

P & D ENVIRONMENTAL

4020 Panama Court
Oakland, CA 94611
Telephone (510) 658-6916



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Oakland, CA 94611
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FAX TRANSMITTAL COVER SHEET

Date: 11/6/95 Job #: 0101

To: Barney Chan

Company: ACDEN

From: Paul H. King
P&D ENVIRONMENTAL

Number of pages in this transmittal, including this cover sheet: 7-9

SUBJECT: Merritt Construction

MESSAGE: Barney, Attached are 2 maps & analytical results, per our telephone conversation

Paul

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

DESTINATION FAX NUMBER: 337-9335

10-27-1995 02:54PM FROM McCampbell Analytical Inc TO

P&D P.03

McCAMPBELL ANALYTICAL INC.	110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 510-798-1620 Fax: 510-798-1622
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P & D Environmental 4020 Panama Court Oakland, CA 94611	Client Project ID: # 0101; Merritt Construction-Oakland	Date Sampled: 10/18/95
	Client Contact: Paul King	Date Received: 10/19/95
	Client P.O:	Date Extracted: 10/19/95
		Date Analyzed: 10/19/95

Lead*

EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction ^o	Lead*	% Recovery Surrogate
57605	T1-10.0	S	TTLC	4.4	97
57606	T2-10.0	S	TTLC	5.5	100
Reporting Limit unless otherwise stated; ND means not detected above the re- porting limit	S	TTLC	3.0 mg/kg		
	W	TTLC	0.005 mg/L		
	---	STLC,TCLP	0.2 mg/L		

* soil samples are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L.

+ Lead is analyzed using EPA method 6010 (ICP) for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

o EPA extraction methods 1311(TCLP), 3010/3070(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC from CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

i) liquid sample that contains greater than ~ 2 vol % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly affect reported metal concentrations

DHS Certification No. 1644

 Edward Hamilton, Lab Director

F & D ENVIRONMENTAL

4020 Panama Court
Oakland, CA 94611
Telephone (510) 458-6916

CHAIN OF CUSTODY RECORD

5075 APX 116 PAGE 1 OF 1

PROJECT NUMBER: 0101		PROJECT NAME: Merritt Construction - Oakland			NUMBER OF CONTAINERS	ANALYSIS(ES):		PRESERVATIVE	REMARKS
SAMPLED BY: (PRINTED AND SIGNATURE) Paul H. King						TECH - Gases	RTX		
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION					
T1-10.0	10/15/95		Soil	Tank pit bottom	1	X	X		
T2-10.0	"		"	" " "	1	X	X		Normal Turn Around
					57615				
					57606				
REPT. GOOD QUALITY LIMITED SPACE ABSENT APPROVED APPROVED CONTAINERS									
RELINQUISHED BY: (SIGNATURE) Paul H. King		DATE 10/15/95	TIME 2:51	RECEIVED BY: (SIGNATURE) John E. ... 601	TOTAL NO. OF SAMPLES (THIS SHEET) 2		LABORATORY: McCampbell Analytical		
RELINQUISHED BY: (SIGNATURE) Andrew ... 641		DATE 10/19	TIME 10:50	RECEIVED BY: (SIGNATURE) Nikki ...	TOTAL NO. OF CONTAINERS (THIS SHEET) 2		LABORATORY CONTACT: Ed Hamilton (570) 798-1620		
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: () YES (X) NO				
REMARKS: Send invoice to Merritt Construction. Send results to Merritt Construction and (P.D.)									

