



GROUNDWATER TECHNOLOGY, INC.

4057 Port Chicago Highway, Concord, CA 94520 (510) 671-2387

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FAX TRANSMITTAL

DATE: 12-10-92

TIME: 2:15 pm

TO: Larry Seto

FROM: Sandra Lindsey

FAX NUMBER: 510-569-4757

NO. OF PAGES (including cover page): 7

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To fax a reply, please send to (510) 685-9148.

MESSAGE

If you have any questions please call.



Northwest Region
4060-C Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California
(510) 825-0720 (FAX)

Client Number: 02020326
Project ID: 2350 Harrison St.
Oakland, CA
Work Order Number: C2-11-053

November 11, 1992

Tim Watchers/Sandra Lindsey
Groundwater Technology, Inc.
4057 Port Chicago Hwy.
Concord, CA 94520

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 11/04/92, under chain of custody record 25094.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes.

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.

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.

A handwritten signature in cursive script that reads 'Eileen F. Bullen'.

Eileen F. Bullen
Laboratory Director

Client Number: 020203925
 Project ID: 2350 Harrison St.
 Oakland, CA
 Work Order Number: C2-11-054

Table 1
ANALYTICAL RESULTS
Hydrocarbons in Soil
Method: GC-FID^a

GTEL Sample Number		01	02		
Client Identification		SOIL PILE 1	SOIL PILE 2		
Date Sampled		11/02/92	11/02/92		
Date Extracted		11/05/92	11/05/92		
Date Analyzed		11/05/92	11/06/92		
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Gasoline	10	<10	10*		
Mineral spirits	10	<10	<10		
Kerosine	10	<10	<10		
Jet fuel	10	<10	<10		
Diesel	10	<10	<10		
Fuel oil #6	10	<10	<10		
Lubricating oil	100	3200	<100		
Quantitation Limit Multiplier		1	1		
Percent solids		84	54		

- a. "Test Methods for Evaluating Solid Waste, SW-846, 3rd edition, Rev. O, U.S. EPA, November, 1988". Results reported on a wet weight basis.
- * Hydrocarbons in the range of gasoline, possibly degraded. As requested, additional analysis is being done to confirm.



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Client Number: 020203325
Project ID: 2360 Harrison St.
Oakland, CA
Work Order Number: C2-11-054

November 9, 1992

Tim Watchers, Sandra Lindsey
Groundwater Technology, Inc.
4057 Port Chicago Hwy.
Concord, CA 94520

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 11/04/92, under chain of custody record 25994.

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Sincerely,
GTEL Environmental Laboratories, Inc.

A handwritten signature in cursive script that reads 'Eileen F. Bullen'.

Eileen F. Bullen
Laboratory Director

Client Number: 020203325
 Project ID: 2350 Harrison St.
 Oakland, CA
 Work Order Number: C2-11-063

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		
Client Identification		SOIL PILE 1	SOIL PILE 2		
Date Sampled		11/02/92	11/02/92		
Date Extracted		11/04/92	11/04/92		
Date Analyzed		11/05/92	11/05/92		
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg <i>caution</i>			
Benzene	0.005	<0.005	0.24		
Toluene	0.005	<0.005	0.31		
Ethylbenzene	0.005	<0.005	0.22		
Xylene, total	0.015	<0.015	2		
BTEX, total	-	-	3		
Gasoline	1	<1	89*		
Detection Limit Multiplier		1	1		
Percent solids		84	54		

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1988. Modification for TPH as gasoline as per California State Water Resources Control Board LUFT Manual protocols, May 1988 revision. Results reported on a wet weight basis.
- * Hydrocarbon pattern found is not characteristic of fresh gasoline possibly weathered gasoline.



Client Number: 020203328
Project ID: 2350 Harrison St., Oakland
Work Order Number: C2-11-055

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November 6, 1992

Tim Watchers/Sandra Lindsey
Groundwater Technology, Inc.
4057 Port Chicago Hwy.
Concord, CA 94520

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 11/04/92, under chain of custody record 25994.

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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.

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.

Eileen F. Bullen nfb

Eileen F. Bullen
Laboratory Director

Client Number: 020203325
 Project ID: 2350 Harrison St., Oakland
 Work Order Number: C2-11-055

Table 1

ANALYTICAL RESULTS

**Total Oil and Grease in Soil
 by Infrared Spectrometry**

EPA 3550¹ (Mod.)/EPA 413.2²(SM 5520 C³)

GTEL Sample Number		01*	02*		
Client Identification		SOIL PILE 1	SOIL PILE 2		
Date Sampled		11/02/92	11/02/92		
Date Prepared		11/05/92	11/05/92		
Date Analyzed		11/05/92	11/05/92		
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Total oil and grease	5	34	35		
Quantitation Limit Multiplier		1	1		

1. Test Methods for Evaluating Solid Waste, SW-846.
 2. Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020, Revised March 1983, U.S. Environmental Protection Agency.
 3. Standard Methods for the Examination of Water and Wastewater, 17th ed., 1988, American Public Health Association.
- * Although attempts were made to homogenize the samples, the analyst experienced inconsistencies in the results due to lumps of clay present non-uniformly in the samples.