

P & D ENVIRONMENTAL

A Division of Paul H. King, Inc.
55 Santa Clara Ave, Suite 240
Oakland, CA 94610
(510) 658-6916

June 1, 2005
Letter 0014.L114

Alameda County
JUN 13 2005
Environmental Health Services

Mr. Amir Gholami
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**SUBJECT: LEAD SCAVENGER RESULTS TRANSMITTAL
FOR GROUNDWATER SAMPLES COLLECTED APRIL 13, 2005**
Xtra Oil Company
3495 Castro Valley Blvd.
Castro Valley, CA

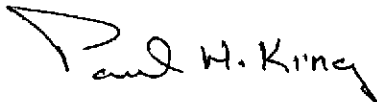
Dear Mr. Gholami:

You will find enclosed the EPA Method 8260 results, including lead scavenger (dibromoethane and dichloroethane) results for groundwater samples collected at the subject site on April 13, 2005. This sampling event was previously reported without lead scavenger results in our Quarterly Groundwater Monitoring and Sampling Report dated April 21, 2005 (Report 0014.R55).

Should you have any questions, please do not hesitate to contact us at (510) 658-6916.

Sincerely,

P&D Environmental



Paul H. King
President

Enclosure

cc: Keith Simas – Xtra Oil Company

PHK/wrw
0014.L114



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0014; Xtra Oil, Castro Valley	Date Sampled: 04/13/05
	Client Contact: Eric Olson	Date Received: 04/14/05
	Client P.O.:	Date Extracted: 04/18/05
		Date Analyzed: 04/18/05

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0504226

Lab ID	0504226-001B	0504226-002B	0504226-003B	0504226-004B	Reporting Limit for DF = 1	
Client ID	MW1	MW3	EW1	OW1		
Matrix	W	W	W	W		
DF	100	1000	100	100	S	W

Compound	Concentration				ug/kg	ug/L
tert-Amyl methyl ether (TAME)	ND<50	ND<500	ND<50	ND<50	NA	0.5
Benzene	1900	31,000	ND<50	2000	NA	0.5
t-Butyl alcohol (TBA)	ND<500	12,000	1600	ND<500	NA	5.0
1,2-Dibromoethane (EDB)	ND<50	ND<500	ND<50	ND<50	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<50	ND<500	ND<50	ND<50	NA	0.5
Diisopropyl ether (DIPE)	ND<50	ND<500	ND<50	ND<50	NA	0.5
Ethylbenzene	1700	2300	ND<50	460	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND<50	ND<500	ND<50	ND<50	NA	0.5
Methyl-t-butyl ether (MTBE)	300	28,000	2700	ND<50	NA	0.5
Toluene	600	4000	ND<50	ND<50	NA	0.5
Xylenes	3000	12,000	ND<50	140	NA	0.5

Surrogate Recoveries (%)

%SS1:	89	86	88	87	
%SS2:	95	96	98	97	
%SS3:	95	98	99	97	
Comments		h		h	

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

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; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

P & D Environmental 55 Santa Clara, Ste.240 Oakland, CA 94610	Client Project ID: #0014; Xtra Oil, Castro Valley	Date Sampled: 04/13/05
	Client Contact: Eric Olson	Date Received: 04/14/05
	Client P.O.:	Date Extracted: 04/18/05
		Date Analyzed: 04/18/05

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0504226

Lab ID	0504226-005B	Reporting Limit for DF=1
Client ID	OW2	
Matrix	W	
DF	1	

Compound	Concentration			ug/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND			NA
Benzene	ND			NA	0.5
t-Butyl alcohol (TBA)	ND			NA	5.0
1,2-Dibromoethane (EDB)	ND			NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND			NA	0.5
Diisopropyl ether (DIPE)	ND			NA	0.5
Ethylbenzene	ND			NA	0.5
Ethyl tert-butyl ether (ETBE)	ND			NA	0.5
Methyl-t-butyl ether (MTBE)	9.7			NA	0.5
Toluene	ND			NA	0.5
Xylenes	ND			NA	0.5

Surrogate Recoveries (%)

%SS1:	88			
%SS2:	94			
%SS3:	99			
Comments				

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

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; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

