



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

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(800) 423-7143 Outside CA
(510) 825-0720 FAX

Client Number: RMT01RMT01
Consultant Project Number: 12036.01
Project ID: Aratex Services
330 Chestnut
Oakland, CA
Work Order Number: C3-07-0507

August 3, 1993

*map oil
UST*

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 07/30/93, under chain of custody records 28299, 28300 and 28301.

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.

Eileen F. Bullen
Laboratory Director

Client Number: RMT01RMT01
 Consultant Project Number: 12036.01
 Project ID: Aratex Services
 330 Chestnut
 Oakland, CA
 Work Order Number: C3-07-0507

Table 1

ANALYTICAL RESULTS

**Total Petroleum Hydrocarbons in Soil
 by Infrared Spectrometry¹**

EPA 3550 (Mod.)/EPA 418.1 (SM 5520 FC)²

map oil UST

GTEL Sample Number	01	02	080293 TPH	
Client Identification	SO-01	SO-02	METHOD BLANK	
Date Sampled	07/29/93	07/29/93	--	
Date Prepared	08/02/93	08/02/93	08/02/93	
Date Analyzed	08/03/93	08/03/93	08/03/93	
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
Total Petroleum Hydrocarbons	5	<5	<5	<5
Detection Limit Multiplier		1	1	1
Percent solids		84.3	85.5	NA

1. The sample is sonication extracted using a modification of EPA 3550. The extract is analyzed, as in EPA 418.1 (SM 5520 CF), to yield results reported as Total Petroleum Hydrocarbons. Results are reported on a wet weight basis.
2. Standard Methods for the Examination of Water and Wastewater, 17th ed., American Public Health Association, 1989.

NA = Not Applicable

Note: Samples were received at 12° C.

Client Number: RMT01RMT01
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 330 Chestnut
 Oakland, CA
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Table 1
ANALYTICAL RESULTS
 Hydrocarbons in Soil
 Method: GC-FID^a

*map oil
 UST*

GTEL Sample Number		01	02	080393 GC-K	
Client Identification		SO-01	SO-02	METHOD BLANK	
Date Sampled		07/28/93	07/29/93	--	
Date Extracted		08/02/93	08/02/93	08/02/93	
Date Analyzed		08/03/93	08/03/93	08/03/93	
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as gasoline	10	<10	<10	<10	
TPH as mineral spirits	10	<10	<10	<10	
TPH as kerosene	10	<10	<10	<10	
TPH as diesel fuel	10	<10	<10	<10	
TPH as motor oil	100	<100	<100	<100	
Detection Limit Multiplier		1	1	1	
Percent solids		84.3	88.5	NA	
O-Terphenyl surrogate, % recovery		102	104	122	

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, USEPA, November, 1986. Results reported on a wet weight basis. O-Terphenyl surrogate acceptability limits are 50-150%.

NA = Not Applicable

Note: Samples were received at 12° C.

Company Name: RMT Inc Phone #: 310-452-5078
 Company Address: SANTA MONICA, CA Site location: ARATEX SERVICES
330 CHESTNUT, OAKLAND, CA
 Project Manager: Jim Van Nortwick Client Project ID: (#) 12036.01
 (NAME) ARATEX-OAKLAND UST
 I attest that the proper field sampling procedures were used during the collection of these samples.
 Sampler Name (Print): BRYAN GRIGSBY

