



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Northwest Region

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Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
FAX (510) 825-0720

Client Number: RMT01RMT01
Consultant Project Number: 12036.01
Project ID: Aratex Services
330 Chestnut
Oakland, CA
Work Order Number: C3-07-0508

August 13, 1993

Jim Van Nortwick
RMT Inc.
3250 Ocean Park Blvd
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 record 28299 and 28300.

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: C3-07-0508

Table 1
ANALYTICAL RESULTS
Lead in Soil
EPA Method 6010a

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Sample preparation by EPA Method 3050.

8/08 - UST

GTEL Sample Number		03	04	05	06
Client Identification		SO-05	SO-06	SO-ST1	SO-ST2
Date Sampled		07/29/93	07/29/93	07/29/93	07/29/93
Date Prepared		08/06/93	08/06/93	08/06/93	08/06/93
Date Analyzed		08/09/93	08/09/93	08/09/93	08/09/93
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	<5	<5	21	18
Detection Limit Multiplier		1	1	1	1
Percent solids		84.6	84.3	92.4	92.7

8/08 - UST

GTEL Sample Number		07	08	09	080693MET
Client Identification		SO-ST3	SO-ST4	SO-ST5	METHOD BLANK
Date Sampled		07/29/93	07/29/93	07/29/93	--
Date Prepared		08/06/93	08/06/93	08/06/93	08/06/93
Date Analyzed		08/09/93	08/09/93	08/09/93	08/09/93
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	9	26	44	<5
Detection Limit Multiplier		1	1	1	1
Percent solids		95.3	90.3	92.7	NA

NA = Not Applicable
 Note: Samples were received at 12^o C

Client Number: RMT01RMT01
 Consultant Project Number: 12036.01
 Project ID: Aratex Services
 330 Chestnut
 Oakland, CA
 Work Order Number: C3-07-0508

Table 1

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons as Diesel Fuel in Soil

Modified EPA Methods 3550/8015^a

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

GTEL Sample Number	01	02	03	04
Client Identification	SO-03	SO-04	SO-ST1	SO-ST2
Date Sampled	07/29/93	07/29/93	07/29/93	07/29/93
Date Extracted	08/05/93	08/05/93	08/05/93	08/05/93
Date Analyzed	08/10/93	08/10/93	08/10/93	08/10/93
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
TPH as diesel fuel	10	<10	<10	36
Detection Limit Multiplier		1	1	1
Percent solids		85.3	84.7	92.4
OTP surrogate, % recovery		96.5	105	130

GTEL Sample Number	07	08	09	081093 GCK
Client Identification	SO-ST3	SO-ST4	SO-ST5	METHOD BLANK
Date Sampled	07/29/93	07/29/93	07/29/93	--
Date Extracted	08/05/93	08/05/93	08/05/93	08/05/93
Date Analyzed	08/10/93	08/11/93	08/11/93	08/10/93
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
TPH as diesel fuel	10	<10	<10	<10
Detection Limit Multiplier		1	1	1
Percent solids		95.3	90.3	92.7
OTP surrogate, % recovery		102	108	76.1

NA = Not Applicable
 Note: Samples were received at 12^o C

Client Number: RMT01RMT01
 Consultant Project Number: 12036.01
 Project ID: Aratex Services
 330 Chestnut
 Oakland, CA
 Work Order Number: C3-07-0508

Table 1
ANALYTICAL RESULTS
Volatile Organics in Soil
 EPA Methods 8020 and Modified 8015a

gas UST

GTEL Sample Number		01	02	03	04
Client Identification		SO-03	SO-04	SO-05	SO-06
Date Sampled		07/29/93	07/29/93	07/29/93	07/29/93
Date Extracted		08/09/93	08/09/93	08/09/93	08/09/93
Date Analyzed		08/12/93	08/12/93	08/12/93	08/12/93
Analyte	Detection Limit, mg/kg	Concentration, mg/kg			
Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	0.005	<0.005	<0.005	<0.005	<0.005
Xylene, total	0.015	<0.015	<0.015	<0.015	<0.015
BTEX, total	--	--	--	--	--
TPH as Gasoline	1	NR	NR	<1	<1
Detection Limit Multiplier		1	1	1	1
Percent solids		85.3	84.7	84.6	84.3
BFB surrogate, % recovery		78.6	79.7	79.3	75.9

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 Board LUFT Manual procedures. Bromofluorobenzene surrogate recovery acceptability limits are 60-140%

NR = Not Requested

Note: Samples were received at 12° C.

