
ATTACHEMENT 2
(CHEMICAL ANALYSES RESULTS SUMMARIZED)

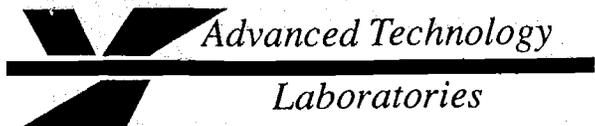
TABLE 1
Summary of Chemical Analyses Results for Soil Samples
Collected in Area of Underground Storage Tank Farm
at TADCO, 363 West 133rd Street, Los Angeles, CA

Sample ID	Sample Depth	Acetone	Benzene	Carbon Disulfide	E. Benzene 8240	2-Hexanone	Vinyl Acetate	Toluene	Xylenes
SS	--	ND	ND	ND	ND	ND	ND	ND	ND
NW	4	70	ND	ND	ND	ND	ND	ND	ND
T1E	13	380	ND	7.1	ND	ND	ND	ND	ND
T1W	13	220	9.6	ND	ND	ND	ND	ND	ND
T2E	13	7,670	14	ND	ND	55	7.3	ND	ND
T2W	13	200	ND	ND	ND	ND	ND	ND	ND
T3E	13	1,030	ND	6.8	ND	ND	ND	ND	ND
T3W	13	3,400	ND	22	16	ND	13	10	58

All values reported in parts per million (ppm) or milligrams per kilogram (mg/kg)
 ND = Not Detected (below detection limits)
 NA = Not Analyzed

ATTACHEMENT 3
(CAL-EPA CERTIFIED LABORATORY RESULTS AND CHAIN-OF-CUSTODY)

B0642



July 11, 1996

ELAP No.: 1838

Aqua Science Engineers, Inc.
17895 Sky Park Circle, Suite E
Irvine, CA 92714

ATTN: Mr. Scott Rowlands

Client's Project #: TADCO-363 W. 133rd, 2992
Lab No.: 12033-001/008

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories on and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (310) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read 'Edgar P. Caballero', is written over a horizontal line.

Edgar P. Caballero
Laboratory Director
EPC\ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

B0643

Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 310 989-4045 Fax: 310 989-4040

Client: Aqua Science Engineers, Inc.
 Attn: Mr. Scott Rowlands

Client's Project: TADCO-363 W. 133rd, 2992
 Date Received: 07/03/96
 Matrix: Soil
 Units: ug/kg

EPA Method 8240

Lab No.:	Method Blank	12033-001	12033-002	12033-003	12033-004	12033-005	12033-006	12033-007									
Client Sample I.D.:	--	SS 1	T1E-13'	NW-4'	T1W-13'	T2E-13'	T2W-13'	T3E-13'									
Date Sampled:	--	07/02/96	07/02/96	07/02/96	07/02/96	07/02/96	07/02/96	07/02/96									
QC Batch #:	96VOCS2154	96VOCS2154	96VOCS2154	96VOCS2154	96VOCS2154	96VOCS2154	96VOCS2154	96VOCS2154									
Date Analyzed:	07/09/96	07/09/96	07/09/96	07/09/96	07/09/96	07/09/96	07/09/96	07/09/96									
Analyst Initials:	RR	RR	RR	RR	RR	RR	RR	RR									
Dilution Factor:	1	1	1	1	1	1	1	1									
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Chloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Bromomethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Trichlorofluoromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Acetone	50	50	ND	50	ND	50	380	50	70	50	220	2500	7670*	50	200	250	1030**
1,1-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon Disulfide	5	5	ND	5	ND	5	7.1	5	ND	5	ND	5	ND	5	ND	5	6.8
Methylene Chloride	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
trans-1,2-Dichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
1,1-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Chloroform	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Vinyl Acetate	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	7.3	5	ND	5	ND
2-Butanone	50	50	ND	50	ND	50	ND	50	ND	50	ND	50	50	50	ND	50	ND
1,1,1-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Carbon Tetrachloride	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Benzene	5	5	ND	5	ND	5	ND	5	ND	5	9.6	5	ND	5	14	5	ND
1,2-Dichloropropane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Trichloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Bromodichloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
2-Chloroethyl Vinyl Ether	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
cis-1,3-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
trans-1,3-Dichloropropene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2-Trichloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Dibromochloromethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Bromoform	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
4-Methyl-2-Pentanone	50	50	ND	50	ND	50	ND	50	ND	50	ND	50	50	50	ND	50	ND
Toluene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
2-Hexanone	50	50	ND	50	ND	50	ND	50	ND	50	ND	50	55	50	ND	50	ND
Tetrachloroethene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Chlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Xylene (Total)	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
Styrene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
1,3-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
1,4-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND
1,2-Dichlorobenzene	5	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND

Additional 8240 Analytes

Propylene Oxide	50	50	ND	50	ND	50	NA	50	NA	50	NA	2500	ND*	50	NA	50	NA
-----------------	----	----	----	----	----	----	----	----	----	----	----	------	-----	----	----	----	----

MDL = Method Detection Limit
 ND = Not Detected (Below DLR)
 DLR = MDL X Dilution Factor
 NA = Not Analyzed
 * = Dilution Factor is 50.
 ** = Dilution Factor is 5.

Reviewed/Approved By:


 Yun Pan
 Department Supervisor

Date:

7/12/96

B0644

The cover letter is an integral part of this analytical report.

Client: Aqua Science Engineers, Inc.
 Attn: Mr. Scott Rowlands

Client's Project: TADCO-363 W. 133rd, 2992
 Date Received: 07/03/96
 Matrix: Soil
 Units: ug/kg

EPA Method 8240

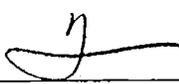
Lab No.:	12033-008
Client Sample I.D.:	T3W-13'
Date Sampled:	07/02/96
QC Batch #:	96VOCs2154
Date Analyzed:	07/09/96
Analyst Initials:	RR
Dilution Factor:	1

ANALYTE	MDL	DLR	Results
Chloromethane	5	5	ND
Vinyl Chloride	5	5	ND
Bromomethane	5	5	ND
Chloroethane	5	5	ND
Trichlorofluoromethane	5	5	ND
Acetone	50	1250	3400*
1,1-Dichloroethene	5	5	ND
Carbon Disulfide	5	5	22
Methylene Chloride	5	5	ND
trans-1,2-Dichloroethene	5	5	ND
1,1-Dichloroethane	5	5	ND
Chloroform	5	5	ND
1,2-Dichloroethane	5	5	ND
Vinyl Acetate	5	5	13
2-Butanone	50	50	ND
1,1,1-Trichloroethane	5	5	ND
Carbon Tetrachloride	5	5	ND
Benzene	5	5	ND
1,2-Dichloropropane	5	5	ND
Trichloroethene	5	5	ND
Bromodichloromethane	5	5	ND
2-Chloroethyl Vinyl Ether	5	5	ND
cis-1,3-Dichloropropene	5	5	ND
trans-1,3-Dichloropropene	5	5	ND
1,1,2-Trichloroethane	5	5	ND
Dibromochloromethane	5	5	ND
Bromoform	5	5	ND
4-Methyl-2-Pentanone	50	50	ND
Toluene	5	5	10
2-Hexanone	50	50	ND
Tetrachloroethene	5	5	ND
Chlorobenzene	5	5	ND
Ethylbenzene	5	5	16
Xylene (Total)	5	5	58
Styrene	5	5	ND
1,1,2,2-Tetrachloroethane	5	5	ND
1,3-Dichlorobenzene	5	5	ND
1,4-Dichlorobenzene	5	5	ND
1,2-Dichlorobenzene	5	5	ND

Additional 8240 Analytes

Propylene Oxide	50	1250	ND*
-----------------	----	------	-----

MDL = Method Detection Limit
 ND = Not Detected (Below DLR)
 DLR = MDL X Dilution Factor
 NA = Not Analyzed
 * = Dilution Factor is 25.

Reviewed/Approved By: 
 Yun Pan
 Department Supervisor

Date: 7/12/96

B0645

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL (ug/kg)

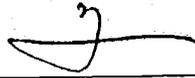
Method : C:\HPCHEM\1\METHODS\VOC35.M
 Title : Volatile Organic Compounds
 Last Update : Tue Jul 09 11:27:02 1996
 Response via : Continuing Calibration

Non-Spiked Sample: V8214.D

Spike Sample	Spike Duplicate Sample
File ID : VS8215.D	VS8216.D
Sample : 12033-003 50 ppb MS VOC SOIL	12033-003 50 ppb MSD VOC SOIL
Acq Time: 9 Jul 96 3:37 pm	9 Jul 96 4:11 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	50	61	60	123	119	3	23	37-166
benzene	ND	50	54	52	108	103	5	21	68-133
trichloroethene	ND	50	51	49	103	97	6	23	65-129
toluene	ND	50	52	50	104	99	5	21	74-136
chlorobenzene	ND	50	52	49	104	97	7	19	83-122

QC batch #: 96VOCS2154

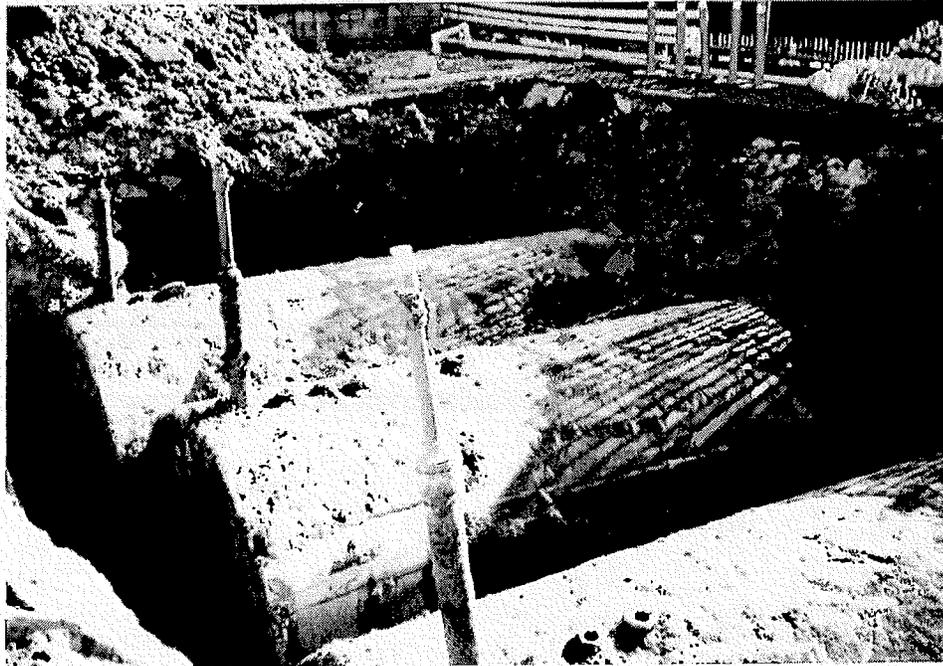
Reviewed and Approved by:  Date: 7/12/96
 Yun Pan
 Organics Supervisor

B0648

ATTACHEMENT 4
(PHOTOGRAPHIC DOCUMENTATION OF TANK REMOVAL)