QUEST	OTHER
BTEX6020 <input checked="" type="checkbox"/> with MTBE <input checked="" type="checkbox"/>	
BTEX/Gas Hydrocarbons PID/FID <input checked="" type="checkbox"/> with MTBE <input checked="" type="checkbox"/>	
Hydrocarbons GC/FID Gas <input type="checkbox"/> Diesel <input checked="" type="checkbox"/> Screen <input checked="" type="checkbox"/>	
Hydrocarbon Screen <input checked="" type="checkbox"/>	
Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/> SM 503 <input type="checkbox"/>	
TPH/IR 418.1 <input checked="" type="checkbox"/> SM 503 <input type="checkbox"/>	
EDB by 504 <input type="checkbox"/> DBCP by 504 <input type="checkbox"/>	
EPA 503.1 <input type="checkbox"/> EPA 502.2 <input type="checkbox"/>	
EPA 601 <input type="checkbox"/> EPA 8010 <input type="checkbox"/>	
EPA 602 <input type="checkbox"/> EPA 8020 <input type="checkbox"/>	
EPA 608 <input type="checkbox"/> 8080 <input type="checkbox"/> PCB only <input type="checkbox"/>	
EPA 624/PPL <input type="checkbox"/> 8240/TAL <input type="checkbox"/> NBS (+15) <input type="checkbox"/>	
EPA 625/PPL <input type="checkbox"/> 8270/TAL <input type="checkbox"/> NBS (+25) <input type="checkbox"/>	
EPA 610 <input type="checkbox"/> 8310 <input type="checkbox"/>	
EP TOX Metals <input type="checkbox"/> Pesticides <input type="checkbox"/> Herbicides <input type="checkbox"/>	
TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-VOA <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>	
EPA Metals - Priority Pollutant <input type="checkbox"/> TAL <input type="checkbox"/> RCRA <input type="checkbox"/>	
CAM Metals TTLC <input type="checkbox"/> STLC <input type="checkbox"/>	
Lead 339.2 <input type="checkbox"/> 200.7 <input type="checkbox"/> 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> 6010 <input type="checkbox"/>	
Organic Lead <input type="checkbox"/>	
Commissory <input type="checkbox"/> Flash Point <input type="checkbox"/> Reactivity <input type="checkbox"/>	

Field Sample ID	GTEL Lab # (Lab use only)	# Containers	Matrix					Method Preserved					Sampling		
			WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	HCl	HNO ₃	H ₂ SO ₄	ICE	UNPRESERVED	OTHER (SPECIFY)	DATE
50-01	01 507	4	X									X		7/29/93	2:05
50-02	02 507	4	X									X		7/29	2:20
50-03	03 01	4	X									X		7/29	2:45
50-04	04 02	4	X									X		7/29	3:00
50-05	05	3	X									X		7/29	3:10
50-06	06	3	X									X		7/29	3:20

TAT: Priority (24 hr) Expedited (48 hr) 7 Business Days Other See Above Business Days

Special Handling: GTEL Contact _____ Quote/Contract # _____ Confirmation # _____ PO # _____

QA / QC LEVEL: BLUE CLP OTHER _____

SPECIAL DETECTION LIMITS: SEAL INTACT, ON ICE AS 12C 7/30/13 (BFC)

SPECIAL REPORTING REQUIREMENTS: P 1 of 3

FAX

REMARKS: Call Tom Davis - RMT for appropriate lead analysis method. All 10-day TAT except 50-01 & 50-02

Lab Use Only Lot # C3070507-48 HR Storage Location: M-2

Work Order # C3070508-10 DAY

CUSTODY RECORD

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>7/30/93</u> Time: <u>12:50 PM</u>	Received by: <u>John Weber</u> <u>GTEL</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7/30/93</u> Time: <u>14:30</u>	Received by:
Relinquished by:	Date: <u>7/30/93</u> Time: <u>14:30</u>	Received by Laboratory: <u>[Signature]</u>

Company Name: RMT, Inc Phone #: 310-460-452-5078
 Company Address: SANTA MONICA, CA FAX #: _____
 Project Manager: JIM VAN NORTWICK Site location: ARATEX SERVICES
 Client Project ID: (#) 12036.01 (NAME) ARATEX-OAKLAND UST
 I attest that the proper field sampling procedures were used during the collection of these samples. Sampler Name (Print): BRYAN GRUBSBY

