.0 10 2-Nitroaniline ND 1.0 50 -Nitrosodi-n-propylamine ND 1.0 50 N-Nitrosodiphenylamine ND		ND		10	10	4,6-Dinitro-2-methylphenol		ND	1.0	
2-Diphenylhydrazine ND 1.0 10 10 10 10 10 Pluorene ND 1.0 10 Fluorantheme ND 1.0 10 Pluorene ND 1.0 10 Hexachlorobenzene ND 1.0 10 Hexachlorobutadiene ND 1.0 10 Hexachlorocyclopentadiene ND 1.0 10 Iexachloroethane ND 1.0 10 Indeno (1,2,3-cd) pyrene ND 1.0 10 sophorone ND 1.0 10 Indeno (1,2,3-cd) pyrene ND 1.0 10 -Methylphenol (o-Cresol) ND 1.0 10 2-Methylphenol (m,p-Cresol) ND 1.0 10 Japhthalene ND 1.0 10 2-Nitroaniline ND 1.0 50 -Nitroaniline ND 1.0 50 2-Nitrophenol ND 1.0 50 -Nitrosodi-n-propylamine ND 1.0 50 N-Nitrosodiphenylamine ND<				1.0	50	2,4-Dinitrotoluene	_	ND	1.0	10
ND 1.0 <th1.0< th=""> <th1.0< th=""> <th1.0< th=""></th1.0<></th1.0<></th1.0<>		-						ND	1.0	10
Itexachlorobutadiene ND 1.0 10 100						Fluoranthene		ND	1.0	10
Itexachloroethane ND 10 10 10 Indeno (1,2,3-cd) pyrene ND 1.0 10 <td></td> <td>ND</td> <td></td> <td>1.0</td> <td>- 10</td> <td></td> <td></td> <td>ND</td> <td>1.0</td> <td>10</td>		ND		1.0	- 10			ND	1.0	10
sophorone ND 1.0 1.								ND	1.0	50
-Methylphenol (o-Cresol) ND 1.0 10 50 4-Nitroaniline ND 1.0 50 10 50 2-Nitrophenol ND 1.0 50 2-Nitrosodiphenylamine ND 1.0 50 N-Nitrosodiphenylamine ND 1.0 10 50 N-Nitrosodiphenylamine ND 1.0 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10									1.0	10
Napithalene ND 1.0 10 2-Nitrophino (hip/etext) ND 1.0 10 -Nitroaniline ND 1.0 10 2-Nitrophino (hip/etext) ND 1.0 50 -Nitroaniline ND 1.0 50 4-Nitroaniline ND 1.0 50 Nitrobenzene ND 1.0 50 2-Nitrophenol ND 1.0 50 -Nitrosodi-n-propylamine ND 1.0 50 N-Nitrosodiphenylamine ND 1.0 10 -Nitrosodi-n-propylamine ND 1.0 10 Pentachlorophenol ND 1.0 10 -Nitrosodi-n-propylamine ND 1.0 10 Pentachlorophenol ND 1.0 10 yrene ND 1.0 10 1,2,4-Trichlorobenzene ND 1.0 10 ydess1: ND 1.0 10 2,4,6-Trichlorophenol ND 1.0 10 ydSS1: 108 %6SS2: 115 %6SS3: 81										10
Nitroaniline ND 10 24 (N) bankine ND 10 50 Nitroaniline ND 10 50 4-Nitroaniline ND 1.0 50 litrobenzene ND 1.0 50 2-Nitrophenol ND 1.0 50 -Nitrosodi-n-propylamine ND 1.0 50 N-Nitrosodiphenylamine ND 1.0 50 -Nitrosodi-n-propylamine ND 1.0 10 Pentachlorophenol ND 1.0 10 -Nitrosodi-n-propylamine ND 1.0 10 Pentachlorophenol ND 1.0 10 -Nitrosodi-n-propylamine ND 1.0 10 Pentachlorophenol ND 1.0 10 yrene ND 1.0 10 1,2,4-Trichlorobenzene ND 1.0 10 4,5-Trichlorophenol ND 1.0 10 2,4,6-Trichlorophenol ND 1.0 10				·· /			esol)		1.0	10
ND 1.0 50 2-Nitrophenol ND 1.0 50 -Nitrophenol ND 1.0 50 2-Nitrophenol ND 1.0 50 -Nitrophenol ND 1.0 50 N-Nitrosodiphenylamine ND 1.0 50 -Nitrosodi-n-propylamine ND 1.0 10 Pentachlorophenol ND 1.0 10 -Nitrosodi-n-propylamine ND 1.0 10 Pentachlorophenol ND 1.0 10 henanthrene ND 1.0 10 Phenol ND 1.0 10 yrene ND 1.0 10 1,2,4-Trichlorobenzene ND 1.0 10 4,5-Trichlorophenol ND 1.0 10 2,4,6-Trichlorophenol ND 1.0 10										50
Nitrophenol ND 1.0 50 NAtional Presentation ND 1.0 30 Nitrosodi-n-propylamine ND 1.0 10 ND 1.0 10										
ND 1.0 10 Pentachlorophenol ND 1.0 10 henanthrene ND 1.0 10 Pentachlorophenol ND 10 50 henanthrene ND 1.0 10 Pentachlorophenol ND 1.0 50 yrene ND 1.0 10 Phenol ND 1.0 10 yrene ND 1.0 10 1,2,4-Trichlorobenzene ND 1.0 10 4,5-Trichlorophenol ND 1.0 10 2,4,6-Trichlorophenol ND 1.0 10 %SS1: 108 %SS2: 115 105 100 105 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										
henanthrene ND 1.0 10 Phenol ND 1.0 30 yrene ND 1.0 10 Phenol ND 1.0 10 4,5-Trichlorophenol ND 1.0 10 1,2,4-Trichlorophenol ND 1.0 10 4,5-Trichlorophenol ND 1.0 10 2,4,6-Trichlorophenol ND 1.0 10 Surrogate Recoveries (%) %SS1: 108 %SS2: 115 %SS3: 100 %SS4: 81			- -							
yrene ND 1.0 10 1.0 10 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
A,5-Trichlorophenol ND 1.0 10 1.2,7-Trichlorophenol ND 1.0 10 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>· · · ·</td>										· · · ·
Surrogate Recoveries (%) %SS1: 108 %SS2: 115 %SS3: 100 %SS4: 81							-			
%5S1: 108 %SS2: 115 %SS3: 100 %SS4: 81		- 112							1.0	10
%SS3: 100 %SS4: 81	9/451,		100	ourro	gare Ke					
R/ 502					-;ŀ					
41/ / %350: 97					'				···-	
Comments:			111			76330:		97		

