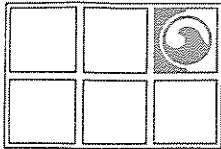


RECEIVED

JAN 14 1991

Environmental



**GROUNDWATER
TECHNOLOGY, INC.**

1401 Halyard Drive, Suite 140, West Sacramento, CA 95691, (916) 372-4700

FAX (916) 372-8781

January 8, 1991

Project No. 202/899-7055

Mr. Van Hartnitt
Greyhound Lines, Inc.
901 Main St., Suite 2425
Dallas, TX 75202

**RE: SOIL SAMPLE COLLECTION
FORMER GREYHOUND MAINTENANCE FACILITY
70 ALMADEN AVENUE, SAN JOSE, CALIFORNIA**

Dear Mr. Hartnitt:

This report is presented by Groundwater Technology, Inc. to document the results of field and analytical services conducted at the above-referenced site on December 12, 1990 (Figure 1, Attachment A). The work included the collection of soil samples during the excavation of an underground diesel storage tank, and subsequent submittal of the samples for laboratory analysis.

On December 12, 1990, a Groundwater Technology geologist collected soil samples during the excavation and removal of a 15,000-gallon diesel storage tank and associated piping (Figure 2, Attachment A). Three soil samples (SS-1, 2 and 3) were collected at twenty foot intervals along the product delivery trench located between the former tank and dispenser. The samples were collected from a depth of approximately 18-inches using a hand-driven impact sampler equipped with 2-inch diameter by 6-inch long brass sample tubes.

Grab samples (SS-4, 5, and 6) were retrieved using an excavator bucket, from native material (dark-grey clays) under the ends and center of the tank. The material was collected from an approximate depth of 18-feet. All sample locations were approved by an on-site representative of the City of San Jose Fire Department. After each sample was collected, it was field screened for volatile hydrocarbons using a portable Photoionization Detector (PID). All samples screened were nondetectable for volatile hydrocarbons. After screening each sample tube was then sealed with foil and protective caps, labeled, and preserved on ice. The samples were then submitted under chain-of-custody manifest to Groundwater Technology Environmental Laboratories (GTEL) for subsequent analysis.

The results of the laboratory analyses are presented in Table I, Attachment B. The corresponding laboratory reports and chain-of-custody manifests are presented in Attachment C. Each sample was analyzed for benzene, toluene, ethylbenzenes, xylenes (BTEX) by modified EPA Method 5030/8020, and for total petroleum hydrocarbons as diesel (TPH-D) by Modified EPA Method 3550/8015.

Mr. Van Hartnitt
202/899-7055


January 8, 1991
Page 2

Samples SS-1, 3, 4, 5, and 6 were below laboratory method detection limits for all constituents analyzed. Analysis of sample SS-2 revealed a trace of xylenes at 0.03 parts per million (ppm). The remaining constituents analyzed from SS-2 were below detection limits.

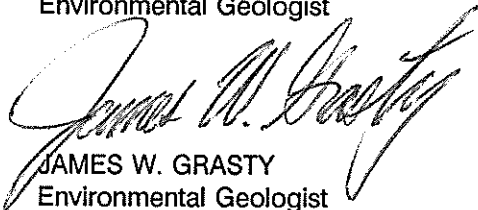
Groundwater Technology, Inc. is pleased to have been of service at this facility. If you should have any questions regarding this subject please contact our West Sacramento District office.

Sincerely,

GROUNDWATER TECHNOLOGY, INC.



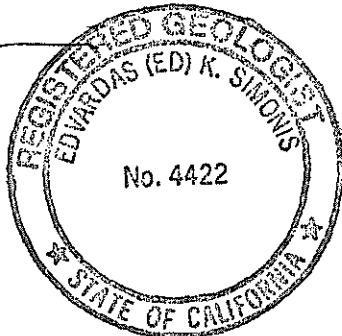
BRUCE H. EPPLER
Environmental Geologist



JAMES W. GRASTY
Environmental Geologist
Project Manager



E. K. SIMONIS
California Registered
Geologist No. 4422

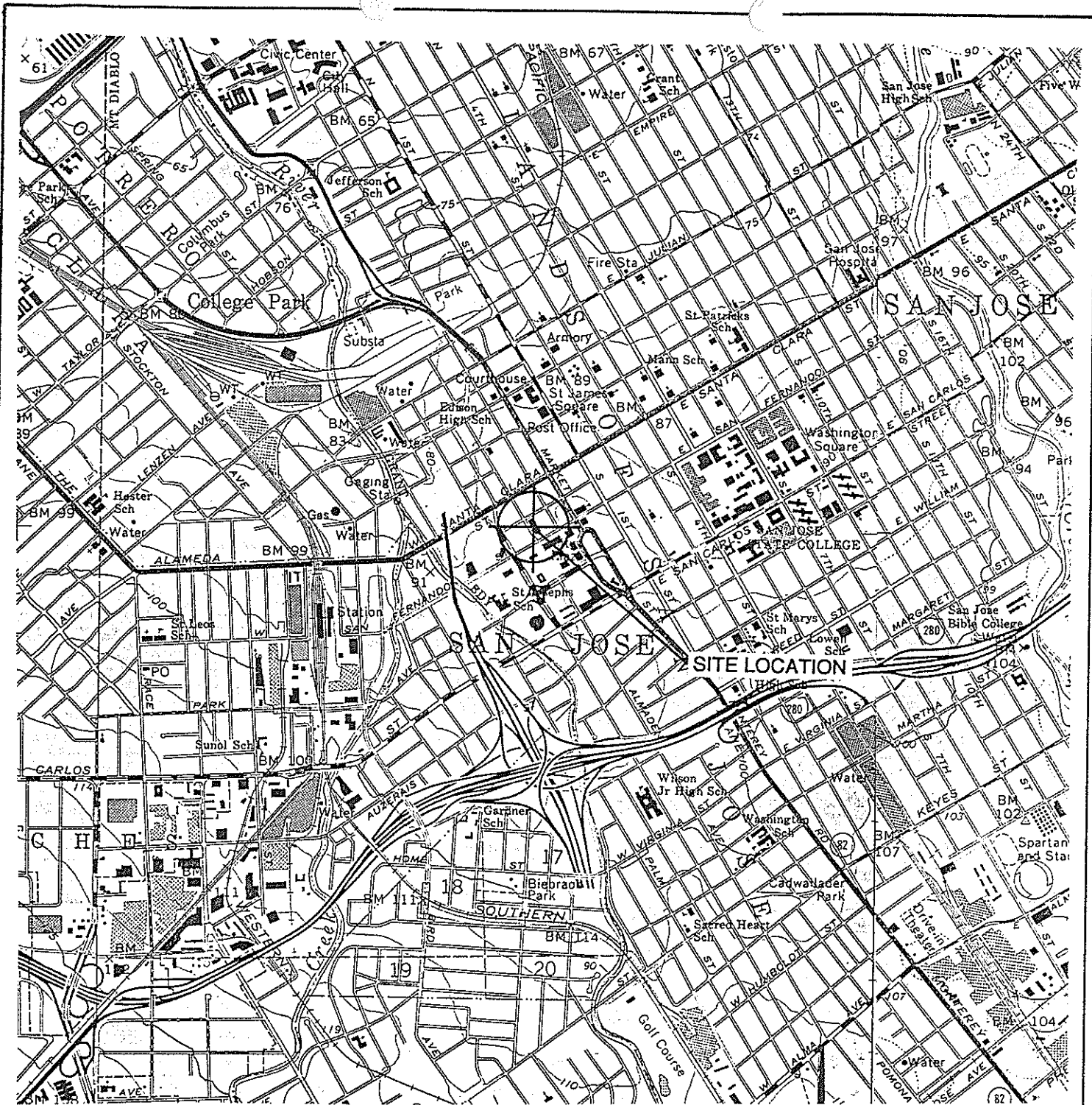


BHE/JWG/EKS:rc

Attachments

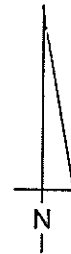
ATTACHMENT A

FIGURES

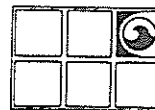


U.S.G.S. 7.5 MIN. SAN JOSE WEST, CA. AND
SAN JOSE EAST, CA. QUADRANGLES

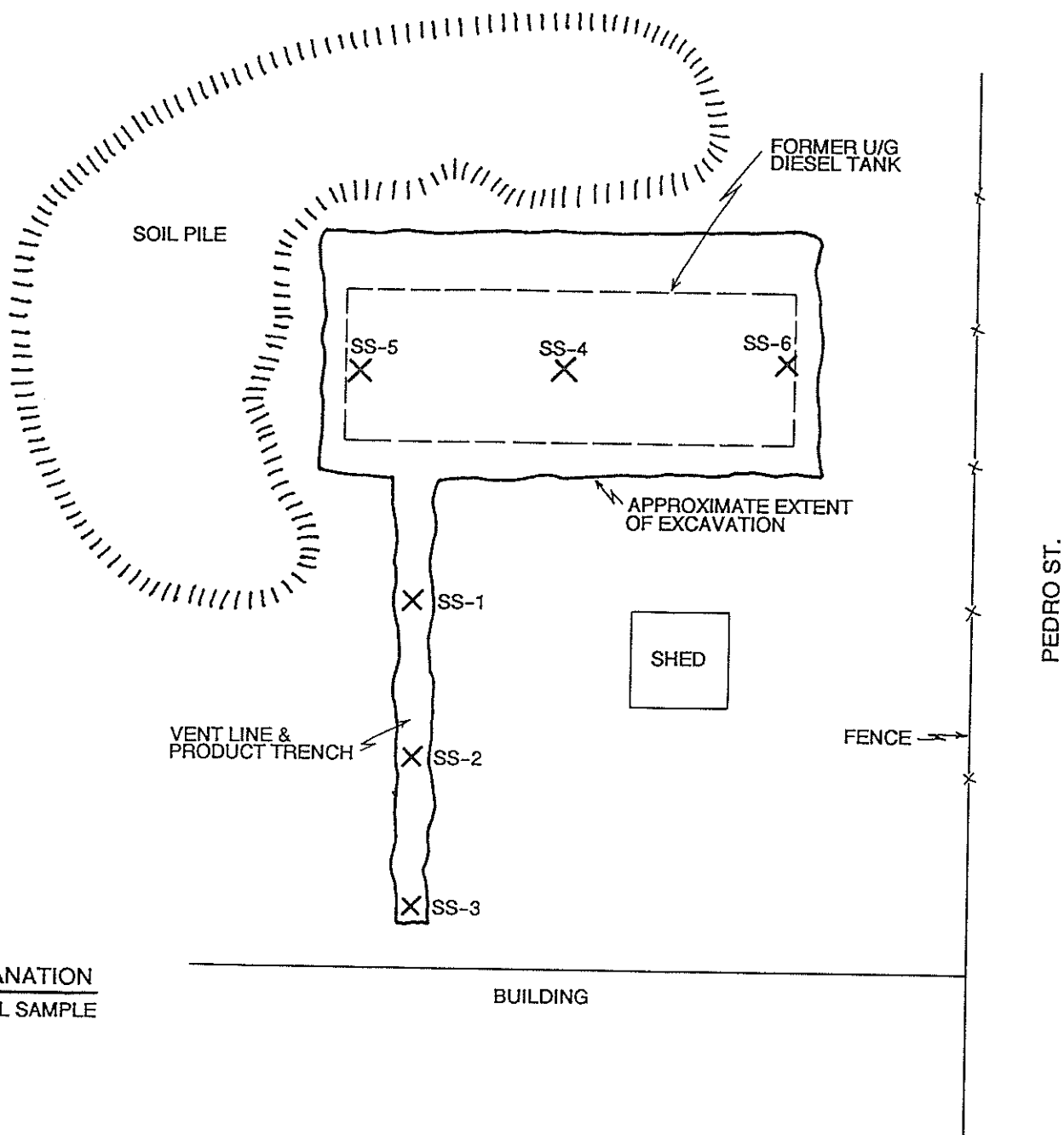
FIGURE 1
SITE LOCATION MAP



202/899-7055
GREYHOUND
70 ALMADEN AVE.
SAN JOSE, CA. 1/3/91



GROUNDWATER
TECHNOLOGY, INC.



EXPLANATION
 X SOIL SAMPLE

FIGURE 2
SITE SKETCH

ATTACHMENT B

TABLES

TABLE 1
SOIL SAMPLE ANALYSES SUMMARY
(in parts per million)
December 12, 1990

SAMPLE I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TPH-D
SS-1	<.005	<.005	<.005	<.015	<10
SS-2	<.005	<.005	<.005	0.03	<10
SS-3	<.005	<.005	<.005	<.015	<10
SS-4	<.005	<.005	<.005	<.015	<10
SS-5	<.005	<.005	<.005	<.015	<10
SS-6	<.005	<.005	<.005	<.015	<10

EXPLANATION

TPH-D = Total Petroleum Hydrocarbons-as-Diesel
Note: Value to the right of "<" sign indicates method detection limit

ATTACHMENT C

LABORATORY RESULTS AND CHAIN-OF-CUSTODY MANIFEST



Client Number: 202-899-7055.
Project ID: San Jose, CA
Work Order Number: CO-12-328

December 15, 1990

Northwest Region

4080 Pike Lane
Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

Jim Grasty

Groundwater Technology, Inc.

1401 Halyard Dr., Ste. 140

West Sacramento, CA 95691

Enclosed please find the analytical results report prepared by GTEL for samples received on 12/13/90, under chain of custody number 72-5128.

GTEL is certified by the California State Department of Health Services to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

A formal quality control/quality assurance program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project was performed in strict adherence to our QA/QC program to ensure sample integrity and to meet quality control criteria.

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.

Emma P. Popek
Laboratory Director

Table 1
ANALYTICAL RESULTS
 Aromatic Volatile Organics in Soil
 EPA Methods 5030 and 8020^a

GTEL Sample Number		01	02	03	04
Client Identification		SS 1	SS 2	SS 3	SS 4
Date Sampled		12/12/90	12/12/90	12/12/90	12/12/90
Date Extracted		12/13/90	12/13/90	12/13/90	12/13/90
Date Analyzed		12/13/90	12/13/90	12/13/90	12/13/90
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	0.03	<0.015	<0.015
BTEX, total	--	--	0.03	--	--
Detection Limit Multiplier		1	1	1	1

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

Table 1 (Continued)

ANALYTICAL RESULTS

Aromatic Volatile Organics in Soil

EPA Methods 5030 and 8020^a

GTEL Sample Number		05	06		
Client Identification		SS 5	SS 6		
Date Sampled		12/12/90	12/12/90		
Date Extracted		12/13/90	12/13/90		
Date Analyzed		12/13/90	12/13/90		
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	--	--	--		
Detection Limit Multiplier		1	1		

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



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Northwest Region

4080 Pike Lane
Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

Client Number: 202-899-7055.
Project ID: San Jose, CA
Work Order Number: CO-12-329

December 14, 1990

Jim Grasty
Groundwater Technology, Inc.
1401 Halyard Dr., Ste.140
West Sacramento, CA 95691

Enclosed please find the analytical results report prepared by GTEL for samples received on 12/13/90, under chain of custody number 72-5128.

GTEL is certified by the California State Department of Health Services to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

A formal quality control/quality assurance program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project was performed in strict adherence to our QA/QC program to ensure sample integrity and to meet quality control criteria.

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.

Emma P. Popek
Laboratory Director

Table 1
ANALYTICAL RESULTS

Total Petroleum Hydrocarbons as Diesel 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.

GTEL Sample Number		01	02	03	04
Client Identification		SS 1	SS 2	SS 3	SS 4
Date Sampled		12/12/90	12/12/90	12/12/90	12/12/90
Date Extracted		12/13/90	12/13/90	12/13/90	12/13/90
Date Analyzed		12/13/90	12/13/90	12/13/90	12/13/90
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel	10	<10	<10	<10	<10
Detection Limit Multiplier		1	1	1	1

GTEL Sample Number		05	06		
Client Identification		SS 5	SS 6		
Date Sampled		12/12/90	12/12/90		
Date Extracted		12/13/90	12/13/90		
Date Analyzed		12/13/90	12/13/90		
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel	10	<10	<10		
Detection Limit Multiplier		1	1		



4080- Pike Lane
Concord, CA 94520
415-685-7852

800-544-3422 (In CA)
800-423-7143 (Outside CA)

Project Manager:

JIM GAZREY
Address:

Phone # (916) 372-4700
FAX # (916) 372-8781
Site location:

1401 HAYWARD DR. SUITE 140 SAN JOSE, CA
Project Number: WEST SACRAMENTO, IA Project Name:

202/897-7055 SAN JOSE / GIZEX HOUND
I attest that the proper field sampling
procedures were used during the collection
of these samples. BRUCE EPLER

Field Sample ID	Source of Sample	GTEL Lab # (Lab use only)	# CONTAINERS	Matrix			Method Preserved			Sampling						
				WATER	SOIL	AIR	SLUDGE	OTHER	HCl	HNO ₃	H ₂ SO ₄	ICE	NONE	OTHER	DATE	TIME
SS1	TRENCH	611	1	X												
SS2	"	612	1	X												
SS3	"	613	1	X												
SS4	TANK AT	614	1	X												
SS5	"	615	1	X												
SS6	"	616	1	X												

CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST 72-5128

ANALYSIS REQUEST

BTEX 602	<input checked="" type="checkbox"/>	8020	<input type="checkbox"/>	with MTBE
BTEX/TPH Gas	<input checked="" type="checkbox"/>	602/8015	<input checked="" type="checkbox"/>	8020/8015
TPH as Gas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TPH as Diesel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TPH as Jet Fuel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Product I.D. by GC (SIMDIS)	<input type="checkbox"/>			
Total Oil & Grease	<input type="checkbox"/>	413.1	<input type="checkbox"/>	413.2
503A	<input type="checkbox"/>		<input type="checkbox"/>	503A
503E	<input type="checkbox"/>		<input type="checkbox"/>	503E
EPA 601	<input type="checkbox"/>	8010	<input type="checkbox"/>	DCA only
EPA 602	<input type="checkbox"/>	8020	<input type="checkbox"/>	
EPA 608	<input type="checkbox"/>	8080	<input type="checkbox"/>	PCBs only
EPA 610	<input type="checkbox"/>	8310	<input type="checkbox"/>	
EPA 624	<input type="checkbox"/>	8240	<input type="checkbox"/>	NBS +15
EPA 625	<input type="checkbox"/>	8270	<input type="checkbox"/>	NBS +25
EPTOX: Metals	<input type="checkbox"/>		<input type="checkbox"/>	Pesticides
Herbicides	<input type="checkbox"/>		<input type="checkbox"/>	
TCLP Metals	<input type="checkbox"/>		<input type="checkbox"/>	VOA
Semi VOA	<input type="checkbox"/>		<input type="checkbox"/>	
EPA Priority Pollutant Metals	<input type="checkbox"/>		<input type="checkbox"/>	HSL
LEAD 7420	<input type="checkbox"/>	7421	<input type="checkbox"/>	239.2
6010	<input type="checkbox"/>		<input type="checkbox"/>	Org Lead
CAM Metals	<input type="checkbox"/>		<input type="checkbox"/>	STLC
TLC	<input type="checkbox"/>		<input type="checkbox"/>	
Corrosivity	<input type="checkbox"/>		<input type="checkbox"/>	Flashpoint
Reactivity	<input type="checkbox"/>		<input type="checkbox"/>	

REMARKS:
NEED FAX LAB FRIDAY AFTERNOON!
REPORTS 12/14/90

Lab Use Only Storage Location
Lot #: Work Order #:

SPECIAL DETECTION LIMITS (Specify)

SPECIAL REPORTING REQUIREMENTS (Specify)

SPECIAL HANDLING

24 HOURS
EXPEDITED 48 Hours
SEVEN DAY
OTHER _____ (#) BUSINESS DAYS

OA/QC CLP Level Blue Level
FAX

Received by: <i>[Signature]</i> Date: 12/12/90 Time: <i>[Blank]</i>	Received by: <i>[Signature]</i> Date: 12/13/90 Time: 11:50	Received by: <i>[Signature]</i> Date: 12/13/90 Time: 11:50	Received by Laboratory: Date: 12/13/90 Time: 11:50
Relinquished by Sampler: <i>[Signature]</i>	Relinquished by: <i>[Signature]</i>	Relinquished by: <i>[Signature]</i>	Way bill # <i>2328</i>

CUSTODY RECORD