<input type="checkbox"/>	BTEX/602	<input type="checkbox"/>	8020	<input type="checkbox"/>	with MTBE	<input type="checkbox"/>
<input type="checkbox"/>	BTEX/Gas Hydrocarbons PID/FID	<input type="checkbox"/>	with MTBE	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	Hydrocarbons GC/FID Gas	<input type="checkbox"/>	Diesel	<input type="checkbox"/>	Screen	<input type="checkbox"/>
<input type="checkbox"/>	Hydrocarbon Profile (SIMDIS)	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	Oil and Grease 413.1	<input type="checkbox"/>	413.2	<input type="checkbox"/>	SM 503	<input type="checkbox"/>
<input type="checkbox"/>	TPH/IR 418.1	<input type="checkbox"/>	SM 503	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	EDB by 504	<input type="checkbox"/>	DBCP by 504	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	EPA 503.1	<input type="checkbox"/>	EPA 502.2	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	EPA 601	<input type="checkbox"/>	EPA 8010	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	EPA 602	<input type="checkbox"/>	EPA 8020	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	EPA 608	<input type="checkbox"/>	8080	<input type="checkbox"/>	PCB only	<input type="checkbox"/>
<input type="checkbox"/>	EPA 624/PPL	<input type="checkbox"/>	8240/TAL	<input type="checkbox"/>	NBS (+15)	<input type="checkbox"/>
<input type="checkbox"/>	EPA 625/PPL	<input type="checkbox"/>	8270/TAL	<input type="checkbox"/>	NBS (+25)	<input type="checkbox"/>
<input type="checkbox"/>	EPA 610	<input type="checkbox"/>	8310	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	EP TOX Metals	<input type="checkbox"/>	Pesticides	<input type="checkbox"/>	Herbicides	<input type="checkbox"/>
<input type="checkbox"/>	TCLP Metals	<input type="checkbox"/>	VOA	<input type="checkbox"/>	Semi-VOA	<input type="checkbox"/>
<input type="checkbox"/>	EPA Metals - Priority Pollutant	<input type="checkbox"/>	TAL	<input type="checkbox"/>	RCRA	<input type="checkbox"/>
<input type="checkbox"/>	CAM Metals TTLC	<input type="checkbox"/>	STLC	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	Lead 239.2	<input type="checkbox"/>	200.7	<input type="checkbox"/>	7420	<input type="checkbox"/>
<input type="checkbox"/>	7421	<input type="checkbox"/>	6010	<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	Organic Lead	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
<input checked="" type="checkbox"/>	Corrosivity	<input checked="" type="checkbox"/>	Flash Point	<input checked="" type="checkbox"/>	Reactivity	<input checked="" type="checkbox"/>

Field Sample ID	GTEL Lab # (Lab use only)	# Containers	Matrix						Method Preserved					Sampling		
			WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	HCl	HNO ₃	H ₂ SO ₄	ICE	UNPRESERVED	OTHER (SPECIFY)	DATE	TIME
SO-ST6	19	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>		7/30/93	8:45
SO-ST7	11	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>		7/30	8:55

TAT
 Priority (24 Hr)
 Expedited (48 Hr)
 7 Business Days
 Other Business Days
 H HOLO UNTIL
 E FOR INSTRUCTIONS

Special Handling _____
 SPECIAL DETECTION LIMITS
QUICK AS 12°C 7/30/93
(RSC)
 SPECIAL REPORTING REQUIREMENTS _____
 FAX

REMARKS
DO NOT ANALYZE. HOLO UNTIL FURTHER INSTRUCTIONS FROM RMT
 Lab Use Only Lot # _____ Storage Location: M-2
 Work Order # C3070508

BLUE CLP OTHER _____
CUSTODY RECORD

Relinquished by Sampler: [Signature]
 Relinquished by: [Signature]
 Relinquished by: _____

Date Time
7/30/93 12:55
7/30/93 1430
7/30/93 1430

Received by: [Signature]
 Received by: _____
 Received by Laboratory: [Signature]
 Waybill # _____