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than -1 vol % sediment; j) sample diluted due to high organic content/matrix interference

McC	Campbell Analyti	cal, Inc.	Telepho	venue South, #D7. Pacheco, CA 9455 one : 925-798-1620 Fax : 925-798-1 mecampbell.com E-mail: main@mcca	622
Pacific States Er	nvironmental	Client Project ID:	#6055153; DPR	Date Sampled: 04/0	7/06
11555 Dublin B	lvd			Date Received: 04/0	7/06
D 11's CL 045	C 9	Client Contact: A	meet Patel	Date Extracted: 04/1	0/06
Dublin, CA 9450	00	Client P.O.:		Date Analyzed: 04/1	0/06
Analytical Method: E	335.3 / Kelada-01	Cyanida	e, Iotal*	рания и странования и странов	/ork Order: 0604134
Lab ID	Client ID	Matrix	4	Total Cyanide	DF
0604134-0011	WARLB-4-7-06-1	w		ND	1
	· · · · · · · · · · · · · · · · · · ·				

Reporting Limit for DF = 1; ND means not detected at or	Ŵ	2 0 μg/L	
above the reporting limit	S	NA	

* water samples are reported in ug/L; soil/sludge/solid samples in mg/kg; wipe samples in µg/wipe.

^ All water samples are screened for sulfide interference prior to analysis and treated to remove sulfide if it is present. All soil samples are treated to remove sulfide, nitrate and nitrite interference prior to analysis.

i) liquid sample contains greater than ~1 vol % sediment; j) reporting limit raised due to high sediment content/matrix interference; m) sample treated to remove interfering nitrate and nitrite per E335.4; n) sample treated to remove interfering nitrate and nitrite per E335.4; p) see attached narrative

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McCa	mpbell Analyti	cal, Inc.	Telepho	renue South, #D7, Pacheco, CA 94553-5560 me : 925-798-1620 Fax : 925-798-1622 nacampbell.com E-mail: main@mccampbell.co	m
Pacific States Envir	onmental	Client Project ID:	#6055153; DPR	Date Sampled: 04/07/06	
11555 Dublin Blvd				Date Received: 04/07/06	
Dublin, CA 94568		Client Contact: Ar	neet Patel	Date Extracted: 04/07/06	
Bubini, CA 94508		Client P O :		Date Analyzed: 04/08/06	
Analytical Method: E218.6	5	Hexachron	ne by IC*	Work Order	r: 0604134
Lab ID	Client ID	Matrix		Hexachrome	DF
0604134-001E	WARLB-4-7-06-1	Ŵ		[5	1
					[_
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	· · · · · · · · · · · · · · · · · · ·			······	
			_		

Reporting Limit for $DF = 1$; ND means not detected at or	W	0 2 μg/L	
above the reporting limit	S	NA	

N/A means surrogate not applicable to this analysis; # surrogate diluted out of range or surrogate coelutes with another peak

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol % sediment; j) sample diluted due to matrix interference; p) see attached narrative

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^{*} water samples are reported in µg/L.