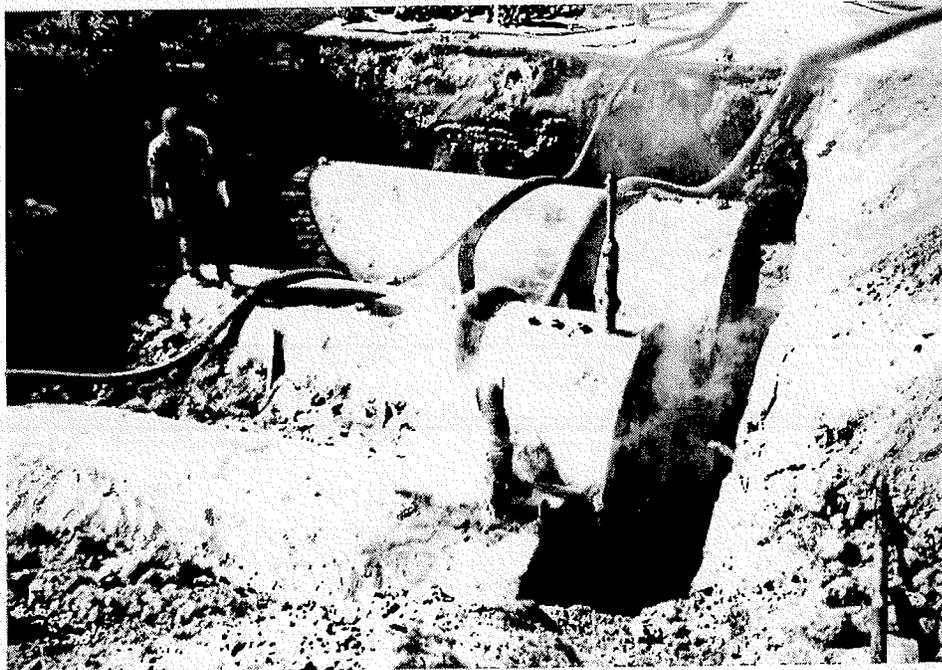
B0650

PHOTOGRAPHIC PLATE I
Showing Unearthed Underground Tanks In-Place

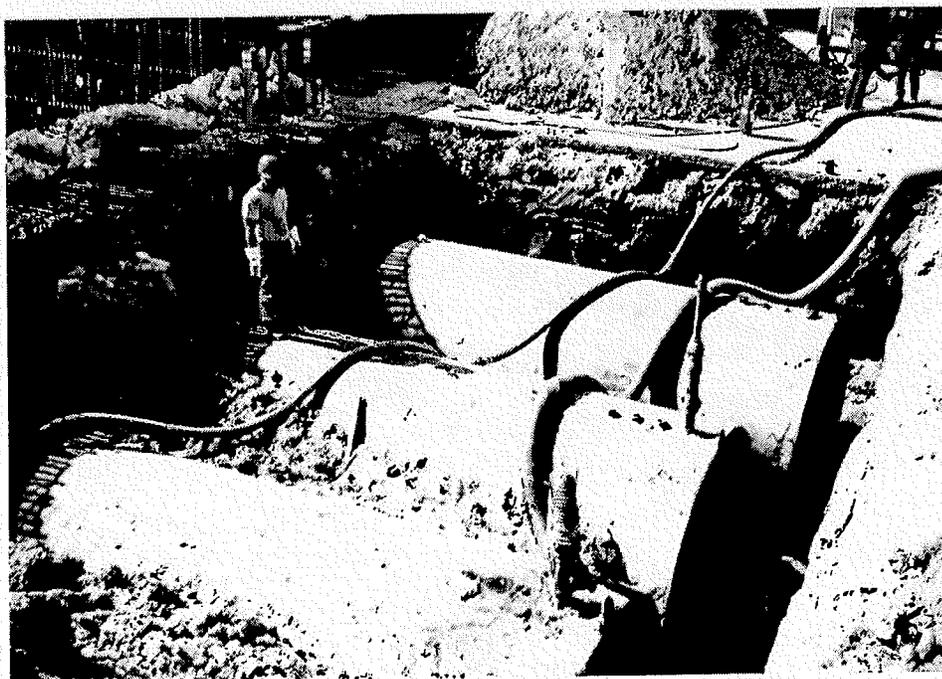


B0651

PHOTOGRAPHIC PLATE II
Showing De-Gassing Phase of Tank Removal Process



Note Volatilization of Ethylene Diamene from Northernmost Tank



B0652

PHOTOGRAPHIC PLATE III

Showing Final Tank Check for Remnant Vapors Prior to Removal

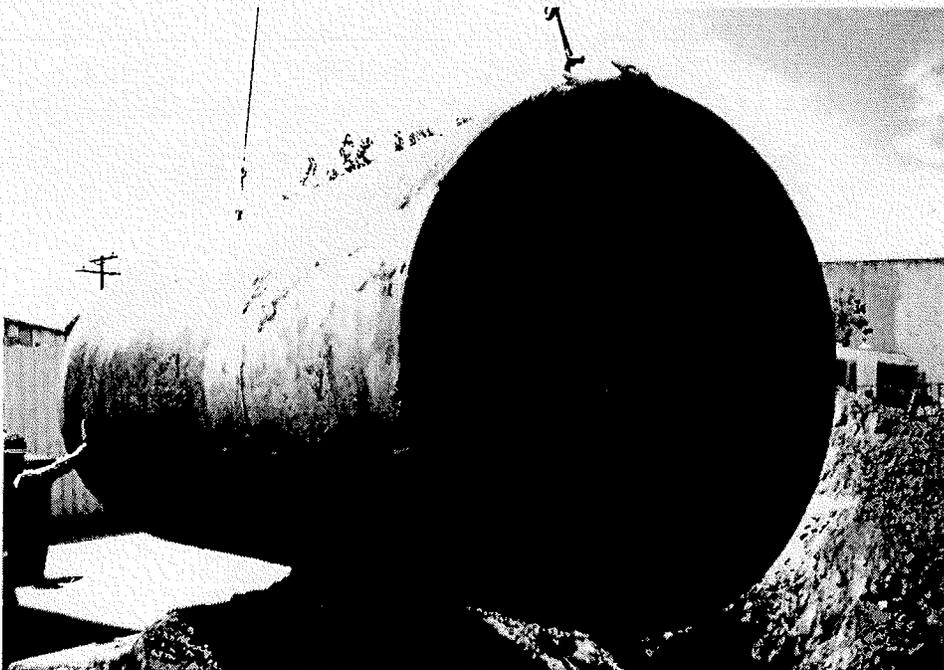


B0653

Note Cut "Windows" in Each Tank for Visual Inspection

PHOTOGRAPHIC PLATE IV

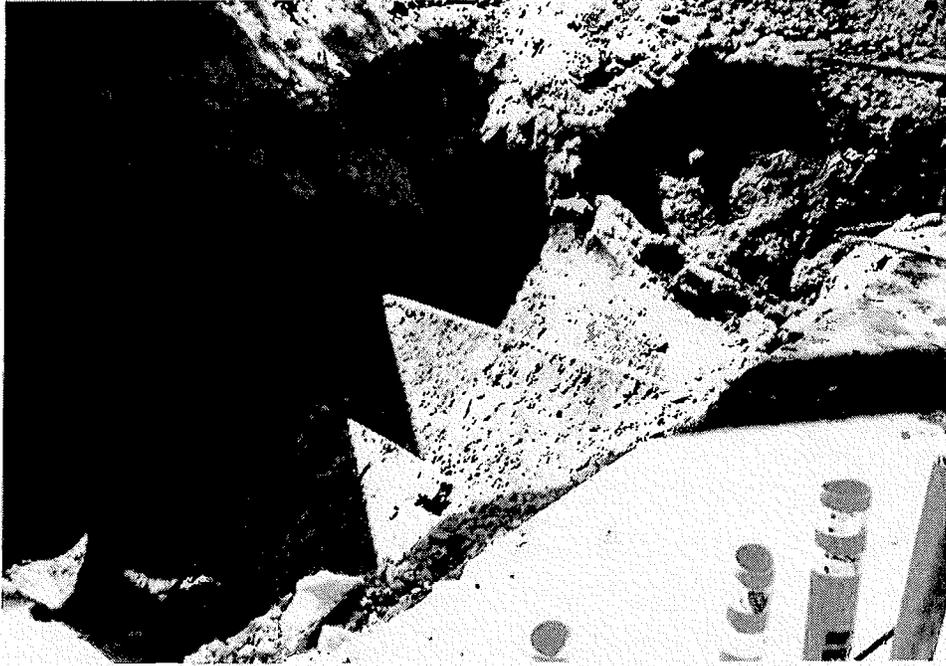
Showing Tank Removal



B0654

PHOTOGRAPHIC PLATE V

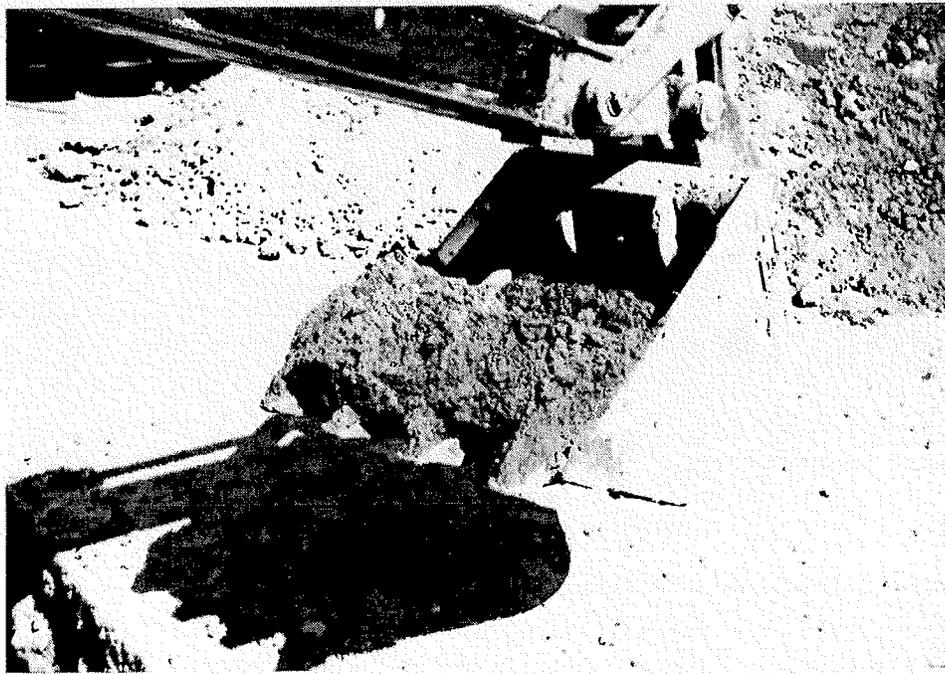
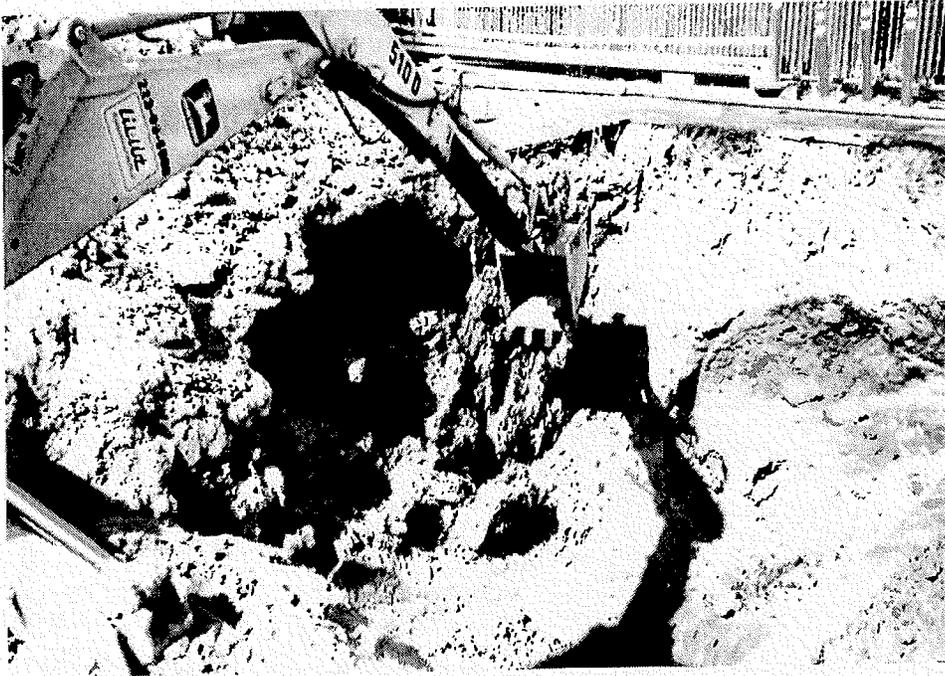
Showing Excavated Tank Pit



B0655

PHOTOGRAPHIC PLATE VI

Showing Split-Sample Collection for Sample T1E



B0656

Note Apparent Gray Staining of Soil Indicating Contamination

EXHIBIT 7

- July 31 1996, Environmental Assessment of Soil Surrounding the Removed Underground Chemical Storage Tanks at the Former TADCO Facility, 363 West 133rd Street, Los Angeles, CA.
- November 6, 1996, Demolition of the Septic System at the Former TADCO Site, 363 West 133rd Street, Los Angeles, CA.
- May 14, 1997, Subsurface Environmental Investigation of Soil at 363 West 133rd Street, Los Angeles, CA.
- September 19, 1997, Subsurface Environmental Investigation of Soil at Standard Metals, 378 West 133rd Street, Los Angeles, CA.
- January 1998, Summary Tables of Chemical Analysis Data for Soil and Groundwater Samples Collected from Well MW-4 and Soil Borings FB-1 and FB-2 Installed by Frey Environmental for Standard Metals at 363 West 133rd Street, Los Angeles, CA.
- May 8, 1998, Groundwater Elevation Survey and Sample Analysis at 363 and 378 West 133rd Street, Los Angeles CA.

Report Summary Data

Multiple subsurface environmental investigations have been conducted by ASE in relation to contamination discovered at the TADCO site. A relatively wide variety of chemical contaminants were discovered in soil beneath the TADCO site and the Standard Metals site by these investigations including petroleum hydrocarbons, volatile organic compounds (halogenated and non-halogenated), and PCBs. Subsurface environmental investigations have also been conducted by Frey Environmental on behalf of Standard Metals. The "Attachments" outlined below are site maps showing the locations of soil borings and wells installed for the investigations and tables summarizing chemical analysis data collected by Aqua Science Engineers, Inc. Reports documenting the investigations conducted on the behalf of Standard Metals have not been made available and are not included in the summary data.

Attachment 1

Attachment 1 is a site map showing the locations of soil borings drilled by Environmental Resolutions, ASE and Frey Environmental. The site map incorporates soil boring location information for reports prepared by ASE up to January 1988. All structures shown on the map for the former TADCO site have been removed. The site is now paved with concrete and has been incorporated into the parking area for the building located east of the former TADCO site.

- Borings B-1 through B-12 at the TADCO site were drilled by Environmental Resolutions Inc., for TADCO.
- Borings B-13 through B-29, and HA-1 through HA-9, at the TADCO site were drilled by ASE for Business Industrial Group.
- Borings FB-1 and FB-2 at the TADCO site were drilled by Frey Environmental for Standard Metals.
- Borings B-1 through B-5A at the Standard Metals site were drilled by ASE for Business Industrial Group.

- Groundwater monitoring wells MW-1 through MW-4 were installed by Frey Environmental for Standard Metals.

Attachment 2

Attachment 2 provides summary tables of chemical analysis data for the soil borings identified in Attachment 1 as follows:

Tables 1 and 2: Summary of volatile organic compounds (EPA 8240 and 8260) chemical analysis data for soil samples collected from borings B-13 through B-29 drilled by ASE at the former Tadeo site

Table 3: Summary of TPH-gasoline, TRPH and EPA 8260 chemical analysis data for soil borings B-1 through B-5A drilled by ASE at the Standard Metals site.

Table 4: Summary of EPA method 8240, TPH-diesel, TRPH and EPA 8270 chemical analysis data for hand auger borings HA-1 through HA-9 drilled by ASE in the area of the former above-ground tank farm at the TADCO site

Table 5: Summary of TPH-gasoline (EPA 8015M) and PCB (EPA 8080) chemical analysis data for soil samples collected from borings B-14 and B-15 drilled by ASE at the former TADCO site.

Table 6: Summary of EPA 8260 chemical analysis data for split soil samples collected from borings FB-1, FB-2 and MW-4 drilled by Frey Environmental at the former TADCO site.

Attachment 3

Attachment 3 provides a site plan showing the locations of grab soil samples collected by ASE during the removal of underground chemical storage tanks on July 2, 1996 at the former TADCO site, and a summary table of EPA 8240 chemical analysis data for the soil samples. The USTs were removed by Smith Environmental under a contract with TADCO.

Attachment 4

Attachment 4 provides a site plan showing the locations of grab soil samples collected by ASE during the removal of a septic tank on September 27, 1997 at the former TADCO site, and a summary table of EPA 8260 chemical analysis data for the soil samples and liquid/sludge samples collected from the septic tank.

Attachment 5

Attachment 5 provides site maps showing the groundwater elevation and flow characteristics determined by ASE during April 1998, and selected VOC chemical analysis data for groundwater samples collected by ASE from wells MW-1 through MW-4.

Attachment 6

Attachment 6 is a summary table and Cal-EPA certified laboratory report of EPA 8260 and 8015 chemical analysis data for groundwater samples collected from wells MW-1 through MW-4 by ASE on April 28, 1998.

Complete reports documenting the assessments summarized in this letter are on-file at ASE's Irvine, California office. Please contact Mr. Patrick Rendon, Esq., of Calvillo and Rendon at (562) 983-6624 if you have any questions regarding this letter, or if you require copies of any of the reports listed above.

Sincerely,

Aqua Science Engineers, Inc.

Michael Marelo, R.G., R.E.A.
Vice President
Principal Geologist

cc: Mr. Patrick Rendon, Esq.
Mr. Jess Herbst, Business Industrial Group

Attachment 1

Site map showing the locations of soil borings drilled by Environmental Resolutions, ASE and Frey Environmental.

Attachment 2

Tables 1 and 2: Summary of volatile organic compounds (EPA 8240 and 8260) chemical analysis data for soil samples collected from borings B-13 through B-29 drilled by ASE at the former Tadco site

Table 3: Summary of TPH-gasoline, TRPH and EPA 8260 chemical analysis data for soil borings B-1 through B-5A drilled by ASE at the Standard Metals site.

Table 4: Summary of EPA method 8240, TPH-diesel, TRPH and EPA 8270 chemical analysis data for hand auger borings HA-1 through HA-9 drilled by ASE in the area of the former above-ground tank farm at the TADCO site

Table 5: Summary of TPH-gasoline (EPA 8015M) and PCB (EPA 8080) chemical analysis data for soil samples collected from borings B-14 and B-15 drilled by ASE at the former TADCO site.

Table 6: Summary of EPA 8260 chemical analysis data for split soil samples collected from borings FB-1, FB-2 and MW-4 drilled by Frey Environmental at the former TADCO site.

TABLE 1
 Summary of Chemical Analysis Data for Soil Samples Collected from Borings B-13 through B-27 for EPA 8240 Compound
 Borings B-13 through B-16 and B-22 through B-27 Drilled at Tadco, 363 West 133rd St., Los Angeles County
 Boring B-21 Drilled on the South Edge of 133rd Street, Adjacent to General Welding Site
 Borings B-17 through B-20 Drilled at 13255 South Broadway, Los Angeles County

Boring Number	Sample Collection Depth (ft)	Acetone (µg/kg)	Carbon Disulfide (µg/kg)	Vinyl Chloride (µg/kg)	Methylene Chloride (µg/kg)	Trans-1,2 DCE (µg/kg)	1,1-DCA (µg/kg)	2-Butanone (µg/kg)	Benzene (µg/kg)	TCE (µg/kg)	4-Methyl-2-Pentanone (µg/kg)	Toluene (µg/kg)	Ethyl-Benzene (µg/kg)	Total Xylenes (µg/kg)	Cl
B-13	10	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	40	ND	ND	70	ND	ND	ND	ND	ND	48	ND	ND	ND	ND	ND
B-14	5 ¹	640	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	4,200	ND
	15	75,000	ND	ND	ND	ND	ND	260	ND	ND	56	ND	ND	ND	ND
	25	11,700	ND	ND	ND	ND	ND	57	ND	ND	ND	ND	ND	ND	ND
	35	104,000	8	ND	ND	ND	ND	180	ND	ND	78	10	ND	ND	ND
	45	1,300	6	30	ND	ND	ND	ND	ND	ND	ND	18	ND	ND	ND
B-15	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	30	92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35	28,700	ND	ND	ND	ND	ND	83	ND	ND	ND	ND	ND	ND	ND
	40	1,270,000	ND	45	ND	6	ND	700	ND	ND	200	49	7	34	ND
	45	732,000	ND	320	31	46	18	ND	ND	7.6	150	490	34	330	ND
B-16	15	1,600	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	20	ND	ND	32	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND
	30	ND	ND	7.3	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND
	35	ND	ND	71	ND	27	ND	ND	ND	190	ND	ND	ND	ND	ND
B-17	10	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	98	ND	ND	ND
	30 ¹	ND	ND	ND	ND	290	ND	ND	280	270	ND	430	900	1,050	ND
	30 ¹	ND	ND	ND	ND	1,400	ND	ND	ND	ND	ND	160	360	ND	ND
	40 ¹	ND	ND	ND	ND	310	ND	ND	ND	4,400	ND	97	160	ND	ND
B-18	12	ND	ND	14	ND	ND	ND	ND	ND	15	ND	23	ND	ND	ND
	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND
	40	ND	ND	19	ND	ND	ND	ND	ND	9.8	ND	63	ND	ND	ND
B-19	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32	ND	ND	ND
	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND
	40	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	43	ND	ND	ND
Method Detection Level (MDL)		50	5	5	5	5	5	50	5	5	50	5	5	5	
EPA Region IX PRG Industrial Property		8.4 x 10 ⁶ (ca)	52,000 (nc)	11 (ca)	25,000 (ca)	600,000 (nc)	3.0 x 10 ⁶ (nc)	3.4 x 10 ⁷ (nc)	3,200 (ca)	17,000 (ca)	NA	2.8 x 10 ⁶ (sat)	690,000 (sat)	990,000 (sat)	