0504226

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: 0014			PROJECT NAME: Xtra Oil, Castro Valley			NUMBER OF CONTAINERS	ANALYSIS(ES): TPH, Diesel, Lead, Benzene, PCBs, Hexachlorocyclopentadiene, Heptachlorocyclopentadiene, Heptachloroepoxide, Heptachlorocyclopentadiene, Heptachloroepoxide, Heptachlorocyclopentadiene, Heptachloroepoxide				PRESERVATIVE	REMARKS
SAMPLED BY: (PRINTED AND SIGNATURE) Eric Olson E. Olson												
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION								
(+) MW1	4-13-05	13:45	Water			7	X	X			ICE	Normal Turnaround
(+) MW3	↓	14:36	↓			7	X	X			↓	↓
(+) EW1	↓	12:28	↓			7	X	X			↓	↓
(+) OW1	↓	11:00	↓			4	X	X			↓	↓
(+) OW2	↓	10:45	↓			4	X	X			↓	↓
CBP <input checked="" type="checkbox"/> GOOD CONDITION <input checked="" type="checkbox"/> APPROPRIATE CONTAINERS HEAD SPACE ABSENT <input checked="" type="checkbox"/> PRESERVED IN LAB DECONTAMINATED IN LAB <input type="checkbox"/> PRESERVED IN LAB PRESERVATION: VOAS <input type="checkbox"/> O&G <input type="checkbox"/> METALS <input type="checkbox"/> OTHER <input type="checkbox"/>												
RELINQUISHED BY: (SIGNATURE) E. Olson			DATE 4-14-05	TIME 2:15	RECEIVED BY: (SIGNATURE) [Signature]			TOTAL NO. OF SAMPLES (THIS SHIPMENT) 5	LABORATORY: McCampbell Analytical			
RELINQUISHED BY: (SIGNATURE) [Signature]			DATE 4/14/05	TIME 5:10	RECEIVED BY: (SIGNATURE) [Signature]			TOTAL NO. OF CONTAINERS (THIS SHIPMENT) 29	LABORATORY CONTACT: Angela Rydelius (925) 798-1620			
RELINQUISHED BY: (SIGNATURE) [Signature]			DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE) [Signature]			SAMPLE ANALYSIS REQUEST SHEET ATTACHED: () YES (X) NO				
REMARKS: VOAs preserved w/ HCl												

CHAIN OF CUSTODY REPORT

Rec. 10 Jun 91
per 19 Apr 91 letter
request from Dept.

SENT BY: XEROX Telecopier 7011 3-91-91

CLIENT: Xtra oil
ADDRESS:
PHONE:

REPORT TO:
BILLING TO:

TURNAROUND TIME:

8 HR.			
24 HR.		48 HR.	72 HR.
5 DAY		10 DAY	15 DAY <input checked="" type="checkbox"/>

PROJECT NAME/SITE:

POW/BILLING REFERENCE:

SAMPLER: E. Swain DATE: 1-14-91

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE
Well #1	H ₂ O	4	3 Vials 1L Amb	1:38 PM 1-14-91
Well #2	H ₂ O	4	3 Vials 1L Amb	3:15 PM 1-14-91
Well #2	H ₂ O	4	3 Vials 1L Amb	5:01 PM 1-14-91

REMARKS	SAMPLE NUMBER	ANALYSIS REQUESTED												
<u>Good Distilled</u>	1011319													
	1011320													
	1011321													

RELINQUISHED BY: E. Swain DATE: 1/14/91 TIME: 6:37 AM

RECEIVED BY: Bert Stupper

TRAVEL TIME: 45 mins
ON SITE TIME: 6 hrs 45 mins

OTHER:

WERE SAMPLES: PRESERVED ? IN GOOD CONDITION?	YES	NO

SHELL

5 DAY RUSH

CHAIN OF CUSTODY REPORT

CLIENT: XTRA OIL				REPORT TO:				TURNAROUND TIME:			
ADDRESS:				BILLING TO:				8 HR.			
PHONE:								24 HR.		48 HR.	
PROJECT NAME/SITE: XTRA OIL / SHELL STATION 3495 CASTRO VALLEY BLVD., CASTRO VALLEY, CA				POW/BILLING REFERENCE:				5 DAY		10 DAY	
SAMPLER: C. DONOHUE E. DURU				DATE: 9/27/90				ANALYSIS REQUESTED			
SAMPLE ID# / STATION		SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	Diesel	Gas	BTEX	REMARKS		SAMPLE NUMBER
		MW-1	3	2 VOLS 1 Amber	9/27/90 2:55 PM	+	+	+			0093687
		MW-2	3	2 VOLS 1 Amber	9/27/90 3:05 PM	+	+	+			0093688
		MW-3	3	2 VOLS 1 Amber	9/27/90 3 PM	+	+	+			0093689
RELINQUISHED BY: <i>Christopher Donohue</i>				DATE: 9/27/90		TIME: 5 PM		RECEIVED BY: <i>Joe Plange</i>			
RELINQUISHED BY:				DATE:		TIME:		RECEIVED BY:			
RELINQUISHED BY:				DATE:		TIME:		RECEIVED IN LAB BY:			
TRAVEL TIME:								ON SITE TIME:			
OTHER:								WERE SAMPLES PRESERVED ?			
								YES		NO	
IN GOOD CONDITION?											

2000
 9.33
 10.67
 0.16
 10.83
 10.67
 10.74



CHAIN OF CUSTODY REPORT

AGENT: XTRA OIL
 ADDRESS: 4290 28
 REPORT TO:
 BILLING TO:
 TURNDOWN TIME: cheapest (requested)
 8 HR.
 24 HR. 48 HR. 72 HR.
 5 DAY 10 DAY 15 DAY X

PROJECT NAME/SITE: CASTRO VALLEY BLVD. & REMOOD RD.
 CASTRO VALLEY STATION - 3 WELLS

SAMPLER: CHRISTOPHER DONOHUE DATE: 8/23/90

SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED										REMARKS	SAMPLE NUMBER			
					TPH - 6	BTEX	Diesel												
MW-1		3	2 vials 1 Amber	8/23/90 10:55 AM	X	X											2 gals purged before sampling	0084152	
MW-2		3	2 vials 1 Amber	8/23/90 11:05 AM	X	X											" "	0084153	
MW-3		3	2 vials 1 Amber	8/23/90 11:10 AM	X	X											" "	0084154	
																	well depth		
																	To water To bottom	Gals needed	
																	MW-1 9'3"	20'0"	42.9
																	MW-2 9'11"	19'5"	
																	MW-3 8'11"	18'7"	

RELINQUISHED BY: DATE: TIME: RECEIVED BY: TRAVEL TIME:
 RELINQUISHED BY: DATE: TIME: RECEIVED BY: ON SITE TIME:
 RELINQUISHED BY: DATE: TIME: RECEIVED IN LAB BY: OTHER:
 8/23/90 1345
 WERE SAMPLES: YES NO
 PRESERVED? IN GOOD CONDITION?

SENT BY: XEROX Telecopier 7017: 5-31-91 : 3:43PM : 4153649233- 8651889: # 4

CHAIN OF CUSTODY REPORT

CLIENT: ADDRESS: PHONE: PROJECT NAME/SITE:	REPORT TO: BILLING TO:	TURNS AROUND TIME: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">24 HR.</td> <td style="width: 25%;">48 HR.</td> <td style="width: 25%;">72 HR.</td> <td style="width: 25%;">15 DAY</td> </tr> <tr> <td>5 DAY</td> <td>10 DAY</td> <td>15 DAY</td> <td></td> </tr> </table>	24 HR.	48 HR.	72 HR.	15 DAY	5 DAY	10 DAY	15 DAY	
24 HR.	48 HR.	72 HR.	15 DAY							
5 DAY	10 DAY	15 DAY								

ANALYSER: E. CUNYANAN DATE: 7/20/90	ANALYSIS REQUESTED (Grid of 10 columns for analysis types)	REMARKS SAMPLE NUMBER 0073927 0073928 0073929
--	---	---

RELINQUISHED BY: <i>[Signature]</i> DATE: 7/20/90 TIME: 4:00	RECEIVED BY: <i>[Signature]</i>	TRAVEL TIME: 1 HR ON SITE TIME: 2 HR
RELINQUISHED BY:	RECEIVED BY:	OTHER:
RELINQUISHED BY:	RECEIVED IN LAB BY:	WERE SAMPLES PRESERVED ? IN GOOD CONDITION?

SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE
MW-1	H ₂ O	3	PL VIALS	7/20/90 10:00
MW-2	↓	↓	↓	↓
MW-3	↓	↓	↓	↓
MW-1	H ₂ O level			
MW-1	9'1"			
MW-2	9'7"			
MW-3	9.0			

XEROX
 TELECOPIER