

Petroleum Engineering
11 West 9th St.
Santa Rosa, CA 95401

April 17, 1989
PACE Project Number: 490327503

Attn: Mr. Jeff Mikalson

APR 19 1989

James Chevrolet - 914-916 SAN PABLO AVENUE, ALBANY, CA.

Date Sample(s) Collected: 03/27/89

Date Sample(s) Received: 03/27/89

PACE Sample Number:

Parameter

Units

MDL

717100

H-1

717110

H-2

717120

H-3

ORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Purgeable Fuels, as Gasoline (EPA 8015) mg/kg wet 1.0 1300 ND ND

PURGEABLE AROMATIC COMPOUNDS, EPA 8020

Benzene	mg/kg	0.005	8.6	ND	ND
Ethylbenzene	mg/kg	0.005	41	ND	ND
Toluene	mg/kg	0.005	100	0.026	0.009
Xylenes, Total	mg/kg	0.005	320	0.040	0.007

TOTAL OIL AND GREASE (GRAV. EPA 9071)

Total Oil and Grease (Freon Extractable)	mg/kg wet	50	-	ND	ND
Date Extracted				04/04/89	04/04/89

EXTRACTABLE FUELS

Extractable Fuels, as Diesel	mg/kg	10	-	ND	ND
Soxhlet Extraction Date Started				04/10/89	04/10/89

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS

Dichlorodifluoromethane	ug/kg	10	-	ND	ND
Chloromethane	ug/kg	10	-	ND	ND
Vinyl Chloride	ug/kg	10	-	ND	ND
Bromomethane	ug/kg	10	-	ND	ND
Chloroethane	ug/kg	10	-	ND	ND
Trichlorofluoromethane	ug/kg	5	-	ND	ND
2-Butanone (MEK)	ug/kg	10	-	ND	ND
Iodomethane	ug/kg	5	-	ND	ND
1,1-Dichloroethene	ug/kg	5	-	ND	ND
Carbon Disulfide	ug/kg	5	-	ND	ND
Acrylonitrile	ug/kg	5	-	ND	ND

MDL Method Detection Limit
ND Not detected at or above the MDL.

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PACE Sample Number: Parameter	Units	MDL	717100 H-1	717110 H-2	717120 H-3
<u>ORGANIC ANALYSIS</u>					
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS					
Methylene Chloride	ug/kg	5	-	8	35
trans-1,2-Dichloroethene	ug/kg	5	-	ND	ND
1,1-Dichloroethane	ug/kg	5	-	ND	ND
Chloroform	ug/kg	5	-	ND	ND
1,1,1-Trichloroethane	ug/kg	5	-	ND	ND
1,2-Dichloroethane	ug/kg	5	-	ND	ND
Carbon Tetrachloride	ug/kg	5	-	ND	ND
Benzene	ug/kg	5	-	ND	ND
1,2-Dichloropropane	ug/kg	5	-	ND	ND
Trichloroethene	ug/kg	5	-	ND	ND
Dibromomethane	ug/kg	5	-	ND	ND
Bromodichloromethane	ug/kg	5	-	ND	ND
trans-1,3-Dichloropropene	ug/kg	5	-	ND	ND
3-Methyl-2-pentanone (MIBK)	ug/kg	10	-	ND	ND
Toluene	ug/kg	5	-	ND	ND
cis-1,3-Dichloropropene	ug/kg	5	-	ND	ND
1,1,2-Trichloroethane	ug/kg	5	-	ND	ND
2-Chloroethylvinyl Ether	ug/kg	5	-	ND	ND
Ethylmethacrylate	ug/kg	5	-	ND	ND
Dibromochloromethane	ug/kg	5	-	ND	ND
Tetrachloroethene	ug/kg	5	-	ND	ND
Chlorobenzene	ug/kg	5	-	ND	ND
Ethylbenzene	ug/kg	5	-	ND	ND
Bromoform	ug/kg	5	-	ND	ND
Xylene(s) Total	ug/kg	5	-	ND	ND
1,1,2,2,-Tetrachloroethane	ug/kg	5	-	ND	ND
1,2,3-Trichloropropane	ug/kg	5	-	ND	ND
1,4-Dichloro-2-butene	ug/kg	5	-	ND	ND
1,3-Dichlorobenzene	ug/kg	5	-	ND	ND
1,4-Dichlorobenzene	ug/kg	5	-	ND	ND
1,2-Dichlorobenzene	ug/kg	5	-	ND	ND

