GTEL
ENVIRONMENTAL
LABORATORIES, INC.
Northwest Region
4080 Pike Lane
Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

Cademartori Trucking
Client Number: SFB-176-0085.72
Project ID: 1833 Peralta Oakland
Work Order Number: C0-07-313

July 19, 1990

Pat McShane
Diablo Tank & Equipment
4030 Pacheco Blvd. #5
Martinez, CA 94553

Enclosed please find the analytical results report prepared by GTEL for samples received on 07/11/90.

GTEL is certified by the California State Department of Health Services to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

A formal quality control/quality assurance program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project was performed in strict adherence to our QA/QC program to ensure sample integrity and to meet quality control criteria.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Emma P. Popek

Emma P. Popek
Laboratory Director

Client Number: SFB-176-0085.72
Project ID: 1833 Peralta
Work Order Number: C0-07-304

Table 1

ANALYTICAL RESULTS

Aromatic Volatile Organics in Water

EPA Methods 5030 and 8020[a]

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.

GTEL Sample Number		01 *			
Client Identification		#1			
Date Sampled		07/10/90			
Date Analyzed		07/18/90			
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	<3			
Toluene	0.3	<3			
Ethylbenzene	0.3	<3			
Xylene, total	0.6	<6			
BTEX, total	--	--			
Detection Limit Multiplier		10			

* Detection limits raised due to surfactants in the sample.

Client Number: SFB-176-0085.72
Project ID: 1833 Peralta
Work Order Number: C0-07-305

Table 1

ANALYTICAL RESULTS

Aromatic Volatile Organics in Soil

EPA Methods 5030 and 8020[a]

GTEL Sample Number		01	02 *	03	04 *
Client Identification		#3	#4	#9	#10
Date Sampled		07/10/90	07/10/90	07/10/90	07/10/90
Date Extracted		07/12/90	07/12/90	07/12/90	07/12/90
Date Analyzed		07/14/90	07/14/90	07/14/90	07/14/90
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	0.17	0.24	<0.1
Toluene	0.005	<0.005	<0.1	0.92	<0.1
Ethylbenzene	0.005	<0.005	0.34	0.38	0.17
Xylene, total	0.015	<0.015	1	2	0.33
BTEX, total	--	--	2	4	0.5
Detection Limit Multiplier		1	20	20	20

* Detection limits raised due to high levels of hydrocarbons.
a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.

Client Number: SFB-176-0085.72
Project ID: 1833 Peralta
Work Order Number: C0-07-306

Table 1

ANALYTICAL RESULTS

Aromatic Volatile Organics and Total Petroleum Hydrocarbons as Gasoline in Water

EPA Methods 5030, 8020, and Modified 8015[a]

GTEL Sample Number		01			
Client Identification		#2			
Date Sampled		07/10/90			
Date Analyzed		07/17/90			
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	240			
Toluene	0.3	14			
Ethylbenzene	0.3	2			
Xylene, total	0.6	10			
BTEX, total	--	270			
TPH as Gasoline	1	3200			
Detection Limit Multiplier		2			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Control Board LUFT Manual protocols, May 1988 revision. <PQL = less than practical quantitation levels, per EPA Federal Register, November 13, 1985, p. 46906.

Table 1

ANALYTICAL RESULTS

Aromatic Volatile Organics and Total Petroleum Hydrocarbons as Gasoline in Soil

EPA Methods 5030, 8020, and Modified 8015[a]

GTEL Sample Number		01	02	03	04
Client Identification		#5	#6	#7	#8
Date Sampled		07/10/90	07/10/90	07/10/90	07/10/90
Date Extracted		07/12/90	07/12/90	07/12/90	07/12/90
Date Analyzed		07/14/90	07/14/90	07/14/90	07/14/90
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005	<0.005	0.03	0.04
Toluene	0.005	0.01	0.01	<0.005	<0.005
Ethylbenzene	0.005	0.03	0.05	<0.005	<0.005
Xylene, total	0.015	0.13	0.15	<0.015	<0.015
BTEX, total	--	0.17	0.21	0.03	0.04
TPH as Gasoline	1	20	37	<1	<1
Detection Limit Multiplier		1	1	1	1

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Control Board LUFT Manual protocols, May 1988 revision.

