REQUIRED INFORMATION FORM

INSTRUCTIONS: This form is to be filled out completely and must be the first page of any document, including all reports, submitted to the Los Angeles Fire Department (LAFD) Underground Storage Tank Unit (UST). To ensure accuracy this form must be completed on the computer or typed out. **Hand printing or writing will not be accepted.** The correct LAFD **Facility I.D. No.** and **Division 5 Permit No.** must be included for the submittal to be processed.
**** (SOME INFORMATION IS ALREADY PRE-ENTERED FOR YOUR CONVENIENCE)**

PLEASE NOTE THAT AN ACCOMPANYING INTRODUCTORY LETTER ON YOUR COMPANY LETTERHEAD CANNOT BE SUBSTITUTED FOR THIS FORM.

Today's Date: 4/22/2004

Mail to: City of Los Angeles Fire Department
Environmental Unit – Underground Storage Tanks
Attn: Terrence Palmer
200 North Main Street, Rm. 1700
Los Angeles, CA., 90012

Report Title
(Please select the applicable title from the drop down menu)

Addt'l Requirements - Site Assessment Report

LAFD Facility I.D. No. 10846

LAFD Division 5 Permit No. 9894

Site/Facility Name: ARCO Station No. 0191

Site Address: 3401 Whittier Boulevard **City/State/Zip:** Los Angeles, CA, 90023

Site Facility Description: Gasoline Service Station

Tank Owner/Tank Operator/Responsible Party Contact Information

Contact Name and Title: Roy Thun
Environmental Business Manager

Contact Phone No. 661-287-3855

Company Name: Atlantic Richfield Company

Company Address: 4 Centerpointe Drive

City/State/Zip: La Palma, California 90623

Consultant Information

Contact Name and Title: Cathy Sanford
Associate Geologist

Contact Phone No. 714-379-3366

Company Name: SECOR International Incorporated

Company Address: 11085 Knott Avenue Suite B

City/State/Zip: Cypress, California 90630

SECOR
SECOR INTERNATIONAL INCORPORATED
www.secor.com

July 15, 2005
14BP.00191.03.0136

Inspector Terrence Palmer
City of Los Angeles Fire Department
Environmental Unit – Underground Storage Tank
200 North Main Street, Room 1700
Alhambra, California 91803-1331

SUBJECT: Second Quarter 2005 Site Status Report
ARCO Facility 00191
3401 Whittier Boulevard
Los Angeles, California
LAFD Facility ID Number 10846
LAFD Division 5 Permit Number 9894

Dear Inspector Palmer,

Attached please find the Second Quarter 2005 Site Status Report prepared by SECOR International Incorporated on behalf of Atlantic Richfield Company. Should you have any questions regarding the contents of this report, please call Ms. Cathy Sanford at (714) 379-3366 extension 276.

Respectfully submitted,
SECOR International Incorporated

Prepared by:

Carrie Salinko for

Nicole Alkov
Staff Geologist

PROFESSIONAL GEOLOGIST
CATHY L. SANFORD
No. 7956
STATE OF CALIFORNIA

Reviewed and Approved by:

Cathy L. Sanford

Cathy L. Sanford, PG 7956
Associate Geologist

Enclosure

cc: Mr. Roy Thun, Atlantic Richfield Company

ATLANTIC RICHFIELD COMPANY QUARTERLY SITE STATUS REPORT
Second Quarter 2005
July 15, 2005

ARCO Facility:	00191	Address:	3401 Whittier Boulevard, California
Atlantic Richfield Co. Contact/Phone No.:		Mr. Roy Thun/ (661) 287-3855	
Consulting Co./Contact/Phone No.:		SECOR / Ms. Cathy Sanford/ (714) 379-3366 Ext. 276	
SECOR Project No.:		14BP.00191.03.0136	
Primary Agency/Regulatory ID No.:		Mr. Terrence Palmer, Los Angeles City Fire Department / Facility ID #10846, Div 5 Permit #9894	
Other Agencies to Receive Copies:		None	

WORK PERFORMED THIS QUARTER [Second - 2005]:

1. Prepared and submitted Site Status Report.
2. Prepared and submitted Additional Site Assessment Report and Remedial Action Plan to LAFD on June 6, 2005.

WORK PROPOSED NEXT QUARTER [Third - 2005]:

1. Prepare and submit Site Status Report.
2. Conduct proposed remedial activity pending agency approval.

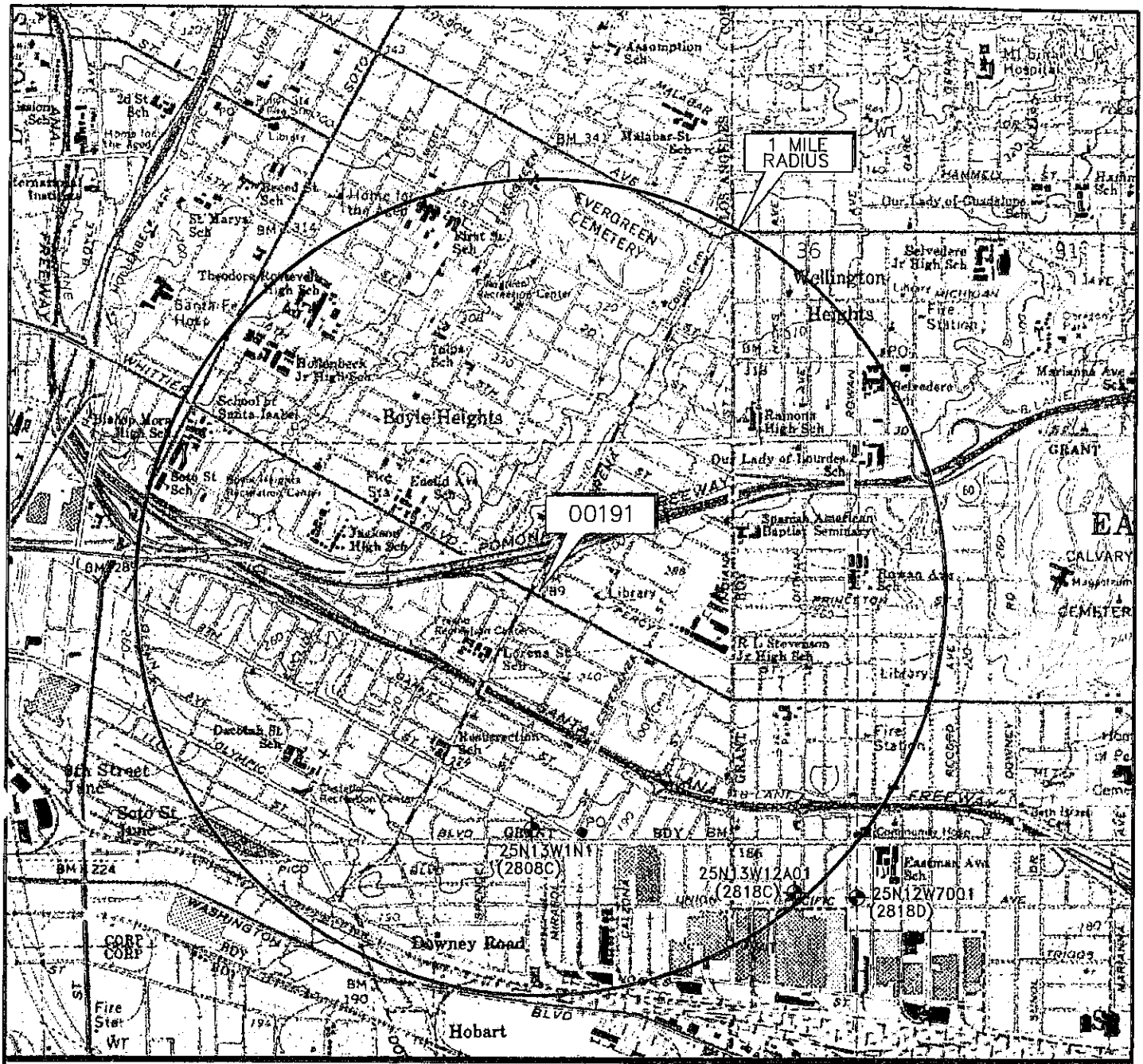
Current Phase of Project:	Assessment	(Assmnt, Remed. etc.)
Frequency of Sampling:	Not Applicable	(Quarterly, etc.)
Frequency of Monitoring:	Not Applicable	(Monthly, etc.)
Is Liquid Phase Hydrocarbon Present On-site:	No	(Yes/No)
Cumulative LPH Recovered to Date:	0	(gallons)
LPH Recovered This Quarter:	0	(gallons)
Bulk Soil Removed to Date:	0	(tons)
Bulk Soil Removed This Quarter:	0	(cubic yards)
Water Wells or Surface Waters within a 1 mile Radius & Their Respective Directions:	2808C – 3,200' South; 2818C – 5,200' Southeast	(Distance and Direction)
Current Remediation Techniques:	None	(SVES, LPH Removal, etc.)
Permits for Discharge:	Not Applicable	(NPDES, POTW, etc.)
Approximate Depth to Groundwater	Estimated <150 feet bgs	(Measured Feet)
Groundwater Gradient:	Unknown	(Direction)
	Unknown	(Magnitude)

Summary of Unusual Activity: None

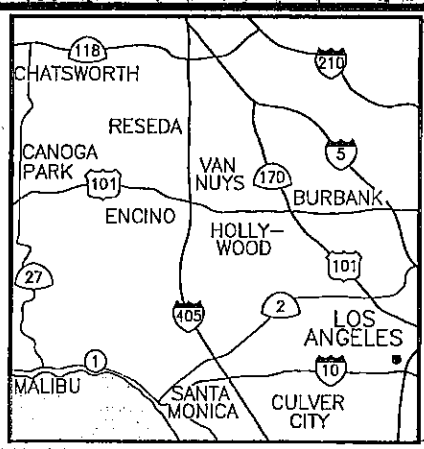
Agency Directive Requirements: Conduct additional site assessment activities as requested by the Los Angeles City Fire Department in a letter dated April 22, 2004