10-26-1995 04:06PM FROM McCampbell Analytical Inc TO

P&D P.01

McCAMPBELL ANALYTICAL INC. 110 2nd Avenue South, #D7, Pacheco, CA 94553
 Tele: 510-798-1620 Fax: 510-798-1622

P & D Environmental 4020 Panama Court Oakland, CA 94611	Client Project ID: # 0101, Merritt Construction-Oakland	Date Sampled: 10/18/95
	Client Contact: Paul King	Date Received: 10/19/95
	Client P.O.:	Date Extracted: 10/19/95
		Date Analyzed: 10/20/95

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with BTEX*
 EPA methods 5030, modified 8015, and 8020 or 602, California RWOCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)*	Benzene	Toluene	Ethylben- zene	Xylenes	% Rec. Surrogate
57607	Comp A	S	14,b	ND	ND	ND	0.008	100

Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W	50 ug/L	0.5	0.5	0.5	0.5
	S	1.0 mg/kg	0.005	0.005	0.005	0.005

* water and vapor samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts 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 (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

EH Edward Hamilton, Lab Director

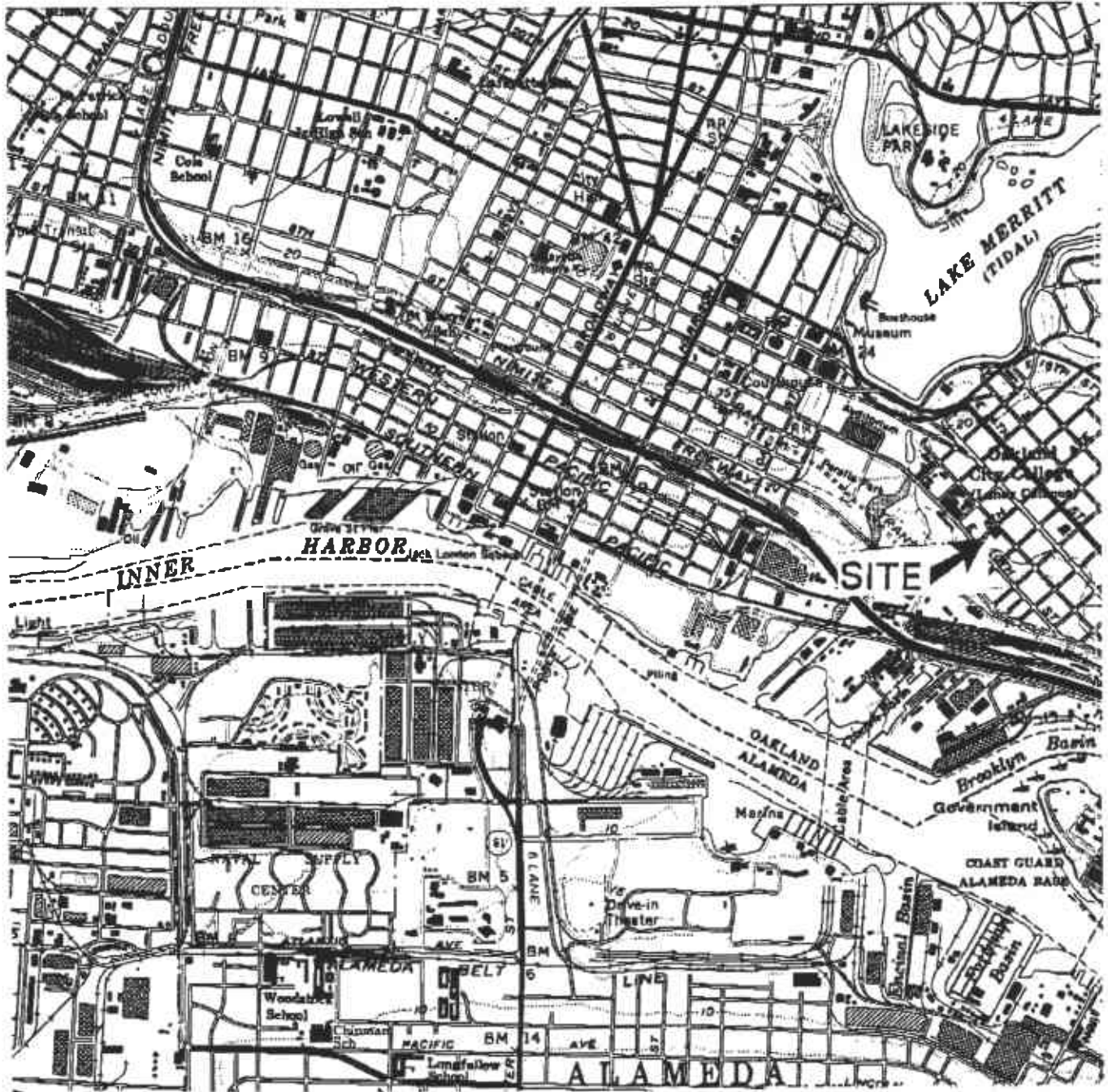
CHAIN OF CUSTODY RECORD

5096 AB 47 PAGE 1 OF 1

PROJECT NUMBER: 0101		PROJECT NAME: Merritt Construction - Oakland			NUMBER OF CONTAINERS	ANALYSIS(ES):				PRESERVATIVE	REMARKS
SAMPLED BY: (PRINTED AND SIGNATURE) Paul H. King						PH	Gas	BTX	Lead		
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION							
Comp A	10/16/95		Soil	Soil Stockpile	4	X	X			ICE	Normal Turn Around
											57607
					ICEIT* <input checked="" type="checkbox"/>		PRESERVATIVE <input checked="" type="checkbox"/>				
