

° 73/3

Groundwater Technology, Inc.

4057 Port Chicago Highway, Concord, CA 94520 USA Tel: (510) 671-2387 Fax: (510) 685-9148

May 9, 1995

Mr. G. Keith West General Motors Corporation Argonaut "A" - 1004H 485 W. Milwaukee Avenue Detroit, Michigan 48202

SUBJECT:

GMC TRUCK CENTER

8099 South Coliseum Way, Oakland, California

Dear Mr. West:

Groundwater Technology has prepared this brief letter report summarizing the activities performed and data gathered during the subsurface investigation at the General Motor Corporation (GMC) trucking facility at 8099 South Coliseum Way in Oakland, California. Field activities were conducted on March 23 and 24, 1995 and included drilling 17 soil cores with collection and laboratory analysis of soil and groundwater samples.

As described in Groundwater Technology's Work Plan for Future Site Assessment GM Truck Center, 8099 S. Coliseum Way, Oakland, California dated January 26, 1995 the purpose of the work completed was to collect data to assist in determining the horizontal and vertical impact of fugitive hydrocarbons as the site. The areas investigated included the underground storage tanks (USTs) formerly located on the south side of the main building, the oil water separator on the east side of the main building and the garbage collection area at the far northeast corner of the property.

Previous work conducted at the site by Clayton Environmental Consultants during 1993 included a subsurface investigation of the following areas: (1) near the property boundary of the former CalTrans facility. (2) near the former site USTs, (3) near the garbage collection area.

SUMMARY OF WORK COMPLETED BY GROUNDWATER TECHNOLOGY

Drilling and Soil and Groundwater Sampling Methods

Seventeen soil cores (SB1 through SB17; Figure 1) were completed on March 23 and 24, 1995 using a Geoprobe 5400 hydraulically-driven rig equipped with 2-inch outer diameter dual rod probes. Prior to coring each hole, all tools were steam cleaned to avoid cross contamination. Coring was supervised by Groundwater Technology field geologist who described the soil types encountered according to the Unified Soil Classification System. The core holes were completed to depths ranging from 8- to 16 feet below grade. Soil conditions and lithology will be described in the final report, which will be presented at a later date.

During coring, soil samples were collected at approximately 5- and 10-foot intervals with a 7/8-inch inner rod equipped with acetate liners. The soil samples collected and retained for chemical analyses were transferred to brass liners immediately after collection. These liners were sealed using aluminum foil, capped with plastic end caps and secured with tape. The soil samples were screened in the field for hydrocarbons vapors using a photo-ionization detector (PID). One soil sample from each boring was submitted to a California state certified laboratory for chemical analyses. Samples were selected based on the results of

he field screening. After the samples were sealed and labeled, the samples were placed on ice in a cooler for transport to the California-certified approved laboratory under chain of custody protocol.

Groundwater samples were collected from each boring through temporarily installed slotted PVC casing. A clean stainless steel bailer was used to retrieve the groundwater samples. Following completion of sampling, the cores were backfilled with neat cement and finished with asphalt or concrete to the existing grade.

Soil and Groundwater Sample Analysis

One groundwater and one soil sample per boring was tested for total petroleum hydrocarbons (TPH) as gasoline with additional analysis for benzene, toluene, ethylbenzene, and xylenes (BTEX) (EPA Test Method 5030/8015/8020) and hydrocarbon screen by GC/FID for compounds in ranges for diesel fuel through motor oil. Chemical analysis of soil and groundwater samples was performed by a California certified analytical laboratory.

RESULTS OF SUBSURFACE INVESTIGATION

Soil analytical results are summarized in Table 1; groundwater result are summarized in Table 2. TPH as diesel and motor oil groundwater concentration maps are attached (Figures 2 and 3, respectively). Please note that the concentration maps were developed using groundwater data generated by Clayton in 1993 and current data gathered by Groundwater Technology in 1995. These maps are preliminary concentration maps were prepared to illustrate all groundwater data collected at the site to date.

Soil Sample Results

The analytical results of the soil sample collected from soil boring SB-3 located near the oil/water separator reported concentrations of benzene at 5.4 parts per million (ppm), xylenes at 87 ppm, TPH as gasoline at 3,500 ppm and TPH as kerosene at 1,800 ppm. In addition, the condition of the soil observed at the groundwater interface in soil boring SB-3 was saturated with petroleum product. The remaining soil samples analyzed from this investigation did not exhibit constituents above the laboratory method detection limit. The analytical results are summarized in Table 1.

Groundwater Sample Results

The groundwater samples collected from near the former waste oil tank (SB-4, SB-5, SB-6) and downgradient of the former waste oil tank (SB-14 and SB-15) reported dissolved concentrations of diesel ranging from less than the detection limit to 500 parts per billion (ppb) and dissolved concentrations of motor oil ranged from less than the detection limit to 2,100 ppb.

The groundwater samples collected adjacent to the former gasoline and diesel USTs (SB-7, SB-8, SB-9 and SB-10) and down-gradient of the gasoline and diesel tank (SB-16 and SB-17) reported dissolved concentrations of diesel from less than the detection limit to 2,300 ppb and concentrations of motor oil from 480 ppb to 7,600 ppb.



Free phase hydrocarbons were detected in soil boring SB-3 (characterized by the laboratory as TPH as mineral spirits) and 4,000 ppb as motor oil was detected in soil boring SB-2. Both of these borings are located near the oil/water separator north of the main building. TPH as diesel was detected in soil boring SB-1 at 260 ppb, located approximately 350 feet west of the CalTrans property line. Groundwater collected from soil boring SB-11, located at the western portion of the site near the garbage collection area, reported concentrations of motor oil at 2,000 ppb.

SUMMARY OF WORK CONDUCTED BY CLAYTON ENVIRONMENTAL CONSULTANTS

Clayton Environmental Consultants (Clayton) conducted work at the site during the period of July through September 1993. Subsurface work consisted of drilling soil borings with subsequent collection of soil and groundwater samples near the property boundary of GMC and CalTrans, the area of the former site USTs, and near the garbage collection area.

Results of their investigation (Phase I, Level II Environmental Site Assessment at GMC Truck, dated August 9, 1993) reported that soil and groundwater near the property boundary with CalTrans had been impacted with hydrocarbons possibly from leaking USTs located formerly on the CalTrans property. In addition, the soil near the garbage collection area had reportedly been impacted by hydrocarbons up to 0.5 ppm TPH as gasoline, 700 ppm TPH as diesel, and 820 ppm as oil and grease.

Review of laboratory data presented by Clayton for soil and groundwater samples collected near the former waste oil, gasoline and diesel USTs indicate that TPH as diesel and oil and grease remain in the soil and groundwater. Analyses of samples collected during this investigation reported to 5,400 ppm TPH as diesel remained in soil near the diesel tank with 110,000 ppb detected in groundwater. In addition, up to 3,900 ppm oil and grease was reported in the soil near the former waste oil tank with 18,000 ppb oil and grease and 10,000 ppb TPH as diesel reported in groundwater samples collected.

FINDINGS

Based on the results of Clayton's 1993 investigation, and Groundwater Technology's 1995 investigation petroleum hydrocarbons remain in the soil and groundwater beneath the site. The recently completed investigation suggest that dissolved concentrations of motor oil in groundwater have migrated off-site in the southwest direction (toward I-880).

Based on the data presented above, it is our opinion that additional work should be performed to further define the extent of constituents present beneath the site. Work proposed to be conducted includes the coring of nine additional soil borings; using the geoprobe method at the locations shown on Figure 3. The purpose of coring at additional locations, with the collection and analysis of soil and groundwater samples, is to evaluate the subsurface conditions thoroughly prior to installing permanent groundwater monitoring wells. Further evaluation of site conditions would ultimately reduce the number of wells that may need to be installed in the future which would, therefore, reduce the overall cost of the project investigation phase. Minimization of the number of wells installed at the site would: (1) reduce the number of groundwater samples collected, (2) reduce the laboratory analytical cost, and (3) reduce the time spent reviewing and interpreting the data. Therefore, implementation of the recommended scope of work would, in the long run, reduce the overall project cost. The work described above could be scheduled immediately if desired.



The soil boring locations (Figure 3) were selected in areas near the oil/water separator and down- and cross-gradient of the former waste oil, gasoline, and diesel USTs and are based on results of previous data collected. It is estimated that the proposed additional coring work could be completed in one day of field work.

If you have any questions or would like to discuss the information presented above, please contact us in our Concord office at (510) 671-2387.

Sincerely.

Groundwater Technology, Inc.

Bridget A. Baxter Project Geologist Christopher P. DeSocio

Project Manager



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
GENRERAL MOTORS TRUCKING FACILITY
OAKLAND, CALIFORNIA

Sample I.D Depth	Date Collected	Benzene	Toluene	Ethly- Benzene	Xylenes	TPH-as- gasoline mg/kg	TPH-as- diesel fuel mg/kg	Hydrocar -bons (c) mg/kg
BH-1-6*	07/23/93	_	**			340	280	480
BH-1-10.5*	07/23/93			**	22	20	8	<50
BH-1-15.5*	07/23/93					0.5	10	140
BH-3-5.5*	07/23/93			221		6.3	44	180
BH-4-5.5*	07/23/93	-	-		-	51	17	70
BH-5-5.5*	07/23/93				22.9	0.5	700	820
BH-5-10.5*	07/23/93		-	W -	#2	< 0.3	3	<50
B4D-7*	09/09/93					<0.3	27	
B4D-5*	09/09/93			-		1.4(a)	1,700	<5
B8D-4.5*	09/09/93				80	< 0.3	1,500	<5
B9D-5.5*	09/09/93					< 0.3	900	
B7D-5*	09/09/93					<0.3	1,900	
B10D-10*	09/09/93					1.1(a,b)	7,000	
B11-4.5D*	09/09/93					<0.3	3,800	-
BH4-B-5*	09/10/93			-		·*	570	580
BH1-B-4.5*	09/10/93					**	6	<50
BH2-B-5*	09/10/93		-				490	540
BH3-B-5.5*	09/10/93					<u></u>	470	440

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
GENRERAL MOTORS TRUCKING FACILITY
OAKLAND, CALIFORNIA

Sample I.D Depth	Date Collected	Benzene	Toluene	Ethly- Benzene	Xylenes	TPH-as- gasoline mg/kg	TPH-as- diesel fuel mg/kg	Hydrocar -bons (c) mg/kg		
B2-D-2.5*	09/15/93	<0.005	<0.005	<0.005	<0.005	<0.3	320	-		
B6-D-2*	09/15/93	<0.005	<0.005	0.005	<0.005	<30	400			
B13-D-3.5*	09/15/93	<0.005	<0.005	< 0.005	<0.005	< 0.3	5,400			
B12-D-4.5*	09/15/93						1,100	-		
B12-D-7.0*	09/15/93		-		- 11	45	2,400			
B14-D-10.0*	09/15/93	< 0.005	< 0.005	0.005	<0.005	0.9	1,000			
B1-0-5.6*	09/15/93			(44			92	230		
B2-0-6.5*	09/15/93			-			1,400	1,400		
B3-0-6.0*	09/15/93						1,200	1,100		
B7-0-4.5*	09/15/93		-77	-	·*	-	350	3,900		
B7-0-9.5*	09/15/93						5	<50		
B9-0-5.5*	09/15/93		_	#3	-		1,500	2,100		
B10-0-4.5*	09/15/93	1,000			(4		170	160		
B11-0-4.5*	09/15/93			<u>-</u>		**	1,300	1,100		
B11-0-6.5*	09/15/93					-	1,100	2,500		
SB1-10**	03/23/95	<0.005	<0.005	<0.005	< 0.015	<1.0	<10	<100		
SB2-10**	03/23/95	<0.005	<0.005	< 0.005	< 0.015	<0.1	<10	<100		
SB3-10**	03/23/95	<0.25	<0.25	5.4	87	3,500	<500	1,800(d)		