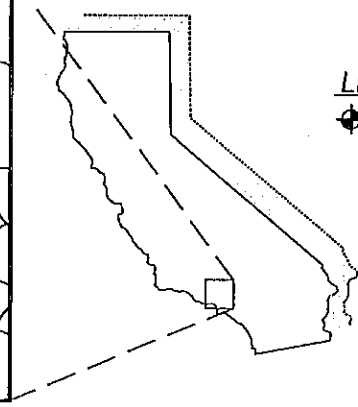
ATTACHED:

Figure 1 - Site Location Map Showing Identified Wells Within One-Mile Radius
Figure 2 - Site Map
Table 1 - Soil Analytical Data



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, LOS ANGELES QUADRANGLE, 1966
PHOTOREVISED 1981
MINOR REVISION 1994





LEGEND

MUNICIPAL WELL (INACTIVE)

N

0 2000 4000

APPROXIMATE SCALE IN FEET

SECOR

11085 KNOTT AVENUE, SUITE B
CYPRESS, CALIFORNIA
PHONE: (714)379-3366/FAX: (714)379-3375

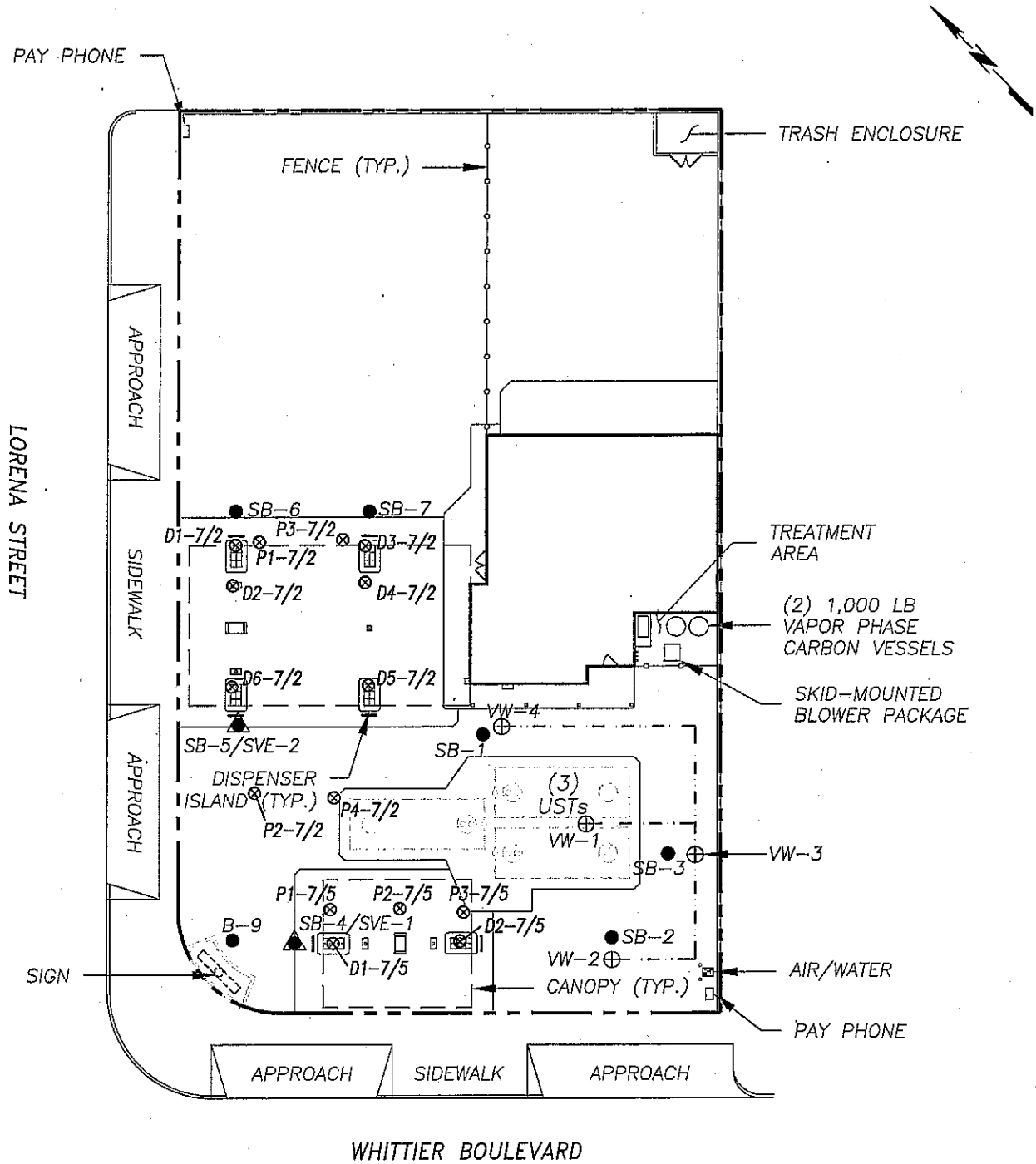
PREPARED FOR:
ATLANTIC RICHFIELD COMPANY
ARCO FACILITY 00191
3401 WHITTIER BOULEVARD
LOS ANGELES, CALIFORNIA