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<u>ORGANIC ANALYSIS</u>					
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS					
1,2-Dichloroethane-d4 (Surrog. Recovery)			-	99%	104%
Toluene-d8 (Surrogate Recovery)			-	103%	101%
4-Bromofluorobenzene (Surrog. Recovery)			-	99%	124%
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)					
N-Nitrosodimethylamine	ug/kg	300	-	ND	ND
Aniline	ug/kg	300	-	ND	ND
Bis(2-chloroethyl) ether	ug/kg	300	-	ND	ND
1,3-Dichlorobenzene	ug/kg	300	-	ND	ND
Benzyl Alcohol	ug/kg	300	-	ND	ND
1,4-Dichlorobenzene	ug/kg	300	-	ND	ND
1,2-Dichlorobenzene	ug/kg	300	-	ND	ND
Bis(2-chloroisopropyl) ether	ug/kg	300	-	ND	ND
N-Nitrosodipropylamine	ug/kg	300	-	ND	ND
Hexachloroethane	ug/kg	300	-	ND	ND
Nitrobenzene	ug/kg	300	-	ND	ND
Isophorone	ug/kg	300	-	ND	ND
Bis(2-chloroethoxy)methane	ug/kg	300	-	ND	ND
1,2,4-Trichlorobenzene	ug/kg	300	-	ND	ND
Naphthalene	ug/kg	300	-	ND	ND
4-Chloroaniline	ug/kg	300	-	ND	ND
Hexachlorobutadiene	ug/kg	300	-	ND	ND
2-Methylnaphthalene	ug/kg	300	-	ND	ND
Hexachlorocyclopentadiene	ug/kg	300	-	ND	ND
2-Chloronaphthalene	ug/kg	300	-	ND	ND
2-Nitroaniline	ug/kg	1500	-	ND	ND
Dimethyl phthalate	ug/kg	300	-	ND	ND
Acenaphthylene	ug/kg	300	-	ND	ND
2,6-Dinitrotoluene	ug/kg	300	-	ND	ND
3-Nitroaniline	ug/kg	1500	-	ND	ND
Acenaphthene	ug/kg	300	-	ND	ND

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PACE Sample Number: Parameter	Units	MDL	717100 H-1	717110 H-2	717120 H-3
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ORGANIC ANALYSIS

EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)

Dibenzofuran	ug/kg	300	-	ND	ND
2,4-Dinitrotoluene	ug/kg	300	-	ND	ND
Diethylphthalate	ug/kg	300	-	ND	ND
Fluorene	ug/kg	300	-	ND	ND
4-Nitroaniline	ug/kg	1500	-	ND	ND
4-Chlorophenylphenylether	ug/kg	300	-	ND	ND
N-Nitrosodiphenylamine	ug/kg	300	-	ND	ND
1,2-Diphenylhydrazine	ug/kg	300	-	ND	ND
4-Bromophenylphenylether	ug/kg	300	-	ND	ND
Hexachlorobenzene	ug/kg	300	-	ND	ND
Phenanthrene	ug/kg	300	-	ND	ND
Anthracene	ug/kg	300	-	ND	ND
Di-n-butylphthalate	ug/kg	300	-	ND	ND
Fluoranthene	ug/kg	300	-	ND	ND
Benzidine	ug/kg	1500	-	ND	ND
Pyrene	ug/kg	300	-	ND	ND
Butylbenzylphthalate	ug/kg	300	-	ND	ND
Benzo(a)anthracene	ug/kg	300	-	ND	ND
3,3'-Dichlorobenzidine	ug/kg	600	-	ND	ND
Chrysene	ug/kg	300	-	ND	ND
Bis(2-ethylhexyl)phthalate	ug/kg	300	-	ND	ND
Di-n-octylphthalate	ug/kg	300	-	ND	ND
Benzo(b)fluoranthene	ug/kg	300	-	ND	ND
Benzo(k)fluoranthene	ug/kg	300	-	ND	ND
Benzo(a)pyrene	ug/kg	300	-	ND	ND
Ideno(1,2,3-cd)pyrene	ug/kg	300	-	ND	ND
Dibenzo(a,h)anthracene	ug/kg	300	-	ND	ND
Benzo(g,h,i)perylene	ug/kg	300	-	ND	ND
Phenol	ug/kg	300	-	ND	ND
2-Chlorophenol	ug/kg	300	-	ND	ND
2-Methylphenol	ug/kg	300	-	ND	ND

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ORGANIC ANALYSIS

EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)

4-Methylphenol	ug/kg	300	-	ND	ND
2-Nitrophenol	ug/kg	300	-	ND	ND
2,4-Dimethylphenol	ug/kg	300	-	ND	ND
Benzoic Acid	ug/kg	1500	-	ND	ND
2,4-Dichlorophenol	ug/kg	300	-	ND	ND
4-Chloro-3-methylphenol	ug/kg	300	-	ND	ND
2,4,6-Trichlorophenol	ug/kg	300	-	ND	ND
2,4,5-Trichlorophenol	ug/kg	300	-	ND	ND
2,4-Dinitrophenol	ug/kg	1500	-	ND	ND
4-Nitrophenol	ug/kg	1500	-	ND	ND
2-Methyl-4,6-dinitrophenol	ug/kg	1500	-	ND	ND
Pentachlorophenol	ug/kg	300	-	ND	ND
alpha-BHC	ug/kg	300	-	ND	ND
beta-BHC	ug/kg	300	-	ND	ND
gamma-BHC	ug/kg	300	-	ND	ND
delta-BHC	ug/kg	300	-	ND	ND
Heptachlor	ug/kg	300	-	ND	ND
Aldrin	ug/kg	300	-	ND	ND
Heptachlor Epoxide	ug/kg	300	-	ND	ND
Endosulfan I	ug/kg	300	-	ND	ND
4,4'-DDE	ug/kg	1500	-	ND	ND
Dieldrin	ug/kg	300	-	ND	ND
Endrin	ug/kg	300	-	ND	ND
Endosulfan II	ug/kg	300	-	ND	ND
4,4'-DDD	ug/kg	300	-	ND	ND
Endrin Aldrin	ug/kg	1500	-	ND	ND
4,4'-DDT	ug/kg	300	-	ND	ND
Endosulfan Sulfate	ug/kg	1500	-	ND	ND
Aroclor-1016	ug/kg	3000	-	ND	ND
Aroclor-1221	ug/kg	3000	-	ND	ND
Aroclor-1232	ug/kg	3000	-	ND	ND