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS GENRERAL MOTORS TRUCKING FACILITY OAKLAND, CALIFORNIA

Sample I.D Depth	Date Collected	Benzene	Toluene	Ethly- Benzene	Xylenes	TPH-as- gasoline mg/kg	TPH-as- diesel fuel mg/kg	Hydrocar -bons (c) mg/kg
\$B4-10**	03/23/95	< 0.005	< 0.005	< 0.005	< 0.015	<1.0	<10	<100
SB5-10**	03/23/95	< 0.005	<0.005	< 0.005	<0.015	<1.0	<10	<100
SB6-10**	03/23/95	<0.005	< 0.005	< 0.005	<0.015	<1.0	< 100	<1000
SB7-10**	03/23/95	<0.005	< 0.005	<0.005	<0.015	<1.0	<10	<100
\$B8-10**	03/23/95	< 0.005	< 0.005	<0.005	<0.015	<1.0	<100	<1000
SB9-10**	03/23/95	< 0.005	< 0.005	< 0.005	<0.015	<1.0	<100	<1000
\$B10-5**	03/24/95	< 0.005	< 0.005	< 0.005	<0.015	<1.0	<100	<1000
SB11-10**	03/24/95	< 0.005	< 0.005	< 0.005	<0.015	<1.0	<10	< 100
SB12-10**	03/24/95	< 0.005	<0.005	< 0.005	<0.015	<1.0	<10	<100
SB13-10**	03/24/95	< 0.005	<0.005	<0.005	< 0.015	<1.0	< 10	<100
SB14-10**	03/25/95	< 0.005	< 0.005	<0.005	< 0.015	<1.0	<10	<100
SB15-5**	03/24/95	< 0.005	< 0.005	<0.005	< 0.015	<1.0	<50	<500
SB16-5**	03/24/95	< 0.005	< 0.005	< 0.005	<0.015	<1.0	<100	<1000
SB17-10**	03/24/95	< 0.005	< 0.005	< 0.005	< 0.015	<1.0	<50	<500

Note:

See laboratory reports for Environmental Protection Agency (EPA) analytical methods

Total Petroleum Hydrocarbons TPH

Samples collected by Clayton Environmental Consultants.

- ** = Samples collected by Groundwater Technology, Inc.
- a = According to lab report "Purgeable hydrocarbons quantitated as gasoline may be due to heavier petroleum product.
- b = According to lab report Purgeable hydrocarbons quantitated as gasoline do not match typical gasoline pattern.
- c = Hydrocarbons reported as oil and grease.
- d = Reported by laboratory as uncategorized compound TPH Kerosene.

TABLE 2
WATER SAMPLE ANALYTICAL RESULTS
GENRERAL MOTORS TRUCKING FACILITY
OAKLAND, CALIFORNIA

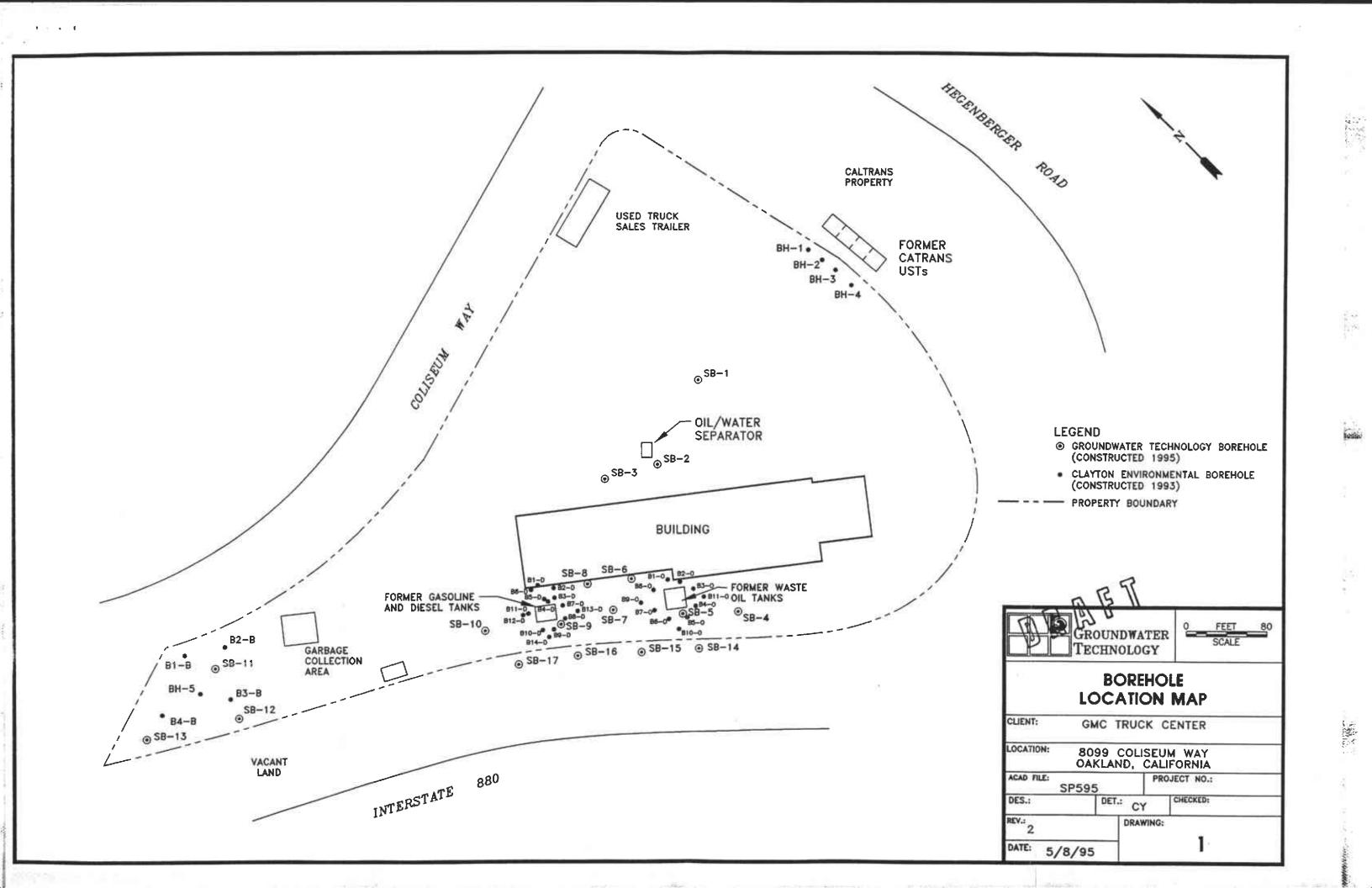
Sample I.D Depth	Date Collected	Benzene	Toluene	Ethly- Benzene	Xylenes	TPH-as- gasoline ug/l	TPH-as- diesel fuel ug/l	Hydrocar -bons (a) ug/l
BH-1*	07/23/93					780	1,300	
BH-3*	07/23/93					*	47,000	
1-WD (under fuel tank)	08/05/93	<0.4	0.4	<0.3	0.5		#3	
B4-O*	09/10/93	<0.4	<0.3	< 0.3	<0.4	<50	5,600	18,000
B6-O*	09/10/93	<0.4	<0.3	<0.3	<0.4	<50	1,400	<5
B11-O*	09/15/93	<0.4	<0.3	< 0.3	<0.4	<50	6,000	10,000
B14-O*	09/15/93	<0.4	<0.3	<0.3	<0.4	<50	10,000	
B3-0* (FREE PRODUCT)	09/15/93		199	ale qu	#0		€ 23	150,000
BH9-D*	09/09/93			**			110,000	
BH10-D*	09/09/93			••			8,500	
BH-8D*	09/09/93			44		# =	7,700	
B14-D*	09/15/93	<0.4	<0.3	<0.3	<0.4	<50	10,000	=
SB1-WATER**	03/23/95	0.4	<0.3	<0.3	0.6	<503	260	<250
SB2- WATER***	03/23/95	3/23/95 <0.3 <0.3 <0.5 <50		<50	<500	4,000		
SB3-(FREE PROJECT)**	03/23/95		27	-			*	**/
SB4-WATER**	03/23/95	<0.3	<0.3	< 0.3	<0.4	<50	300	<250

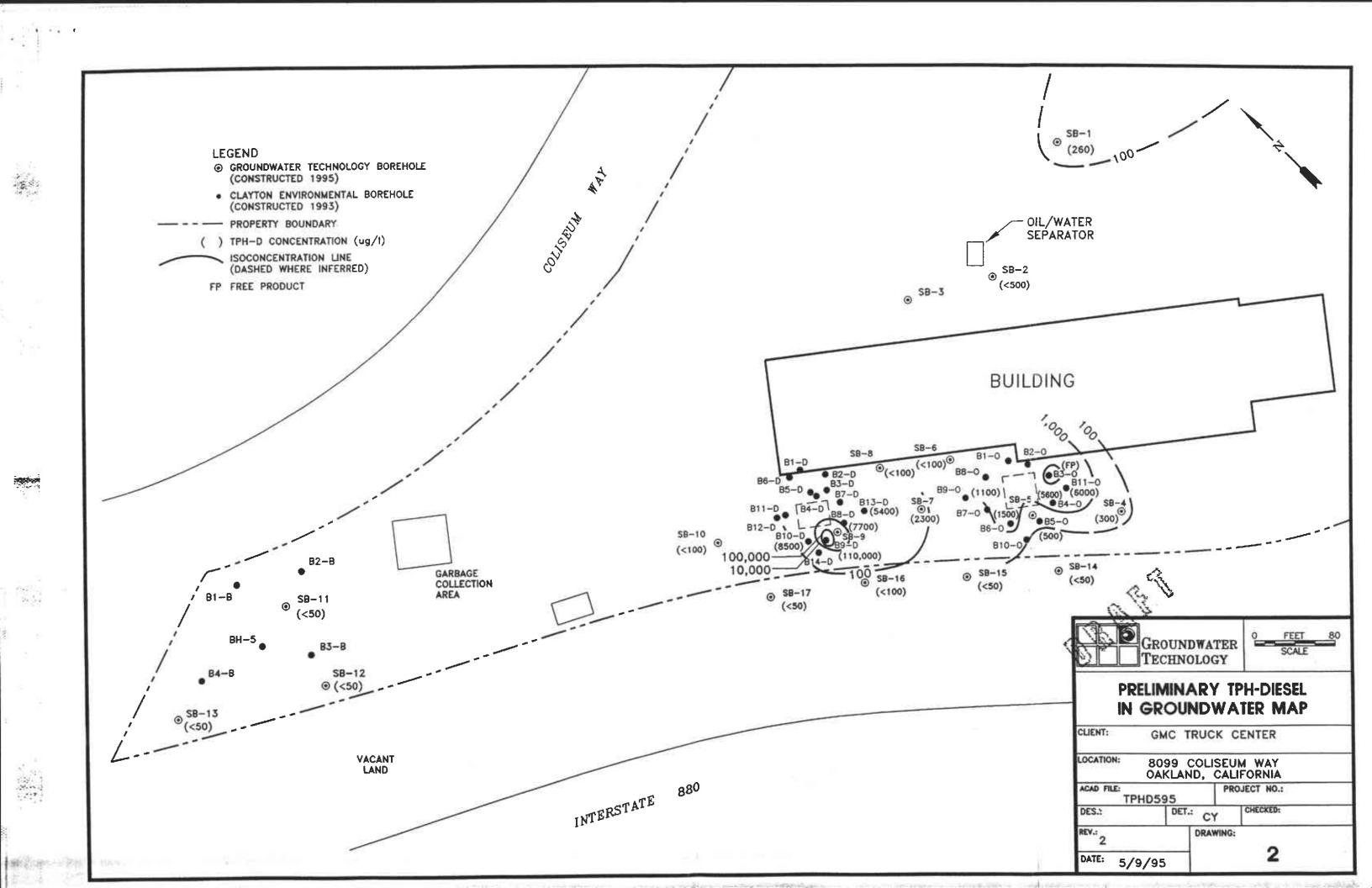
TABLE 2
WATER SAMPLE ANALYTICAL RESULTS
GENRERAL MOTORS TRUCKING FACILITY
OAKLAND, CALIFORNIA

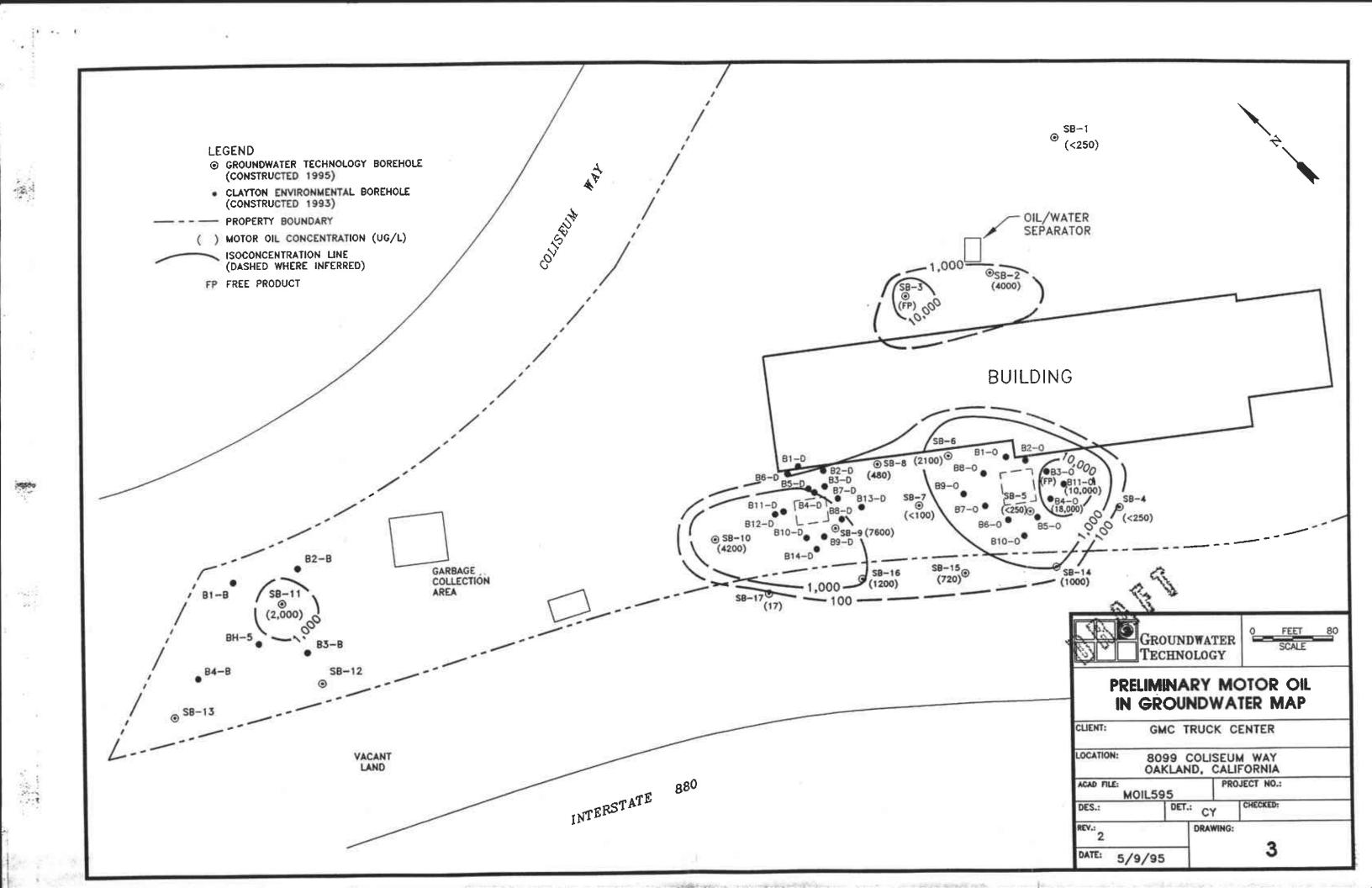
Sample I.D Depth	Date Collected	Benzene	Toluene	Ethly- Benzene	Xylenes	TPH-as- gasoline ug/l	TPH-as- diesel fuel ug/l	Hydrocar -bons (a) ug/l
SB5-WATER**	03/23/95	< 0.3	< 0.3	<0.3	<0.4	<50	500	<250
SB6-WATER**	03/24/95	1.3	<0.3	<0.3	<0.4	<50	<250	2,100
SB7-WATER **	03/23/95	<0.3	<0.3	<0.3	<0.4	<50	2,300	<250
SB8-WATER**	03/23/95	<0.3	<0.3	< 0.3	<0.4	<50	<50	480
SB9-WATER **	03/23/95	<0.3	<0.3	<0.3	< 0.4	<50	<1,000	7,600
SB10- WATER**	03/24/95	<0.3	<0.3	<0.3	<0.4	<50	<500	4,200
SB11- WATER**	03/24/95	<0.3	<0.3	<0.3	<0.4	<50	<250	2,000
SB12- WATER**	03/24/95	<0.3	<0.3	<0.3	<0.4	<50	<500	<2,500
SB13- WATER**	03/24/95	<0.3	<0.3	<0.3	<0.4	<50	<250	<1,250
SB14- WATER**	03/24/95	<0.3	<0.3	<0.3	<0.4	<50	<50	1,000
SB15- WATER**	03/24/95	<0.3	<0.3	<0.3	<0.4	<50	<50	720
SB16- WATER**	03/24/95	0.4	<0.3	<0.3	<0.4	<50	<50	1200
SB17- WATER**	03/24/95	<0.3	<0.3	<0.3	<0.4	<50	<250	<1,250

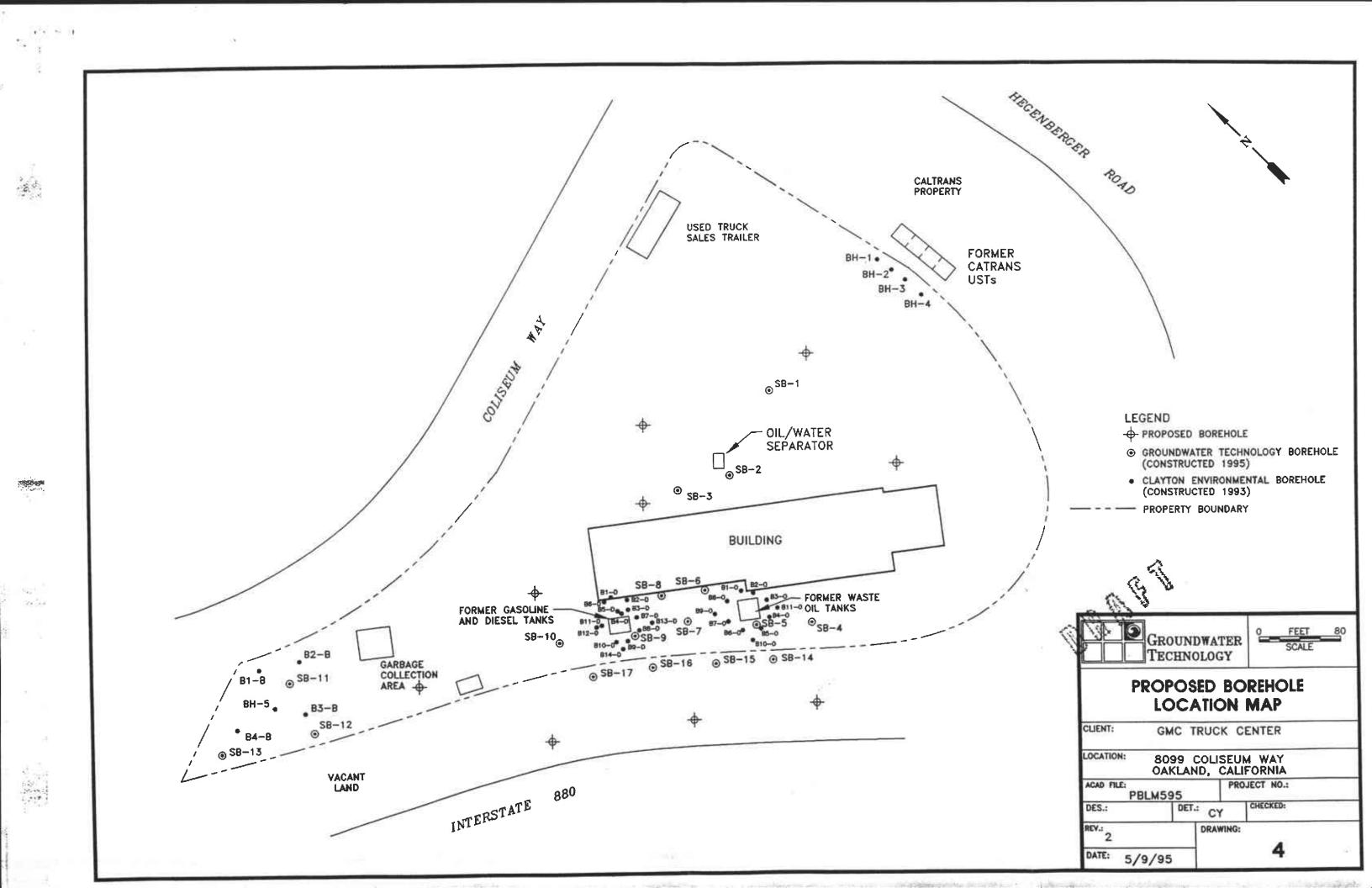
See laboratory reports for Environmental Protection Agency (EPA) analytical methods

- TPH = Total Petroleum Hydrocarbons
- = Samples collected by Clayton Environmental Consultants
- ** Samples collected by Groundwater Technology, Inc.
- Not analyzed
- a = Hydrocarbons reported as oil.











Northwest Region 4080-C Pike Lane Concord, CA 94520 (510) 685-7852

(510) 685-7852 (800) 544-3422 from inside California (800) 423-7143 from outside California (510) 825-0720 (FAX)

April 17, 1995

Chris DeSocio 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 04/07/95, under chain of custody record 38424.

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. This report is to be reproduced only in full.

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.

Rashmi Shah

Laboratory Director

ANALYTICAL RESULTS

Hydrocarbons in Product

GTEL Sample Number		01			
Client Identification		SB3 PRODUCT			
Date Sampled		03/23/95			
Date Extracted		04/13/95			
Date Analyzed		04/15/95			
Analyte	Detection Limit, mg/Kg		Concentratio	n, mg/Kg	
TPH as gasoline ^b	10	<10000			
TPH as mineral spirits	10	590000			
TPH as kerosene	10	<10000			
TPH as diesel fuel	10	<10000			
TPH as motor oil	100	<100000			
Detection Limit Multiplier		1000			<u> </u>

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%.



Quantitation uncertain due to analyte losses during extraction and chromatographic interference by the solvent peak.

I GTEL	1	408 CO (51) (80)	0 PI NCC 0) 68 0) 42	KE I PD, 35-78 23-7												NE	IN-	VA	LYS	SIS	RI	EQ	UE	ST	-		άU	֓֞֞֞֞֓֓֓֓֟֞֓֓֓֟֟֓֓֟֟֟֓֟֟֟	6 (*)				.:: •
Company Name: Company Address Company Name: Company Address Company Add	SESOCIO per lield sampling sed during the	Ha	Ŋ		F. S	AX / ite L lieni	Pro ler I	ject	ID:	68 (#) (Tr	4X 072	(LA1 2021 Ki	1- 1148 MD 0136.7 nf	2010	with MTBE	BTEX/Gas Hydrocarbons PID/FID □ with MTBE □	sel 🗆 Screen		SM-503 🗀		U				רו	_ NBS (+15) _	☐ NBS (+25) 🗀		EP TOX Metals ☐ Pesticides ☐ Herbicides ☐	He B	TAL THERA		Lead 239.2 🗆 200.7 🗀 7420 🗀 7421 🚍 6010 🖃
Field Sample ID	GTEL Lab # (Lab Use only	# CONTAINERS	WATER	Mal	SLUDGE	OTHER	HCI	•	ese	hod erve	d	OTHER (Soecity)		pling	BTEX 602 🗆 8020 [BTEX/Gas Hydroca	Hydrocarbons GC/F	Hydrocarbon Profile (SIMDIS)	Oil and Grease 413.1 🗆 413.2 🗀	TPH/IR 418.1 □ SM 503 □	EDB by 504 ☐ DBCP by 504	EPA 503.1 EPA 502.2	EPA 601 □ EPA 8010 □	EPA 602 C EPA 8020 C	EPA 608 T 8080 T PCB only	EPA 624/PPL □ 8240/TAL	EPA 625/PPL □ 8270/TAL	EPA 610 C 8310 C	EP TOX Metals □	TCLP Metals 🗆 VOA	EPA Metats - Priority Pollutant	CAM Metals TTLC	Lead 239.2 🗆 200.
SB3-Roduct	0	2			V						X		3 /23/9	5 8 X			X												_				
,																				_													
																_																	

. .

4657 POET CHI (AGO) Project Manager:	the	رن	<u>/</u>				-						410		ļ	With	S		503 (15)	.25)		ocide	Pes	1)		I)		!		
		,			Clie	ent F	Proji م	ect l	D: ((#) (Y120)2O	0136.20	10		μĺ	sset [SM							_ NBS (+15)	- ÷		Herb	<u>'</u>	TAI		7421		212		'
CHRIS DESOCIO					ſΝΑ	WĖ)	_6	ıΜ	<u></u>	<u> r</u>	<u>vck</u>	<u> </u>	nf		삐	ĬĘ,	ŏ	Ë			ប្ន				[]	岁	į Ž ∷		ű	>-2	Jug [רז			Fe.	1	
I attest that the proper field sampling procedures were used during the					Sar	nple	er N O	ame	∌ (Pi	rinț)	\supset		v		Ξ	풀	as	Ϋ́	413	ដ្ឋ	8	11	, ,	١.,	Bon	٦	₹		cide	Ser		길	742(Ę		4
collection of these samples.					٧	1	粌	DE	E	حــــــــــــــــــــــــــــــــــــــ	\mathcal{D}	χ	ı€£		(\$ (1)	튙	6	S) e		150	4 d	505		i g	PC	7407	207	l	Pest	Ϋ́	lty P	S	5		8		Š
Field GTEL	VERS		Ma	atriz					leth ese			-	Sampli	Ing	8020	s Hydroca	ons GC/	on Profile	rease 413	18.1	Q4 C) DB(1 CEPA	EPA 601 □ EPA 8010 □	EPA 602 □ EPA 8020 □	EPA 608 🗆 8080 🗀 PCB only	EPA 624/PPL □ 8240/TAL	EPA 625/PPL - 8270/TAL - NBS (+25)	EPA 610 □ 8310 □	EP TOX Metals ☐ Pesticides ☐ Herbicide	TCLP Metals 🗆 VOA 🗀 Semi-VOA 🗀 Pes	EPA Metats - Prionty Pollutant 🗀 TAL 🗀 F	CAM Metals TT.C ☐ ST.C ☐	Lead 239.2 🗆 200.7 🗀 7420 🗀 7421 🗀 60	Lead	Corrosivity 🗀 Flash Point 🗀 Reactivity		
Sample Lab # (Lab Use) only	# CONTAINERS	WATER	SOIL	SLUDGE	PRODUCT	OTHER	면 면	HNOS	H2SO4	OE E	SERVED	(Soecity)	ФАТЕ	TIME	BTEX 602 8020 with MTBE	BTEX/Gas Hydrocarbons PID/FID □ with A	Hydrocarbons GC/FID Gas 🗇 Diesel 🗀 Sc	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 602	EPA 608	EPA 624	EPA 625	EPA 610	EP TOX	TCLP Me	EPA Met	CAM Me	Lead 239	Organic Lead	Corrosavi		
SB3-Robert 01	2			+	K						X		72395	800			X												<u></u>		Ĺ	_					
2B3-Roduct 0	=	Н		┪~		+		_	一			-	/=1 																								
	┝			+		_		寸				_															<u> </u>			_		_	L.				_
	\vdash	H		╁	\Box			_	╗											I		Ĭ		<u> </u>					_	<u> </u>	_			L.	_		_ .
	1			1					\neg																	_	_		_			<u> _</u>		_		_	_
	-	H	_	1	П		_		_			_		<u> </u>		ļ		Γ											Ĭ							_	_
, · · · · · · · · · · · · · · · · ·	一	Н	_	1	Ħ			_	_		_ -	-						Γ	Γ																		
	-		_	+	\vdash							\dashv																									
	╁		\sqcap	+	\vdash							_					<u> </u>								1												
	╁╴	H	- -	+	1-	H					\neg	7				\Box		1			Ī					1	1		1								
	╁	-	┌┼╴	- -	┨─	H			_										 	1		1			-		1	T	Τ	1							_
0	<u></u>		<u></u>		1	T	SPE	CIA	L DE	TEC	TIOI	v Lii	MITS			l	1		T	REN	MAR	KS:			<u> </u>	1			-	-		2	4				
TAT Special Priority (24 hr) GTEL Contact	ıı m	#IIU	ung																1																		
Expedited (48 hr) Quote/Contract #	<u> </u>																		1																		
7 Business Days [] Confirmation # _						┟	CDE	CIAI	Đ.E	:DOI	OTIMI	C D	EQUIREM	4ENTS					┥	Lab	Use	· On	lv I c	ot#:								Stor	age	Loca	tion	x2	
Business Days [] P.O. #		-				<u>.</u> [`	5PE	CIA	L, NL	:POI		G M	EGOITEN	ALITIO					1		, 00.		.,										J			v <u>C</u>	
QA/QC Level																			ŀ	141-	rk O	!		<u> </u>	5/	<u>س</u>	1/	~	\mathcal{L}	21							
Blue I. I CLP I Other I. 1			7)			1	FAX	Ц						1 7		 						_					1(_	<u> </u>	ب	_				_			
CUSTODY HUD	d by	Şar ∦ /	daler / }v	1/	, 11 /1									1	uai 1	'n	ήl	2		Å	,, l	nec	celve	:u D)	·.												
COSTODI Belloguished	S VOV	()	<u>-21</u>	44	- (>								 	Da	-7-	<u></u>		Tim	ne Y	"	Red	ceive	ed by	<i>r</i> :			/1				<u></u> در	/				
RECORD	,													ļ									<u>.</u>				4	/_		<u> </u>	_	//	_	-	٠,		
Relinquished	d by	:												4/	Dat ク。		: 1	14	Tim 32	1e 少			ceive Iybill		/ Lat	oora <i>I</i>			40	n	1	_	(_	ر راح	9 F }	<u>. د</u>

3842

UHE



Northwest Region 4080-C Pike Lane Cancord, CA 94520 (510) 685-7852 (800) 544-3422 from inside California (800) 423-7143 from outside California (510) 825-0720 (FAX)

April 7, 1995

Chris Desocio Groundwater Technology, Inc. 4057 Port Chicago Hwy. Concord, CA 94520

RE: GTEL Client ID:

042020136

Login Number:

C5030301

Project ID (number):

042020136.2010

Project ID (name):

GMC Trucking/CA

Dear Chris Desocio:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 03/24/95 under Chain-of-Custody Number(s) 28420, 28417, 28418, 28419, 28416.

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 Department of Health Service under Certification Number E1075.

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

Sincerely,

GTEL Environmental Laboratories, Inc.

Rashmi Shah

Laboratory Director

042020136

ANALYTICAL RESULTS

Login Number:

C5030301

Project ID (number): 042020136.2010

Project ID (name):

GMC Trucking/CA

Volatile Organics

Method: EP.

Matrix:

EPA 8020 Aqueous

GTEL Sample Number	CE030301.01	5030301-02	5030301-03	65030301-04
mite authle nates				
Client ID	SRT.WATER	SR2-WATER	SR4 WATER	SB5+WATER
Crisic ID	201 (6)(2)			
Nate Campled	63/27/95	03/23/95	047/267/95	U3/23/95
north sumpton				
Date Bralvzed	04/03/95	0.67/61//05	0.57.531795	U3/31/9b
Occ manged				
Dilution Factor	1.00	1.00	1.00	1.00
Date Sampled Date Analyzed Dilution Factor	03/23/95 04/03/95 1:00	03/23/95 03/31/95 1.00	03/31/95 1.00	03/31/95 03/31/95 1.00

	Reporting					
Analyte	Limit	Units	Co	ncentration:		
Benzene	0.3	ug/L	0.4	< 0.3	< 0.3	< 0.3
Toluene	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Ethylbenzene	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Xylenes (total)	0.5	ug/L	0.6	< 0.5	< 0.5	< 0.5
TPH as GAS	50.	ug/L	< 50.	< 50.	< 50.	< 50.
BFB (Surrogate)		X	99.4	106	107.	105.

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846. Third Edition including promulgated Update 1. Gasoline Range Hydrocarbons (TPH) quantitated by GC/FID with purge and trap. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%.

GTEL Concord, CA C5030301:1



042020136

C5030301

Login Number: Project ID (number): 042020136.2010

Project ID (name):

GMC Trucking/CA

ANALYTICAL RESULTS

Volatile Organics Method: EPA 8020

	6111 0-2
Matrix:	Aqueous

GTEL Sample Humber	
diff adith a unine franca i a manage de	
	end signed conditioned
CTIENT ID SB6-WATER SB7-WATER	ABG-WAIEK ABY-WAIEK
Date Sampled 03/24/95 03/23/95	63/33/0E 63/33/0E
Date Analyzed 03/31/95 03/31/95	
Ra+s AraTurast A7/71/G6 R7/71/G6	114/1111/94 114/1111/94
Date Wild Item Constitution Assets to	* 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
	100 100
Dilition Factor I (H) I (W)	1.00 1.00

,	Reporting					
Analyte	Limit	Units	C	Concentration:		
Benzene	0.3	ug/L	1.3	< 0.3	< 0.3	< 0.3
Toluene	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Ethylbenzene	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
TPH as GAS	50.	ug/L	< 50.	< 50.	< 50.	< 50.
BFB (Surrogate)		%	106 <u>.</u>	107.	105.	98.4

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods", SW-846. Third Edition including promulgated Update 1. Gasoline Range Hydrocarbons (TPH) quantitated by GC/FID with purge and trap. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%.

C5030301-08:

MTBE concentration is not included in the gasoline concentration.

GTEL Concord, CA C5030301:2



042020136

-ANALYTICAL RESULTS

Login Number:

C5030301

Project ID (number): 042020136.2010 Project ID (name):

GMC Trucking/CA

Volatile Organics **EPA 8020**

Method:

Aqueous

	Matrix:	Aqueous
C5030301-11	C5030	301-12

GIFI	Sample Number C5030301:09	C5030301-10 C5030301	-11 C5030301-12
	Client ID SBIO-WATER	SB11-WATER SB12-WA	TER SB13-WATER
	Date Sampled 03/24/95	03/24/95 03/24	/95 03/24/95
	Date Analyzed 04/01/95	04/01/95 04/01	/95 04/01/95
	lution Factor 1.00	1:00 1	.00 1.00

	Reporting					
Analyte	Limit	Units		oncentration:		
Benzene:	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Toluene	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Ethylbenzene	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
TPH as GAS	50.	ug/L	< 50.	< 50.	< 50.	< 50.
BFB (Surrogate)		X	97.4	99.8	102.	102.

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-846. Third Edition including promulgated Update 1. Gasoline Range Hydrocarbons (TPH) quantitated by GC/FIO with purge and trap. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%.

GTEL Concord, CA C5030301:3



042020136

Volatile Organics

Login Number:

C5030301

Method:

Project ID (number): 042020136.2010

EPA 8020 Matrix: Aqueous

Project ID (name): GMC Trucking/CA

			00000000000000000000000000000000000000
	Sample Number C5030301-13	PERSONAL 13 PERSONALI I	
क्षा ।	Scample Number Intil (1911-19		
UILL	Spinit C transcri doctors to		VALUE SANCO CONTRACTO DE CONTRA
	- A contra	COST INTE	
	Client ID SB14-WATER	NAMES OF TAXABLE PROPERTY	
	Cricic In Opt Inter		
	Date Sampled 03/24/95		
	The Campled 1777/145		
	Dare Julihien Asitala		
	Date Analyzed 04/01/95	A Propriet	
	Date testured (M/CI/O		
	Dace Wigitzen 44101120		
n.	:1 ±3 T	1 141	

ANALYTICAL RESULTS

	Reporting					
Analyte	Limit	Units	(Concentration:		
Benzene	0.3	ug/L	< 0.3	< 0.3	0.4	< 0.3
Toluene	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Ethy1benzene	0.3	ug/L	< 0.3	< 0.3	< 0.3	< 0.3
Xvlenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
TPH as GAS	50.	ug/L	< 50.	< 50.	< 50.	< 50.
RFR (Surrogate)		*	101 <u>.</u>	96.8	90.0	95.4

Notes:

Dilution Factor:

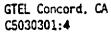
Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-846. Third Edition including promulgated Update 1. Gasoline Range Hydrocarbons (TPH) quantitated by GC/FID with purge and trap. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%.

C5030301-15:

Uncategorized compound is not included in gasoline concentration.





042020136

ANALYTICAL RESULTS

Login Number:

C5030301

Project ID (number): 042020136.2010 Project ID (name):

GMC Trucking/CA

Volatile Organics Method: EPA 8020

Matrix: Aqueous

CTCI Campia Number (CASAS)	01.40	
CITE South to Maintin 170707	01.43	
TTC-+ IN TOIC	al May	
CHEST ID ANT	BLAIK	
n_1 - r7 - J	123 (05	
nace pampied not	23793	
	ret rot	
Date Analyzed 03/	U/80 **	
Dilution Factor	1.00	

	Reporting				
Analyte	Limit	Units	Co	ncentration:	
Benzene			< 0.3	##	 **
Toluene	0.3	ug/L	< 0.3		
Ethy1benzene	0.3	ug/L	< 0.3		
Xylenes (total)	0.5	ug/L	< 0.5		
TPH as GAS	50.	ug/L	< 50.		

89.8

Notes:

Dilution Factor:

BFB (Surrogate)

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods", SW-846. Third Edition including promulgated Update 1. Gasoline Range Hydrocarbons (TPH) quantitated by GC/FID with purge and trap. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%.

GTEL Concord, CA C5030301:5



042020136

QUALITY CONTROL RESULTS

Login Number:

Project ID (name):

C5030301

Project ID (number): 042020136.2010 GMC Trucking/CA Volatile Organics

EPA 8020 Method:

Matrix:

Aqueous

Method Blank Results

QC Batch No:

E033195-1

Date Analyzed:

31-MAR-95

	Date Analyzed.	2T-IMI(-22	
Analyte		Method:EPA 8020	Concentration: ug/L
Benzene		< 0.30	
Toluene		< 0.30	
Ethylbenzene		< 0.30	
Xylenes (Total)	< 0.50	
Naphthalene		< 20.	
TPH as Gasolin	e	< 50.	

Notes:



ANALYTICAL RESULTS

Hydrocarbons in Water

Method: GC-FIDa

GTEL Sample Number		01	02°	03	04
Client identification		SB1 WATER	SB2 WATER	SB4 WATER	SB5 WATER
Date Sampled		03/23/95	03/23/95	03/23/95	03/23/95
Date Extracted		03/25/95	03/25/95	03/25/95	03/25/95
Date Analyzed		03/29/95	03/29/95	03/29/95	03/29/95
Analyte	Detection Limit, ug/L	Concentration, ug/L			
TPH as mineral spirits	50	<50	<500	<50	<50
TPH as kerosene	50	<50	<500	<50	<50
TPH as diesel fuel	50	260b	<500	300p	500b
TPH as motor oil	250	<250	4000	<250	<250
Detection Limit Multiplier	•	1	10	1	1
O-Terphenyl surrogate, % rec	covery	117	50.2	82.3	115

Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, USEPA, November, 1986. O-Terphenyl surrogate acceptability limits are 50-150%.



Uncharacteristic of GTEL's diesel standard, uncategorized compounds not included in concentration.

Detection limit raised due to matrix interference.

ANALYTICAL RESULTS

Hydrocarbons in Water

GTEL Sample Number		05C	06	07	08c
Client Identification		SB6 WATER	SB7 WATER	SB8 WATER	SB9 WATER
Date Sampled		03/24/95	03/23/95	03/23/95	03/23/95
Date Extracted			03/25/95	03/25/95	03/25/95
Date Analyzed			03/29/95	03/31/95	03/29/95
Analyte	Detection Limit, ug/L	Concentration, ug/L			
TPH as mineral spirits	50	<250	<50	<50	<1000
TPH as kerosene	50	<250	<50	<50	<1000
TPH as diesel fuel	50	<250	2300b	<50	<1000
TPH as motor oil	250	2100	<250	480	7600
Detection Limit Multiplier			1	1	20
O-Terphenyl surrogate, % rec	covery	103	111	114	72.1

Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, USEPA, November, 1986.
 O-Terphenyl surrogate acceptability limits are 50-150%.



Uncharacteristic of GTEL's diesel standard, uncategorized compounds not included in concentration.

c. Detection limit raised due to matrix interference.

ANALYTICAL RESULTS

Hydrocarbons in Water

GTEL Sample Number	GTEL Sample Number		GCJ 032995	10 ^C	11 ^C
Client Identification		SB10 WATER	METHOD BLANK	SB11 WATER	SB12 WATER
Date Sampled		03/24/95		03/24/95	03/24/95
Date Extracted		03/25/95	03/25/95	03/27/95	03/27/95
Date Analyzed			03/29/95	04/01/95	03/31/95
Analyte	Detection Limit, ug/L	Concentration, ug/L			
TPH as mineral spirits	50	<500	<50	<250	<500
TPH as kerosene	50	<500	<50	<250	<500
TPH as diesel fuel	50	<500	<50	<250	<500
TPH as motor oil	250	4200	<250	2000	<2500
Detection Limit Multiplier	Detection Limit Multiplier		1	5	10
O-Terphenyl surrogate, % rec	overy	₁₅₈ d	95.2	102	135

Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, USEPA, November, 1986.
 O-Terphenyl surrogate acceptability limits are 50-150%.



c. Detection limit raised due to matrix interference.

d. Surrogate high due to target compound interference.

ANALYTICAL RESULTS

Hydrocarbons in Water

GTEL Sample Number		12 ^C	13	14	15
Client Identification	\$B13 WATER	SB14 WATER	SB15 WATER	SB16 WATER	
Date Sampled	03/24/95	03/24/95	03/24/95	03/24/95	
Date Extracted		03/27/95	03/27/95	03/27/95	03/27/95
Date Analyzed	04/01/95	03/31/95	03/31/95	03/31/95	
Analyte	Detection Limit, ug/L		Concentrati	on, ug/L	
TPH as mineral spirits	50	<250	<50	<50	<50
TPH as kerosene	50	<250	<50	<50	<50
TPH as diesel fuel	50	<250	<50	<50	<50
TPH as motor oil	250	<1250	1000	720	1200
Detection Limit Multiplier		5	1	1	1
O-Terphenyl surrogate, % red	covery	92.7	167 ^d	е	е

- Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, USEPA, November, 1986.
 O-Terphenyl surrogate acceptability limits are 50-150%.
- c. Detection limit raised due to matrix interference.
- d. Surrogate high due to target compound interference.
- e. Unable to report surrogate due to target compound interference.



ANALYTICAL RESULTS

Hydrocarbons in Water

GTEL Sample Number	16 ^C	GCJ 033095			
Client Identification		SB17 WATER	METHOD BLANK		
Date Sampled	03/24/95				
Date Extracted		03/27/95	03/27/95		
Date Analyzed		04/01/95	03/30/95		
Analyte	Detection Limit, ug/L		Concentrati	on, ug/L	
TPH as mineral spirits	50	<250	<50		
TPH as kerosene	50	<250	<50		
TPH as diesel fuel	50	<250	<50		
TPH as motor oil	250	<1250	<50		
Detection Limit Multiplier	Detection Limit Multiplier		1		
O-Terphenyl surrogate, % red	covery	149	120		

Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, USEPA, November, 1986.
 O-Terphenyl surrogate acceptability limits are 50-150%.



Detection limit raised due to matrix interference.

042020136

ANALYTICAL RESULTS

Login Number:

C5030301

Project ID (number): 042020136.2010 Project ID (name):

GMC Trucking/CA

Volatile Organics EPA 8020 Method:

Matrix: Solids

	50900000000000000000000000000000000000
**************************************	1199 /4 30000
GTEL Sample Number C5030301-17 C5030301-19 C5030301-21 C503030	
777 10 777 10 777	1 100 100 100 100 100 100 100 100 100 1
F11ent ID	- 100 A Marian
	AMMERICAN TO SERVICE AND ADDRESS OF THE PARTY OF THE PART
62 PP / III	
Date Sampled 03/23/95 03/23/95 03/23/95 03/23/95	
Date Abalyzed 03/29/95 03/29/95 04/01/95 04/	430344
7.**	
Otto (MONTO)	
511 1 1 100 1 1M 50 (M)	
UTIVETON PACEDE 1.VV 1.VV 2.VV	(CAC+)0404(CCCCCCC

·	Reporting					
Analyte	Limit (Unit <u>s</u>	Con	<u>centration:Wet W</u>	<u>leight</u>	
	0.005	mg/kg	< 0.005	< 0.005	< 0.25	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.25	< 0.005
Fthylbenzege	0.005	mg/kg	< 0.005	< 0.005	5.4	< 0.005
Xvlenes (total)	0.015	mg/kg	< 0.015	< 0.015	87.	< 0.015
TPH as GAS	1.0	ma/ka	< 1.0	< 1.0	3500	< 1.0
RER (Surrogate)		**************************************	60.5	78.6	116.	95.0
Brb (Surregace)						· •

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 6020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-846. Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

C5030301-21:

Detection limit raised due to high levels of hydrocarbons. Estimated concentration for gasoline due to overlapping fuel patterns.

GTEL Concord. CA C5030301:1



042020136

Login Number:

C5030301

Project ID (name):

Project ID (number): 042020136.2010

GMC Trucking/CA

ANALYTICAL RESULTS

Volatile Organics

EPA 8020 Method:

Matrix:

Solids

0-0000 VIII	CE020201 32
GTEL Sample Number	C.0.0.0.0.
et a te com to SPA-10 SAV-10	358 LU
Date Sampled 03/23/95 03/24/95 03/23/95	03/23/95
Date Sampled 03/23/95 03/24/93	0.4 (0.2 (0.5
Date Shifting 03/20/25 04/04/95 03/30/95	04/01/95
DAIL+100 Exeter 100 100 1.00	1.00
ULIGUIOT FACEO 1.00	

•	Reporting		0		lai aht	
Analyte	<u>Limit</u>	<u>Units</u>		centration:Wet W	< 0.005	~ A 105
Benzene	0.005	energe energenerge er er er	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005 = 0.005	< 0.005 < 0.005	< 0.005
Ethylbenzene		mg/kg	< 0.005		< 0.005 < 0.015	_ 0.005 _ 0.015
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015 ≥ 1.0	< 0.013	2 1.013
TPH as GAS	1.0	mg/kg	< L.U	< 1.V	< 1.0 69.5	63.7
BFB (Surrogate)		*	90.3	21.2	09.0	

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods", SW-846. Third Edition including promulgated Update 1. Modification for IPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

·Estimated concentration, surrogate recovery demonstrated sample specific matrix effect. Laboratory control sample indicated the analysis was within

GTEL Concord. CA C5030301:2



042020136

Login Number:

C5030301

Project ID (number): 042020136.2010 Project ID (name):

GMC Trucking/CA

ANALYTICAL RESULTS

Volatile Organics Method:

EPA 8020

Matrix:

Solids

				888
CTEL Cample M	maar / / / / / / / / / / / / / / / / / /	CEN30301-3E CEN	30301-38 C5030301-40	88
7710	TRO. 10	2.0182	5811-10 S812-10	
	10 10 000 20			<i>.</i>
Patrice:	neted 02/22/05	03/34/95	03/24/95 03/24/95	### T
Date Ja	III I EU			
Tree Sec	T 0.4 /0.7 /OE	0.4707.705	04/01/95 03/31/95	<i>8</i> 88
Uate Alia	. 14.0 14.0 14.0	V-7, V11, J	**********	### T
823.44		1.70	1 (1)	XX
Ullution r	4Cf0[2.00	<u> </u>

	Reporting					
Analyte	Limit	Units	Co	ncentration:Wet \	Neight	
Benzene	0,005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.005	mg/kg »	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
	1.0	ma/ka	< 1.0	< 1.0	< 1.0	< 1.0
RER (Surrogate)		**************************************	65.7	58.0	63.9	83.6
DID (Suilogace)		_ 			**	

Notes:

Dilution Factor:

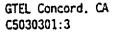
Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-846. Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

C5030301-35:

Estimated concentration, surrogate recovery demonstrated sample specific matrix effect. Laboratory control sample indicated the analysis was within control limits.





042020136

ANALYTICAL RESULTS

Login Number:

C5030301

Project ID (number): 042020136.2010 Project ID (name):

Volatile Organics EPA 8020 Method: Matrix: Solids

GMC Trucking/CA

GTEL Sample Number	C5030301-45
Client ID 5813-10 S814-10 S815-5	CR16.6
Cilentin activity activity	02 (01 (CE
Date Sampled 03/24/95 03/24/95 03/24/95	03/24/73
Date Analyzed 03/31/95 03/31/95 03/31/95	U4/U3/95
Dilution Factor 1.00 1.00 1.00	1.00

	Reporting					
Analyte	Limit	Unit <u>s</u>	Cor	<u>centration:Wet_W</u>		
	0,005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	· · · · · · · · · · · · · · · · · · ·	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Fthylbenzene	0.005	ma/ka	< 0.005	< 0.005	< 0.005	< 0.005
V 1 /+-+-1\		mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
TPH as GAS	and the second of the second o	ma/ka	210	< 1.0	< 1.0	< 1.0
irn as wo	600040064006000000000 00	nanaan Y	84.9	74.5	92.6	31.8
BFB (Surrogate)		^	07.7	, , , , , , , , , , , , , , , , , , , ,	<u> </u>	

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods", SW-846. Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols. May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA C5030301:4



042020136

ANALYTICAL RESULTS

Login Number:

C5030301

Project ID (number): 042020136.2010 Project ID (name):

GMC Trucking/CA

Volatile Organics EPA 8020 Method:

Matrix: Solids.

GTEL Sample Number C5030301-48
Client ID 351/14
Date Sampled 03/24/95
Date Sampled 03/24/95
and the second s
Date Analyzed 04/01/95
Dilution Factor E.UU ***
Dilution Factor 1.00

Rep	orting					
Analyte	Limit	Units	Conc	entration:Wet	Weight	
Benzene	0.005	mg/kg	< 0.005			**
Toluene	0.005	mg/kg	< 0.005			
Ethy l benzene	0.005	mg/kg	< 0.005			
Xylenes (total)	0.015	mg/kg	< 0.015			
TPH as GAS	1.0	mg/kg	< 1.0			
BFB (Surrogate)		*	69.9			

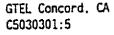
Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-846. Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols. May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.





042020136

QUALITY CONTROL RESULTS

Login Number:

C5030301

Project ID (number): 042020136.2010 Project ID (name):

GMC Trucking/CA

Volatile Organics

Method:

EPA 8020

Matrix:

Solids

Method Blank Results

QC Batch No:

A040195-1

01_APP_05

	uate Analyzed:	U1-APR	-90	
Analyte		Method: EPA	8020	Concentration: ug/L
Benzene		< 0.	020	
Toluene		< 0.	020	
Ethy ibenzene		< 0.	020	
Xylenes (Total)		< 0.	060	
TPH as Gasoline		<	1.0	

Notes:



ANALYTICAL RESULTS

Hydrocarbons in Soil

GTEL Sample Number		17	19	21 ^C	24
Client Identification		SB1-10	SB2-10	SB3-10	SB4-10
Date Sampled		03/23/95	03/23/95	03/23/95	03/23/95
Date Extracted		03/28/95	03/28/95	03/28/95	03/28/95
Date Analyzed		04/01/95	04/04/95	04/01/95	04/03/95
Analyte	Detection Limit, mg/Kg		Concentratio	n, mg/Kg	
TPH as mineral spirits	10	<10	<10	<500	<10
TPH as kerosene	10	<10	<10	1800 ^f	<10
TPH as diesel fuel	10	<10	<10	<500	<10
TPH as motor oil	100	<100	< 100	<1000	<100
Detection Limit Multiplier		1	1	10	11
O-Terphenyl surrogate, % rec	overy	70.5	66.6	е	70.9

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%.

- c. Detection limit raised due to matrix interference.
- e. Unable to report surrogate due to target compound interference.
- Uncategorized compound maybe included in the kerosene concentration.



ANALYTICAL RESULTS

Hydrocarbons in Soil

GTEL Sample Number		26	28 ^C	30	32 ^c
Client Identification	-	SB5-10	SB6-10	SB7-10	SB8-10
Date Sampled	· · · · · · · · · · · · · · · · · · ·	03/23/95	03/24/95	03/23/95	03/23/95
Date Extracted		03/28/95	03/28/95	03/28/95	03/28/95
Date Analyzed		04/03/95	04/01/95	04/03/95	04/01/95
Analyte	Detection Limit, mg/Kg		Concentratio	n, mg/Kg	
TPH as mineral spirits	10	<10	<100	<10	<100
TPH as kerosene	10	<10	<100	<10	<100
TPH as diesel fuel	10	<10	<100	<10	<100
TPH as motor oil	100	<100	<1000	<100	<1000
Detection Limit Multiplier	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	10	1	10
O-Terphenyl surrogate, % rec	covery	70.3	59.6	63.5	98.8

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%.



c. Detection limit raised due to matrix interference.

ANALYTICAL RESULTS

Hydrocarbons in Soil

GTEL Sample Number		34 ^C	35°	38	40
Client Identification		SB9-10	SB10-5	SB11-10	SB12-10
Date Sampled		03/23/95	03/24/95	03/24/95	03/24/95
Date Extracted		03/28/95	03/28/95	03/28/95	03/28/95
Date Analyzed		04/01/95	04/01/95	04/01/95	04/03/95
Analyte	Detection Limit, mg/Kg		Concentratio	n, mg/Kg	
TPH as mineral spirits	10	<100	<100	<10	<10
TPH as kerosene	10	<100	<100	<10	<10
TPH as diesel fuel	10	<100	<100	<10	<10
TPH as motor oil	100	<1000	<1000	<100	<100
Detection Limit Multiplier		10	10	1	1
O-Terphenyl surrogate, % rec	overy	76.8	62.7	60.6	70.2

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%.



c. Detection limit raised due to matrix interference.

ANALYTICAL RESULTS

Hydrocarbons in Soil

GTEL Sample Number		42	44	45 ^C	46 ^C
Client Identification		SB13-10	SB14-10	SB15-5	SB16-5
Date Sampled	····	03/24/95	03/24/95	03/24/95	03/24/95
Date Extracted		03/28/95	03/28/95	03/28/95	03/28/95
Date Analyzed		04/01/95	04/03/95	04/04/95	04/01/95
Analyte	Detection Limit, mg/Kg		Concentratio	n, mg/Kg	
TPH as mineral spirits	10	<10	<10	<50	<100
TPH as kerosene	10	<10	<10	<50	<100
TPH as diesel fuel	10	<10	<10	<500	<100
TPH as motor oil	100	<100	<100	<500	<1000
Detection Limit Multiplier		1	1	5	10
O-Terphenyl surrogate, % rec	covery	54.5	67.2	73.7	65.1

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%.



Detection limit raised due to matrix interference. C.

ANALYTICAL RESULTS

Hydrocarbons in Soil

GTEL Sample Number		48 ^C	GCJ 033195	
Client Identification		SB17-10	METHOD BLANK	
Date Sampled		03/24/95	_	
Date Extracted		03/28/95	03/28/95	
Date Analyzed		04/01/95	03/31/95	
Analyte	Detection Limit, mg/Kg	(Concentratio	n, mg/Kg
TPH as mineral spirits	10	<50	<10	
TPH as kerosene	10	<50	<10	
TPH as diesel fuel	10	<50	<10	
TPH as motor oil	100	<500	<100	
Detection Limit Multiplier		5	1	
O-Terphenyl surrogate, % rec	covery	51.0	117	

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%.



c. Detection limit raised due to matrix interference.

GTEL SAVIPAGNIES INC	4080 CON (510	4080 PIKE LANE, SUITE C CONCORD, CA 94520 (510) 685-7852 (800) 423-7143 Phone #: (510) 671-238-7											C A	HAI ND	IN-C AN)I	cus Ysi	STC IS F	JU I REG	HE UE:	ST	עאי			2.8				開		1	う ず1	7 Fr
Company Name:	1000	Phon	e #:	7510	<i>)</i> (7	-2	38	+			·······	1	[- 1	- 1		1	1	İ	1	1	1							``		1	
_	4 TT-311		. /		\	. 66		Qi.	و ر	ı					X	ŀ												_,					
Company Address:		FAX Site I												ATBE [ScreenX		O							מ			E He	PCRA []	1	5 []			
Project Manager:	o thuy, Censco	€ <i>O</i> Clien	L Pro	A Ject II	D: (A	1)04	202	013	6,	70	10		with MTBE	BTEX/Gas Hydrocarbons PID/FID★ with MTBE □	Diesel 🗆		SM 503						S (+15)	EPA 625/PPL C 8270/TAL C NBS (+25) C		EP TOX Metats 🗆 Pesticides 🗇 Herbicides 🗁	TCLP Metals 🗆 VOA 🖂 Semi-VOA 🗖 Pest 🗇 Herb	EPA Metals - Pronty Pollutant TAL RCRA		Lead 239.2 C 200.7 C 7420 C 7421 C 6010 C	i i i i i i i i i i i i i i i i i i i		
CHRIS DESOCIO		(NAM Samj	1E) G	ame	<u>ر</u> س	Ti	uc	<u>kı</u>	rs				Σ		. 1		2					2	18	2		Ö	身	밀	o		- 1		
i attest that the proper field sa	ampling	Samj	oler i	Vame	(Pri	nt):			_0				¥.	윤	S	Sigi	±13.		첧	-1	_ .	_ ē	 	닐		ğ	5	lluta	STCO	용	1000 4000		
procedures were used during of these samples.	the collection BA	210	6 E	7	F	34	χŢ	EΪ	7					pous	D G	NIS)	ū	용	à	821	֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֓֓֓֡֓֡֓֡	3 5	§	Ę		esti	Ā	2	S		l à		12
				Matri			М	etho	bo		San	npling	8020	ydrocar	s GC/FI	Profile	lse 413.	TPH//R 418.1 ☐ SM 503 ☐		EPA 502.21	EPA 601 C EPA 8010 C	EPA 602 CL EPA 8020 CL	7 10 82	28	EPA 610 □ 8310 □	tats 🗆 F	s 🗆 Vo	· Pnorit	CAM Metals TT.C [1	1 1/2
Field Sample	GTEL Lab #	Containers	T	TT.	151	1-			65					as H	Lpg	ırbou	Grea	2	8		וַכ) [1 5	g	0	Me	Aetal	etais	98 88	2 3 8	<u>ق</u> ارة		1980
ID	(Lab use only)	# Con	WATER	AIR	PRODU		ŐNH	H,SO	UNPRESERVED	OTHER (SPECIFY	DATE	TIME	BTEX/602	BTEXG	Hydrocarbons GC/FID Gas □	Hydrocarbon Profile (SIMDIS) □	Oil and Grease 413.1 🗆 413.2 🗆	TPH//R	EDB by	EPA 503.1 🗆	교 (명 6	0 4 00 00 00 00 00 00 00 00 00 00 00 00	EPA 62	EPA 62	EPA 61	EP 70)	TCLP N	EPA M	CAM	Lead 2	Organic Lead	3	17
CAL Walsten	01	4	χ			$\sqrt{}$	Ħ	_ -	Х	1—1	3/23	-	1	∇	X	-		ᅵ			t-												
SBI-Water	02	3 ()									 			X	\sum_{i}			\neg												\perp			
Can a Water	03	4											X	Χī								7			[_		
5B2-Watn SB4-Watn SB5-Water	04	4								1		X	$ \nabla $					_	_ -											_			
Cal			-		 	-11-	17	T		П			1												_								
SB1 - Water	06	4	1		11	1			1		1	1 '		X	X]_			-↓	
CAO - WORK	07	4		\sqcap	1-1	71					_		1	又	∇										<u> </u>	_					\perp	_ _	
569 - Wath	08	3	₩	17	11	1		_			V			X	X																	<u> </u>	
588 -Water 589 - Water 581 - 10	Ø 17	1	ΪV	4	\top	<u> </u>			X		1			X	∇																		
382-5	18	† i			17			\top	∇	1	$\overline{\mathbb{V}}$														<u></u>							_L_	
TAT	Special Ha	ndling	1			S	PEC	IAL [DÉTE	€CT	ON L	IMITS								IARK	S												
						i						•	•						ta	y ,													
Priority (24 hr)	GTEL Contact					1																											
	Confirmation #																	_	T - E	Use	O-1		u					Sic	rage	Loc	aline		
7 Business Days Other Standard TAT	PO#	SPECIAL REPORTING REQUI									HEQUIF	(EME	NIS	•				CHO	USO		0						510	_					
Business Days	QA / QC LEVEL																											(O	γF	S		
BLUE CLP	OTHER TYP					_	AX D	√1'											Wor	k Or	der i	y (5 <u>C</u>)3	0	3	21	İ				
BLUE ZI OLF ZI	Religiquished by Samply			_		<u> </u>	<u> </u>	₹					Date		-	Tin	18			eived													
	Mich] Mi	11	<u>.</u>				•				3	12	4	1	5:4	4																
	Relinquished by:	w	1	<u> </u>									Date			Tin		7	Rec	eived	by:												
CUSTODY	,											1																					
RECORD	Relinquished by:	ed by:											Date			Tin	ne		Rec	elved	by	Ľabo	oralo	ry:	/v-	7							
													1.		۱,		45"			10	in	ئ	M	. /		/							
												16	4	,		73		Way	/bill /														

7

	GTEL	4080 CON (510)	PIK ICOI 68	(E LA RD, C 5-785	NE, S A 94!	SUIT 520	EC			••••			CI	HAI ND	IN-C AN	OF-(CU: YSI	STC IS R	DY EQ	RE UE:	CO ST	RD		- [§]	28	34				en)	2	5	
	Company Address:	thuy, Conce	Photo FAX Site Client (NAI	me #: // #: locatio mt Proje mpler Ni ME) C	n: 2 . ect ID:	(#)	IV.	UCI AX tetheser	od ved	Ŗ		pling	BTEX/602 □ 8020 □ with MTBE□	BTEX/Gas Hydrocarbons PID/FIDX with MTBE	Hydrocarbons GC/FID Gas □ Diesel □ ScreenX	Hydrocarbon Profile (SIMDIS) □	Oil and Grease 413.1 🗆 413.2 🗀 SM 503 🗀	TPH/IR 418.1 □ SM 503 □	ED8 by 504 □ D8CP by 504 □	EPA 503.1 🗇 EPA 502.2 [EPA 601 C EPA 8010 C	ETA BOX CI ETA BOX CI	C U NBS (+15) C	□ NBS (+25) □		i	ő	D TAL CI RCPA CI		0.7 🗆 7420 🗇 7421 🗀 6010 🗇		Corresmity Plash Point Reactmity	
LAARCO® Business Forms - As	SB2-10 SB3-5 SB3-10 SB3-10 SB3-16 SB4-10 SB5-5 SB5-10 SB7-5 SB7-5 SB7-5	19 20 21 22 23 24 25 26 29 30 Special H			AIR				X V	3	23	MITS	п	X		ŠŤ .	ō			MAR.							1		0		0		
	Priority (24 hr) Expedited (48 hr) 7 Business Days Other Did GON TAT Business Days CLP	QTEL Contact Quote/Contract # Confirmation # PO # QA / QC LEVEL OTHER Relinguished by Samp				-		CIAL.				REQUIR	Date	9			me 44		Wo	rk O	rder	#		50	23	3 <i>0</i>	2.3			7 Z		on:	 5
eur.	CUSTODY RECORD	Relinquished by:			<u>₩</u>								Date 3/2	e •		Ti	me L/		Re	ceive	ed by	اولا	orati	ory:	/~n ·	/	- - レ/	フ					

GTEL	408 CON (510 (800) PIK	E L/ RD, (ANE, CA 9	SUI 4520	TE)	C					C	HA. ND	IN-G AN	OF- IAL	CU: YSI	STC S F	DDY REQ	RE UE:	ECO ST	RD		<u> </u>			16				1/2) 	
Company Name:	(800	Phor	18 #:(13 510)	611	- 2;	3 <i>8</i> T				-			X										\$1.55		۵		F- 14				4
Company Address: See attached		FAX Site	#: locati	ion:			-, -						rith MTBE C	ScreenX		203			ł			15 C) (21	 		ncides 🗆	Pest D #	D PCRA	0.00	2	tivity ()		7
Project Manager:		Clier (NA)		ject II	D; (#)							with MTBE C	FICK	Diesel 🖸	0	2 🖂 SM 503						NBS (+	NBS (+		s 🗆 Herb	P-VOA [전 [전	֧֧֧֧֧֧֚֚֚֚֚֚֚֚֚֡֝֟֝֝֝֝֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝	7	Bag	•	1/2
I attest that the proper field se procedures were used during of these samples.	mpling the collection	Sam	gler I		(Print		<u>.[</u>	3/	χŢ	EK	>		1 10	Hydrocarbons GC/FID Gas □	Hydrocarbon Profile (SIMDIS) □	Oil and Grease 413.1 □ 413.2 □	TPH/IR 418.1 □ SM 503 □	EDB by 504 C DBCP by 504 C	EPA 503.1 □ EPA 502.2 [B010 E		EPA 604 U SUSU U PUS UIII U U U PPA 624/PPL □ 8240/TAL □ NBS (+15)	EPA 625/PPL C 8270/TAL C NBS (+25) C	_ 	EP TOX Metals □ Pesticides □ Herbicides □	TCLP Metals C VOA C Semi-VOA C Pest	EPA Metals - Priority Pollutarit 🗆 TAL 🗀 RCRA 🗁	CAM Metals TRC STLC D	Cead ZN2 Cl ZN2.7 Cl 74.0 Cl 74.21 Cl 60.10 Cl	Flash Point Reactivity		
Field	GTEL Lab #	Containers	 	Matri			Met Prese	erve	_,_	Sar	npling		is Hyaro	bons GC	bon Pro	rease 4	118.1 □	8 0 0		C EPA	1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		1 1948	EPA 610 □ 8310 □	Metals	letals 🗆	rtats - Pr	etals TT	Organic Lead	Ü €		
Sample ID	Lab # (Lab use only)	# Conti	WATER	AIR	PRODUCT	Ë	H,SO.	ICE	O'THER (SPECIFY)		TIME	BTEX/602	BTEXG	Hydrocar	Hydrocar	Oil and (TPH///R	EDB by	EPA 503	EPA 601 C EPA 8010 C	FPA BUZ LI EPA BUZO LI	EPA 624	EPA 62	EPA 61	EP TOX	TC:P N	EPA M	3	Consult Consults	Corrosivity [
588-5	31	1	X	1	\prod		_			3/23	-			X	-	-		-			-		╁	╢	$\left \cdot \right $		-	+	1	上		
, <u>SBB - 10</u>	32	1-	╀╌╂		+	 - 		┝╌┼╴	- -		1	\dashv	12	┢	╁┈	-		\neg	7		- -							\prod				,
569-5	33	+-	╁╫	+	+	╁╼╁	+	- -	 	1	 	- -	\forall	\mathbf{X}	-	-											\perp			<u> </u>		
589 ~ 10	<u>34</u> 27	1	╁╫	╅┪	++-	† †	十	- -	-	3/3	4-		1		T								_L				_		_\-	\perp	_	j
50%-5		十六	╁╢	++	++	1-1		<u> </u>	H^{-}	1			X	\sqrt{X}						_ .	_ _	_ _		_	<u> </u>		_		_ _			
SB6-10 SB17-5	<u>28</u> 47	11	╁╢	++	 	11	1												_		_ _	_ _	\perp	<u> </u>	↓	_		4	_ -	-	ļ	-
3812 NOV	1000	大	オ	杧	坏	U	J	ト	K	V	Δ	<u>-</u> √		力	亼	<u>.</u>						_ -	- -	┼-							 -	-
5814-5	43	1							厂	Ц.				_	<u> </u>	1	_		_		- -		+	-	╂—	-		\dashv		+		
5614-10	44	i			\coprod	Ш			<u> </u>	W.	1		X	$\Delta \Sigma$	4_		L_{Γ}	HEN.		KS I		_1-		_L.	.]	Ш	1		J	l	1	L
TAT	Special I	landlir	1g			SP	PECIA	L DE	TEC	TION	LIMITS							1121	17	110												
Priority (24 hr)	GTEL Contact																															
	Quote/Contract #																															
Expedited (48 hr) 7 Business Days	Confirmation #					SF	ECIA	LRE	POR	TING	REQUI	REM	ENT	S				Lab	Use	On	y Lo	1 #					Sto	rege	Loci	ation:		
Other Standard Business Days	PO #																												2	α	- 5	:
Dodanies Dajo	QA / QC LEVEL	·																				_	<u> </u>	つコ		30	\sim	,		٠.	_	,
BLUE CLP	OTHER					F#	×Χ					Da	.] -		Ti	me		Wor	k O	rder	# :	<u>_</u>			<u>, </u>	<u> </u>						
	Relinquished by Sami	er:		•								-	zh	/ 1		4	7	,														
,	Midget 1	al	Kl	1							-	Đá	¥4			. 7 ime	اد	Rec	eive	ed by	 ':											
CUSTODY	Relinquisted by:												•	1																_		
CUSTODY RECORD	Relinquished by:											Da	te		T	ime	_	Rec	eive	ed.by	Lal	orat	ory:	,								
LECOND	Lightidolance of											21	7	1		. /	,.		M	a	16	٠	m	./	ン							
3												2/	14	-	>	1	<i>!</i>	Wa	y - C vbill					-								

15 11 11 11

1

CTEI	4086 CON (510) PIK	(E l	-ANE	E, SU	JITE	E C							Uh AΛ	IAI. VD	IV-C	ر AL	υυ. YS:	s i (IS F	REC	ÜE	ST	//1L	,		í	26	34	13	4			4	1)	ı.	
GTEL ENVIRONMENTAL AND AND AND AND AND AND AND AND AND AND	(510 (800) 42:	3-/1	ا (43											ı		ı	1	. I		ı	1		ı	ı	į I							ix ad		ا زار ا	1	
Company Name:		Phor	ne#:	(51	9	67	-	2^{3}	8-	7					İ	v								1					۵	Ì						1	
GTL	111	FAX	#;													ScreenX				1			١		ļ				TCLP Metals □ VOA □ Semi-VOA □ Pest □ Herb	- Priority Pollutant 🗆 TAL 🗆 RCRA 🗅	- }	اه					
Company Address:		Site	loca	tion:											with MTBE	\ <u>\</u>	1	0		- 1		-						8	밊	띭	ı	影	1	Reactivity		7	11
Suattache	A	_													Ath	믜		53			-				15)	ST.	- 1	힣	4	믺]	ě١	į	18			
Project Manager:		Clie	nt Pi	roject	ID: (#)								崩		Diesel		SM			-				ဗ္ဗ	ပ္ထ	-		3	취	Ì	75	-	\$		4	7
		(NA	ME)											with MTBE	PIO/FIDA		0 (6	12.		Ō			-	only []	Ž D	Z	l	× .	죕	Ħ	Ö	밁		o		7	;
I attest that the proper field sa	mpling	Sam	pler		e (Prir		- '	\supset	, _A	() 	<u></u>	>		3	S PI	şas	MOIS	1413	0	× 55	ا ۱۵	пi	п	<u>ā</u>	IA.	¥	I	ğ	3	3	틹	2		Plash Point		`	4
procedures were used during of these samples.	the collection	B	$\mathcal{L}_{\mathbf{J}}$	()(5E)/t	<u> </u>	EK	_		8020	υ OΩ,	ě	S) a		8	8	8	8	82	띩	240	23	пl	8	뒮	₽		빔	- {	ង្គ		l	
Of these samples.		5		Mat	rix		M	leth esei	od	4	Sa	mp	oling	88	BTEX/Gas Hydrocarbons	Hydrocarbons GC/FID Gas □	Hydrocarbon Profile (SIMDIS) □	Oil and Grease 413.1 413.2 SM	TPH/IR 418.1 [] SM 503 []	EDB by 504 C DBCP by 504	EPA 503.1 C EPA 502.2 (EPA 601 □ EPA 8010 □	EPA 602 🗆 EPA 8020 🗅	EPA 608 □ 8080 □ PC8	EPA 624/PPL 🗆 8240/TAL 🗅 NBS (+15) 🗅	ö	EPA 610 □ 8310 □	EP TOX Metals 🗆 Pesticides 🗅 Herbicides 🗅	٥	£	□ S∏C □	Lead 239.2 🗆 200.7 🗀 7420 🗆 7421 🗀 6010 🗀	힐	- 1			
Field	GTEL Lab #	Containers		1-1	1. 1	-	1 T	8561		7		<u> </u>	-		Ţ	Sus	ğ	ig as	18.1	2	ō			ő		ם	اۃ	¥et	х	i i	8	2	Organic Lead	Corrosivity 🗆]		
Sample	Lab #	onta	gg		띩힐	<u>.</u>			7	ع ا				7,602	CGa	ocart	gar	g	큐.	à	8	8	802	8	624	83	8	ĕ	1 L	EPA Metaks	CAM Merals	8	훒	1		j	
, ID	(Lab use only)	ن *	/ATE	ਰੂ ਵ	PRODUC	# <u>;</u>	NH NH	H,50,	ICE UNPRESERVED	SPECIFY	XATE		i. Mir	BTEX/602 □	BTE)	Hyd.	Ť	18	正	8	EPA	P.	ΕĐ	찚	EPA	Ð.	d d	ш	티	EP/	3	3	ફ્રી	উ			
		+ ;-	5	<u>√</u> N	S LE L	기 -	┤╧┤		= =	100	3/24				$\bar{\nabla}$	$\overline{\times}$		 -	Г					コ													
5816-5	46	++	+	ᠰ┤	╁┼	╁	+		┪-	+	14	+	 -	╁╼╬	$\stackrel{\circ}{\nabla}$	\Rightarrow	-	\vdash	l				\neg														
5910 - 5	(35) 36	+	H	╂┼┤	╂	╁	╁┤	-		+	11-	+					1	 	Ī]	
5810-10.		+;	╫	╂┼┤	-		1-1			+	1	_		$\dagger \exists \dagger$	X	X	_																				
5A15 -5	45		V	*	┪┪	Τx	┪╾		大	7	11	十			X	X			1																.		
5817- Nath	16	4	 		┪┩	- 1				\parallel	-	7			$\stackrel{\triangleright}{\nabla}$	X		Π	1				_														ŀ
SBIG- Walter	15	4			$\dashv +$	+-	 -	\vdash		 -	十	-		1-1	汶	文	1	1	$ extstyle \top$								İ										
5015 - Wall	13	4				+	╢╴	-	+	#	╢ ̄	_	 -		X	ΙX	_		1															_			-
SBI4-Water	05	4			- -	+	-	1-1	\dashv	#	 	寸		\Box	X	X		1								_	_				<u> </u>		_	_			
3BG-Water	09	14			- -		T	1-1	٦,		∇	7			X	X										<u> </u>	<u> </u>	<u>L</u>		<u> </u>			_			!	L.
SBIO-Water	Special F			لسلنا		Τ'ξ	PEC	CIAL	DE	TEC	TION	LIN	MITS				Τ-		1	RE	MAF	IKS															
_						1																															
Priority (24 hr)	GTEL Contact															÷																					
Expedited (48 hr)	Quote/Centract #																			1 -1		- 0-	do a l	- H						Si	DEAC	a l c	ocati	on:			
7 Business Days Other Mandard	PO#					1	SPE	CIÁL	RE	POR	ITING	RE	EQUIR	EME	NTS	3				Lat) US	e Or	ııy ∟	.01#						Ů.							
Business Days						4													l													4	0	F	5		
J	QA / QC LEVEL	_				ļ		_												18in	م باد	order	ш	\mathcal{C}	5	0	3	0	マ	O	1						
BLUE CLP	OTHER	/)					AX	<u> </u>						Date			Ti	me	┰┼			ed b							سكست								-
	Refinquished by Samp		,ıL	es.	,								12	24	_	1		. 4	12	_																	
	V/LICETY	a	40	ez	_	_							-1-4	Date				—1 me	쒸	Re	celv	ed b	y:												-		
CUSTODY	Relinquished by:		1										'			1																					_
RECORD	Relinquished by:		_					_						Date	,	۰	Ti	me	_	Re	ceiv	ed b	y La	bor	alor	y:											
LIFOOLD	Houndanes pl.												10	1.			و					Zu	, <u>L</u>	<u>.</u>	/ •)										
	,												- 5	2/2	4	-	٠	L1	וני	Wa	eybil																

	GTEL	4080 CON (510)	PIKE LANE, SU CORD, CA 9452 685-7852 423-7143	ITE C 0		CH AN	AIN- ID AI	OF- NAL	CUS YSI	TOI S RE	DY F COUI	IEC EST	ORI	D		ر افزدی افزدی	8 <i>i</i> •≈•••		U Ciri		er sati		5	と大
	LABORATORIES, INC						4) (1) 	1 1	1	1	; !		橡	M	*		10			4
	Company Name: Company Address: Sultation Project Manager: I attest that the proper field sa procedures were used during of these samples.	mpling	Phone #: FAX #: Site location: Client Project ID: (# (NAME) Sampler Name (Prin	": BAXTER		8020 □ with MTBE □	BTEX/Gas Hydrocarbons PiD/FIDX with MTBE ☐ Hydrocarbons GC/FID Gas ☐ Diesel ☐ Screen X		Oil and Grease 413.1 □ 413.2 □ SM 503 □	SM 503 C	24 502.2 L:	1 8010 🗆	\ 8020 □	0 ☐ PCB only ☐	EPA 624/PPL □ 8240/TAL □ NBS (+15) □	EPA 610 © 8310 ©	EP TOX Metals □ Pesticides □ Herbicides □	AS CON CO Semi-VOA CO Pest CO Herb CO	- Priority Politonet CI TAL CI RCRA CI	អ ហេខ០ ទាល់ចំ	Leed 239.2 C 200.7 C 7420 C 7421 C 6010 C		Flash Point C Reactivity C	J. 111
.	Field Sample ID	GTEL Lab # (Lab use only)	# Containers WATER SOIL AIR SILUDGE PRODUCT	HUO, H-CI H-NO, H-SO, ICE WHITESERVED DATE DATE	Pling	BTEX/602 □ 8	BTEX/Gas Hydrocarbons PID/ Hydrocarbons GC/FID Gas □	Hydrocarbon Profile (SIMDIS) □	Oil and Grease	TPH/IR 418.1 CI SM 503 CI	EPA 503.1 □ EPA 502.2 L	EPA 601 □ EPA 8010 □	EPA 602 🗆 EPA 8020 🗅	EPA 608 □ 8090 □ PCB	EPA 624/PPL	EPA 630 C) 8310 C	EP TOX Metals	TOP Media		CANTANAS	Land 239.2 🗆 2	LJ	Correspondy	
UAPCO® Business Forms - Ra	5B11-5 5B11-10 5B12-5 5B13-5 5B13-10 5B11-Water 5B11-Water 5B13-Water	37 38 39 40 41 42 10 11	1	X X X V																**	19	10 P		
	Priority (24 hr) Expedited (48 hr) 7 Business Days Other TUMAN	Special He Special He GTEL Contact Quote/Contract # Confirmation # PO #	·	SPECIAL REPORTING I		L I	, XI Z	<u></u>	<u> </u>	L	EMAI	se Oi									_	catio	on:	Diq.
zour*	CUSTODY RECORD	OTHER	Payler	FAX	3	Date		Tir 5.4 Tir Tir	TIE TIE) F	Vork (Received Received red b	y: y La	pora	Nory:	03 	<u>sc</u> 	<u>, 3</u>			-				