SITE LOCATION MAP SHOWING IDENTIFIED WELLS WITHIN A ONE-MILE RADIUS

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
14BP.00191.03.0136	L. RAMIREZ	C. YETMAN	C. SANFORD	APRIL 2005

A191_1Q05.DWG



LEGEND

- SITE PROPERTY LINE
- 2" PVC UNDERGROUND VAPOR EXTRACTION PIPING
- VW-1 — VAPOR EXTRACTION WELL
- SB-4/SVE-1 — SOIL BORING (CONVERTED TO VAPOR EXTRACTION WELL)
- D1-7/5 — SOIL SAMPLE LOCATION
- SB-1 — SOIL BORING

NOTES:

1. SOURCE OF BASE MAP: F.F & ASSOCIATES, DATED JUNE 1, 2001.
2. NOT A SURVEYED MAP, SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 30 60

APPROXIMATE SCALE IN FEET

SECOR
11085 KNOTT AVENUE, SUITE B
CYPRESS, CALIFORNIA
PHONE: (714)379-3366/FAX: (714)379-3375

PREPARED FOR:
ATLANTIC RICHFIELD COMPANY
ARCO FACILITY 00191
3401 WHITTIER BOULEVARD
LOS ANGELES, CALIFORNIA

SITE MAP

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
14BP.00191.03.0136	L. RAMIREZ	C. YETMAN	C. SANFORD	JUNE 2005

FILEPATH:X:\Active\ARCO\00191\191SP6-05.dwg|lramirez|Jul 07, 2005 at 14:38|Layout: FIGURE 2

191SP6-05.DWG

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
ARCO FACILITY 00191
3401 WHITTIER BOULEVARD
LOS ANGELES, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH feet	SAMPLE DATE	TPHg mg/kg	BENZENE mg/kg	TOLUENE mg/kg	ETHYL-BENZENE mg/kg	TOTAL XYLENES mg/kg	Ethanol mg/kg	MTBE mg/kg	TBA mg/kg	DIPE mg/kg	ETBE mg/kg	TAME mg/kg
VW-1-20	20	12/18/90	3,000	<0.05	15	20	430	N/A	N/A	N/A	N/A	N/A	N/A
VW-1-25	25	12/18/90	23	1.5	1.5	0.35	2.1	N/A	N/A	N/A	N/A	N/A	N/A
VW-1-30	30	12/18/90	<1.0	<0.05	0.12	<0.05	0.12	N/A	N/A	N/A	N/A	N/A	N/A
VW-1-35	35	12/18/90	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-1-40	40	12/18/90	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-1-45	45	12/18/90	<1.0	<0.05	0.16	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-1-50	50	12/18/90	<1.0	<0.05	0.15	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-2-4	4	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-2-9	9	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-2-14	14	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-2-19	19	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-2-24	24	5/14/91	87	0.69	0.22	2.9	6.2	N/A	N/A	N/A	N/A	N/A	N/A
VW-2-29	29	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-2-34	34	5/14/91	1.5	0.18	0.09	0.09	0.13	N/A	N/A	N/A	N/A	N/A	N/A
VW-2-39	39	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-3-5	5	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-3-10	10	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-3-15	15	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-3-20	20	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-3-25	25	5/14/91	<1.0	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A
VW-3-30	30	5/14/91	<1.0	<0.05	0.11	<0.05	0.09	N/A	N/A	N/A	N/A	N/A	N/A
VW-3-35	35	5/14/91	2.1	<0.05	0.23	0.10	0.44	N/A	N/A	N/A	N/A	N/A	N/A
VW-4-5	5	3/24/92	85	<0.005	<0.005	<0.005	0.047	N/A	N/A	N/A	N/A	N/A	N/A
VW-4-10	10	3/24/92	3,100	0.77	<0.005	2.1	20	N/A	N/A	N/A	N/A	N/A	N/A
VW-4-15	15	3/24/92	<1.0	<0.005	<0.005	<0.005	<0.015	N/A	N/A	N/A	N/A	N/A	N/A
VW-4-20	20	3/24/92	<1.0	<0.005	0.087	0.6	2.5	N/A	N/A	N/A	N/A	N/A	N/A
VW-4-25	25	3/24/92	1.0	0.005	0.021	0.011	0.056	N/A	N/A	N/A	N/A	N/A	N/A
VW-4-30	30	3/24/92	2.2	0.017	0.047	0.013	0.074	N/A	N/A	N/A	N/A	N/A	N/A
VW-4-35	35	3/24/92	<1.0	<0.005	<0.005	<0.005	<0.015	N/A	N/A	N/A	N/A	N/A	N/A
D1-7/2	3	7/2/01	<0.620	<0.280	<0.280	<0.280	0.11	N/A	<0.560	<2.8	<0.560	<0.560	<0.560
D2-7/2	3	7/2/01	0.77	<0.0050	<0.0050	<0.0050	<0.0050	N/A	0.027	<0.050	<0.010	<0.010	<0.010
D3-7/2	3	7/2/01	860	<2.5	3.8	18	80	N/A	<5.0	<25.0	<5.0	<5.0	<5.0
D4-7/2	3	7/2/01	530	<0.24	<0.24	1	0.74	N/A	<0.480	<2.4	<0.480	<0.480	<0.480
D5-7/2	3	7/2/01	1,000	7.8	23	24	110	N/A	15	<8.5	<1.7	<1.7	<1.7
D6-7/2	3	7/2/01	130	<0.290	<0.290	0.55	1.5	N/A	3.1	<2.90	<0.580	<0.580	<0.580
P1-7/2	3	7/2/01	0.33	<0.0061	<0.0061	<0.0061	<0.0061	N/A	0.3	0.036	<0.012	<0.012	<0.012
P2-7/2	3	7/2/01	1,700	<2.8	<2.8	27	<2.8	N/A	<5.7	<28.0	<5.70	<5.70	<5.70
P3-7/2	3	7/2/01	260	0.27	<0.230	3.1	0.34	N/A	1.9	<2.30	<0.450	<0.450	<0.450
P4-7/2	3	7/2/01	590	<0.240	<0.240	1.7	9.9	N/A	0.28	<2.40	<0.480	<0.480	<0.480
D1-7/5	3	7/5/01	4.0	<0.270	<0.270	<0.270	0.23	N/A	0.85	<2.70	<0.550	<0.550	<0.550
D2-7/5	3	7/5/01	<0.560	<0.0062	<0.0062	<0.0062	<0.0062	N/A	<0.012	<0.062	<0.012	<0.012	<0.012