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<u>ORGANIC ANALYSIS</u>					
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)					
Aroclor-1242	ug/kg	3000	-	ND	ND
Aroclor-1248	ug/kg	3000	-	ND	ND
Aroclor-1254	ug/kg	3000	-	ND	ND
Aroclor-1260	ug/kg	3000	-	ND	ND
Nitrobenzene-d5 (Surrogate Recovery)			-	38%	34%
2-Fluorobiphenyl (Surrogate Recovery)			-	43%	40%
Terphenyl-d14 (Surrogate Recovery)			-	49%	51%
2-Fluorophenol (Surrogate Recovery)			-	58%	47%
Phenol-d5 (Surrogate Recovery)			-	51%	47%
2,4,6-Tribromophenol (Surrogate Recovery)			-	44%	43%
Date Extracted			-	04/04/89	04/04/89

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PACE Sample Number: 717130
Parameter Units MDL H-4

ORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

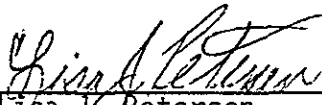
Purgeable Fuels, as Gasoline (EPA 8015) mg/kg wet 1.0 270

PURGEABLE AROMATIC COMPOUNDS, EPA 8020

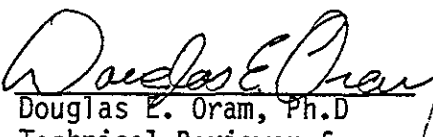
Benzene	mg/kg	0.005	LT 0.13
Ethylbenzene	mg/kg	0.005	LT 0.13
Toluene	mg/kg	0.005	1.6
Xylenes, Total	mg/kg	0.005	22

MDL Method Detection Limit
ND Not detected at or above the MDL.

Approval:



Lisa J. Petersen
Project Manager for
PACE Laboratories



Douglas E. Oram, Ph.D
Technical Reviewer for
PACE Laboratories

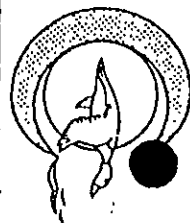
to be act. pit?
Stock pit. see
8017.

CHAIN OF CUSTODY RECORD

Send report to Petroleum
ASK JEFF about invoice

490327.503

PROJ. NO.	PROJECT NAME		P.O. NO		NO OF CON-TAINERS	REMARKS					
0999-H	JAMES CHEVROLET 914 SAN PABLO ALBANY					STANDARD PRIORITY					
SAMPLERS: Signature			Send report attention to;								
Bryan Fritz			Fritz								
STA NO	DATE	TIME	COMP.	GRAB	STATION LOCATION	706-503E	TPH-6	TPH-D	8240 CHL	8270 PCH	BIXE
H-1	3/27	4:20 PM			EAST TANK 9' BGS	X	✓				
H-2	3/27	4:45 PM			WEST TANK 8.5' BGS	✓	✓	✓	✓	✓	✓
H-3	3/27	4:50 PM			WEST STOCKPILE COMPOSITE	✓	✓	✓	✓	✓	✓
H-4	3/27	5:15 PM			EAST TANK STOCKPILE COMPOSITE	X	✓			✓	
cancelled by phone 3/28 by B. Fritz											



CROSBY & OVERTON
Environmental Management Inc.
8430 Amelia Street • Oakland, California 94621
(415) 633-0336
FAX (415) 633-0759

Relinquished by: Signature Bryan Fritz	Date/Time 3/27/89 17:25	Received by: Signature [Signature]	Date/Time	REMARKS: SEND RESULTS PETROLEUM ENGINEERING- (707)-545-0360
Relinquished by: Signature [Signature]	Date/Time 3/27 6:20 PM	Received by: Signature Michelle Casey	Date/Time	
Relinquished by: Signature	Date/Time	Received by: Signature	Date/Time	

Company Name: PACE
Address: P.O. # 24520

NORTH

ADAMS STREET

Sidewalk

W.O. Tank

Parking

Parking

(Other businesses and structures)

Sidewalk

SOLANO AVENUE

Gasoline Tank

Gas. Pump

Sidewalk

SAN PABLO AVENUE

AUTO SALES & SERVICE
914 - 916 San Pablo Avenue
Albany, California

1"-30'