					GOOD CONDITION <input checked="" type="checkbox"/>		APPROPRIATE <input checked="" type="checkbox"/>				
					HEADSPACE ABSENT <input checked="" type="checkbox"/>		CONTAINERS <input checked="" type="checkbox"/>				
RELINQUISHED BY: (SIGNATURE) Paul H. King		DATE 10/16/95	TIME 2:51	RECEIVED BY: (SIGNATURE) James Furr #601		TOTAL NO. OF SAMPLES (THIS SHEET)	1	LABORATORY: McCampbell Analytical			
RELINQUISHED BY: (SIGNATURE) J. Furr #641		DATE 10/19	TIME 10:50	RECEIVED BY: (SIGNATURE) Nicky Davis		TOTAL NO. OF CONTAINERS (THIS SHEET)	4	LABORATORY CONTACT: Ted Hamilton (510) 798-1620			
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)		SAMPLE ANALYSIS REQUEST SHEET ATTACHED: () YES (X) NO					
REMARKS:					Please composite samples container contents prior to analysis. Send invoice to Merritt Construction. Send results to Merritt Construction and P&D.						

P & D ENVIRONMENTAL

4020 Panama Court
Oakland, CA 94611
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Base Map From:
 U.S. Geological Survey
 Oakland West, Calif.
 7.5 Minute Quadrangle
 Photorevised, 1980

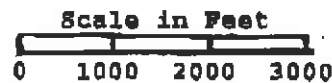


Figure 1
SITE LOCATION MAP
 Merritt Construction, Inc.
 1044 5th Avenue
 Oakland, California

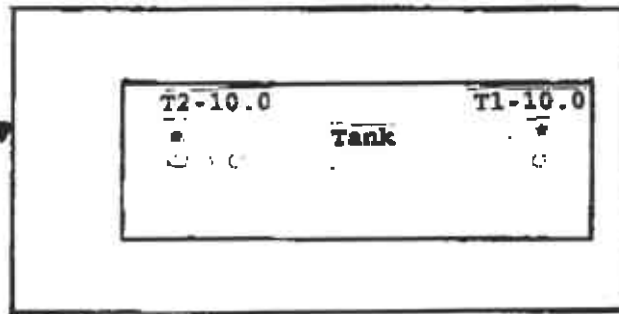
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5th Avenue

Sidewalk

Tank Pit



Fence (Corrugated Sheet Metal)

Yard Entrance

To East 11th Street

LEGEND

- Soil Sample Collection Location

North

Scale in Feet



Base Map From:
P&D Environmental
October, 1995

Figure 2
SITE PLAN
Merritt Construction, Inc.
1044 5th Avenue
Oakland, California