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SUMMARY OF SOIL ANALYTICAL DATA
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3401 WHITTIER BOULEVARD
LOS ANGELES, CALIFORNIA

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P1-7/5	3	7/5/01	1.3	<0.270	0.23	<0.270	0.31	N/A	1.9	<2.70	<0.540	<0.540	<0.540
P2-7/5	3	7/5/01	20	<0.270	0.14	0.13	0.69	N/A	0.74	<2.70	<0.530	<0.530	<0.530
P3-7/5	3	7/5/01	<0.500	<0.0050	<0.0050	<0.0050	<0.0050	N/A	<0.010	<0.050	<0.010	<0.010	<0.010
SB-1-5	5	3/3/03	0.18 J	<0.0015	<0.0015	<0.0015	<0.0030	<0.11	<0.0038	<0.038	<0.0038	<0.0038	<0.0038
SB-1-10	10	3/3/03	<0.84	<0.0020	0.0010 J	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-1-15	15	3/3/03	850	<0.0018	0.00092 J	0.0041	0.0019 J	<0.13	<0.0045	<0.045	<0.0045	<0.0045	<0.0045
SB-1-20	20	3/3/03	0.10 J	<0.0016	<0.0016	<0.0016	<0.0032	<0.12	<0.0040	<0.040	<0.0040	<0.0040	<0.0040
SB-1-25	25	3/3/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-1-30	30	3/3/03	<1.1	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-1-35	35	3/3/03	<0.81	<0.0016	<0.0016	<0.0016	<0.0032	<0.12	<0.0040	<0.040	<0.0040	<0.0040	<0.0040
SB-1-40	40	3/3/03	<0.77	<0.0016	<0.0016	<0.0016	<0.0032	<0.12	<0.0040	<0.040	<0.0040	<0.0040	<0.0040
SB-1-45	45	3/3/03	<1.0	<0.0018	<0.0018	<0.0018	<0.0035	<0.13	<0.0044	<0.044	<0.0044	<0.0044	<0.0044
SB-1-50	50	3/3/03	<1.0	<0.0016	<0.0016	<0.0016	<0.0031	<0.12	<0.0039	<0.039	<0.0039	<0.0039	<0.0039
SB-1-55	55	3/3/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-1-60	60	3/3/03	<0.87	<0.0018	<0.0018	<0.0018	<0.0035	<0.13	<0.0044	<0.044	<0.0044	<0.0044	<0.0044
SB-1-65	65	3/3/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-1-70	70	3/3/03	<1.0	<0.0020	0.00061 J	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-1-75	75	3/3/03	<0.88	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-2-5	5	3/3/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-2-10	10	3/3/03	<0.78	<0.0017	<0.0017	<0.0017	<0.0034	<0.13	<0.0042	<0.042	<0.0042	<0.0042	<0.0042
SB-2-15	15	3/3/03	<0.84	<0.0016	<0.0016	<0.0016	<0.0031	<0.12	<0.0039	<0.039	<0.0039	<0.0039	<0.0039
SB-2-20	20	3/3/03	<1.0	<0.0018	<0.0018	<0.0018	<0.0036	<0.13	<0.0045	<0.045	<0.0045	<0.0045	<0.0045
SB-2-25	25	3/3/03	<0.85	0.0031	<0.0020	0.00064 J	<0.0040	<0.15	0.0056	<0.050	<0.0050	<0.0050	<0.0050
SB-2-30	30	3/3/03	<1.0	<0.0018	<0.0018	<0.0018	<0.0035	<0.13	<0.0044	<0.044	<0.0044	<0.0044	<0.0044
SB-2-35	35	3/3/03	<0.81	<0.0015	<0.0015	<0.0015	<0.0031	<0.12	<0.0039	<0.039	<0.0039	<0.0039	<0.0039
SB-2-40	40	3/3/03	<0.76	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-2-45	45	3/3/03	<0.82	<0.0017	<0.0017	<0.0017	<0.0033	<0.12	<0.0041	<0.041	<0.0041	<0.0041	<0.0041
SB-2-50	50	3/3/03	<0.79	<0.0016	<0.0016	<0.0016	<0.0033	<0.12	<0.0041	<0.041	<0.0041	<0.0041	<0.0041
SB-2-55	55	3/3/03	<1.0	<0.0017	<0.0017	<0.0017	<0.0034	<0.13	<0.0043	<0.043	<0.0043	<0.0043	<0.0043
SB-2-60	60	3/3/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-2-65	65	3/3/03	<0.84	<0.0018	<0.0018	<0.0018	<0.0036	<0.14	<0.0045	<0.045	<0.0045	<0.0045	<0.0045
SB-3-5	5	3/4/03	<0.73	<0.0016	<0.0016	<0.0016	<0.0032	<0.12	<0.0040	<0.040	<0.0040	<0.0040	<0.0040
SB-3-10	10	3/4/03	<1.2	<0.0015	<0.0015	<0.0015	<0.0031	<0.12	<0.0038	<0.038	<0.0038	<0.0038	<0.0038
SB-3-15	15	3/4/03	<1.0	<0.0018	<0.0018	<0.0018	<0.0036	<0.13	<0.0045	<0.045	<0.0045	<0.0045	<0.0045
SB-3-20	20	3/4/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-3-25	25	3/4/03	1.1	0.18	<0.17	8.1	2.0	<25	<0.41	<8.3	<0.41	<0.41	<0.41
SB-3-30	30	3/4/03	<1.1	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-3-35	35	3/4/03	<0.81	<0.0015	<0.0015	<0.0015	<0.0031	<0.12	<0.0039	<0.039	<0.0039	<0.0039	<0.0039
SB-3-40	40	3/4/03	<1.2	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-3-45	45	3/4/03	<0.77	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-3-50	50	3/4/03	<0.75	<0.0014	<0.0014	<0.0014	<0.0028	<0.11	<0.0035	<0.035	<0.0035	<0.0035	<0.0035
SB-3-55	55	3/4/03	<0.83	<0.0017	<0.0017	<0.0017	<0.0035	<0.13	<0.0043	<0.043	<0.0043	<0.0043	<0.0043
SB-3-60	60	3/4/03	<0.89	<0.0023	<0.0023	<0.0023	<0.0046	<0.17	<0.0058	<0.058	<0.0058	<0.0058	<0.0058
SB-3-65	65	3/4/03	<0.87	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-3-70	70	3/4/03	<1.0	<0.0023	<0.0023	<0.0023	<0.0046	<0.17	<0.0058	<0.058	<0.0058	<0.0058	<0.0058
SB-3-75	75	3/4/03	<1.0	<0.0023	<0.0023	<0.0023	<0.0046	<0.17	<0.0058	<0.058	<0.0058	<0.0058	<0.0058

