Anlab

ANALYTICAL LABORATORY   1910 S STREET SACRAMENTO, CALIFORNIA 95814 • 916-447-2946 • FAX 916-447-8321

December 18, 1997

Attn: Red   Project: Bureau of Rec.
Moldenhauer Eng.
1107 Kennedy Place, Ste 7
Davis, CA 95616

Anlab I.D. AG16751   Client Code: 2534CR
SAMPLE DESCRIPTION: #6   Matrix: W
Sample collection date: 10/23/97   Time: 11:40
Lab submittal date: 10/23/97   Time: 16:20
Turn-Around-Time: REG   Sample Disposal: LAB

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: TPH by Modified 8015			
Petroleum Hydrocarbon as Diesel	mg/l	ND	0.050
Pet. Hydrocarbon as Motor Oil	mg/l	ND	0.50
Multicomponent analysis: Gas(8015)/BTX&E(8020) EPA 5030			
Gasoline	ug/l	ND	20
Benzene	ug/l	ND	0.50
Toluene	ug/l	ND	0.50
Xylene	ug/l	ND	0.50
Ethylbenzene	ug/l	ND	0.50
MTBE	ug/l	ND	4.0

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Anlab I.D. AG16752
SAMPLE DESCRIPTION: #7
Sample collection date: 10/23/97
Lab submittal date: 10/23/97
Turn-Around-Time: REG

Client Code: 2534CR
Matrix: W
Time: 12:00
Time: 16:20
Sample Disposal: LAB

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: TPH by Modified 8015			
Petroleum Hydrocarbon as Diesel	mg/l	ND	0.050
Pet. Hydrocarbon as Motor Oil	mg/l	ND	0.50
Multicomponent analysis: Gas(8015)/BTX&E(8020) EPA 5030			
Gasoline	ug/l	ND	20
Benzene	ug/l	ND	0.50
Toluene	ug/l	ND	0.50
Xylene	ug/l	ND	0.50
Ethylbenzene	ug/l	ND	0.50
MTBE	ug/l	ND	4.0

ND = Not Detected

	Date Extracted	Date Analyzed
EPA 8015, Mod	10/30/97	11/05/97
EPA 5030		11/30/97

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Case Narrative:

Analysis: EPA 8015, Modified - TPH

Problem: An LCS/LCSD were analyzed. One of them was outside of the
established control limits, therefore, the RPD between them
was also outside of control limits.

Data Qualification: The MS/MSD performed on the sample had acceptable
recoveries and RPDs. See enclosed QA/QC report.

MS = Matrix Spike
MSD = Matrix Spike Duplicate
LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
RPD = Relative Percent Difference

Report Approved By: _____

ELAP ID #: 1468   Craig Hays
Quality Assurance Manager

:rr

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

LCS = LAB CONTROL SAMPLE
% Dup RPD: X=SAMPLE OR MATRIX SPIKE RESULT Y=DUPLICATE OR MATRIX SPIKE DUP RESULT ((ABS(X-Y))/((X+Y))/2)*100

Analysis/Analyte	MDL	Units	QA Sample Number	QA Sample Result	LCS % Rec	Spike Result	Matrix Duplicate or MSD Result	QA/QC Summary % Spike Rec	QA/QC Summary % Dup RPD	Analyst Initials
$5030 (Benzene)	0.50	ug/l	AG16750	ND	88	4.20	4.38	84	4.2	JJ
$5030 (Toluene)	0.50	ug/l	AG16750	ND	97	4.60	4.55	92	1.1	JJ
$5030 (Xylene)	0.50	ug/l	AG16750	ND	88	12.7	13.7	84	7.6	JJ
$5030 (Ethylbenzene)	0.50	ug/l	AG16750	ND	90	4.32	4.62	86	6.7	JJ
$TPH (SPIKE RESULT (MS))			AG16357			184				
$TPH (DUP OR MSD RESULT)			AG16357				401			
$TPH (LCS RECOVERY 55-120)			AG16357		37					
$TPH (SPIKE RECOVERY WATERS 50-120)			AG16357					NA		
$TPH (DUPLICATE RPD WATERS 0-30)			AG16357						74	

CHAIN OF CUSTODY RECORD

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CLIENTS RELEASE OF SAMPLE TO ANLAB CONSTITUTES AN AGREEMENT TO PAY ANLAB WITHIN 30 DAYS OF BEING INVOICED FOR WORK PERFORMED. SHOULD ANLAB HAVE TO TAKE LEGAL ACTION FOR COLLECTION, CLIENT AGREES TO PAY ANLAB'S ATTORNEY FEES AND COST OF COLLECTION.

CLIENT INFORMATION

Company: Moldenhauer Eng   Contact Name: Roe

Address: 1107 Kennedy Place Suite #7

City: Davis   State: CA   Zip: 95616

Billing Address: See Above

Telephone: 916-756-6249   FAX: ——

Project Name: Bureau of Rec.   P.O Number:

Sampler's Co.: Moldenhauer Eng   Sampler's Name: L Moldenhauer

Anlab Use Only:

Hours: _____

Miles: _____

Equip.: _____

SAMPLE IDENTIFICATION	Date	Time	M D H E A	8015	8030-T	WT BE						Sample Type W	W W	SOIL	SLUDGE		Number of Containers PLASTIC	GLASS	VOA	STERILE	Preservation TEMP	ACID	BASE
#5	10/23	11:10										✓					4			✓		
#6	"	11:40										✓					4			✓		
#7	"	12:00										✓					4			✓		

COMMENTS/SPECIAL INSTRUCTIONS:

Samples Packed in Ice.

TURNAROUND TIME:
24 HOUR ☐ 48 HOUR ☐ 72 HOUR ☐
5 DAY ☐ STANDARD ☐
QC LEVEL: A ☐ B ☑ C ☐ D ☐

SAMPLE DISPOSAL: ☐ HOLD
☐ RETURN ☑ DISPOSE
SHIPPED VIA: Delivered
☐ UPS ☐ FED-EX ☐ BUS ☐ OVERNIGHT

SAMPLE RELINQUISHED BY	PRINT NAME/COMPANY	DATE/TIME	RECEIVED BY	PRINT NAME/COMPANY
Bureau of Rec	Moldenhauer	10/23 4:00	(signature)	10/23/97 16:10
" "		"		
" "		"		

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