Client Number: RMT01RMT01
 Consultant Project Number: 12036.01
 Project ID: Aratex Services
 330 Chestnut
 Oakland, CA
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Table 1 (continued)
ANALYTICAL RESULTS
Volatile Organics in Soil
EPA Methods 8020 and Modified 8015^a

GTEL Sample Number		05	06	07	08
Client Identification		SO-ST1	SO-ST2	SO-ST3	SO-ST4
Date Sampled		07/29/93	07/29/93	07/29/93	07/29/93
Date Extracted		08/09/93	08/09/93	08/09/93	08/09/93
Date Analyzed		08/12/93	08/12/93	08/12/93	08/12/93
Analyte	Detection Limit, mg/kg	Concentration, mg/kg			
Benzene	0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	0.005	<0.005	<0.005	<0.005	<0.005
Xylene, total	0.015	<0.015	<0.015	<0.015	<0.015
BTEX, total	--	--	--	--	
TPH as Gasoline	1	<1	<1	<1	<1
Detection Limit Multiplier		1	1	1	1
Percent solids		92.4	92.7	95.3	90.3
BFB surrogate, % recovery		85.5	86.9	82.8	66.7

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 Board LUFT Manual procedures. Bromofluorobenzene surrogate recovery acceptability limits are 60-140%.

Note: Samples were received at 12^o C.

Client Number: RMT01RMT01
 Consultant Project Number: 12036.01
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 330 Chestnut
 Oakland, CA
 Work Order Number: C3-07-0508

Table 1 (continued)
ANALYTICAL RESULTS
Volatile Organics in Soil

EPA Methods 8020 and Modified 8015^a

GTEL Sample Number		09 #	Q080993		
Client Identification		SO-513	METHOD BLANK		
Date Sampled		07/29/93	--		
Date Extracted		08/09/93	08/09/93		
Date Analyzed		08/12/93	08/09/93		
Analyte	Detection Limit, mg/kg	Concentration, mg/kg			
Benzene	0.005	<0.005	<0.005		
Toluene	0.005	<0.005	<0.005		
Ethylbenzene	0.005	<0.005	<0.005		
Xylene, total	0.015	<0.015	<0.015		
BTEX, total	--	--	--		
TPH as Gasoline	1	<1	<1		
Detection Limit Multiplier		1	1		
Percent solids		92.7	NA		
BFB surrogate, % recovery		57.6	90.5		

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 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 Board LUFT Manual procedures. Bromofluorobenzene surrogate recovery acceptability limits are 60-140%.

NA = Not Applicable.

Note: Samples were received at 12^o C.

Company Name: RMT Inc Phone #: 310-452-5078
 Company Address: SANTA MONICA, CA Site location: ARATEX SERVICES
 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

REQUEST		OTHER
<input type="checkbox"/> BTEX/602/8020	<input type="checkbox"/> with MTBE	
<input type="checkbox"/> BTEX/Gas Hydrocarbons PID/FID	<input checked="" type="checkbox"/> with MTBE	
<input type="checkbox"/> Hydrocarbons GC/FID Gas	<input type="checkbox"/> Diesel	<input type="checkbox"/> Screen
<input type="checkbox"/> Hydrocarbon	<input checked="" type="checkbox"/> Screen	
<input 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"/> EPA Metals - Priority Pollutant	<input type="checkbox"/> TAL	<input type="checkbox"/> RCRA
<input type="checkbox"/> CAM Metals	<input type="checkbox"/> TTLC	<input type="checkbox"/> STLC
<input type="checkbox"/> Lead	<input type="checkbox"/> 39.2	<input type="checkbox"/> 200.7
<input type="checkbox"/> Organic Lead	<input type="checkbox"/> 7420	<input type="checkbox"/> 7421
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Flash Point	<input type="checkbox"/> Reactivity

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-φ1	01 507	4	X									X		7/29/93	2:05
50-φ2	02 507	4	X									X		7/29	2:20
50-φ3	03 01	4	X									X		7/29	2:45
50-φ4	04 02	4	X									X		7/29	3:00
50-φ5	05 83	3	X									X		7/29	3:10
50-φ6	06 84	3	X									X		7/29	3:20

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

Special Handling: _____

QA / QC LEVEL: _____

BLUE CLP OTHER _____

SPECIAL DETECTION LIMITS
SEAL INTACT, ON ICE
AS IJC 7/30/93 (BE)