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
ARCO FACILITY 00191
3401 WHITTIER BOULEVARD
LOS ANGELES, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH feet	SAMPLE DATE	TPHg mg/kg	BENZENE mg/kg	TOLUENE mg/kg	ETHYL-BENZENE mg/kg	TOTAL XYLENES mg/kg	Ethanol mg/kg	MTBE mg/kg	TBA mg/kg	DIPE mg/kg	ETBE mg/kg	TAME mg/kg
SB-4/SVE-1-5	5	3/4/03	<0.77	<0.0015	<0.0015	<0.0015	<0.0030	<0.11	<0.0038	<0.038	<0.0038	<0.0038	<0.0038
SB-4/SVE-1-10	10	3/4/03	<0.90	<0.0017	<0.0017	<0.0017	<0.0033	<0.13	0.0018 J	<0.042	<0.0042	<0.0042	<0.0042
SB-4/SVE-1-15	15	3/4/03	<0.85	<0.0017	<0.0017	<0.0017	<0.0034	<0.13	0.0010 J	<0.042	<0.0042	<0.0042	<0.0042
SB-4/SVE-1-20	20	3/4/03	210	<0.17	0.094 J	5.3	28	<25	<0.42	<8.4	<0.42	<0.42	<0.42
SB-4/SVE-1-25	25	3/4/03	1,300	1.9	64	64	330	<240	<4.1	<81	<4.1	<4.1	<4.1
SB-4/SVE-1-30	30	3/4/03	1,600	<0.40	9.1	22	110	<60	<1.0	<20	<1.0	<1.0	<1.0
SB-4/SVE-1-35	35	3/4/03	0.23 J	0.090	0.72	0.19	0.95	<11	<0.19	<3.8	<0.19	<0.19	<0.19
SB-4/SVE-1-40	40	3/4/03	0.37 J	0.024	0.15	0.050	0.25	<0.11	0.010	<0.037	<0.0037	<0.0037	<0.0037
SB-4/SVE-1-45	45	3/4/03	0.75 J	0.15	0.67	0.32	1.6	<12	<0.20	<4.0	<0.20	<0.20	<0.20
SB-4/SVE-1-50	50	3/4/03	0.11 J	0.11	0.030 J	0.23	0.83	<11	<0.19	<3.8	<0.19	<0.19	<0.19
SB-4/SVE-1-55	55	3/4/03	0.27 J	0.10	0.043J	0.21	0.79	<11	<0.19	<3.8	<0.19	<0.19	<0.19
SB-4/SVE-1-60	60	3/4/03	<1.4	<0.0018	0.00056	0.00062 J	0.0031 J	<0.13	<0.0044	<0.044	<0.0044	<0.0044	<0.0044
SB-4/SVE-1-65	65	3/4/03	<1.0	<0.0018	0.0025	0.0016 J	0.010	<0.13	<0.0044	<0.044	<0.0044	<0.0044	<0.0044
SB-4/SVE-1-70	70	3/4/03	0.13 J	<0.0018	0.00061 J	<0.0018	0.0026 J	<0.13	<0.0045	<0.045	<0.0045	<0.0045	<0.0045
SB-4/SVE-1-75	75	3/4/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-4/SVE-1-80	80	3/4/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-4/SVE-1-85	85	3/4/03	<1.0	<0.0020	<0.0020	<0.0020	0.0012 J	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-4/SVE-1-90	90	3/4/03	<0.90	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-4/SVE-1-95	95	3/4/03	<1.2	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-4/SVE-1-100	100	3/4/03	<0.90	<0.0017	<0.0017	<0.0017	<0.0034	<0.13	<0.0044	<0.044	<0.0044	<0.0044	<0.0044
SB-5/SVE-2-5	5	3/5/03	1.0	<0.0015	<0.0015	0.059	0.082	<0.11	0.0017 J	0.027 J	<0.0037	<0.0037	<0.0037