McC	Campbell Analy	tical, Inc.	•	Telephon	enue South, #D7, Pachece ne : 925-798-1620 Fax gcampbell.com B-mail:	925-798-1622	n.
Pacific States En	nvironmental	Client Pro	oject ID: #	#6055153; DPR	Date Samples	1: 0 4/07/06	
11555 Dublin B	lvd				Date Receive	d: 04/07/06	
D-11-1- C'A 0/15	£ 9	Client Co	ntact: Am	eet Patel	Date Extracte	ed: 04/07/06	
Dublin, CA 945	00	Client P C	D:		Date Analyzed: 04/10/06		
Extraction næthod: E16	31		Analytical meth			Work Order:	0604134
Lab ID	Client ID	Matrix	Extraction	n	Mercury	DF	% SS
0604134-001F	WARLB-4-7-06-1	w	ITLC		16	l	N/A
0604134-001G	BLANK-1	w	TILC		ND	1	N/A
0604134-001H	BLANK-2	w	TTLC		ND	1	N/A

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	· <u> </u>				
		······			······································
Rep ND 1	orting Limit for DF =1; neans not detected at or	W	TTLC	0.5	ng/L
ab	ove the reporting limit	S	TTLC	NA	mg/kg

*water samples are reported in ng/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TILC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No 1644

Angela Rydelius, Lab Manager

Pacific States Environmental 11555 Dublin Blvd Dublin, CA 94568		roject ID:	#6055153; DPR	Data Samuladi		
			,	Date Bampieu.	04/07/06	
	Climbo			Date Received:	04/07/06	<u>نے براہ</u> ہور
Dublin, CA 94568	Client C	ontact: Ar	neet Patel	Date Extracted:	04/07/06	
	Client P	.0,:		Date Analyzed:	04/10/06	
		Met	als*			All and a second
Lab ID	0604134-001B	· · · · · · · · · · · · · · · · · · ·			Reporting Lin	nit for DF ==1:
Client ID	WARLB-4-7-06-1				" ND means a	
Matrix	w				s	w
Extraction Type	TTLC				mg/kg	µg/1.
Analytical Method: E200.8		MS Metals, traction Method	Concentration* : E200.8		Work Ord	er: 0604134
Dilution Factor	1				1	1
Antimony	0.70				NA	0.5
Arsenic	29	· · · · ·			NA	0.5
Beryllium	<u>ND</u>				NA	0.5
Cadmium	ND				NA	0.25
Chromium	2.6				NA	0.5
Copper	7.0				NA	0.5
Lead	ND				NA	0.5
Nickel	5.5				NA	0.5
Selenium	0.75				NA	0.5
Silver	ND				NA	0.19
Thallium	ND				NA	0.5
Zinc	25				NA	5.0
%SS:	117					
omments						

water samples are reported in ug/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument

i) aqueous sample containing greater than ~ 1 vol. % sediment; for DISSOL VED metals, this sample has been preserved prior to filtration; for TILC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No 1644

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McCam	pbell Analytical,	IDC. It	ud Avenue South, #D7, Pacheco, CA 94553-5560 elephons : 925-798-1620 Fax : 925-798-1622 www.uscampbell.com E-mail: main@mccampbell.com
Pacific States Environ	mental Clie	nt Project ID: #6055153; DPR	Date Sampled: 04/07/06
11555 Dublin Blvd			Date Received: 04/07/06
Dublin, CA 94568	Clie	nt Contact: Ameet Patel	Date Extracted: 04/07/06
	Clie	at P.O :	Date Analyzed: 04/07/06
Analytical Method: SM4500H+	в	pH*	Work Order: 06041
Lab ID	Client ID	Matrix	pH
0604134-001C	WARLB-4-7-06-J	w	7 30 @ 18.1℃
			· · · · · · · · · · · · · · · · · · ·
			······
	- <u>-</u>		
Method Accuracy and I	Reporting Units	w	±0 05, pH units @ °C
		S	NA

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McCampbell Analyti	cal, Inc.	Telephor	enue South. #D7. Pacheco, CA 94553-5560 ne : 925-798-1620 Fax : 925-798-1622 meanpbell.com E-mail: main@mecampbell.c	om
Pacific States Environmental	Client Project ID:	#6055153; DPR	Date Sampled: 04/07/06	
11555 Dublin Blvd			Date Received: 04/07/06	
Dublin, CA 94568	Client Contact: Ar	neet Patel	Date Extracted: 04/07/06	
Dubini, CA 24500	Client P.O :		Date Analyzed: 04/07/06	
	Specific Co	nductivity*		
Analytical Method; SM2510B				r: 0604134
Lab ID Client ID	Matrix	S	Specific Conductivity	DF
0604134-001C WARLB-4-7-06-I	W		1140 @ 25.0°C	1
				1
			<u> </u>	
······································				
······································			······································	
· ·	·			

Reporting Limit for DF = 1; ND means not detected at or	W	10 μmhos/cm @ 25°C	
above the reporting limit	S	NA	

* Salinity (mg/L) = 0.64 * S.C. (µmhos/cm @ 25°C) per SSSA volume 5 part 3.

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