Table 1 (Continued)

ANALYTICAL RESULTS

Aromatic Volatile Organics and Total Petroleum Hydrocarbons as Gasoline in Soil

EPA Methods 5030, 8020, and Modified 8015[a]

GTEL Sample Number		05			
Client Identification		#11			
Date Sampled		07/10/90			
Date Extracted		07/12/90			
Date Analyzed		07/14/90			
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Benzene	0.005	<0.005			
Toluene	0.005	<0.005			
Ethylbenzene	0.005	<0.005			
Xylene, total	0.015	<0.015			
BTEX, total	--	--			
TPH as Gasoline	1	<1			
Detection Limit Multiplier		1			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Control Board LUFT Manual protocols, May 1988 revision.

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WORK ORD#: C007308
CLIENT: Pat McShane
Diablo Tank & Equipment
4030 Pacheco Blvd. #5
Martinez, CA 94553
PROJECT#: SFB-176-0085.72
LOCATION: 1833 Peralta

SAMPLED: 07/10/90 BY: J. James
RECEIVED: 07/11/90
ANALYZED: 07/18/90 BY: F. Kha

MATRIX: Water
UNITS: ug/L (ppb)

PARAMETER	MDL	SAMPLE # I.D.	01 #1	02 #2			
Total Petroleum Hydrocarbons as Diesel	10		77000	200			

+ local well
⇒ driven well point
⇒ peristaltic pump
well diameter
Johnson wire wrapped screen

Doug Lovell
528-9234
Streamborn Env

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.
METHOD: Modified EPA 3510/8015

Emma P. Popek
EMMA P. POPEK, Laboratory Director

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07/16/90 lzo Page 1 of 2

WORK ORD#: C007309
CLIENT: Pat McShane
Diablo Tank & Equipment
4030 Pacheco Blvd. #5
Martinez, CA 94553
PROJECT#: SFB-176-0085.72
LOCATION: 1833 Peralta

SAMPLED: 07/10/90 BY: J. James
RECEIVED: 07/11/90
ANALYZED: 07/12/90 BY: F. Kha

MATRIX: Soil
UNITS: mg/Kg (ppm)

PARAMETER	MDL	SAMPLE # I.D.	01 #3	02 #4	03 #5	04 #6	05 #9
Total Petroleum Hydrocarbons as Diesel	10		<10	4800	<10	50	4500

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD: Modified EPA 8015

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WORK ORD#: C007309

CLIENT: Pat McShane
PROJECT#: SFB-176-0085.72
LOCATION: 1833 Peralta

MATRIX: Soil
UNITS: mg/Kg (ppm)

PARAMETER	MDL	SAMPLE # I.D.	06 #10	07 #11			
Total Petroleum Hydrocarbons as Diesel	10		3300	27			

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD: Modified EPA 8015

Emma P. Popek

EMMA P. POPEK, Laboratory Director

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07/18/90 lzo Page 1 of 1

WORK ORD#: C007310
CLIENT: Pat McShane
Diablo Tank & Equipment
4030 Pacheco Blvd.
Martinez, CA 94553
PROJECT#: SFB-176-0085.72
LOCATION: 1833 Peralta

SAMPLED: 07/10/90 BY: J. James
ANALYZED: 07/17/90 BY: J. Floro
MATRIX: Soil S. Moore
UNITS: mg/Kg (ppm)

TEST RESULTS

PARAMETER	MDL	SAMPLE # I.D.	01 #5	02 #6	03 #11		
Total Oil and Grease	50		160	730	1200		

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant digits.

METHOD: EPA 3550/413.1

Emma P. Popek

EMMA P. POPEK, Laboratory Director

Table 1

ANALYTICAL RESULTS

Purgeable Halocarbons in Water

EPA Method 601[a]

GTEL Sample Number		01			
Client Identification		#2			
Date Sampled		07/10/90			
Date Analyzed		07/13/90			
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Chloromethane	0.5	< 0.5			
Bromomethane	0.5	< 0.5			
Vinyl chloride	1	< 1			
Chloroethane	0.5	< 0.5			
Methylene chloride	0.5	< 0.5			
1,1-Dichloroethene	0.2	< 0.2			
1,1-Dichloroethane	0.5	< 0.5			
trans-1,2-Dichloroethene	0.5	< 0.5			
Chloroform	0.5	< 0.5			
1,2-Dichloroethane	0.5	< 0.5			
1,1,1-Trichloroethane	0.5	< 0.5			
Carbon tetrachloride	0.5	< 0.5			
Bromodichloromethane	0.5	< 0.5			
1,2-Dichloropropane	0.5	< 0.5			
cis-1,3-Dichloropropene	0.5	< 0.5			
Trichloroethene	0.5	< 0.5			
Dichlorodifluoromethane	0.5	< 0.5			
Dibromochloromethane	0.5	< 0.5			
1,1,2-Trichloroethane	0.5	< 0.5			
trans-1,3-Dichloropropene	0.5	< 0.5			
2-Chloroethylvinyl ether	1	< 1			
Bromoform	0.5	< 0.5			
Tetrachloroethene	0.5	< 0.5			
1,1,2,2-Tetrachloroethane	0.5	< 0.5			
Chlorobenzene	0.5	< 0.5			
1,2-Dichlorobenzene	0.5	< 0.5			
1,3-Dichlorobenzene	0.5	< 0.5			
1,4-Dichlorobenzene	0.5	< 0.5			
Trichlorofluoromethane	0.5	< 0.5			
Detection Limit Multiplier		1			