SB-5/SVE-2-10	10	3/5/03	<1.0	0.0015 J	0.00071 J	0.0065	0.0051	<0.14	0.033	0.94	<0.0045	<0.0045	<0.0045
SB-5/SVE-2-15	15	3/5/03	1,100	0.065 J	1.5	2.4	13	<15	0.074 J	<5.0	<0.25	<0.25	<0.25
SB-5/SVE-2-20	20	3/5/03	<1.0	0.0074	0.056	0.020	0.14	<0.13	0.072	0.13	<0.0043	<0.0043	<0.0043
SB-5/SVE-2-25	25	3/5/03	6,800	3.4	160	100	530	<380	<6.2	<120	<6.2	<6.2	<6.2
SB-5/SVE-2-30	30	3/5/03	16	0.0071	0.014	0.034	0.19	<0.15	0.022	0.035 J	<0.0050	<0.0050	<0.0050
SB-5/SVE-2-35	35	3/5/03	<1.0	0.022	0.034	0.097	0.43	<0.13	0.051	0.050	<0.0042	<0.0042	<0.0042
SB-5/SVE-2-40	40	3/5/03	<0.91	<0.0018	<0.0018	<0.0018	<0.0036	<0.14	<0.0045	<0.045	<0.0045	<0.0045	<0.0045
SB-5/SVE-2-45	45	3/5/03	<0.81	0.0018	0.019	0.0077	0.039	<0.13	<0.0043	<0.043	<0.0043	<0.0043	<0.0043
SB-5/SVE-2-50	50	3/5/03	<0.86	<0.0015	<0.0015	<0.0015	<0.0029	<0.11	<0.0037	<0.037	<0.0037	<0.0037	<0.0037
SB-5/SVE-2-55	55	3/5/03	<0.84	<0.0017	<0.0017	<0.0017	<0.0034	<0.13	<0.0043	<0.043	<0.0043	<0.0043	<0.043
SB-5/SVE-2-60	60	3/5/03	<1.1	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-5/SVE-2-65	65	3/5/03	<0.90	<0.0017	0.00082 J	<0.0017	0.0022 J	<0.13	<0.0044	<0.044	<0.0044	<0.0044	<0.0044
SB-5/SVE-2-70	70	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-5/SVE-2-75	75	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-6-5	5	3/5/03	<0.78	<0.0017	<0.0017	<0.0017	0.0011 J	<0.13	<0.0042	<0.042	<0.0042	<0.0042	<0.0042
SB-6-10	10	3/5/03	<0.89	<0.0020	<0.0020	<0.0020	0.0010 J	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-6-15	15	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	0.0013 J	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-6-20	20	3/5/03	<1.0	<0.0016	<0.0016	<0.0016	<0.0033	<0.12	<0.0041	<0.041	<0.0041	<0.0041	<0.0041
SB-6-25	25	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-6-30	30	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-6-35	35	3/5/03	<0.81	<0.0016	<0.0016	<0.0016	<0.0031	<0.12	<0.0039	<0.039	<0.0039	<0.0039	<0.0039
SB-6-40	40	3/5/03	<0.78	<0.0016	<0.0016	<0.0016	<0.0032	<0.12	<0.0039	<0.039	<0.0039	<0.0039	<0.0039
SB-6-45	45	3/5/03	<0.89	<0.0015	<0.0015	<0.0015	<0.0029	<0.11	<0.0037	<0.037	<0.0037	<0.0037	<0.0037
SB-6-50	50	3/5/03	<0.87	<0.0016	<0.0016	<0.0016	<0.0031	<0.12	<0.0039	<0.039	<0.0039	<0.0039	<0.0039

