

APPENDIX A

Well Sampling Field Log

AEI CONSULTANTS

Environmental & Civil Engineering Services

LAWRENCE HOLLINS

Project Manager

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WELL SAMPLING FIELD LOG

Project Name and Address: LIM
 Job #: 2808
 Well Name: MW-1 Date of sampling: 12/17/04
 Total depth of well (feet): 26.8 Sampled by: OH
 Depth to water before sampling (feet): 16.10 Well diameter (inches): 2
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): 10.70
 Number of gallons per well casing volume (gallons): 1.7
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 5.2
 Equipment used to purge the well: BALLER
 Time Evacuation Began: 1000 Time Evacuation Finished: 1025
 Approximate volume of groundwater purged: 5.2
 Did the well go dry?: No After how many gallons: _____
 Time samples were collected: 1030
 Depth to water at time of sampling: 16.11
 Percent recovery at time of sampling: _____
 Samples collected with: BALLER
 Sample color: _____ Odor: _____
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
0	25.1		601
1.7	64.3		531
3.1	63.9		530
5.2	63.6		529

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Icdd?	Analysis
<u>MW-1</u>	<u>5</u>	<u>40 ml vial</u>	<u>HEC</u>	<u>Y</u>	



WELL SAMPLING FIELD LOG

Project Name and Address: _____
 Job #: 2808 _____ Date of sampling: 12/6/07
 Well Name: Mw-2 _____ Sampled by: OH
 Total depth of well (feet): 26.8 _____ Well diameter (inches): _____
 Depth to water before sampling (feet): _____
 Thickness of floating product if any: 14.88 _____
 Depth of well casing in water (feet): 11.92 _____
 Number of gallons per well casing volume (gallons): 1.9
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 5.7
 Equipment used to purge the well: BAKER
 Time Evacuation Began: 0700 _____ Time Evacuation Finished: 0730
 Approximate volume of groundwater purged: _____
 Did the well go dry?: NO _____ After how many gallons: _____
 Time samples were collected: 0735
 Depth to water at time of sampling: 15.03
 Percent recovery at time of sampling: _____
 Samples collected with: _____
 Sample color: BROWN
 Description of sediment in sample: _____ Odor: MOB

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>0</u>	<u>62.3</u>	<u>6.34</u>	<u>1125</u>
<u>1.9</u>	<u>64.9</u>	<u>6.40</u>	<u>1000</u>
<u>3.8</u>	<u>63.9</u>	<u>6.84</u>	<u>900</u>
<u>5.8</u>	<u>63.7</u>	<u>6.96</u>	<u>887</u>

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
<u>Mw-2</u>	<u>5</u>	<u>40ml VOA</u>	<u>HCC</u>	<u>Y</u>	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

Project Name and Address: _____
Job #: 2508 _____ Date of sampling: 12/17/04
Well Name: M-3 _____ Sampled by: AD
Total depth of well (feet): _____ Well diameter (inches): 2
Depth to water before sampling (feet): _____ Thickness of floating product if any: _____
Depth of well casing in water (feet): _____ Number of gallons per well casing volume (gallons): _____
Number of well casing volumes to be removed: _____
Req'd volume of groundwater to be purged before sampling (gallons): _____
Equipment used to purge the well: _____
Time Evacuation Began: _____ Time Evacuation Finished: _____
Approximate volume of groundwater purged: _____ After how many gallons: _____
Did the well go dry?: _____
Time samples were collected: _____
Depth to water at time of sampling: _____
Percent recovery at time of sampling: _____
Samples collected with: _____
Sample color: _____ Odor: _____
Description of sediment in sample: NS

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	iced?	Analysis
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

WELL SAMPLING FIELD LOG

7
4
2
5

Project Name and Address: LIM
 Job #: 2808
 Well Name: MW-5 Date of sampling: 12/7/01
 Total depth of well (feet): 29.6 Sampled by: DH
 Depth to water before sampling (feet): 15.12 Well diameter (inches): 2
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): 14.48
 Number of gallons per well casing volume (gallons): 2.3
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 7.0
 Equipment used to purge the well: BALLO
 Time Evacuation Began: 0740 Time Evacuation Finished: 0810
 Approximate volume of groundwater purged: 7.0
 Did the well go dry? _____ After how many gallons: No
 Time samples were collected: 0815
 Depth to water at time of sampling: 15.15
 Percent recovery at time of sampling: _____
 Samples collected with: BALLO
 Sample color: _____ Odor: _____
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
<u>0</u>	<u>64.7</u>	<u>6.94</u>	<u>620</u>
<u>2.3</u>	<u>64.6</u>	<u>6.96</u>	<u>730</u>
<u>4.6</u>	<u>64.7</u>	<u>6.96</u>	<u>733</u>
<u>7.0</u>	<u>63.9</u>	<u>6.96</u>	<u>733</u>

