



Client Number: RMT01RMT01
Consultant Project Number: 12013.07
Project ID: Aratex Services
Oakland, CA
Work Order Number: C3-08-0013

Northwest Region
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August 16, 1993

Jim Van Nortwick
RMT, Inc.
3250 Ocean Park Blvd., Suite 370
Santa Monica, CA 90405

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 08/02/83, under chain of custody record 28220.

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, Laboratory certification number E1075, 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 black ink, appearing to read 'Eileen F. Bullen', written over a horizontal line.

A handwritten signature in black ink, appearing to read 'Eileen F. Bullen', written over a horizontal line.

Eileen F. Bullen
Laboratory Director

GTEL Concord, CA
C3080013 DSL

Client Number: RMT01RMT01
 Consultant Project Number: 12036.01
 Project ID: Aratex Services
 330 Chestnut St., Oakland
 Work Order Number: C3-07-0519

Table 1 (Continued)
ANALYTICAL RESULTS
Volatile Organics in Soil

EPA Method 8020^a

fuel meter

GTEL Sample Number		05	F081193		
Client Identification		SO-11	METHOD BLANK		
Date Sampled		07/30/93	--		
Date Extracted		08/12/93	--		
Date Analyzed		08/12/93	08/11/93		
Analyte	Detection Limit, mg/kg	Concentration, mg/kg			
Benzene	0.005	0.010	<0.005		
Toluene	0.005	0.009	<0.005		
Ethylbenzene	0.005	<0.005	<0.005		
Xylene, total	0.015	0.015	<0.015		
BTEX, total	--	0.034	--		
Detection Limit Multiplier		1	1		
Percent Solids		91.3	NA		
BFB surrogate, % recovery		58.1	105		

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Bromofluorobenzene surrogate recovery acceptability limits are 31-127% NA = Not Applicable.

Client Number: RMT01RMT01
 Consultant Project Number: 12036.01
 Project ID: Aratex Services
 330 Chestnut St., Oakland
 Work Order Number: C3-07-0519

Table 1
ANALYTICAL RESULTS
Volatile Organics in Soil

EPA Method 8020^a

~~soil~~ fuel pits →

GTEL Sample Number		01	02*	03*	04
Client Identification		SO-07	SO-08A	SO-09	SO-10
Date Sampled		07/30/93	07/30/93	07/30/93	07/30/93
Date Extracted		08/11/93	08/11/93	08/11/93	08/12/93
Date Analyzed		08/13/93	08/13/93	08/13/93	08/12/93
Analyte	Detection Limit, mg/kg	Concentration, mg/kg			
Benzene	0.005	0.015	<0.05	<0.010	<0.005
Toluene	0.005	0.021	<0.05	<0.010	0.011
Ethylbenzene	0.005	<0.005	<0.05	<0.010	<0.005
Xylene, total	0.015	<0.015	<0.15	0.059	<0.015
BTEX, total	—	0.035	—	0.059	—
Detection Limit Multiplier		1	10	2	1
Percent Solids		91.4	90.8	91.7	92.7
BFB surrogate, % recovery		110	99.5	93.4**	78.0

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Bromofluorobenzene surrogate recovery acceptability limits are 31-127%

* Detection limit raised due to high levels of hydrocarbons

** TFT reported due to target compound interference at the BFB peak.

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Table 1

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons as Diesel Fuel in Soil

Modified EPA Methods 3550/8015a

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Results reported on a wet weight basis. *diesel fuel pits*

GTEL Sample Number		01*	02*	03	04
Client Identification		SO-07	SO-08A	SO-09	SO-10
Date Sampled		07/30/93	07/30/93	07/30/93	07/30/93
Date Extracted		08/05/93	08/05/93	08/05/93	08/05/93
Date Analyzed		08/11/93	08/12/93	08/11/93	08/11/93
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel fuel	10	300	900	82	<10
Detection Limit Multiplier		20	100	1	1
Percent solids		91.4	90+	91.7	92.7
OTP surrogate, % recovery		137	109	102	102

fuel meter box

GTEL Sample Number		05*	081093 GC-K		
Client Identification		SO-11	METHOD BLANK		
Date Sampled		07/30/93	-		
Date Extracted		08/05/93	08/05/93		
Date Analyzed		08/12/93	08/10/93		
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel fuel	10	200	<10		
Detection Limit Multiplier		20	1		
Percent solids		91.3	NA		
OTP surrogate, % recovery		85.8	112		

* Detection limit raised due to the high concentration of target compounds.
 + Other hydrocarbons also present.