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
ARCO FACILITY 00191
3401 WHITTIER BOULEVARD
LOS ANGELES, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH feet	SAMPLE DATE	TPHg mg/kg	BENZENE mg/kg	TOLUENE mg/kg	ETHYL-BENZENE mg/kg	TOTAL XYLENES mg/kg	Ethanol mg/kg	MTBE mg/kg	TBA mg/kg	DIPE mg/kg	ETBE mg/kg	TAME mg/kg
SB-7-5	5	3/5/03	<0.91	<0.0018	<0.0018	<0.0018	<0.0035	<0.13	0.051	<0.044	<0.0044	<0.0044	<0.0044
SB-7-10	10	3/5/03	<0.87	<0.0020	<0.0020	<0.0020	0.0010 J	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-7-15	15	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-7-20	20	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	0.0022 J	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-7-25	25	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-7-30	30	3/5/03	<1.2	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-7-35	35	3/5/03	<0.82	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-7-40	40	3/5/03	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-7-45	45	3/5/03	<0.87	<0.0020	<0.0020	<0.0020	<0.0040	<0.15	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
SB-7-50	50	3/5/03	<1.0	<0.0015	<0.0015	<0.0015	<0.0031	<0.12	<0.0038	<0.038	<0.0038	<0.0038	<0.0038
B-9-5	5	11/10/04	0.17	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
B-9-10	10	11/10/04	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
B-9-15	15	11/10/04	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	0.034	<0.0050	<0.0050	<0.0050
B-9-20	20	11/10/04	970	1.3	32	18	86	N/A	<0.91	<18	<0.91	<0.91	<0.91
B-9-25	25	11/10/04	0.32 J	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	0.018	<0.0050	<0.0050	<0.0050
B-9-30	30	11/10/04	5,900	1.1	37	71	370	N/A	<2.8	<57	<2.8	<2.8	<2.8
B-9-35	35	11/10/04	0.64 J	0.0017	0.0012	0.010	0.029	N/A	0.0048	<0.0050	<0.0050	<0.0050	<0.0050
B-9-40	40	11/10/04	0.22 J	0.00046	<0.0018	<0.0018	0.0024 J	N/A	0.0018 J	<.044	<0.0044	<0.0044	<0.0044
B-9-45	45	11/10/04	0.21J	<0.0016	<0.0016	<0.0016	0.0013 J	N/A	<0.004	<0.040	<0.0040	<0.0040	<0.0040
B-9-50	50	11/10/04	0.19 J	0.00084	<0.0016	0.0039	0.012	N/A	0.0017	0.012	<0.0040	<0.0040	<0.0040
B-9-55	55	11/10/04	<1.2	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
B-9-60	60	11/10/04	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
B-9-65	65	11/10/04	<1.2	<0.0024	<0.0024	<0.0024	<0.0047	N/A	<0.0059	<0.059	<0.0059	<0.0059	<0.0059
B-9-70	70	11/10/04	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
B-9-75	75	11/10/04	<1.3	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	<0.050	<0.0050	<0.0050	<0.0050
B-9-80	80	11/10/04	<1.0	<0.0020	<0.0020	<0.0020	<0.0040	N/A	<0.0050	<0.050	<0.0050	<0.0050	<0.0050

Notes:
mg/kg- Milligrams per kilogram
N/A - Data Not Available
J - Estimated value (below laboratory reporting limit and above method detection limit)
<0.0020 - Below reporting limit and method detection limit

TPHg - Total petroleum hydrocarbons as gasoline (C_4-C_{12})
MTBE - Methyl-tertiary-butyl ether
ETBE - Ethyl-tertiary-butyl ether
TBA - Tertiary butanol
DIPE - Di-isopropyl ether
TAME - Tertiary-amyl-methyl ether