¹ Dilution Factor (DF) for sample is 10. Reporting Limit for sample is DF x Method Detection Level

TABLE 1 CONTINUED

Summary of Chemical Analysis Data for Soil Samples Collected from Borings B-13 through B-27 for EPA 8240 Compound
 Borings B-13 through B-16 and B-22 through B-27 Drilled at Tadco, 363 West 133rd St., Los Angeles County
 Boring B-21 Drilled on the South Side of 133rd Street, Adjacent to General Welding Site
 Borings B-17 through B-20 Drilled at 13255 South Broadway, Los Angeles County

Boring Number	Sample Collection Depth (ft)	Acetone (µg/kg)	Carbon Disulfide (µg/kg)	Vinyl Chloride (µg/kg)	Methylene Chloride (µg/kg)	Trans-1,2 DCE (µg/kg)	1,1-DCA (µg/kg)	2-Butanone (µg/kg)	Benzene (µg/kg)	TCE (µg/kg)	4-Methyl-2-Pentanone (µg/kg)	Toluene (µg/kg)	Ethyl-Benzene (µg/kg)	Total Xylenes (µg/kg)	Cl
B-20	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	
	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	ND	ND	
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	
	40	ND	ND	20	ND	ND	ND	ND	ND	330	ND	31	ND	ND	
B-21	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	45 ¹	ND	ND	ND	ND	ND	ND	ND	ND	930	ND	ND	ND	ND	
B-22	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	40 ¹	ND	ND	87	ND	56	ND	ND	ND	330	ND	ND	ND	ND	
	45 ¹	ND	ND	280	ND	ND	ND	2,200	ND	ND	600	680	67	400	
B-23	5 ¹	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190	23,000	115,000	
	10 ¹	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,400	8,300	55,900	
	20 ²	262,000	ND	ND	ND	ND	ND	ND	ND	1,000	ND	22,000	17,000	119,000	
	30 ²	64,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	840	1,290	9,460	
	40	ND	ND	29	ND	ND	ND	ND	ND	ND	ND	30	9.9	24	
	45 ¹	7,350	ND	550	ND	ND	ND	ND	ND	ND	ND	820	440	2,670	
B-24	5	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	11	ND	ND	
	10 ³	ND	ND	ND	ND	ND	ND	ND	ND	300	ND	ND	ND	ND	
	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	30	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	
	40	ND	ND	ND	ND	ND	ND	ND	ND	7.9	ND	ND	ND	ND	
	45	ND	ND	6.3	ND	ND	ND	ND	ND	65	ND	ND	ND	ND	
Method Detection Level		50	5	5	5	5	5	50	5	5	50	5	5	5	
EPA Region IX PRG Industrial Property		8.4 x 10 ⁶ (ca)	52,000 (nc)	11 (ca)	25,000 (ca)	600,000 (nc)	3.0 x 10 ⁶ (nc)	3.4 x 10 ⁷ (nc)	3,200 (ca)	17,000 (ca)	NA	2.8 x 10 ⁶ (sat)	690,000 (sat)	990,000 (sat)	

¹ Dilution Factor (DF) for sample is 10. Reporting Limit for sample is DF x Method Detection Level

² Dilution Factor for sample is 100.

³ Dilution Factor for sample is 5

TABLE 1 CONTINUED

Summary of Chemical Analysis Data for Soil Samples Collected from Borings B-13 through B-27 for EPA 8240 Compounds
 Borings B-13 through B-16 and B-22 through B-27 Drilled at Tadco, 363 West 133rd St., Los Angeles County
 Boring B-21 Drilled on the South Edge of 133rd Street, Adjacent to General Welding Site
 Borings B-17 through B-20 Drilled at 13255 South Broadway, Los Angeles County

Boring Number	Sample Collection Depth (ft)	Acetone (µg/kg)	Carbon Disulfide (µg/kg)	Vinyl Chloride (µg/kg)	Methylene Chloride (µg/kg)	Trans-1,2 DCE (µg/kg)	1,1-DCA (µg/kg)	2-Butanone (µg/kg)	Benzene (µg/kg)	TCE (µg/kg)	4-Methyl-2-Pentanone (µg/kg)	Toluene (µg/kg)	Ethyl-Benzene (µg/kg)	Total Xylenes (µg/kg)
B-25	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10	73	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND
	20	57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	45	ND	ND	ND	ND	ND	ND	ND	ND	8.0	ND	ND	ND	ND
B-26	5	160	6.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	20 ¹	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	280	2890
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	45	ND	ND	ND	ND	ND	ND	ND	ND	57	ND	ND	ND	ND
B-27	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	40	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND	ND
	45	ND	ND	ND	ND	ND	ND	ND	ND	150	ND	ND	ND	ND
Method Detection Level		50	5	5	5	5	5	50	5	5	50	5	5	5
EPA Region IX PRG Industrial Property		8.4 x 10 ⁶ (ca)	52,000 (nc)	11 (ca)	25,000 (ca)	600,000 (nc)	3.0 x 10 ⁶ (nc)	3.4 x 10 ⁷ (nc)	3,200 (ca)	17,000 (ca)	NA	2.8 x 10 ⁶ (sat)	690,000 (sat)	990,000 (sat)

¹ Dilution Factor (DF) for sample is 10. Reporting Limit for sample is DF x Method Detection Level

EXPLANATION FOR TABLE 1

Trans-1,2- DCE = Trans-1,2-Dichloroethene
 TCE = Trichloroethene
 1,3 DCB = 1,3-Dichlorobenzene
 ND = not detected
 1,1-DCA = 1,1-Dichloroethane
 1,2 DCB = 1,2-Dichlorobenzene
 1,4 DCB = 1,4-Dichlorobenzene
 µg/kg = micrograms per kilogram or parts per billion (ppb)

EPA Region IX PRG = US Environmental Protection Agency Region IX Preliminary Remediation Goals for Industrial Properties, September 1995
 Industrial Property

ca = PRG concentration based on cancer risk
 nc = PRG concentration based on noncarcinogenic health threats
 sat = PRG concentration based on soil saturation equation

EPA 8240 compounds not listed in Table 1 were not detected in any of the analyzed samples from boring B-13 through B-27

TABLE 2

Summary of Chemical Analysis Data For Soil Samples Collected from Borings B-28 and B-29 at the Former TADCO Site, 363 West 1
EPA Method 8260 Compounds and Additional GC/MS Compounds - Concentrations in µg/kg (Parts Per Billion)

Boring Number	Sample Depth (ft)	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	cis-1,2 DCE	trans-1,2 DCE	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Napthalene	n-Propylbenzene	Toluene	TCE	1,2,4-Trimethylbenzene
B-28	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74	ND	ND
	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	188	ND	ND
	15	1,000	3,040	5,000	200	ND	ND	11,600	7,540	4,800	11,800	14,100	233	200	12,000
	20	60	46	ND	ND	53	32	150	76	55	100	120	83	62	476
	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND
	30	ND	ND	ND	ND	162	18	ND	ND	ND	ND	ND	8	27	ND
	35	ND	26	104	ND	83	636	8.5	25	28	18	20	970	1,560	ND
	40	ND	ND	ND	ND	8.4	ND	ND	ND	ND	ND	ND	224	ND	ND
	45	ND	ND	ND	ND	118	8.5	ND	ND	ND	ND	ND	ND	187	ND
B-29	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	ND	ND
	10	ND	ND	ND	ND	20	ND	ND	ND	ND	66	ND	170	ND	ND
	15	ND	ND	ND	ND	41	ND	ND	ND	ND	17	ND	7.4	ND	ND
	20	ND	ND	ND	ND	47	ND	ND	ND	ND	ND	ND	35	ND	ND
	25	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	25	ND	ND
	30	ND	ND	ND	ND	103	ND	ND	ND	ND	ND	ND	16	7.8	ND
	35	ND	ND	ND	ND	192	ND	ND	ND	ND	ND	ND	18	32	ND
	40	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	49	ND	ND
45	ND	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	6.1	150	ND	
Method Detection Level (MDL)		5	5	5	5	5	5	5	5	5	5	5	5	5	5

EXPLANATION FOR TABLE 1

DCE = Dichloroethene
TCE = Trichloroethene
ND = not detected at MDL

TABLE 3

Summary of Chemical Analysis Data for Soil Samples Collected From Borings B-1 thro
at the Standard Metals Site on August 29, and September 2, 1997

Boring Number	Sample Depth (ft)	TPH-g (mg/kg)	TRPH (mg/kg)	Arochlor-1254 (µg/kg)	Benzene (µg/kg)	cis-1,2-DCE (µg/kg)	trans-1,2-DCE (µg/kg)	Eth.benz (µg/kg)
B-1	5	ND	ND	ND	ND	ND	ND	NI
	10	ND	ND	ND	ND	80	ND	NI
	15	NA	NA	ND	NA	NA	NA	NA
	20	ND	ND	NA	ND	36	ND	NI
	30	ND	ND	NA	ND	170	ND	NI
	40	2.7	ND	NA	6.7	3,600	6.6	NI
B-2	5	ND	ND	ND	ND	12	ND	NI
	10	ND	ND	ND	ND	39	ND	NI
	15	ND	ND	ND	6.4	8,100	11	NI
	20	ND	144	NA	ND	66	ND	NI
	25	ND	ND	NA	ND	270	ND	NI
	30	ND	ND	NA	ND	57	ND	NI
	35	ND	ND	NA	ND	170	ND	NI
	40	ND	ND	NA	ND	1,800	ND	NI
B-3	5	ND	175	ND	ND	440	19	NI
	10	ND	ND	ND	ND	30	ND	NI
	15	NA	NA	ND	NA	NA	NA	NA
	20	ND	ND	NA	ND	5	ND	NI
	30	ND	ND	NA	ND	50	ND	NI
	40	1.2	ND	NA	ND	66	ND	NI
B-4	5	ND	ND	ND	ND	ND	ND	NI
	10	ND	ND	ND	ND	ND	ND	NI
	15	ND	ND	ND	ND	ND	ND	NI
	20	ND	ND	NA	ND	ND	ND	NI
	25	ND	ND	NA	ND	26	ND	NI
	30	ND	ND	NA	ND	360	ND	NI
	35	ND	ND	NA	ND	42	ND	NI
	40	ND	ND	NA	ND	450	ND	9.6
MDL		1.0	10	50	5	5	5	

TABLE 3 Continued

Summary of Chemical Analysis Data for Soil Samples Collected From Borings B-1 through B-5 at the Standard Metals Site on August 29, and September 2, 1997

Boring Number	Sample Depth (ft)	TPH-g (mg/kg)	TRPH (mg/kg)	Arochlor-1254 (µg/kg)	Benzene (µg/kg)	cis-1,2-DCE (µg/kg)	trans-1,2-DCE (µg/kg)	Eth. benzene (µg/kg)
B-5	5	ND	220	ND	ND	150	ND	ND
	10	ND	62	ND	ND	26	ND	ND
B-5A	15	NA	NA	120	NA	NA	NA	NA
	20	ND	ND	NA	ND	71	ND	ND
	30	ND	ND	NA	ND	290	ND	ND
	40	ND	ND	NA	ND	940	ND	ND
	45	NA	NA	NA	NA	530	ND	ND
MDL		1.0	10	50	5	5	5	5

EXPLANATION FOR TABLE 1

(ft) = feet below surface

TPH-g = total volatile petroleum hydrocarbons as gasoline by EPA 8015M

TRPH = total recoverable petroleum hydrocarbons by EPA 418.1

Arochlor-1254 is a PCB detected by EPA method 8080

cis-1,2-DCE = cis-1,2-dichloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

Eth. benzene = ethylbenzene

TCE = trichloroethene

(mg/kg) = milligrams per kilogram or parts per million (ppm)

(µg/kg) = micrograms per kilogram or parts per billion (ppb)

ND = not detected at specified reporting limit (MDL x dilution factor)

NA = not analyzed

MDL = method detection level

TABLE 4
Summary of Chemical Analyses Results for Soil Samples
Collected in Area of Above Ground Tank Farm
at TADCO, 363 West 133rd Street, Los Angeles, CA

Sample ID	Sample Depth	Diesel Fuel (8015M)	TRPH (418.1)	Toluene	Ethylbenzene (8240/8020)	Xylenes	Bis(2-Ethylhexyl)phthalate (8270)
HA-1-1	1 ft.	43	NA	NA	NA	NA	NA
HA-2-1	1 ft.	81	NA	ND	ND	ND	NA
HA-3-1	1 ft.	150	NA	NA	NA	NA	2.85
HA-4-1	1 ft.	150	NA	NA	NA	NA	ND
HA-5-1	1 ft.	120	NA	ND	ND	ND	NA
HA-6-1	1 ft.	2,000	NA	ND	0.27	1.80	NA
HA-7-1	1 ft.	ND	NA	NA	NA	NA	NA
HA-8-1	1 ft.	100	NA	NA	NA	NA	NA
HA-9-1	1 ft.	ND	320	NA	NA	NA	NA
HA-10-1	1 ft.	ND	390	NA	NA	NA	NA
B-27-5	5 ft.	ND	NA	ND	ND	ND	NA
B-27-10	10 ft.	ND	NA	ND	ND	ND	NA
B-27-20	20 ft.	ND	NA	ND	ND	ND	NA
B-27-25	25 ft.	ND	NA	NA	NA	NA	NA
B-27-30	30 ft.	NA	NA	ND	ND	ND	NA
	MDL	10	10	0.005	0.005	0.015	0.33

All values reported in parts per million (ppm) or milligrams per kilogram (mg/kg)
 ND = Not Detected (below detection limits)
 NA = Not Analyzed
 EPA 8240, 8020, and 8270 compounds not listed in Table 4 were not detected

TABLE 5

Summary of EPA Method 8015M (TPH-Gasoline) and EPA Method 8080 (PCBs)
 Chemical Analysis Data for Soil Borings B-14 and B-15 Drilled by ASE at the
 TADCO Site on August 3, 1995

Soil Boring	Sample Depth (ft)	TPH-Gasoline (mg/kg)	Aroclor-1242 (µg/kg)	Aroclor-1260 (µg/kg)
B-14	5	870	3,050	108
	15	4.9	NA	NA
	25	1.2	NA	NA
	35	8.5	ND	ND
	45	4.6	NA	NA
B-15	10	ND	NA	NA
	30	ND	NA	NA
	35	2.7	NA	NA
	40	20	ND	ND
	45	54	NA	NA
MDL		1.0	33	33

ft. = feet below surface

mg/kg = miligrams per kilogram or parts per million

µg/kg = micorgrams per kilogram or parts per billion

ND = not detected at method detection level

NA = not analyzed

MDL method detection level

TABLE 6

Summary of EPA method 8260 Chemical Analysis Data for Soil Samples Collected on December 23, 1997 from Drilled by Frey Environmental at the Former TADCO Site, 363 West 133rd Street, Los Angeles California Concentrations in Parts Per Billion (µg/kg)

Boring Number	Sample Depth (ft)	Acetone	Vinyl Chloride	Methylene Chloride	trans-1,2-DCE	cis-1,2-DCE	Benzene	TCE	Ethylbenzene	m+p Xylenes	o-Xylene	n-Propylbenzene	1,3,5-TMB	1,2,4-TMB	Sec-Butylbenzene	p
FB-1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	15	ND	260	ND	ND	ND	90	ND	ND	1,400	150	300	1,100	2,200	110	ND
	20	420	110	ND	280	220	55	140	1,100	430	30	840	41	890	190	ND
	25	570	20	ND	210	170	450	150	1,000	69	ND	560	18	86	120	ND
	30	92	1.3*	ND	10	12	ND	26	38	32	ND	24	ND	ND	ND	ND
	35	72	ND	ND	7.4	5.7	ND	ND	24	12	ND	15	5	5	7	ND
	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	45	39	24	ND	21	71	ND	150	ND	ND	ND	ND	ND	ND	ND	ND
	FB-2	5	ND	ND	ND	ND	7.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
10		ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15		ND	ND	ND	ND	18	ND	5	ND	ND	ND	ND	ND	ND	ND	ND
20		ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25		ND	ND	ND	ND	52	13	ND	ND	ND	ND	ND	ND	ND	ND	ND
30		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35		ND	ND	ND	ND	6.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40		ND	ND	ND	ND	130	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45		ND	53	9.3	15	460	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4		5	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	15	350	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	20	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	25	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	40	34	ND	ND	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	45	46	58	ND	55	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MDL		20	5	5	5	5	5	5	5	5	5	5	5	5	5	

* = concentration reported below MDL
 trans-1,2-DCE = trans-1,2-Dichloroethene
 cis-1,2-DCE = cis-1,2-Dichloroethene
 TCE = Trichloroethene
 1,3,5-TMB = 1,3,5-Trimethylbenzene
 1,2,4-TMB = 1,2,4-Trimethylbenzene
 MDL = method detection level
 ND = not detected

Attachment 3

Site map showing the locations of grab soil samples collected by ASE during the removal of underground chemical storage tanks on July 2, 1996 at the former TADCO site, and a summary table of EPA 8240 chemical analysis data for the soil samples.

