

P & D ENVIRONMENTAL

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

FAX TRANSMITTAL COVER SHEET

Date: 7/21/98 Job #: _____

To: Scott Seery

Company: Alameda Co

From: Paul H. King
P&D ENVIRONMENTAL

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

SUBJECT: XTRA OIL Castro Valley

MESSAGE: Scott, Attached are the following:

① Map (1p)

② Lab results (2pp)

I ~~page~~ plan to collect samples
P23, P24 for contouring purposes.

-Paul

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

DESTINATION FAX NUMBER: 337-9335


McCAMPBELL ANALYTICAL INC.

 110 Second Avenue South, #D7, Pacheco, CA 94553
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P&D Environmental 4020 Panama Court Oakland, CA 94611	Client Project ID: #0014; XTRA Oil - Castro Valley	Date Sampled: 06/28/98
	Client Contact: Paul King	Date Received: 06/30/98
	Client P.O:	Date Analyzed: 07/02-07/04/98
		Date Extracted: 07/01/98

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *


EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GC/FID(3550) or GC/FID(3510)

Lab ID	Client ID	Matrix	TPH(d)*	% Recovery Surrogate
91391	P25	W	32,000.d.h.i	107
91392	P26	W	54.b.g.i	106
Reporting Limit: unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	
	S		1.0 mg/kg	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/L

* cluttered chromatogram resulting in occluded 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 TPH 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) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

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	Client P.O:	Date Extracted: 07/06/98
		Date Analyzed: 07/06/98

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

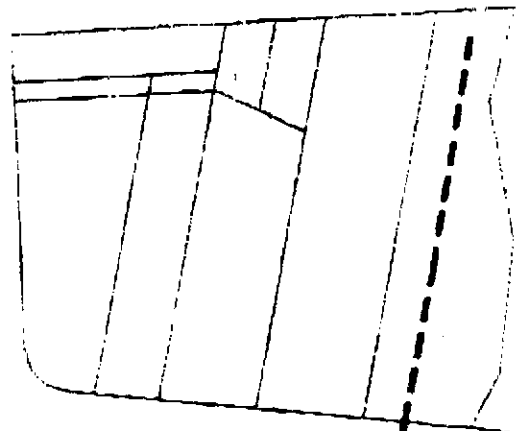
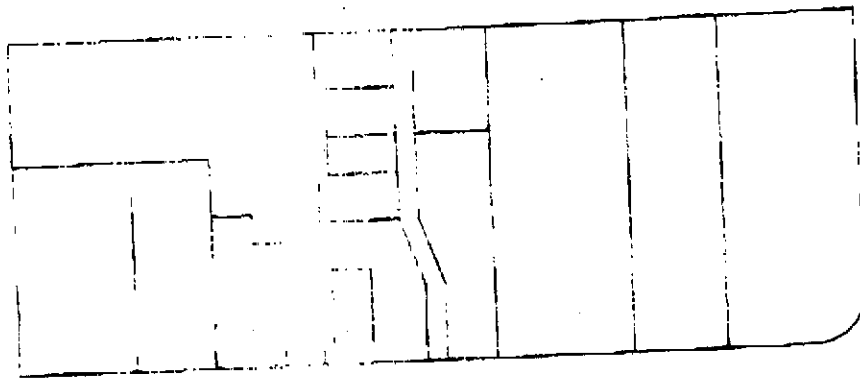
Lab ID	Client ID	Matrix	TPH(g)*	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
91391	P25	W	22,000,a,h,i	ND<200	280	90	690	2100	103
91392	P26	W	ND,i	ND	ND	ND	ND	ND	93
Reporting Limit unless otherwise stated ND means not detected above the reporting limit	W		50 ug/L	5.0	0.5	0.5	0.5	0.5	
	S		1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