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	ICCD?	Analysis
<u>MW-5</u>	<u>5</u>	<u>40 ml VOA</u>	<u>HEC</u>	<u>Y</u>	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____



WELL SAMPLING FIELD LOG

Project Name and Address: LIM
 Job #: 2808
 Well Name: MW-6 Date of sampling: 12/17/04
 Total depth of well (feet): 29.5 Sampled by: DH
 Depth to water before sampling (feet): 15.54 Well diameter (inches): 2
 Thickness of floating product if any: —
 Depth of well casing in water (feet): 13.96
 Number of gallons per well casing volume (gallons): 2.2
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 6.7
 Equipment used to purge the well: BALLER
 Time Evacuation Began: 0925 Time Evacuation Finished: 0945
 Approximate volume of groundwater purged: 6.7
 Did the well go dry?: No After how many gallons: —
 Time samples were collected: 0950
 Depth to water at time of sampling: 15.60
 Percent recovery at time of sampling: —
 Samples collected with: BALLER
 Sample color: — Odor: MoD
 Description of sediment in sample: —

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
0	66.3	MAX FUNCTION	293
2.2	67.1		3297
4.4	65.9		306
6.7	65.3		308

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-6	5				



WELL SAMPLING FIELD LOG

Project Name and Address: LIM
 Job #: 2808
 Well Name: MW-7 Date of sampling: 12/17/04
 Total depth of well (feet): 29.7 Sampled by: PH
 Depth to water before sampling (feet): 15.45 Well diameter (inches): 2
 Thickness of floating product if any: _____
 Depth of well casing in water (feet): 14.25
 Number of gallons per well casing volume (gallons): 2.3
 Number of well casing volumes to be removed: 3
 Req'd volume of groundwater to be purged before sampling (gallons): 6.9
 Equipment used to purge the well: BATLER
 Time Evacuation Began: 0845 Time Evacuation Finished: 0910
 Approximate volume of groundwater purged: _____
 Did the well go dry?: NO After how many gallons: _____
 Time samples were collected: 0910
 Depth to water at time of sampling: 15.46
 Percent recovery at time of sampling: _____
 Samples collected with: BATLER
 Sample color: _____ Odor: MND
 Description of sediment in sample: _____

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
0	64.6	6.96	565
2.3	66.2	6.99	550
4.6	64.9	7.00	442
6.9	66.4	7.00	435

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-7	5	40 mL VOA	HCL	✓	

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 41622

Date : 12/29/2004

Damian Hriciga
Aqua Science Engineers, Inc.
208 West El Pintado Rd.
Danville, CA 94526

Subject : 6 Water Samples
Project Name : Lim Property
Project Number : 2808

Dear Mr. Hriciga,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 41622

Date : 12/29/2004

Subject : 6 Water Samples
Project Name : Lim Property
Project Number : 2808

Case Narrative

The Method Reporting Limit for TPH as Diesel is increased due to interference from Gasoline-Range Hydrocarbons for samples MW-2, MW-4 and MW-7.

Approved By:

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over the printed name "Joel Kiff".

Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



Report Number : 41622

Date : 12/29/2004

Project Name : Lim Property

Project Number : 2808

Sample : MW-1

Matrix : Water

Lab Number : 41622-01

Sample Date :12/17/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
TPH as Gasoline	77	50	ug/L	EPA 8260B	12/22/2004
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	12/22/2004
4-Bromofluorobenzene (Surr)	92.9		% Recovery	EPA 8260B	12/22/2004
Dibromofluoromethane (Surr)	107		% Recovery	EPA 8260B	12/22/2004
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	12/22/2004
TPH as Diesel (Silica Gel)	130	50	ug/L	M EPA 8015	12/23/2004

Approved By:

Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 41622

Date : 12/29/2004

Project Name : **Lim Property**

Project Number : **2808**

Sample : **MW-2**

Matrix : Water

Lab Number : 41622-02

Sample Date :12/17/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	7900	15	ug/L	EPA 8260B	12/28/2004
Toluene	2200	25	ug/L	EPA 8260B	12/27/2004
Ethylbenzene	1700	15	ug/L	EPA 8260B	12/28/2004
Total Xylenes	3900	25	ug/L	EPA 8260B	12/27/2004
Methyl-t-butyl ether (MTBE)	< 15	15	ug/L	EPA 8260B	12/28/2004
TPH as Gasoline	54000	1500	ug/L	EPA 8260B	12/28/2004
1,2-Dichloroethane	< 15	15	ug/L	EPA 8260B	12/28/2004
1,2-Dibromoethane	< 15	15	ug/L	EPA 8260B	12/28/2004
Toluene - d8 (Surr)	97.6		% Recovery	EPA 8260B	12/28/2004
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	12/28/2004
Dibromofluoromethane (Surr)	96.0		% Recovery	EPA 8260B	12/28/2004
1,2-Dichloroethane-d4 (Surr)	98.2		% Recovery	EPA 8260B	12/28/2004
TPH as Diesel (Silica Gel)	< 3000	3000	ug/L	M EPA 8015	12/23/2004

Approved By:

Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 41622

Date : 12/29/2004

Project Name : **Lim Property**

Project Number : **2808**

Sample : **MW-4**

Matrix : Water

Lab Number : 41622-03

Sample Date :12/17/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	8500	25	ug/L	EPA 8260B	12/27/2004
Toluene	16000	25	ug/L	EPA 8260B	12/27/2004
Ethylbenzene	2800	25	ug/L	EPA 8260B	12/27/2004
Total Xylenes	12000	25	ug/L	EPA 8260B	12/27/2004
Methyl-t-butyl ether (MTBE)	< 25	25	ug/L	EPA 8260B	12/27/2004
TPH as Gasoline	88000	2500	ug/L	EPA 8260B	12/27/2004
1,2-Dichloroethane	53	25	ug/L	EPA 8260B	12/27/2004
1,2-Dibromoethane	< 25	25	ug/L	EPA 8260B	12/27/2004
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	12/27/2004
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	12/27/2004
Dibromofluoromethane (Surr)	107		% Recovery	EPA 8260B	12/27/2004
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	12/27/2004
TPH as Diesel (Silica Gel)	< 3000	3000	ug/L	M EPA 8015	12/23/2004

Approved By:

Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 41622

Date : 12/29/2004

Project Name : **Lim Property**

Project Number : **2808**

Sample : **MW-5**

Matrix : Water

Lab Number : 41622-04

Sample Date :12/17/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Methyl-t-butyl ether (MTBE)	9.2	0.50	ug/L	EPA 8260B	12/23/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/2004
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	12/23/2004
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	12/23/2004
Dibromofluoromethane (Surr)	106		% Recovery	EPA 8260B	12/23/2004
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	12/23/2004
TPH as Diesel (Silica Gel)	120	50	ug/L	M EPA 8015	12/23/2004

Approved By:

Joel Kiff



Report Number : 41622

Date : 12/29/2004

Project Name : **Lim Property**

Project Number : **2808**

Sample : **MW-6**

Matrix : Water

Lab Number : 41622-05

Sample Date :12/17/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/2004
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	12/23/2004
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	12/23/2004
Dibromofluoromethane (Surr)	106		% Recovery	EPA 8260B	12/23/2004
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	12/23/2004
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/23/2004

Approved By:

Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 41622

Date : 12/29/2004

Project Name : Lim Property

Project Number : 2808

Sample : MW-7

Matrix : Water

Lab Number : 41622-06

Sample Date :12/17/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	220	3.0	ug/L	EPA 8260B	12/24/2004
Toluene	1700	3.0	ug/L	EPA 8260B	12/24/2004
Ethylbenzene	530	3.0	ug/L	EPA 8260B	12/24/2004
Total Xylenes	2000	3.0	ug/L	EPA 8260B	12/24/2004
Methyl-t-butyl ether (MTBE)	< 3.0	3.0	ug/L	EPA 8260B	12/24/2004
TPH as Gasoline	14000	500	ug/L	EPA 8260B	12/24/2004
1,2-Dichloroethane	< 3.0	3.0	ug/L	EPA 8260B	12/24/2004
1,2-Dibromoethane	< 3.0	3.0	ug/L	EPA 8260B	12/24/2004
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	12/24/2004
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	12/24/2004
Dibromofluoromethane (Surr)	100		% Recovery	EPA 8260B	12/24/2004
1,2-Dichloroethane-d4 (Surr)	98.6		% Recovery	EPA 8260B	12/24/2004
TPH as Diesel (Silica Gel)	< 800	800	ug/L	M EPA 8015	12/23/2004