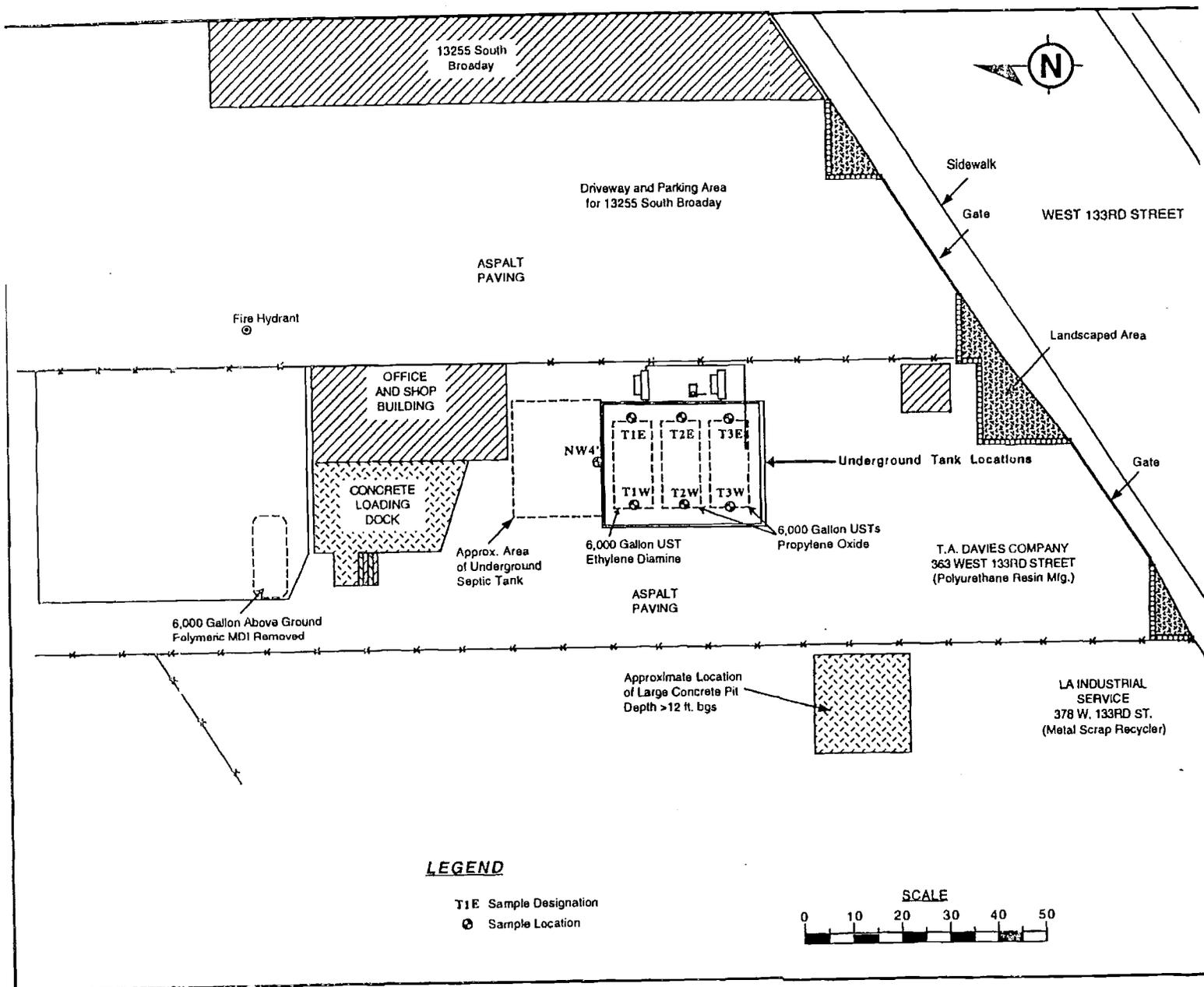


TABLE 1
Summary of Chemical Analyses Results for Soil Samples
Collected in Area of Underground Storage Tank Farm
at TADCO, 363 West 133rd Street, Los Angeles, CA

Sample ID	Sample Depth	Acetone	Benzene	Carbon Disulfide	E. Benzene 8240	2-Hexanone	Vinyl Acetate
SS	--	ND	ND	ND	ND	ND	ND
NW	4	70	ND	ND	ND	ND	ND
T1E	13	380	ND	7.1	ND	ND	ND
T1W	13	220	9.6	ND	ND	ND	ND
T2E	13	7,670	14	ND	ND	55	7.3
T2W	13	200	ND	ND	ND	ND	ND
T3E	13	1,030	ND	6.8	ND	ND	ND
T3W	13	3,400	ND	22	16	ND	13

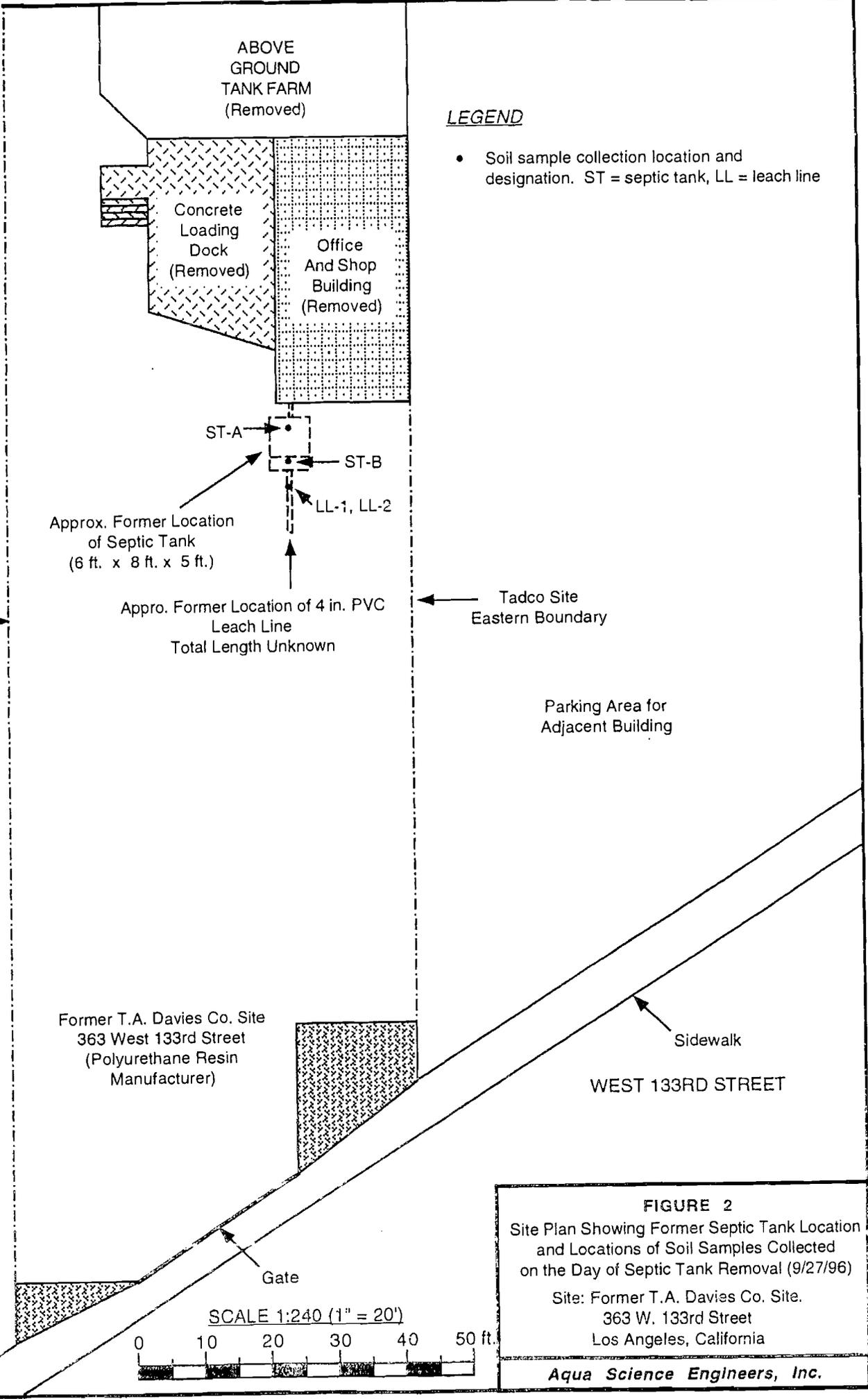
ND = Not Detected (below detection limits)

NA = Not Analyzed

Concentrations reported in micrograms per kilogram (parts per billion)

Attachment 4

Site map showing the locations of grab soil samples collected by ASE during the removal of a septic tank on September 27, 1997 at the former TADCO site, and a summary table of EPA 8260 chemical analysis data for the soil samples and liquid/sludge samples collected from the septic tank.



LEGEND

- Soil sample collection location and designation. ST = septic tank, LL = leach line

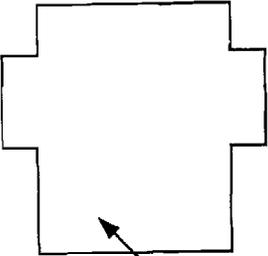
Tadco Site Western Boundary

Approx. Former Location of Septic Tank (6 ft. x 8 ft. x 5 ft.)

Approx. Former Location of 4 in. PVC Leach Line Total Length Unknown

Tadco Site Eastern Boundary

Parking Area for Adjacent Building



Approximate Location of Large Concrete Pit

Former T.A. Davies Co. Site
363 West 133rd Street
(Polyurethane Resin Manufacturer)

Sidewalk

WEST 133RD STREET

Gate

SCALE 1:240 (1" = 20")

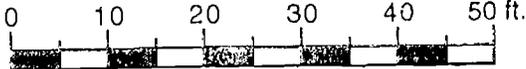


FIGURE 2
Site Plan Showing Former Septic Tank Location and Locations of Soil Samples Collected on the Day of Septic Tank Removal (9/27/96)
Site: Former T.A. Davies Co. Site.
363 W. 133rd Street
Los Angeles, California

TABLE 1

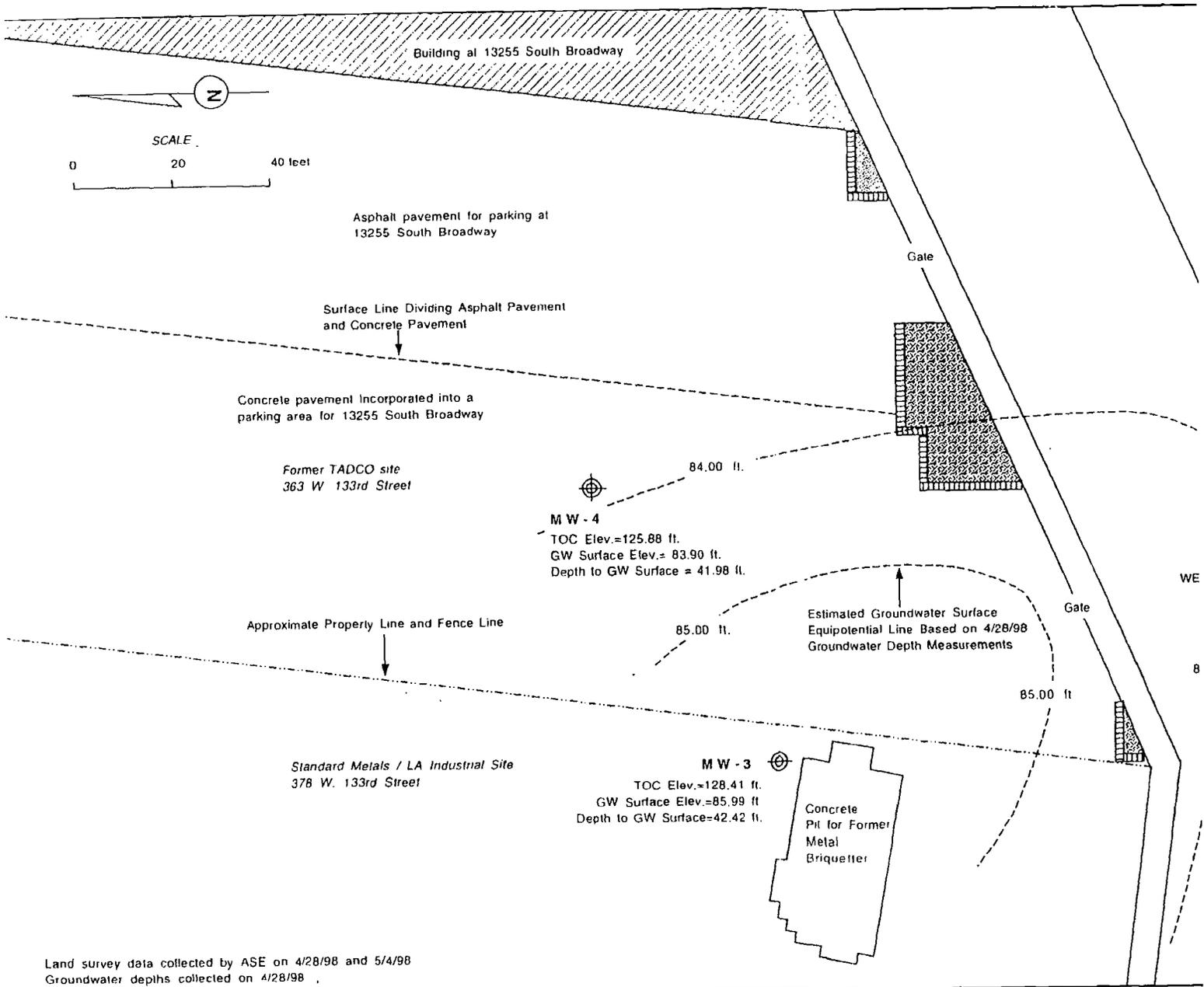
Summary of Chemical Analysis Data for Liquid/Sludge Samples Collected from within the Septic Tank and Soil Samples Collected from Beneath the Septic Tank and Leach Line
Concentrations are in $\mu\text{g/l}$ for Septic Tank Samples and $\mu\text{g/kg}$ for Soil Samples

Chemical Compounds	Septic Tank Samples		Soil Samples			
	ST-S1.2	ST-L1.2	ST-A	ST-B	LL-1	LL-2
Acetone	ND	ND	ND	61	ND	ND
Benzene	5.5	ND	ND	ND	ND	ND
4-Chlorotoluene	53	30	9.4	ND	64	43
1,4-Dichlorobenzene	230	150	130	24	46	21
1,1-Dichloroethane	ND	ND	6.0	7.6	7.2	6.9
cis-1,2-Dichloroethene	ND	ND	11	ND	ND	ND
Ethylbenzene	36	22	ND	ND	13	9.9
p-Isopropyltoluene	25	13	ND	ND	28	16
Methylene Chloride	ND	ND	7.2	11	ND	33
Naphthalene	24	19	5.1	ND	47	42
n-Propylbenzene	ND	ND	ND	ND	9.1	6.7
Toluene	36	22	ND	ND	6.4	ND
1,2,4-Trimethylbenzene	39	25	5.4	ND	79	61
1,3,5-Trimethylbenzene	11	6.4	ND	ND	25	19
Xylenes (total)	26	21	ND	ND	43	33