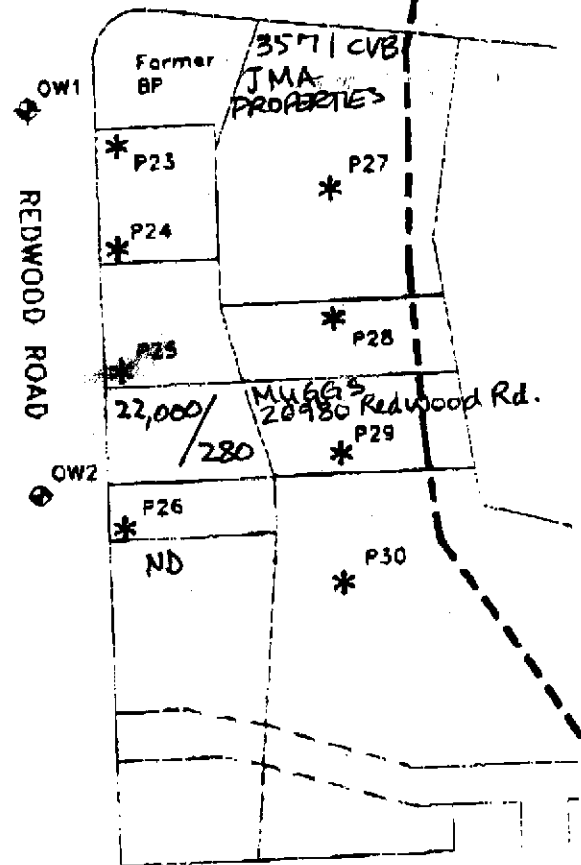
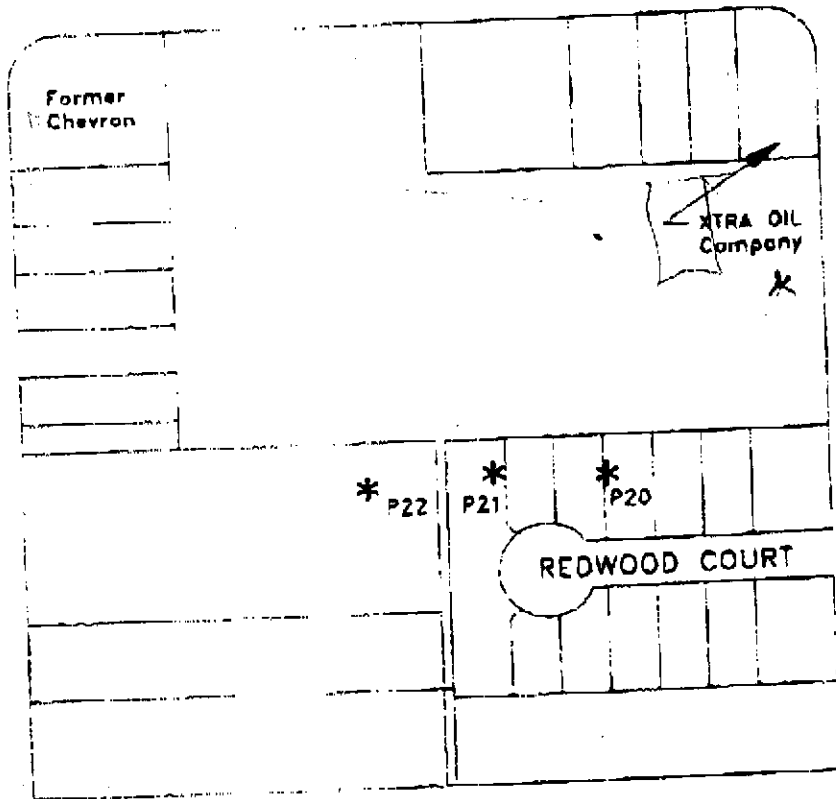
* cluttered chromatogram; sample peak coelutes with surrogate peak

*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) light 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 (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible rheon is present; i) liquid sample that contains greater than ~5 vol % sediment; j) no recognizable pattern.

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CASTRO VALLEY BOULEVARD



Legend

* Proposed Groundwater Grab Sample Collection Location

◆ Proposed Observation Well location

--- Approximate Creek Location

Base Map from:
Castro Valley Sanitation District
Undated
(8/10/85)

TPH-G/benzene

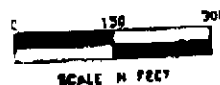


Figure 2
SITE VICINITY MAP
XTRA OIL Company
3459 Castro Valley Blvd
Castro Valley, California