Approved By:

Joel Kiff

Report Number : 41622

Date : 12/29/2004

QC Report : Method Blank Data

Project Name : **Lim Property**

Project Number : **2808**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/22/2004
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/22/2004
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/22/2004
Toluene - d8 (Surr)	95.2		%	EPA 8260B	12/22/2004
4-Bromofluorobenzene (Surr)	86.9		%	EPA 8260B	12/22/2004
Dibromofluoromethane (Surr)	103		%	EPA 8260B	12/22/2004
1,2-Dichloroethane-d4 (Surr)	98.3		%	EPA 8260B	12/22/2004
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/27/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/27/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/27/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/27/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/27/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/27/2004
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/27/2004
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/27/2004
Toluene - d8 (Surr)	97.3		%	EPA 8260B	12/27/2004
4-Bromofluorobenzene (Surr)	87.6		%	EPA 8260B	12/27/2004
Dibromofluoromethane (Surr)	97.2		%	EPA 8260B	12/27/2004
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	12/27/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/28/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/28/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/28/2004
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/28/2004
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/28/2004
Toluene - d8 (Surr)	97.3		%	EPA 8260B	12/28/2004
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	12/28/2004
Dibromofluoromethane (Surr)	100		%	EPA 8260B	12/28/2004
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	12/28/2004
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/2004
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/23/2004
Toluene - d8 (Surr)	102		%	EPA 8260B	12/23/2004
4-Bromofluorobenzene (Surr)	98.6		%	EPA 8260B	12/23/2004
Dibromofluoromethane (Surr)	98.8		%	EPA 8260B	12/23/2004
1,2-Dichloroethane-d4 (Surr)	98.4		%	EPA 8260B	12/23/2004

Approved By:  Joel Kiff

Report Number : 41622

Date : 12/29/2004

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Lim Property**

Project Number : **2808**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	909	870	ug/L	M EPA 8015	12/22/04	90.9	87.0	4.34	70-130	25
Benzene	41622-01	<0.50	39.8	39.8	34.8	32.2	ug/L	EPA 8260B	12/23/04	87.6	80.8	8.10	70-130	25
Toluene	41622-01	<0.50	39.8	39.8	36.0	33.2	ug/L	EPA 8260B	12/23/04	90.6	83.4	8.32	70-130	25
Tert-Butanol	41622-01	<5.0	199	199	212	185	ug/L	EPA 8260B	12/23/04	106	92.8	13.8	70-130	25
Methyl-t-Butyl Ether	41622-01	<0.50	39.8	39.8	40.6	36.4	ug/L	EPA 8260B	12/23/04	102	91.5	11.0	70-130	25
Benzene	41632-03	<0.50	38.2	39.3	36.8	35.9	ug/L	EPA 8260B	12/27/04	96.2	91.3	5.22	70-130	25
Toluene	41632-03	<0.50	38.2	39.3	36.0	35.3	ug/L	EPA 8260B	12/27/04	94.2	89.8	4.85	70-130	25
Tert-Butanol	41632-03	<5.0	191	196	186	200	ug/L	EPA 8260B	12/27/04	97.2	102	4.68	70-130	25
Methyl-t-Butyl Ether	41632-03	<0.50	38.2	39.3	39.0	38.7	ug/L	EPA 8260B	12/27/04	102	98.6	3.35	70-130	25
Benzene	41638-10	<0.50	40.0	40.0	39.7	39.4	ug/L	EPA 8260B	12/28/04	99.3	98.5	0.838	70-130	25
Toluene	41638-10	<0.50	40.0	40.0	38.9	38.4	ug/L	EPA 8260B	12/28/04	97.3	95.9	1.41	70-130	25
Tert-Butanol	41638-10	<5.0	200	200	203	203	ug/L	EPA 8260B	12/28/04	102	102	0.0498	70-130	25
Methyl-t-Butyl Ether	41638-10	<0.50	40.0	40.0	39.3	39.8	ug/L	EPA 8260B	12/28/04	98.3	99.4	1.09	70-130	25
Benzene	41602-19	<0.50	40.0	40.0	37.5	36.7	ug/L	EPA 8260B	12/23/04	93.9	91.7	2.35	70-130	25
Toluene	41602-19	<0.50	40.0	40.0	39.6	38.9	ug/L	EPA 8260B	12/23/04	99.0	97.3	1.77	70-130	25
Tert-Butanol	41602-19	<5.0	200	200	200	197	ug/L	EPA 8260B	12/23/04	100	98.4	1.74	70-130	25
Methyl-t-Butyl Ether	41602-19	<0.50	40.0	40.0	32.7	32.8	ug/L	EPA 8260B	12/23/04	81.8	81.9	0.113	70-130	25