SPECIAL REPORTING REQUIREMENTS
FAX

REMARKS
Call Tom Davis - RMT for appropriate lead analysis method.
All 10-day TAT except 50-φ1 & 50-φ2

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> GTEL
Relinquished by: <u>John Weber</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> Workbill #



4080 PIKE LANE, SUITE C
 CONCORD, CA 94520
 (510) 685-7852
 (800) 423-7143

CHAIN-OF-CUSTODY RECORD
 AND ANALYSIS REQUEST

28300

Company Name: RMT, Inc Phone #: 710-452-5078
 Company Address: SANTA MONICA, CA Site location: ARATEX SERVICES
 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

ANALYSIS REQUEST		OTHER	
<input type="checkbox"/>	BTEX/602 <input type="checkbox"/> 8020 <input type="checkbox"/> with MTBE <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	BTEX/Gas Hydrocarbons PID/FID with MTBE <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Hydrocarbons GC/FID Gas <input type="checkbox"/> Diesel <input checked="" type="checkbox"/> Screen <input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>
<input type="checkbox"/>	TPH/IR 418.1 <input type="checkbox"/> SM 503 <input type="checkbox"/>	<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"/>
<input type="checkbox"/>	EPA 503.1 <input type="checkbox"/> EPA 502.2 <input type="checkbox"/>	<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"/>
<input type="checkbox"/>	EPA 602 <input type="checkbox"/> EPA 8020 <input type="checkbox"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>
<input type="checkbox"/>	EPA 610 <input type="checkbox"/> 8310 <input type="checkbox"/>	<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"/>	<input type="checkbox"/>
<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"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	EPA Metals - Priority Pollutant <input type="checkbox"/> TAL <input type="checkbox"/> RCRA <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	CAM Metals TLC <input type="checkbox"/> STLC <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Lead 89.2 <input type="checkbox"/> 200.7 <input type="checkbox"/> 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> 8010 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Organic Lead <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Commissory <input type="checkbox"/> Flash Point <input type="checkbox"/> Reactivity <input type="checkbox"/>	<input type="checkbox"/>	<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-ST 1	05	4	X									X		7/29/93	6:15
50-ST 2	05	4	Y									X		7/29	6:30
50-ST 3	05	4	X									X		↓	6:40
50-ST 4	05	4	X									X		↓	6:50
50-ST 5	05	4	X									X		↓	7:05

TAT: Priority (24 hr) Expedited (48 hr) 7 Business Days Other 10 Day Business Days

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

QA / QC LEVEL: BLUE CLP OTHER _____

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS

FAX # _____

REMARKS: Call Tom Davis - RMT for appropriate lead analysis method

Lab Use Only Lot # _____ Storage Location: M-2

Work Order: C3070508 (REC)

CUSTODY RECORD

Relinquished by Sampler: <u>[Signature]</u>	Date: <u>7/30/93</u> Time: <u>12:55</u>	Received by: <u>[Signature]</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>

Waybill # _____

Company Name: RMT, Inc Phone #: 310-450-452-5078
 Company Address: SANTA MONICA, CA FAX #: _____
 Project Manager: Jim Van Nortwick Site location: ARATEX SERVICES
330 CHESTNUT ST, OAKLAND, CA
 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 GRUBBY

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
<u>SO-ST6</u>	<u>19</u>	<u>1</u>	<u>X</u>									<u>X</u>		<u>7/30/93</u>	<u>8:45</u>
<u>SO-ST7</u>	<u>19</u>	<u>1</u>	<u>X</u>									<u>X</u>		<u>7/30</u>	<u>8:55</u>

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

TAT
 Priority (24 hr)
 Expedited (48 hr)
 7 Business Days
 Other
 Business Days
 Special Handling _____
 GTEL Contact _____
 Quote/Contract # _____
 Confirmation # _____
 PO # _____
 QA / QC LEVEL _____
 BLUE CLP OTHER _____
 FAX

SPECIAL DETECTION LIMITS
QUICK AS 12°C 7/30/93
1350
 SPECIAL REPORTING REQUIREMENTS _____

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

CUSTODY RECORD

Relinquished by Sampler: <u>[Signature]</u>	Date <u>7/30/93</u>	Time <u>12:55</u>	Received by: <u>Don Weber</u>
Relinquished by <u>[Signature]</u>	Date <u>7/30/93</u>	Time <u>1430</u>	Received by:
Relinquished by:	Date <u>7/30/93</u>	Time <u>1430</u>	Received by Laboratory: <u>[Signature]</u> Waybill # _____