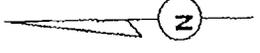
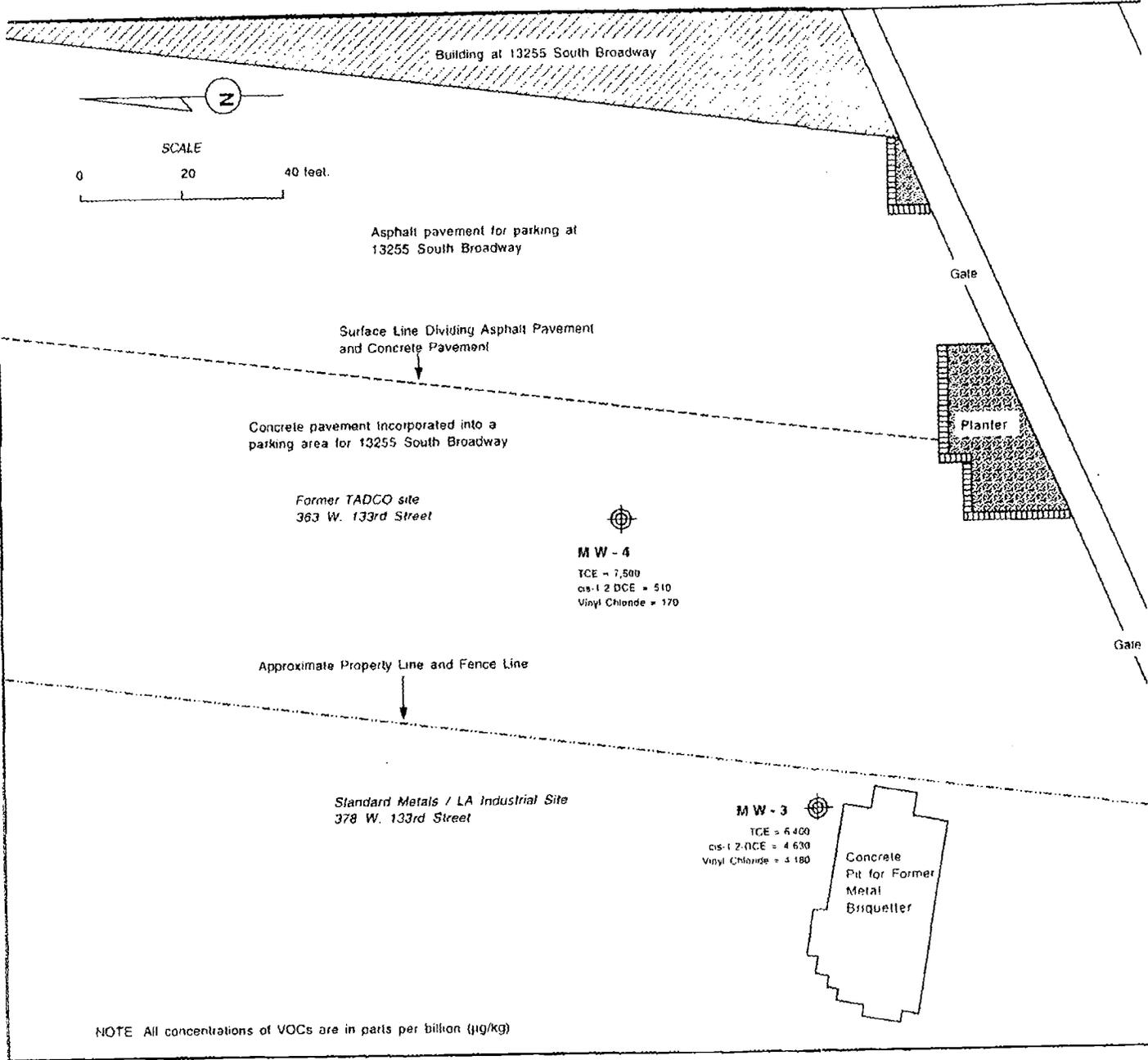
Compounds not listed were not detected
ND = not detected at specified detection level

Attachment 5

Site maps showing the groundwater elevation and flow characteristics determined by ASE during April 1998, and selected VOC chemical analysis data for groundwater samples collected by ASE from wells MW-1 through MW-4.



Land survey data collected by ASE on 4/28/98 and 5/4/98
 Groundwater depths collected on 4/28/98



SCALE
0 20 40 feet.

Gate

Gate

Attachment 6

Summary table and Cal-EPA certified laboratory report of EPA 8260 and 8015 chemical analysis data for groundwater samples collected from wells MW-1 through MW-4 by ASE on April 28, 1998.

TABLE 2

Summary of Volatile Organic Compound EPA 8260 Chemical Analysis Data for Groundwater Samples Collected from Groundwater Wells MW-1, 2, 3 and 4 Installed by Frey Environmental for Standard Metals
All Concentrations are reported in parts per billion (µg/l)

Well Number	Sample Date	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Acetone	2-Butanone	4-Methyl-2-Pentanone	Chloroform	TCFM	Vinyl Chloride	PCE	TCE	trans 1,2-DCE
MW-1	5/16/97		162	28	162	949	38	149			17.100		4.270	
	7/9/97	14	89	17	61	116	ND	ND			20.700		1.210	
MW-1	4/28/98	ND	67.5	ND	ND	ND	ND	ND	ND	ND	5.830	ND	675	1
MW-2	4/28/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	283	ND	7.350	1
MW-3	4/28/98	ND	240	ND	ND	180,000	ND	ND	ND	ND	4.180	ND	6.400	1
MW-4	1/6/98	ND	ND	ND	ND	ND	ND	ND	20	22	240	22	4.600	
	4/28/98	ND	ND	ND	ND	ND	ND	ND	20	29	170	28	7.500	1
MDL		5	5	5	5	20	20	20	5	5	5	5	5	
DMCL		1	150	700	1,750	NA	NA	NA	NA	150	0.5	5	5	

EXPLANATION FOR TABLE 1

¹MW-1 = groundwater samples collected on 5/16/97 and 7/9/97 were collected by Frey Environmental, Inc. - Laboratory reports were not provided
 TCFM = trichlorofluoromethane
 DCE = dichloroethene
 DCA = dichloroethane
 TCE = trichloroethene
 PCE = tetrachloroethene
 TCA = trichloroethane
 ND = not detected
 MDL = method detection level for samples collected by ASE, Inc.
 DMCL = Title 22 Maximum Drinking Water Contaminant Level
 NA = not applicable or not available
 For samples collected by ASE on 4/28/98 the dilution factors for the chemical analyses are as follows:
 MW-1 = 12.5, MW-2 = 25, MW-3 = 25, MW-4 = 1
 The actual detection levels for the sample is the MDL x dilution factor



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

05-04-1998

Mr. Mike Marello
Aqua Science Engineers
17895 Sky Park Circle, Suite E.
Irvine, CA 92714

Project: Standard Metals
Project Site: 378 W. 133rd Street, Los Angeles
Sample Date: 04-28-1998
Lab Job No.: G80471

Dear Mr. Marello:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 04-28-1998 and analyzed by the following EPA methods:

EPA 8260 (VOCs by GC/MS)
EPA 8015M (Gasoline)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (213) 888-0728 if our Laboratory can be of further service to you.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger Wang", is located below the "Sincerely," text.

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

Client: Aqua Science Engineers Lab Job No.: G80471 Date Reported: 05-04-98
 Project: Standard Metals/378 W. 133rd Street, LA Matrix: Water Date Sampled: 04-28-98
EPA 8260A (VOCs by GC/MS, Page 1 of 2)
 Reporting Unit: $\mu\text{g/L(ppb)}$

DATE ANALYZED		04-29-98	04-29-98	04-29-98		
DILUTION FACTOR		1	1	1		
LAB SAMPLE I.D.			G0471-4	G0471-5		
CLIENT SAMPLE I.D.			TB	EB		
COMPOUND	MDL	MB				
Dichlorodifluoromethane	5	ND	ND	ND		
Chloromethane	5	ND	ND	ND		
Vinyl Chloride	5	ND	ND	ND		
Bromomethane	5	ND	ND	ND		
Chloroethane	5	ND	ND	ND		
Trichlorofluoromethane	5	ND	ND	ND		
1,1-Dichloroethene	5	ND	ND	ND		
Iodomethane	5	ND	ND	ND		
Methylene Chloride	5	ND	ND	ND		
trans-1,2-Dichloroethene	5	ND	ND	ND		
1,1-Dichloroethane	5	ND	ND	ND		
2,2-Dichloropropane	5	ND	ND	ND		
cis-1,2-Dichloroethene	5	ND	ND	ND		
Bromochloromethane	5	ND	ND	ND		
Chloroform	5	ND	ND	ND		
1,2-Dichloroethane	5	ND	ND	ND		
1,1,1-Trichloroethane	5	ND	ND	ND		
Carbon tetrachloride	5	ND	ND	ND		
1,1-Dichloropropene	5	ND	ND	ND		
Benzene	5	ND	ND	ND		
Trichloroethene	5	ND	ND	ND		
1,2-Dichloropropane	5	ND	ND	ND		
Bromodichloromethane	5	ND	ND	ND		
Dibromomethane	5	ND	ND	ND		
Trans-1,3-Dichloropropene	5	ND	ND	ND		
cis-1,3-Dichloropropene	5	ND	ND	ND		
1,1,2-Trichloroethane	5	ND	ND	ND		
1,3-Dichloropropane	5	ND	ND	ND		
Dibromochloromethane	5	ND	ND	ND		
2-Chloroethylvinyl ether	5	ND	ND	ND		
Bromoform	5	ND	ND	ND		
Isopropylbenzene	5	ND	ND	ND		
Bromobenzene	5	ND	ND	ND		



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

Client: Aqua Science Engineers

Lab Job No.:G80471

Date Reported:

05-04-98

EPA 8260A (VOCs by GC/MS, Page 2 of 2)

Reporting Unit: $\mu\text{g/L(ppb)}$

COMPOUND	MDL	MB	TB	EB		
Toluene	5	ND	ND	ND		
Tetrachloroethene	5	ND	ND	ND		
1,2-Dibromoethane(EDB)	5	ND	ND	ND		
Chlorobenzene	5	ND	ND	ND		
1,1,1,2-Tetrachloroethan	5	ND	ND	ND		
Ethylbenzene	5	ND	ND	ND		
m+p-Xylenes	5	ND	ND	ND		
o-Xylene	5	ND	ND	ND		
Styrene	5	ND	ND	ND		
1,1,1,2-Tetrachloroethan	5	ND	ND	ND		
1,2,3-Trichloropropane	5	ND	ND	ND		
n-Propylbenzene	5	ND	ND	ND		
2-Chlorotoluene	5	ND	ND	ND		
4-Chlorotoluene	5	ND	ND	ND		
1,3,5-Trimethylbenzene	5	ND	ND	ND		
tert-Butylbenzene	5	ND	ND	ND		
1,2,4-Trimethylbenzene	5	ND	ND	ND		
Sec-Butylbenzene	5	ND	ND	ND		
1,3-Dichlorobenzene	5	ND	ND	ND		
p-Isopropyltoluene	5	ND	ND	ND		
1,4-Dichlorobenzene	5	ND	ND	ND		
1,2-Dichlorobenzene	5	ND	ND	ND		
n-Butylbenzene	5	ND	ND	ND		
1,2,4-Trichlorobenzene	5	ND	ND	ND		
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND		
Hexachlorobutadiene	5	ND	ND	ND		
Naphthalene	5	ND	ND	ND		
1,2,3-Trichlorobenzene	5	ND	ND	ND		
Additional Compounds						
Acetone	20	ND	ND	ND		
2-Butanone (MEK)	20	ND	ND	ND		
Carbon disulfide	20	ND	ND	ND		
4-Methyl-2-pentanone MIBK	20	ND	ND	ND		
2-Hexanone	20	ND	ND	ND		
Vinyl Acetate	50	ND	ND	ND		
MTBE	5	ND	ND	ND		

ND = Not Detected (at the specified limit)



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

05-04-1998

Client: Aqua Science Engineers
Project: Standard Metals
Project Site: 378 W. 133rd Street, LA
Matrix: Water
Batch No.: CD29-GW1

Lab Job No.: G80471
Date Sampled: 04-28-1998
Date Received: 04-28-1998
Date Analyzed: 04-29-1998

EPA Method 8015M(Gasoline)
Reporting Units: $\mu\text{g/L}$ (ppb)

Sample ID	Lab ID	Gasoline Range TPH*	Reporting Limit
Method Blank		ND	50
MW-1	G0471-1	3,970	50
MW-2	G0471-2	2,640	50
MW-3	G0471-3	12,600	50
TB	G0471-4	ND	50
EB	G0471-5	ND	50

* Gasoline Range TPH are hydrocarbons in the range of C4 - C12.



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

Client: Aqua Science Engineers Lab Job No.: G80471 Date Reported: 05-04-98
Project: Standard Metals/378 W. 133rd Street, LA Matrix: Water Date Sampled: 04-28-98
EPA 8260A (VOCs by GC/MS, Page 1 of 2)
Reporting Unit: µg/L(ppb)

DATE ANALYZED		04-29-98	04-29-98	04-29-98	04-29-98	
DILUTION FACTOR		1	12.5	25	25	
LAB SAMPLE I.D.			G0471-1	G0471-2	G0471-3	
CLIENT SAMPLE I.D.			MW-1	MW-2	MW-3	
COMPOUND	MDL	MB				
Dichlorodifluoromethane	5	ND	ND	ND	ND	
Chloromethane	5	ND	ND	ND	ND	
Vinyl Chloride	5	ND	5,830*	283	4,180	
Bromomethane	5	ND	ND	ND	ND	
Chloroethane	5	ND	ND	ND	ND	
Trichlorofluoromethane	5	ND	ND	ND	ND	
1,1-Dichloroethene	5	ND	ND	ND	ND	
Iodomethane	5	ND	ND	ND	ND	
Methylene Chloride	5	ND	ND	ND	ND	
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	
1,1-Dichloroethane	5	ND	ND	ND	ND	
2,2-Dichloropropane	5	ND	ND	ND	ND	
cis-1,2-Dichloroethene	5	ND	7,350*	5,300*	4,630	
Bromochloromethane	5	ND	ND	ND	ND	
Chloroform	5	ND	ND	ND	ND	
1,2-Dichloroethane	5	ND	ND	ND	ND	
1,1,1-Trichloroethane	5	ND	ND	ND	ND	
Carbon tetrachloride	5	ND	ND	ND	ND	
1,1-Dichloropropene	5	ND	ND	ND	ND	
Benzene	5	ND	ND	ND	ND	
Trichloroethene	5	ND	675	7,350*	6,400	
1,2-Dichloropropane	5	ND	ND	ND	ND	
Bromodichloromethane	5	ND	ND	ND	ND	
Dibromomethane	5	ND	ND	ND	ND	
Trans-1,3-Dichloropropene	5	ND	ND	ND	ND	
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	
1,1,2-Trichloroethane	5	ND	ND	ND	ND	
1,3-Dichloropropane	5	ND	ND	ND	ND	
Dibromochloromethane	5	ND	ND	ND	ND	
2-Chloroethylvinyl ether	5	ND	ND	ND	ND	
Bromoform	5	ND	ND	ND	ND	
Isopropylbenzene	5	ND	ND	ND	ND	
Bromobenzene	5	ND	ND	ND	ND	



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

Client: Aqua Science Engineers

Lab Job No.:G80471

Date Reported:

05-04-98

EPA 8260A (VOCs by GC/MS, Page 2 of 2)

Reporting Unit: $\mu\text{g/L(ppb)}$

COMPOUND	MDL	MB	MW-1	MW-2	MW-3	
Toluene	5	ND	67.5	ND	240	
Tetrachloroethene	5	ND	ND	ND	ND	
1,2-Dibromoethane(EDB)	5	ND	ND	ND	ND	
Chlorobenzene	5	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethan	5	ND	ND	ND	ND	
Ethylbenzene	5	ND	ND	ND	ND	
m+p-Xylenes	5	ND	ND	ND	ND	
o-Xylene	5	ND	ND	ND	ND	
Styrene	5	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethan	5	ND	ND	ND	ND	
1,2,3-Trichloropropane	5	ND	ND	ND	ND	
n-Propylbenzene	5	ND	ND	ND	ND	
2-Chlorotoluene	5	ND	ND	ND	ND	
4-Chlorotoluene	5	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	
tert-Butylbenzene	5	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	
Sec-Butylbenzene	5	ND	ND	ND	ND	
1,3-Dichlorobenzene	5	ND	ND	ND	ND	
p-Isopropyltoluene	5	ND	ND	ND	ND	
1,4-Dichlorobenzene	5	ND	ND	ND	ND	
1,2-Dichlorobenzene	5	ND	ND	ND	ND	
n-Butylbenzene	5	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	
1,2-Dibromo-3-Chloropropane	5	ND	ND	ND	ND	
Hexachlorobutadiene	5	ND	ND	ND	ND	
Naphthalene	5	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	
Additional Compounds						
Acetone	20	ND	ND	ND	180,000*	
2-Butanone (MEK)	20	ND	ND	ND	ND	
Carbon disulfide	20	ND	ND	ND	ND	
4-Methyl-2-pentanone MIBK	20	ND	ND	ND	ND	
2-Hexanone	20	ND	ND	ND	ND	
Vinyl Acetate	50	ND	ND	ND	ND	
MTBE	5	ND	ND	ND	ND	

ND=Not Detected (at the specified limit);

* Obtained with a higher dilution analysis.