Approved By:  Joe Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 41622

Date : 12/29/2004

QC Report : Laboratory Control Sample (LCS)

Project Name : **Lim Property**

Project Number : **2808**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	12/22/04	79.3	70-130
Toluene	40.0	ug/L	EPA 8260B	12/22/04	81.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/22/04	99.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/22/04	95.1	70-130
Benzene	40.0	ug/L	EPA 8260B	12/27/04	92.8	70-130
Toluene	40.0	ug/L	EPA 8260B	12/27/04	89.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/27/04	95.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/27/04	100	70-130
Benzene	40.0	ug/L	EPA 8260B	12/28/04	99.6	70-130
Toluene	40.0	ug/L	EPA 8260B	12/28/04	99.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/28/04	98.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/28/04	104	70-130
Benzene	40.0	ug/L	EPA 8260B	12/23/04	95.3	70-130
Toluene	40.0	ug/L	EPA 8260B	12/23/04	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/23/04	98.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/23/04	86.7	70-130

KIFF ANALYTICAL, LLC

Approved By:

Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Aqua Science Engineers, Inc.
 208 W. El Pintado Road
 Danville, CA 94526
 (925) 820-9391
 FAX (925) 837-4858

Chain of Custody

4622

KIFF

PAGE 1 OF 1

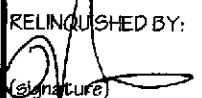
SAMPLER (SIGNATURE)  DAMIAN HRICIGA

PROJECT NAME Lim Property JOB NO. 2808
 ADDRESS 8th St., Oakland

ANALYSIS REQUEST

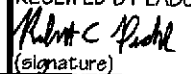
SPECIAL INSTRUCTIONS:
 PLEASE SEND REPORT TO:
 DHRICIGA@AQUASCIENCEENGINEERS.COM
 PLEASE INCLUDE EDF. ID# T0600100535

SAMPLE ID.	DATE	TIME	MATRIX	NO OF SAMPLES	TPH-DIESEL	TPH-DIESEL & MOTOR OIL	FLUORINATED HALOCARBONS	VOLATILE ORGANICS	SEMI-VOLATILE ORGANICS	OIL & GREASE	LUFT METALS (5)	CAM 17 METALS	PCBs & PESTICIDES	ORGANOPHOSPHORUS PESTICIDES	FUEL OXYGENATES	Pb (TOTAL or DISSOLVED)	TPH-G/BTEX/5 OXY'S	TPH-G/BTEX/MTBE / LEAD SCAVANGERS	
					(EPA 3510/8015)	(EPA 3510/8015)	(EPA 601/8010)	(EPA 624/8240/8260)	(EPA 625/8270)	(EPA 5520) HYDROCARBON	(EPA 6010+7000)	(EPA 6010+7000)	(EPA 608/8080)	(EPA 8140 EPA 808/8080)	(EPA 8260)	(EPA 6010)	(EPA 8260)	(EPA 8260)	
MW-1	12/17/04	1030	W	5	x														
MW-2		0735	W	5	x													x	-01
MW-4		0840	W	5	x													x	-02
MW-5		0815	W	5	x													x	-03
MW-6		0950	W	5	x													x	-04
MW-7		0915	W	5	x													x	-05
																		x	-06

RELINQUISHED BY:

 (signature) 1700
 (time)
DAMIAN HRICIGA
 (printed name) 12/17/04
 (date)

RECEIVED BY:
 (signature) (time)
 (printed name) (date)

RELINQUISHED BY:
 (signature) (time)
 (printed name) (date)

RECEIVED BY LABORATORY:

 (signature) 1210
 (time)
ROBERT C PICULE
 (printed name) 122004
 (date)

COMMENTS:

Company-
 Aqua Science Engineers, Inc.

Company-

Company-

Company-
 KIFF ANALYTICAL

TURN AROUND TIME
 STANDARD 24H+ 48H+ 72H+
 OTHER: