

P & D ENVIRONMENTAL

A Division of Paul H. King, Inc.
4020 Panama Court
Oakland, CA 94611
(510) 658-6916

FAX TRANSMITTAL COVER SHEET

Date: 8/5/00

Job #: 0014

To: SCOTT SEERY

Company: ACDEH

From: GREG BROWN
P&D ENVIRONMENTAL

Number of pages in this transmittal, including this cover sheet: 4

SUBJECT: OXYGENATES SAMPLING RESULTS - XTRA OIL Castro Valley

MESSAGE: SCOTT -

PLEASE FIND THE FOLLOWING ATTACHED:

- o OXYGENATES SAMPLING RESULTS FROM MWS AT XTRA OIL - Castro Valley (2 pp.)
- o CHAIN OF CUSTODY DOCUMENTATION (1P.)

CALL US IF YOU HAVE QUESTIONS.


THANKS!

-GREG

cc: KEITH SIMAS, XTRA OIL 510/865-1887 (F)

If transmittal is incomplete, please call (510) 658-6916.
P&D Environmental fax number: (510) 658-9074.

DESTINATION FAX NUMBER: 510/337-93305

 McCAMPBELL ANALYTICAL INC.	110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com
	110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

P&D Environmental 4020 Panama Court Oakland, CA 94611	Client Project ID: #0014; Xtra Oil-Castro Valley	Date Sampled: [REDACTED]
	Client Contact: Greg Brown	Date Received: 07/26/00
	Client P.O:	Date Extracted: 07/31/00
		Date Analyzed: 07/31/00

Oxygenated Volatile Organics By GC/MS

Lab ID	43797	Reporting Limit	
		S	W
Client ID	MW3		
Matrix	W		
Compound	Concentration*	ug/kg	ug/l.
Di-isopropyl Ether (DIPE)	ND<500	5.0	1.0
Ethyl tert-Butyl Ether (ETBE)	ND<500	5.0	1.0
Methyl tert-Butyl Ether (MTBE)	ND<500	5.0	1.0
tert-Amyl Methyl Ether (TAME)	ND<500	5.0	1.0
tert-Butyl Methyl Ether (TBME)	ND<500	25	5.0
Methanol	ND<100,000	1000	200
Ethanol	ND<25,000	250	50

Surrogate Recoveries (%)

Dibromofluoromethane	101	
Comments:		

* water samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / STTC / SPIP extracts in ug/l.
 ND means not detected above the reporting limit. N/A means surrogate not applicable to this analysis
 (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than -5 vol. % sediment; (j) sample diluted due to high organic content



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Ethylene Dibromide (1,2-Dibromoethane) and 1,2-Dichloroethane (1,2-DCA)
EPA method 8260

Lab ID	Client ID	Matrix	EDB*	1,2-DCA*	% Recovery Surrogate
43797	MW3	W	ND<500j	ND<500	101
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W	1.0 ug/L	1.0		
	S	5.0 ug/kg	5.0		

* water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP/ SPLP extracts in ug/L
h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton
Edward Hamilton, Lab Director

26234 2nd 45

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: ODH			PROJECT NAME: XTRA OIL - Castro Valley			NUMBER OF CONTAINERS	ANALYSIS(ES) CHLORIDE, FUEL OIL, 30 EPA 8260, CANPE EPRE, TETRA EPRE, MRE, EIGH EPA 112, 12, 254	PRESERVATIVE	REMARKS		
SAMPLED BY: (PRINTED AND SIGNATURE) Gregg Brown											
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION		ICE	PRESERVATIVE	REMARKS			
MW3	7/26/00		WATER	MONITORING WELL MW3							
								NORMAL THRU AROUND			
								43797			
REINQUISHED BY: (SIGNATURE) 			DATE	TIME	RECEIVED BY: (SIGNATURE) 			TOTAL NO. OF SAMPLES (THIS SHIPMENT)	8	LABORATORY: McCAMPBELL ANALYTICAL INC	
REINQUISHED BY: (SIGNATURE) 			DATE	TIME	RECEIVED BY: (SIGNATURE) 			TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	3		LABORATORY CONTACT: Ed Hamilton
REINQUISHED BY: (SIGNATURE) 			DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)			LABORATORY PHONE NUMBER: (925) 778-1620			
						SAMPLE ANALYSIS REQUEST SHEET ATTACHED: () YES (X) NO					
REMARKS:											