a. Federal Register, Vol. 49, October 26, 1984.

Table 1

ANALYTICAL RESULTS

Halogenated Volatile Organics in Soil

EPA Method 8010[a]

GTEL Sample Number		01	02	03	
Client Identification		#5	#6	#11	
Date Sampled		07/10/90	07/10/90	07/10/90	
Date Extracted		07/12/90	07/12/90	07/12/90	
Date Analyzed		07/17/90	07/17/90	07/17/90	
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Chloromethane	0.5	< 0.5	< 0.5	< 0.5	
Bromomethane	0.5	< 0.5	< 0.5	< 0.5	
Vinyl chloride	1	< 1	< 1	< 1	
Chloroethane	0.5	< 0.5	< 0.5	< 0.5	
Methylene chloride	0.5	< 0.5	< 0.5	< 0.5	
1,1-Dichloroethene	0.2	< 0.2	< 0.2	< 0.2	
1,1-Dichloroethane	0.5	< 0.5	< 0.5	< 0.5	
trans-1,2-Dichloroethene	0.5	< 0.5	< 0.5	< 0.5	
Chloroform	0.5	< 0.5	< 0.5	< 0.5	
1,2-Dichloroethane	0.5	< 0.5	< 0.5	< 0.5	
1,1,1-Trichloroethane	0.5	< 0.5	< 0.5	< 0.5	
Carbon tetrachloride	0.5	< 0.5	< 0.5	< 0.5	
Bromodichloromethane	0.5	< 0.5	< 0.5	< 0.5	
1,2-Dichloropropane	0.5	< 0.5	< 0.5	< 0.5	
cis-1,3-Dichloropropene	0.5	< 0.5	< 0.5	< 0.5	
Trichloroethene	0.5	< 0.5	< 0.5	< 0.5	
Dichlorodifluoromethane	0.5	< 0.5	< 0.5	< 0.5	
Dibromochloromethane	0.5	< 0.5	< 0.5	< 0.5	
1,1,2-Trichloroethane	0.5	< 0.5	< 0.5	< 0.5	
trans-1,3-Dichloropropene	0.5	< 0.5	< 0.5	< 0.5	
2-Chloroethylvinyl ether	1	< 1	< 1	< 1	
Bromoform	0.5	< 0.5	< 0.5	< 0.5	
Tetrachloroethene	0.5	< 0.5	< 0.5	< 0.5	
1,1,2,2-Tetrachloroethane	0.5	< 0.5	< 0.5	< 0.5	
Chlorobenzene	0.5	< 0.5	< 0.5	< 0.5	
1,2-Dichlorobenzene	0.5	< 0.5	< 0.5	< 0.5	
1,3-Dichlorobenzene	0.5	< 0.5	< 0.5	< 0.5	
1,4-Dichlorobenzene	0.5	< 0.5	< 0.5	< 0.5	
Trichlorofluoromethane	0.5	< 0.5	< 0.5	< 0.5	
Detection Limit Multiplier		1	1	1	

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Sample prepared by EPA Method 5030 (high-level solvent extraction and purge and trap).

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WORK ORD#: C007324
CLIENT: Pat McShane
Diablo Tank & Equipment
4030 Pacheco Blvd.
Martinez, CA 94553
PROJECT#: SFB-176-0085.72
LOCATION: 1833 Peralta

SAMPLED: 07/10/90 BY: J. James
ANALYZED: 07/17/90 BY: J. Floro
MATRIX: Water
UNITS: mg/L (ppm)

TEST RESULTS

PARAMETER	MDL	SAMPLE # I.D. 01 #2			
Total Oil and Grease	1	4			

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD: EPA 413.1

Emma P. Popek

EMMA P. POPEK, Laboratory Director

dte

Diablo Tank and Equipment

General Engineering
Contractors Lic. #528287

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