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

05-04-1998

**EPA 8260
Batch QA/QC Report**

Client: Aqua Science Engineers
Project: Standard Metals
Matrix: Water
Batch No: 0429-VOCW

Lab Job No.: G80471
Lab Sample ID: V0473-4
Date Analyzed: 04-29-98

**I. MS/MSD Report
Unit: ppb**

Compound	MB Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	19.4	20.5	97.0	103	5.5	30	70-130
Benzene	ND	20	18.7	20.4	93.5	102	8.7	30	70-130
Trichloro-ethene	ND	20	22.7	26.0	114	130	13.6	30	70-130
Toluene	ND	20	19.4	21.7	97.0	109	11.2	30	70-130
Chlorobenzene	ND	20	20.5	23.0	103	115	11.5	30	70-130

**II. LCS Result
Unit: ppb**

Compound	LCS Report Value	True Value	Rec. %	Accept. Limit
1,1-Dichloroethene	23.7	20	119	80-120
Benzene	18.3	20	91.5	80-120
Trichloro-ethene	20.4	20	102	80-120
Toluene	19.5	20	97.5	80-120
Chlorobenzene	19.9	20	99.5	80-120

ND: Not Detected (at the specified limit)



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

05-04-1998

**EPA 8015M (Gasoline)
Batch QA/QC Report**

Client: Aqua Science Engineers
Project: Standard Metals
Matrix: Water
Batch No: CD29-GW1

Lab Job No.: G80471
Lab Sample ID: LCS
Date Analyzed: 04-29-98

LCS/LCSD Report
Unit: ppb

Compound	MB	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Gasoline	ND	1000	919	936	91.9	93.6	1.8	30	70-130



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

05-04-1998

Mr. Mike Marello
Aqua Science Engineers
17895 Sky Park Circle, Suite E.
Irvine, CA 92714

Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Sample Date: 04-28-1998
Lab Job No.: G80472

Dear Mr. Marello:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 04-28-1998 and analyzed by the following EPA methods:

EPA 8260 (VOCs by GC/MS)
EPA 8015M (Gasoline)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (213) 888-0728 if our Laboratory can be of further service to you.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger Wang", is written over a light blue horizontal line.

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

Client: Aqua Science Engineers Lab Job No.: G80472 Date Reported: 05-04-98
Project: TADCO/363 W. 133rd Street, Los Angeles Matrix: Water Date Sampled: 04-28-98
EPA 8260A (VOCs by GC/MS, Page 1 of 2)
Reporting Unit: µg/L(ppb)

DATE ANALYZED		04-29-98	04-29-98			
DILUTION FACTOR		1	1			
LAB SAMPLE I.D.			G0472-1			
CLIENT SAMPLE I.D.			MW-4			
COMPOUND	MDL	MB				
Dichlorodifluoromethane	5	ND	ND			
Chloromethane	5	ND	ND			
Vinyl Chloride	5	ND	170			
Bromomethane	5	ND	ND			
Chloroethane	5	ND	ND			
Trichlorofluoromethane	5	ND	29			
1,1-Dichloroethene	5	ND	10			
Iodomethane	5	ND	ND			
Methylene Chloride	5	ND	ND			
trans-1,2-Dichloroethene	5	ND	110			
1,1-Dichloroethane	5	ND	5.8			
2,2-Dichloropropane	5	ND	ND			
cis-1,2-Dichloroethene	5	ND	510*			
Bromochloromethane	5	ND	ND			
Chloroform	5	ND	20			
1,2-Dichloroethane	5	ND	ND			
1,1,1-Trichloroethane	5	ND	ND			
Carbon tetrachloride	5	ND	ND			
1,1-Dichloropropene	5	ND	ND			
Benzene	5	ND	ND			
Trichloroethene	5	ND	7,500*			
1,2-Dichloropropane	5	ND	ND			
Bromodichloromethane	5	ND	ND			
Dibromomethane	5	ND	ND			
Trans-1,3-Dichloropropene	5	ND	ND			
cis-1,3-Dichloropropene	5	ND	ND			
1,1,2-Trichloroethane	5	ND	ND			
1,3-Dichloropropane	5	ND	ND			
Dibromochloromethane	5	ND	ND			
2-Chloroethylvinyl ether	5	ND	ND			
Bromoform	5	ND	ND			
Isopropylbenzene	5	ND	ND			
Bromobenzene	5	ND	ND			



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

Client: Aqua Science Engineers

Lab Job No.:G80472

Date Reported:

05-04-98

EPA 8260A (VOCs by GC/MS, Page 2 of 2)

Reporting Unit: $\mu\text{g/L(ppb)}$

COMPOUND	MDL	MB	MW-4			
Toluene	5	ND	ND			
Tetrachloroethene	5	ND	28			
1,2-Dibromoethane(EDB)	5	ND	ND			
Chlorobenzene	5	ND	ND			
1,1,1,2-Tetrachloroethan	5	ND	ND			
Ethylbenzene	5	ND	ND			
m + p-Xylenes	5	ND	ND			
o-Xylene	5	ND	ND			
Styrene	5	ND	ND			
1,1,2,2-Tetrachloroethan	5	ND	ND			
1,2,3-Trichloropropane	5	ND	ND			
n-Propylbenzene	5	ND	ND			
2-Chlorotoluene	5	ND	ND			
4-Chlorotoluene	5	ND	ND			
1,3,5-Trimethylbenzene	5	ND	ND			
tert-Butylbenzene	5	ND	ND			
1,2,4-Trimethylbenzene	5	ND	ND			
Sec-Butylbenzene	5	ND	ND			
1,3-Dichlorobenzene	5	ND	ND			
p-Isopropyltoluene	5	ND	ND			
1,4-Dichlorobenzene	5	ND	ND			
1,2-Dichlorobenzene	5	ND	ND			
n-Butylbenzene	5	ND	ND			
1,2,4-Trichlorobenzene	5	ND	ND			
1,2-Dibromo-3-Chloropropane	5	ND	ND			
Hexachlorobutadiene	5	ND	ND			
Naphthalene	5	ND	ND			
1,2,3-Trichlorobenzene	5	ND	ND			
Additional Compounds						
Acetone	20	ND	ND			
2-Butanone (MEK)	20	ND	ND			
Carbon disulfide	20	ND	ND			
4-Methyl-2-pentanone	20	ND	ND			
MIBK						
2-Hexanone	20	ND	ND			
Vinyl Acetate	50	ND	ND			
MTBE	5	ND	ND			

ND = Not Detected (at the specified limit);

* Obtained with a higher dilution analysis.



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

05-04-1998

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Water
Batch No.: CE04-GW1

Lab Job No.: G80472
Date Sampled: 04-28-1998
Date Received: 04-28-1998
Date Analyzed: 05-04-1998

EPA Method 8015M(Gasoline)
Reporting Units: $\mu\text{g/L}$ (ppb)

Sample ID	Lab ID	Gasoline Range TPH*	Reporting Limit
Method Blank		ND	50
MW-4	G0472-4	1,800	50

* Gasoline Range TPH are hydrocarbons in the range of C4 - C12.



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

05-04-1998

EPA 8260
Batch QA/QC Report

Client: Aqua Science Engineers
Project: TADCO
Matrix: Water
Batch No: 0429-VOCW

Lab Job No.: G80472
Lab Sample ID: V0473-4
Date Analyzed: 04-29-98

I. MS/MSD Report
Unit: ppb

Compound	MB Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	% Rec Accept. Limit
1,1-Dichloroethene	ND	20	19.4	20.5	97.0	103	5.5	30	70-130
Benzene	ND	20	18.7	20.4	93.5	102	8.7	30	70-130
Trichloro-ethene	ND	20	22.7	26.0	114	130	13.6	30	70-130
Toluene	ND	20	19.4	21.7	97.0	109	11.2	30	70-130
Chlorobenzene	ND	20	20.5	23.0	103	115	11.5	30	70-130

II. LCS Result
Unit: ppb

Compound	LCS Report Value	True Value	Rec. %	Accept. Limit
1,1-Dichloroethene	23.7	20	119	80-120
Benzene	18.3	20	91.5	80-120
Trichloro-ethene	20.4	20	102	80-120
Toluene	19.5	20	97.5	80-120
Chlorobenzene	19.9	20	99.5	80-120

ND: Not Detected (at the specified limit)



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite L
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

05-04-1998

EPA 8015M (Gasoline)
Batch QA/QC Report

Client: Aqua Science Engineers
Project: TADCO
Matrix: Water
Batch No: CE04-GW1

Lab Job No.: G80472
Lab Sample ID: LCS
Date Analyzed: 05-04-98

LCS/LCSD Report
Unit: ppb

Compound	MB	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Gasoline	ND	1000	1036	850	104	85.0	19.7	30	70-130

EXHIBIT 8



COPY

May 14, 1997

Mr. Patrick Rendon, Esq.
Calvillo & Rendon
200 Oceangate, Suite 430
Long Beach, CA 90802-4323

RE: Draft Project Report for 363 West 133rd Street, Los Angeles, Ca.

Dear Mr. Rendon:

Please find enclosed the draft project report titled "Subsurface Environmental Investigation of Soil at 363 West 133rd Street, Los Angeles, California." The draft has been provided for discussion purposes only.

Please contact me at (714) 833-3667 if you have any questions regarding this project.

Sincerely,

Aqua Science Engineers, Inc.

Michael Mareello, R.G.
Vice President
Principal Geologist



CONFIDENTIAL
ATTORNEY/CLIENT PRIVILEGE

MAY 14, 1997

DRAFT PROJECT REPORT

SUBSURFACE ENVIRONMENTAL
INVESTIGATION OF SOIL AT:

**363 WEST 133RD STREET
LOS ANGELES, CALIFORNIA**

PREPARED FOR:

**MR. PATRICK RENDON, ESQ.
CALVILLO & RENDON
200 OCEANGATE, SUITE 430
LONG BEACH, CA 90802-4323**

PREPARED BY:

**AQUA SCIENCE ENGINEERS, INC.
17895 SKY PARK CIRCLE, SUITE. E
IRVINE, CA 92714**

TABLE OF CONTENTS

SECTIONS	PAGES
1.0 INTRODUCTION.....	1
2.0 SITE SETTING AND PROJECT BACKGROUND.....	1
2.1 Site Setting.....	1
2.2 Previous Environmental Investigations.....	1
3.0 GEOLOGY AND HYDROLOGY.....	2
3.1 Regional Geology and Hydrology.....	2
3.2 Subject Site Geology and Hydrology.....	2
4.0 INVESTIGATIVE METHODS.....	4
4.1 Drilling Methods.....	4
4.2 Soil Sample Collection.....	4
4.3 Chemical Analysis Methods for Soil.....	4
5.0 INVESTIGATIVE RESULTS.....	5
5.1 Chemical Analysis Results for Soil.....	5
6.0 CONCLUSIONS.....	6
7.0 REPORT LIMITATIONS.....	7
 <u>TABLES</u>	
TABLE 1: Summary of Chemical Analysis Data for Soil	8
 <u>FIGURES</u>	
FIGURE 1: USGS Topographic Site Location Map.....	9
FIGURE 2: Site Plan Showing Soil Boring Locations.....	10
 <u>APPENDICES</u>	
APPENDIX I: Soil Logs for Borings B28 and B29	
APPENDIX II: Cal-EPA Certified Laboratory Reports and Chain-of-Custody Document	

1.0 INTRODUCTION

The following report documents the methods and results of a subsurface environmental assessment of soil conducted by Aqua Science Engineers, Inc., (ASE) at 363 W. 133rd Street, Los Angeles, California (former TADCO site, Figures 1 and 2). ASE was retained by Mr. Patrick Rendon, Esq., to perform the assessment. The purpose of the assessment was to further investigate the extent and magnitude of volatile organic chemical contamination in soil at the former TADCO site. Field work for this investigation was conducted on April 10, 1997. Previous investigative work conducted by ASE in the subject area is documented in the following reports:

- September 1, 1996, *Soil Contamination Assessment Investigation Report for B.I.G./TADCO Site Located at 363 West 133rd Street, Los Angeles, California*
- May 6, 1996, *Subsurface Environmental Investigation of Soil at 13255 South Broadway, Los Angeles California*
- July 31, 1996, *Environmental Assessment of Soil Surrounding the Removed Underground Chemical Storage Tanks at the Former TADCO Facility, 363 133rd Street, Los Angeles, California*
- November 6, 1996, *Demolition of Septic Tank System at the Former TADCO Site, 363 West 133rd Street, Los Angeles, California*

2.0 SITE SETTING AND PROJECT BACKGROUND

2.1 Site Setting

The former TADCO site is an industrial property occupying an area of approximately one-half acre at 363 West 133rd Street, approximately 1,800 feet south of El Segundo Boulevard and 2,000 feet east of Interstate 110 (Figure 1). The former TADCO site is bounded on the north and east by industrial properties, on the south by 133rd Street, and on the west by LA Industrial Service/Standard Metals at 378 West 133rd Street. All building structures at the former TADCO site have been removed. The surface of the site has been paved with concrete.

2.2 Previous Subsurface Environmental Investigations

Previous subsurface environmental investigations have been conducted in relation to contamination discovered at the TADCO site by Environmental Resolutions, Inc., (ERI) and ASE. A relatively wide variety of chemical contaminants were discovered in soil beneath the

TADCO site by these investigations. In particular, relatively high concentrations of acetone were detected in soil samples collected between 10 and 45 feet below the ground surface (BGS) at the TADCO site. Concentrations of petroleum hydrocarbons and volatile organic compounds (halogenated and non-halogenated) have also been detected in soil to depths of 45 feet BGS. Information regarding previous investigations are contained in the reports referenced above.

3.0 GEOLOGY AND HYDROLOGY

3.1 Regional Geology and Hydrology

The subject site is located near the southwestern end of the Rosecrans Hills near the eastern boundary of the Southwestern Block of the Los Angeles Basin. The Rosecrans Hills are the most prominent surface expression of the Newport-Inglewood Uplift in the subject site vicinity. The Newport-Inglewood Uplift has been reported to act as a barrier to groundwater flow in deep confined aquifers underlying the region. The subject site is also located within the Rosecrans Oil Field. The occurrence of petroleum in the Rosecrans Oil Field is associated with stratigraphic and structural traps.

The subject site is also located near the eastern edge of the West Coast Hydrologic Basin which extends south-southwest from the Newport-Inglewood Fault Zone to the Santa Monica Bay, and north-northwest to the Ballona Escarpment and Baldwin Hills. The shallowest known regional aquifer beneath the subject area is reported to be the Gage Aquifer located approximately 150 feet BGS. Based on the information contained in *Department of Water Resources Bulletin No. 104*. Regional deep groundwater flow in the vicinity is generally south-southwest.

3.2 Subject Site Geology and Hydrology

The 1964 Inglewood, California Quadrangle 7.5-minute U.S.G.S series topographic map indicates that the subject site is located on a plateau on the southeastern side of the Rosecrans Hills at a ground surface elevation of approximately 125 feet AMSL (Figure 1). A swale, or drainage depression, appears to extend from north to south through the middle of the former TADCO site. The drainage depression appears to receive surface waters from areas north and west of the swale. Surface waters apparently flow towards the south to 133rd Street through the drainage depression.

Los Angeles County well number 1408E is located on the corner of 122nd Street and Berendo Avenue, approximately 5,400 feet northwest of subject site. According to information provided by the County of Los Angeles Department of Hydrologic Records, the well had a depth to groundwater surface of 166.5 feet below top of well casing on May 15, 1994. The top of well casing elevation was 126.0 feet AMSL. Therefore, the groundwater surface elevation in the well was 40.5 feet below mean sea level (BMSL). The County of Los Angeles Department of Public Works Coastal Plain Deep Aquifer Groundwater Contour Map for Fall 1989 shows that deep groundwater in the vicinity of the subject site flows towards the south to southwest.

The apparent native soil types encountered during drilling by ASE beneath the subject area consisted primarily of fine sand, silty fine sands, sandy silts, and some silt and clay. What appears to be artificial fill has encountered beneath the subject area to depths between approximately 9 feet and 15 feet BGS in several borings. The artificial fill contains concrete, asphalt, glass, brick, tile and wood debris, and appears to encompass the northern 3/4 of the subject site.

Water-saturated soils are encountered at depths between 43 and 45 feet BGS beneath the site. A thin water-saturated zone has been encountered between 18 and 23 feet BGS in borings drilled in the northern portion of the site. The direction of the shallow groundwater flow, and the aerial extent of the water-bearing zones, have not been determined by this investigation or previous investigations conducted by ASE.

4.0 INVESTIGATIVE METHODS

4.0 Drilling Methods

Field activities for this investigation performed by ASE at the former TADCO site were conducted on April 10, 1997. The locations of the soil borings drilled by ASE are indicated on Figure 2. All drilling and soil sampling activities were directly supervised by a California Registered Geologist employed by Aqua Science Engineers, Inc.

Soil borings B-28 and B-29 were drilled on April 10, 1997, using a CME-75 truck-mounted drill rigs equipped with 8.25-inch diameter continuous flight, hollow stem auger. These borings were drilled to 45 feet BGS. All drilling equipment was steam cleaned before use. Soil cuttings from boring B-28 and B-29 were placed in 55 gallon DOT class 17H steel drums and stored on-site. The borings were backfilled with bentonite chips.

4.2 Soil Sample Collection

Split sets of soil samples were collected in borings B-28 and B-29 using a 1.5 inch inside diameter split spoon sampler holding pre-cleaned brass sample tubes. The split spoon sampler was washed with a non-phosphate detergent and water solution, then rinsed with clean tap water between sample collections. The sampler was driven into undisturbed soil in advance of the hollow stem auger using a hydraulic hammer. Soil samples were collected at five foot depth intervals between five feet and 45 feet BGS. One set of soil samples was secured with aluminum foil, plastic end-caps and tape. The secured samples were logged on a chain-of-custody form and then placed in an ice chest for temporary cold storage. Soil from the second tube of each sample interval was placed in Zip-Loc™ plastic bags and examined for soil classification, general moisture content and obvious odor or staining. Soil observations were recorded on the soil boring logs (Appendix I).

4.3 Chemical Analysis Methods for Soil

Soil samples collected from borings B-28 and B-29 were submitted to Southland Technical Service Environmental Laboratory, Inc., (STS) for chemical analysis. STS is certified by Cal-EPA to perform the chemical analyses used for this project (certificate #1986). All of the samples collected from boring B-28 and B-29 were analyzed for volatile organic compounds (VOC) using EPA method 8260 (GC/MS). ASE requested analysis for seven additional volatile

organic compounds not included in the normal list of EPA 8260 compounds. These compounds were detected in soil samples from previous investigations by EPA method 8240 analysis.

5.0 INVESTIGATIVE RESULTS

5.1 Chemical Analysis Results for Soil

A summary of the chemical analyses results for the soil samples collected by ASE from borings B-28 and B-29 is provided as Table 1 attached. The Cal-EPA certified laboratory report and chain-of-custody document are provided as Appendix II.

The chemical analyses conducted on the soil samples from borings B-28 and B-29 using EPA method 8260 detected the following volatile organic compounds:

- Benzene
- n-Butylbenzene
- sec-Butylbenzene
- tert-Butylbenzene
- cis-1,2-Dichloroethene
- trans-1,2-Dichloroethene
- Ethylbenzene
- Isopropylbenzene
- p-Isopropyltoluene
- Napthalene
- n-Propylbenzene
- Toluene
- Trichloroethene
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene
- Vinyl Chloride
- m+p-Xylene
- o-Xylene

The soil samples collected from boring B-28 generally contained a greater number and higher concentrations of volatile organic compounds than the samples from boring B-29. Of the compounds listed above, cis-1,2-dichloroethene, naphthalene, toluene, trichloroethene and vinyl chloride were the only compounds detected in the samples from boring B-29. Vinyl chloride was not detected in any of the samples from boring B-28.

6.0 CONCLUSIONS

Based on the findings of this assessment, and previous assessments, Aqua Science Engineers concludes the following regarding subsurface environmental conditions at 363 West 133rd Street (TADCO):

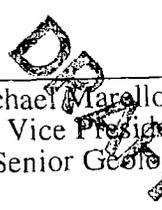
- The apparent native soil types encountered during drilling by ASE beneath the subject area consisted primarily of fine sand, silty fine sands, sandy silts, and some silt and clay. What appears to be artificial fill is present in some areas beneath the subject area to depths between approximately 9 feet and 15 feet BGS. Artificial fill was identified at the location of boring B-29 from the surface to approximately eight feet BGS. Artificial fill was not identified at the location of boring B-28.
- Groundwater was encountered between 43 and 45 feet BGS beneath the site. A wet zone was encountered in boring B-28 between approximately 18 and 19 feet BGS.
- Of the two soil borings drilled for this investigation, soil samples from B-28 generally contained the greatest number and highest concentrations of detected volatile organic compounds.
- Previous reports prepared by ASE identified at least two potential sources of the relatively high levels and wide range of chemical contamination discovered in soil beneath the site. The potential sources were identified as the septic system used by TADCO and a ± 12 foot deep concrete pit located on the LA Industrial Services/Standard Metals site. Waste chemicals placed in the septic system (drain pipes, septic tank and leach line) could potentially impact soil beneath the site. The concrete pit on the LA Industrial Services/Standard Metals site is identified as a "briquetter" in a Phase I report prepared by NATEC, Inc. Waste chemicals placed in the pit, or leaked from metal objects crushed in the pit, could potentially impact soil beneath the site. In addition to these sources, potential surface spills of chemicals at either the TADCO site or the LA Industrial Services/Standard Metals site could have possibly impacted soil beneath the former TADCO site.
- Fourteen of the 18 volatile organic compounds detected in the soil samples collected for this investigation have been detected in soil samples collected during previous investigations at the TADCO site. Eight of the volatile organic compounds were also detected in liquid/sludge samples collected from within a septic tank former located at the site (see ASE November 6.

1996 report). These chemicals were benzene, toluene, xylene, p-isoproyltoluene, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene and xylene.

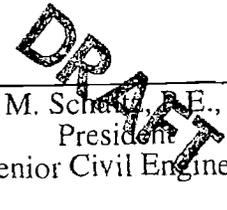
7.0 REPORT LIMITATIONS

The project described in this report was intended to further investigate the presence of volatile organic chemical contamination in soil beneath the former TADCO site. The results of the chemical analysis conducted for this project represent conditions at the times and locations/depths at which the soil samples were collected, for the chemical parameters specified in the analytical methods employed. The chemical analysis conducted during this project were performed by independent Cal-EPA Certified Laboratories. The independent laboratories are solely responsible for the contents and conclusions of their reports.

Aqua Science Engineers, Inc.

A large, diagonal, textured stamp with the word "DRAFT" is overlaid on the signature area of Michael Marallo.

Michael Marallo, R.G.
Vice President
Senior Geologist

A large, diagonal, textured stamp with the word "DRAFT" is overlaid on the signature area of David M. Schatz.

David M. Schatz, B.E., R.E.A.
President
Senior Civil Engineer

TABLES

TABLE 1

Summary of Chemical Analysis Data For Soil Samples Collected from Borings B-28 and B-29 at the Former TADCO Site, 363 West 133rd St
EPA Method 8260 Compounds and Additional GC/MS Compounds - Concentrations in µg/kg (Parts Per Billion)

Boring Number	Sample Depth (ft)	Benzene	n-Butyl-benzene	sec-Butyl-benzene	tert-Butyl-benzene	cis-1,2-DCE	trans-1,2-DCE	Ethyl-benzene	Isopropyl-benzene	p-Isopropyl-toluene	Napthalene	n-Propyl benzene	Toluene	TCE	1,2,4-Trimethyl benzene	1,3,5-Tri benz
B-28	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74	ND	ND	
	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	188	ND	ND	
	15	1,000	3,040	5,000	200	ND	ND	11,600	7,540	4,800	11,800	14,100	233	200	12,000	6
	20	60	46	ND	ND	53	32	150	76	55	100	120	83	62	476	
	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	
	30	ND	ND	ND	ND	162	18	ND	ND	ND	ND	ND	8	27	ND	
	35	ND	26	104	ND	83	636	8.5	25	28	18	20	970	1,560	ND	
	40	ND	ND	ND	ND	8.4	ND	ND	ND	ND	ND	ND	224	ND	ND	
	45	ND	ND	ND	ND	118	8.5	ND	ND	ND	ND	ND	ND	187	ND	
B-29	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	ND	ND	
	10	ND	ND	ND	ND	20	ND	ND	ND	ND	66	ND	170	ND	ND	
	15	ND	ND	ND	ND	41	ND	ND	ND	ND	17	ND	7.4	ND	ND	
	20	ND	ND	ND	ND	47	ND	ND	ND	ND	ND	ND	35	ND	ND	
	25	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	25	ND	ND	
	30	ND	ND	ND	ND	103	ND	ND	ND	ND	ND	ND	16	7.8	ND	
	35	ND	ND	ND	ND	192	ND	ND	ND	ND	ND	ND	18	32	ND	
	40	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	49	ND	ND	
	45	ND	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	6.1	150	ND	
Method Detection Level (MDL)		5	5	5	5	5	5	5	5	5	5	5	5	5	5	

EXPLANATION FOR TABLE 1

DCE = Dichloroethene

TCE = Trichloroethene

ND = not detected at MDL

FIGURES

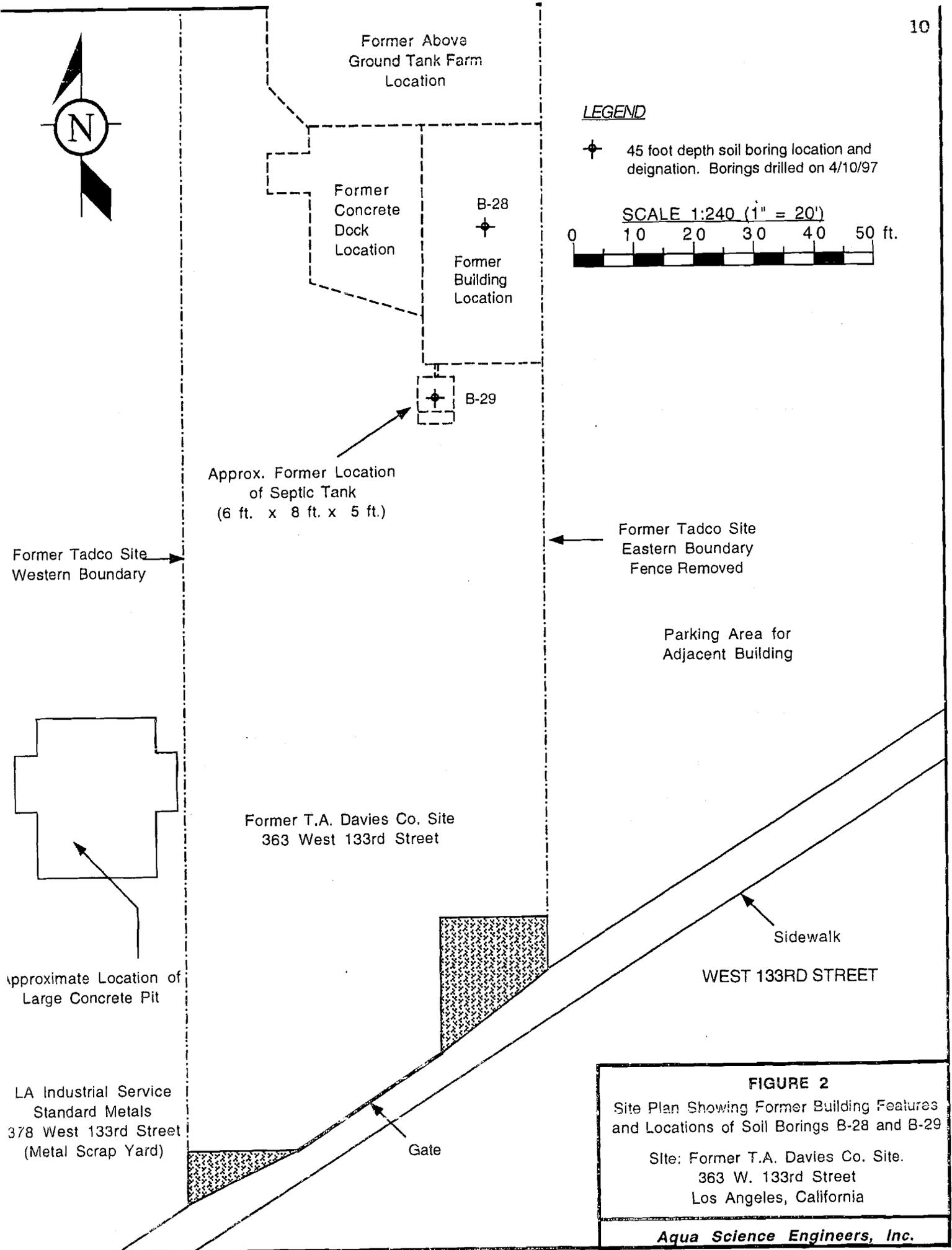


FIGURE 2
 Site Plan Showing Former Building Features
 and Locations of Soil Borings B-28 and B-29
 Site: Former T.A. Davies Co. Site.
 363 W. 133rd Street
 Los Angeles, California
 Aqua Science Engineers, Inc.

APPENDIX I

SOIL LOGS FOR BORINGS B-28 AND B-29

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DETAILS

BORING NO. B-28

Project Name: Former TADCO Site

Project Location: 363 W. 133rd St., Los Angeles

Page 1 of 2

Driller: ABC Liovin

Type of Rig: CME 75

Type and Size of Auger: 8" O.D. H.S.

Logged By: M. Mareello, R.G.#5339

Date Drilled: 4/10/97

Checked By:

WATER AND WELL DATA

Depth of Water First Encountered: 44-45 ft.

Total Depth of Well Completed: NA

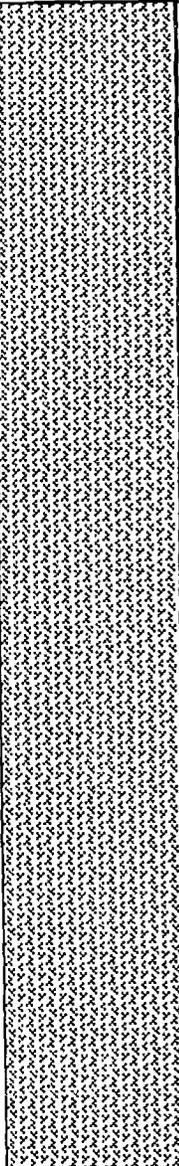
Well Screen Type and Diameter: NA

Static Depth of Water in Well: NA

Well Screen Slot Size: NA

Total Depth of Boring: 45 ft.

Type and Size of Soil Sampler: 1.5" I.D. Split Spoon

Depth in Feet	WELLBORING DETAIL	Description	SOIL/ROCK SAMPLE DATA				Depth in Feet	DESCRIPTION OF LITHOLOGY				
			Interval	Blow Ct.	Field VOC (ppmv)	Graphic Log		standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.				
								And (40-50%)	With (40-25%)	Some (25-10%)	Trace (10-0%)	
0		Boring backfilled with bentonite chips	0 - 1	9			0	Silt and fine sand (SM), dark olive-gray, dry, no odor				
1 - 2			12		5							
2 - 3			6		10							
3 - 4					15							
5			4 - 5	4	5	5	10	Silt, some fine sand (ML-SM), dark olive-gray to black, slightly moist, no odor				
10			1 - 2	1	2	3	15	Silt with some clay (ML-CL), olive-gray to black, moist, heavy dary oil content visible				
15			3 - 3	3	3	4	20	Wet zone 18-19 ft.				
20								Silt, some fine to med. sand, trace clay (ML-SM), olive-gray, slightly moist, slight sout (petroleum?) odor				

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DETAILS

BORING NO. B-28

Project Name: Former TADCO Site

Project Location: 363 W. 133rd St. Los Angeles

Page 2 of 2

Driller: ABC Liovin

Type of Rig: CME 75

Type and Size of Auger: 8" O.D. H.S.

Logged By: M. Marelo, R.G. #5339

Date Drilled: 4/10/97

Checked By:

Depth in Feet	WELLBORING DETAIL	Description	SOIL/ROCK SAMPLE DATA				Depth in Feet	DESCRIPTION OF LITHOLOGY					
			Interval	Blow Ct.	Field VOC (ppmv)	Graphic Log		standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.					
								And (40-50%)	With (40-25%)	Some (25-10%)	Trace (10-0%)		
25		Boring backfilled with bentonite chips	4 7 8				25	Silt with clay (ML-CL), olive-brown, moist, slight odor					
30			5 5 7				30	Clay with fine silt (CL-ML), mottled olive and rust, moist, slight odor					
35			9 12 14				35	Fine sand with silt (SM), olive-tan to olive-gray, slightly moist, slight odor					
40			10 12 17				40	Fine sand, trace silt (SP), pale olive-gray, moist, slight odor					
45			10 11 13				45	Water-saturated soil encountered between 44 and 45 ft. Fine sand, some silt (SP), pale olive-gray, water saturated, slight odor					
50													

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DETAILS

BORING NO. B-29

Project Name: Former TADCO Site

Project Location: 363 W. 133rd St., Los Angeles

Page 1 of 2

Driller: ABC Liovin

Type of Rig: CME 75

Type and Size of Auger: 8" O.D. H.S.

Logged By: M. Marello, R.G.#5339

Date Drilled: 4/10/97

Checked By:

WATER AND WELL DATA

Total Depth of Well Completed: NA

Depth of Water First Encountered: 43-44 ft.

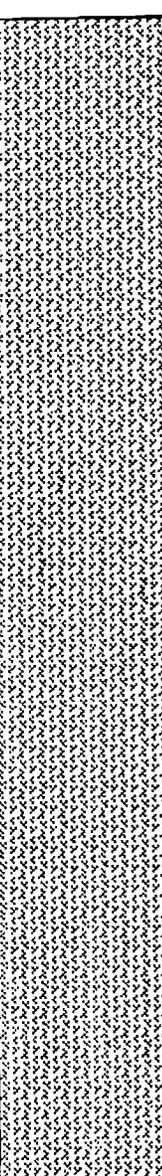
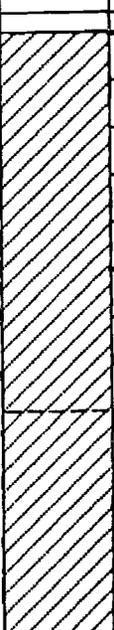
Well Screen Type and Diameter: NA

Static Depth of Water in Well: NA

Well Screen Slot Size: NA

Total Depth of Boring: 45 ft.

Type and Size of Soil Sampler: 1.5" I.D. Split Spoon

Depth in Feet	WELL BORING DETAIL	Description	SOIL/ROCK SAMPLE DATA				Depth in Feet	DESCRIPTION OF LITHOLOGY			
			Interval	Blow Ct.	Field VOC (ppmv)	Graphic Log		standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.			
								And (40-50%)	With (40-25%)	Some (25-10%)	Trace (10-0%)
0		Boring backfilled with bentonite chips					0	Artificial fill containing silt, clay and sand (CL-ML) dark gray to black, concrete debris, no odor slightly moist			
5			21 9 7			5					
10			3 3 4			10	Clay and silt (CL-ML), dark brown-gray to olive-gray, moist, slight odor				
15			1 2 2			15	Med. to fine sand and silt, some clay (SM-SC), olive-brown, very moist, no odor				
20			3 5 8			20	Silt and clay (ML-CL), mottled olive-tan and rust, slightly moist, some black organic "specks", no odor				

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DETAILS

BORING NO. B-29

Project Name: Former TADCO Site

Project Location: 363 W. 133rd St. Los Angeles

Page 2 of 2

Driller: ABC Liovin

Type of Rig: CME 75

Type and Size of Auger: 8" O.D. H.S.

Logged By: M. Marelllo, R.G. #5339

Date Drilled: 4/10/97

Checked By:

Depth in Feet	WELLBORING DETAIL	Description	SOIL/ROCK SAMPLE DATA			Field VOC (ppmv)	Graphic Log	Depth in Feet	DESCRIPTION OF LITHOLOGY
			Interval	Blow Ct.	Interval				
25	EOH 45 ft.	Boring backfilled with bentonite chips	2 6 8	7 7 7	4 8 13	7 9		25	Very fine sand and silt, trace clay (SM), olive-tan, slightly moist to moist, no odor
30			30					Silt, some clay and fine sand (ML), mottled olive and tan, some dark organic "specks", slightly moist to moist, no odor	
35			35					Silt with very fine sand (ML-SM), olive-tan, moist, slight odor	
40			40					Fine sand, some silt (SP-SM), olive-gray, moist to very moist, no odor	
45			45					Water-saturated soil encountered between 43 and 44 ft. Fine sand, some silt (SP), olive-gray, water saturated, no odor	

APPENDIX II

**CAL-EPA CERTIFIED LABORATORY REPORT FOR SOIL ANALYSES
AND CHAIN OF CUSTODY DOCUMENT FOR SAMPLES
COLLECTED FROM BORINGS B-28 AND B-29**



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

04-28-1997

Mr. Mike Marelo
Aqua Science Engineers
17895 Sky Park Circle, Suite E.
Irvine, CA 92714

Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Sample Date: 04-10-1997
Lab Job No.: G70419

Dear Mr. Marelo:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 04-10-1997 and analyzed by the following EPA methods:

EPA 8260 (Volatile Organics by GC/MS)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (213) 888-1128 if our Laboratory can be of further service to you.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger Wang", is written over a horizontal line.

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

04-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 1 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.			G0419-1	G0419-2	G0419-3	G0419-4
CLIENT SAMPLE I.D.			B28-5'	B28-10'	B28-15'	B28-20'
DILUTION FACTOR			1	1	50	2
COMPOUND	MDL	MB				
Benzene	5	ND	ND	ND	1,000	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	.5	ND	ND	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND
Bromoform	5	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	3,040	60
sec-Butylbenzene	5	ND	ND	ND	5,000	46
tert-Butylbenzene	5	ND	ND	ND	200	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5	ND	ND	ND	ND	ND
Chloroform	5	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

4-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 2 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.			G0419-1	G0419-2	G0419-3	G0419-4
CLIENT SAMPLE I.D.			B28-5'	B28-10'	B28-15'	B28-20'
DILUTION FACTOR			1	1	50	2
COMPOUND	MDL	MB				
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	53
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	32
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	11,600	150
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	7,540	76
p-Isopropyltoluene	5	ND	ND	ND	4,800	55
Methylene-chloride	5	ND	ND	ND	ND	ND
Naphthalene	5	ND	ND	ND	11,800	100
n-Propylbenzene	5	ND	ND	ND	14,100	120
Styrene	5	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

4-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 3 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.			G0419-1	G0419-2	G0419-3	G0419-4
CLIENT SAMPLE I.D.			B28-5'	B28-10'	B28-15'	B28-20'
DILUTION FACTOR			1	1	50	2
COMPOUND	MDL	MB				
Toluene	5	ND	74	188	233	83
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	200	62
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	12,000	476
1,3,5-Trimethylbenzene	5	ND	ND	ND	640	96
Vinyl Chloride	5	ND	ND	ND	ND	ND
m+p-Xylenes	5	ND	ND	ND	3,470	146
o-Xylene	5	ND	ND	ND	1,050	ND
Additional Compounds						
Acetone	50	ND	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND	ND
Carbon disulfide	50	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	50	ND	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND	ND
Vinyl Acetate	50	ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)	5	ND	ND	ND	ND	ND

MDL = Method Detection Limit; MB = Method Blank; ND = Not Detected (Below MDL); NA = Not Analyzed



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

04-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 1 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.		G0419-5	G0419-6	G0419-7	G0419-8	G0419-9
CLIENT SAMPLE I.D.		B28-25'	B28-30'	B28-35'	B28-40'	B28-45'
DILUTION FACTOR		1	1	1	1	1
COMPOUND	MDL					
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND
Bromoform	5	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	26	ND	ND
sec-Butylbenzene	5	ND	ND	104	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5	ND	ND	ND	ND	ND
Chloroform	5	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

4-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 2 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.		G0419-5	G0419-6	G0419-7	G0419-8	G0419-9
CLIENT SAMPLE I.D.		B28-25'	B28-30'	B28-35'	B28-40'	B28-45'
DILUTION FACTOR		1	1	1	1	1
COMPOUND	MDL					
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	162	83	8.4	118
trans-1,2-Dichloroethene	5	ND	18	636	ND	8.5
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	8.5	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	25	ND	ND
p-Isopropyltoluene	5	ND	ND	28	ND	ND
Methylene-chloride	5	ND	ND	ND	ND	ND
Naphthalene	5	ND	ND	18	ND	ND
n-Propylbenzene	5	ND	ND	20	ND	ND
Styrene	5	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

4-28-1997

Client: Aqua Science Engineers
Lab Job No.: G70419

Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 3 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.	G0419-5	G0419-6	G0419-7	G0419-8	G0419-9	
CLIENT SAMPLE I.D.	B28-25'	B28-30'	B28-35'	B28-40'	B28-45'	
DILUTION FACTOR	1	1	1	1	1	
COMPOUNDMDL	MDL					
Toluene	5	13	8	970	224	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
Trichloroethene	5	ND	27	1,560	ND	187
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	9.4	ND	ND
Vinyl Chloride	5	ND	ND	ND	ND	ND
m+p-Xylenes	5	ND	ND	15	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND
Additional Compounds						
Acetone		ND	ND	ND	ND	ND
2-Butanone (MEK)		ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND
Vinyl Acetate		ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)		ND	ND	ND	ND	ND

MDL=Method Detection Limit; MB=Method Blank; ND=Not Detected(Below MDL); NA=Not Analyzed



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

04-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 1 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.		G0419-10	G0419-11	G0419-12	G0419-13	G0419-14
CLIENT SAMPLE I.D.		B29-5'	B29-10'	B29-15'	B29-20'	B29-25'
DILUTION FACTOR		1	1	1	1	1
COMPOUND	MDL					
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND
Bromoform	5	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5	ND	ND	ND	ND	ND
Chloroform	5	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

4-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 2 of 3)

Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.		G0419-10	G0419-11	G0419-12	G0419-13	G0419-14
CLIENT SAMPLE I.D.		B29-5'	B29-10'	B29-15'	B29-20'	B29-25'
DILUTION FACTOR		1	1	1	1	1
COMPOUND	MDL					
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	20	41	47	11
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
Methylene-chloride	5	ND	ND	ND	ND	ND
Naphthalene	5	ND	66	17	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

4-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 3 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.		G0419-10	G0419-11	G0419-12	G0419-13	G0419-14
CLIENT SAMPLE I.D.		B29-5'	B29-10'	B29-15'	B29-20'	B29-25'
DILUTION FACTOR		1	1	1	1	1
COMPOUND	MDL					
Toluene	5	28	170	7.4	35	24
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
Vinyl Chloride	5	ND	ND	22	ND	ND
m + p-Xylenes	5	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND
Additional Compounds						
Acetone		ND	ND	ND	ND	ND
2-Butanone (MEK)		ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND
Vinyl Acetate		ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)		ND	ND	ND	ND	ND

MDL=Method Detection Limit; MB=Method Blank; ND=Not Detected(Below MDL); NA=Not Analyzed



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

04-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 1 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.			G0419-15	G0419-16	G0419-17	G0419-18
CLIENT SAMPLE I.D.			B29-30'	B29-35'	B29-40'	B29-45'
DILUTION FACTOR			1	1	1	1
COMPOUND	MDL	MB				
Benzene	5	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND
Bromoform	5	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5	ND	ND	ND	ND	ND
Chloroform	5	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

4-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 2 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.			G0419-15	G0419-16	G0419-17	G0419-18
CLIENT SAMPLE I.D.			B29-30'	B29-35'	B29-40'	B29-45'
DILUTION FACTOR			1	1	1	1
COMPOUND	MDL	MB				
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	103	192	12	120
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	15
1,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND
Methylene-chloride	5	ND	ND	ND	ND	ND
Naphthalene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

4-28-1997

Client: Aqua Science Engineers
Project: TADCO
Project Site: 363 W. 133rd Street, Los Angeles
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Date Sampled: 04-10-1997
Date Received: 04-10-1997
Date Analyzed: 04-13-1997

EPA 8260, Volatile Organic Compounds by GC/MS (Page 3 of 3)
Reporting Unit: $\mu\text{g}/\text{kg}$ (ppb)

LAB SAMPLE I.D.			G0419-15	G0419-16	G0419-17	G0419-18
CLIENT SAMPLE I.D.			B29-30'	B29-35'	B29-40'	B29-45'
DILUTION FACTOR			1	1	1	1
COMPOUND	MDL	MB				
Toluene	5	ND	16	18	49	6.1
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND
Trichloroethene	5	ND	7.8	32	ND	150
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
Vinyl Chloride	5	ND	17	12	ND	24
m+p-Xylenes	5	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND
Additional Compounds						
Acetone		ND	ND	ND	ND	ND
2-Butanone (MEK)		ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND
Vinyl Acetate		ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)		ND	ND	ND	ND	ND

MDL=Method Detection Limit; MB=Method Blank; ND=Not Detected(Below MDL); NA=Not Analyzed



Southland Technical Services, Inc.
Environmental Laboratories

7801 Telegraph Road, Suite J
Montebello, CA 90640

Phone (213) 888-0728
Fax (213) 888-1509

04-28-1997

EPA 8260
Batch QA/QC Report

Client: Aqua Science Engineers
Project: TADCO
Matrix: Soil
Batch No.: 0413VOCS1

Lab Job No.: G70419
Lab Sampled ID: SS0413-1
Date Analyzed: 04-13-97

I. MS/MSD Report
Unit: ppb

Compound	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	19.9	19.4	99.5	97	2.5	30	70-130
Trichloroethene	ND	20	17.0	17.1	85	85.5	0.6	30	70-130
Chlorobenzene	ND	20	16.7	17.4	83.5	87	4.1	30	70-130
Benzene	ND	20	17.3	17.8	86.5	89	2.8	30	70-130
Toluene	ND	20	16.6	17.7	83	88.5	6.5	30	70-130

II. LCS Result
Unit: ppb

Compound	LCS Report Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	21.1	20	106	80-120
Trichloroethene	18.3	20	91.5	80-120
Chlorobenzene	19.0	20	95	80-120
Benzene	19.1	20	95.5	80-120
Toluene	18.2	20	91	80-120

ND: Not Detected (at the specified limit).

Southland Technical Services Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Lab J

Client Name <i>Agri. Science Engineers, Inc.</i>					Analyses Requested					
Address <i>17895 Sky Park Circle, Ste E, Irvine</i>					602/8020 (BTEX)	8015M (Gasoline)	8015M (Diesel)	418.1	EPA 8260	
Report Attention <i>M. Marella</i>	Phone # <i>(714) 833-3667</i>	Sampled By <i>M. Marella</i>								
Project No./Name <i>Tadco</i>	Fax # <i>833-3468</i>	Project Site <i>363 W. 133rd St. Los Angeles</i>								
Client Sample ID	Sample Collection		Matrix Type	Sample Preserve	No., type* & size of container					
	Date	Time								
<i>B28-5'</i>	<i>4/10/97</i>		<i>soil</i>		<i>1 x BT</i>					X
<i>B28-10'</i>										X
<i>B28-15'</i>										X
<i>B28-20'</i>										X
<i>B28-25'</i>										X
<i>B28-30'</i>										X
<i>B28-35'</i>										X
<i>B28-40'</i>										X
<i>B28-45'</i>										X
<i>B29-5'</i>										X
<i>B29-10'</i>										X
<i>B29-15'</i>										X
<i>B29-20'</i>										X
<i>B29-25'</i>										X
<i>B29-30'</i>										X
Relinquished By <i>M. Marella</i>	Company <i>ASE</i>	Date <i>4/10/97</i>	Time <i>12:30 PM</i>	Received By <i>M. W. S.</i>	Company <i>STS</i>	*Sample Co A=Air Bag G=Glass C ST=Steel T				
Relinquished By	Company	Date	Time	Received By	Company					

STS E. L.

7801 Telegraph Road, Suite J.
Montebello, CA 90640

Tel: 213-888-0728
Fax: 213-888-1509

Note: Samples are discarded 30 days after results are reported. Hazardous samples will be returned to client or Distribution: WHITE with report, YELLOW to STS, PINK to

Southland Technical Services Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Lab.

Client Name <i>Aqua Science Engineers</i>					Analyses Requested					
Address										
Report Attention		Phone # Fax #		Sampled By						
Project No./Name <i>Tadler</i>		Project Site <i>363 W. 133rd St., Los Angeles</i>								
Client Sample ID	Sample Collection		Matrix Type	Sample Preserve	No., type & size of container	602/8020 (BTEX)	8015M (Gasoline)	8015M (Diesel)	418.1	EPA 8260
	Date	Time								
<i>B29-35'</i>	<i>4/10/97</i>		<i>Soil</i>		<i>1 X BT</i>					<i>X</i>
<i>B29-40'</i>	<i>↓</i>		<i>↓</i>		<i>↓</i>					<i>X</i>
<i>B29-45'</i>	<i>↓</i>		<i>↓</i>		<i>↓</i>					<i>X</i>
Relinquished By <i>[Signature]</i> ASE		Date <i>4/10/97</i>		Time <i>12:30 PM</i>		Received By <i>[Signature]</i> STS		Company		*Sample C
Relinquished By		Date		Time		Received By		Company		A=Air Bag G=Glass ST=Steel

STS E. L.
7801 Telegraph Road, Suite J. Tel: 213-888-0728
Montebello, CA 90640 Fax: 213-888-1509

Note: Samples are discarded 30 days after results are reported. Hazardous samples will be returned to client on request.
Distribution: WHITE with report, YELLOW to STS, PINK to client.

EXHIBIT 9