



May 17, 2002

MAY 21 2002

Mr. Don Hwang  
Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Regarding: **March 2002 Quarterly Groundwater Sampling Report**  
Former Vogue Tyres Facility  
240 West MacArthur Boulevard  
Oakland, California

Dear Mr. Hwang,

Please find enclosed the March 2002 Quarterly Groundwater Sampling Report prepared by **Advanced Environmental Concepts, Inc. (AEC)** for the above referenced project/location.

Should you have any questions or require clarification on any aspects of the enclosed, please do not hesitate to contact our office at (661) 831-1646.

Respectfully yours,

**Advanced Environmental Concepts, Inc.**

Debbie Irwin  
Office Administrator

Attachments: Reports (1)

cc: Mr. Warren Dodson  
Mr. Glen Poywling

• ENVIRONMENTAL CONCEPTS WITH DESIGN IN MIND •



April 19, 2002

Mr. Warren Dodson  
Dodson Ltd.  
P.O. Box 67809  
Los Angeles, California 90067-0809

MAY 21 2002

Regarding: **March 2002 Quarterly Groundwater Sampling**  
Former Vogue Tyres Facility  
240 West MacArthur Boulevard  
Oakland, California

Dear Mr. Dodson:

**Advanced Environmental Concepts, Inc. (AEC)** is pleased to present this report of groundwater sampling performed at the former Vogue Tyres facility, 240 West MacArthur Boulevard, Oakland, California (**Attachment A, Figure 1**).

## Background

The former Gulf Service Station originally operated three 10,000 gallon gasoline underground storage tanks (USTs), and one 350 gallon waste oil UST. Historical records indicate that the Gulf station existed since at least 1950. The current location of the Shell Service Station, located adjacent to, and south of the subject site was a fueling station since at least 1952. The three Gulf gasoline USTs were located at the northern portion of the property, (underneath the current building), and the waste oil UST was west of the service bays. The two pump islands were west of the northern portion of the existing building. The 350 gallon waste oil UST was removed in October 1996 by All Environmental, Inc (AEI).

On October 3, 1996, AEI removed the previously identified 350 gallon waste oil UST located west of the service bays. Visual staining of waste oil range hydrocarbons was identified on the floor and sidewalls of the excavation. Confirmation soil samples collected from the excavation indicated that soil beneath the former UST emplacement were impacted with minor concentrations of petroleum hydrocarbons. At the request of ACHCS, AEI expanded the size of the excavation, then collected additional confirmation soil samples which indicated the successful removal of the contamination. Groundwater was not encountered during this excavation phase, however, due to the estimated proximity of the contamination to groundwater, a subsurface investigation was required by the County.

On January 8, 1997, AEI conducted a subsurface investigation consisting of six borings using a Geoprobe. Borings BH-1, BH-2, BH-4, and BH-6 were advanced to 20 feet below grade level (BGL), and BH-3 and BH-5 were probed to 16 feet BGL. Soil samples were collected at intervals of 5 feet, and "grab" groundwater samples were collected from inside the borings. Groundwater was identified at approximately 16 feet BGL.

The soil samples were analyzed in accordance with California Department of Health Services (CA DHS) method for total petroleum hydrocarbons as gasoline and diesel (TPH-g,d) and EPA Method 8020 for volatile aromatics (BTXE), and methyl tertiary butyl ether (MTBE). The soil samples were also analyzed for total lead, oil and grease, and poly nuclear aromatics (PNAs).

Total lead concentrations ranged from 4.6 mg/kg to 23 mg/kg which is below the recommended action level of 50 mg/kg. MTBE was non-detect for all samples analyzed, oil and grease were only run on BH-2 and BH-3 and was less than 50 mg/kg, and the PNAs exhibited trace concentrations ranging between 1.1 and 41  $\mu$ g/kg.

The groundwater samples were analyzed in accordance with California Department of Health Services (CA DHS) method for total petroleum hydrocarbons as gasoline and diesel (TPH-g,d) and EPA Method 8020 for volatile aromatics (BTXE), and methyl tertiary butyl ether (MTBE). Groundwater samples were also analyzed for total lead, oil and grease, and poly nuclear aromatics (PNAs).

Soluble lead concentrations were below detection limits, MTBE ranged from below detection limits to 320 ug/L in BH6W, oil and grease were only run on BH2W and was less than 5 mg/L, and the PNAs exhibited non detectable concentrations.

On August 7, 1997, AEC supervised the drilling of three Geoprobe soil borings (BH-7, BH-8, and BH-9), and installation of four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-4) proximal to the western dispenser islands, and south, west, and north of the former UST emplacement. The investigative groundwater wells and Geoprobe borings were positioned to assess the vertical and lateral migration of hydrocarbons in the subsurface and to evaluate groundwater quality.

In accordance with directives issued by ACHCS in a letter dated May 16, 2000, groundwater samples collected during June 2000 were also analyzed for the presence of ether oxygenates, specifically: Tertiary Amyl Methyl Ether (TAME), Diisopropyl Ether (DIPE), Ethyl Tertiary Butyl Ether (ETBE), Tertiary Butyl Alcohol (TBA) and the following lead scavengers: Ethylene Dibromide (EDB), Ethylene Dichloride (EDC), and 1,2-Dichloroethane (1,2-DCA).

On February 13, 2001 AEC drilled, sampled, and installed four additional groundwater monitoring wells (MW-5, MW-6, MW-7, and MW-8) on the subject property and offsite in MacArthur Boulevard and Howe Street. Soil and groundwater samples were collected from the newly installed wells and reported in prior quarterly sampling reports.

In addition to the quarterly groundwater sampling AEC conducted a "hi-vac" feasibility study from October 22-26, 2001. The "hi-vac" study consisted of removing impacted soil vapor and groundwater primarily from monitoring wells MW-1, MW-2, MW-3, and MW-5.

This latest groundwater sampling report documents the methods and procedures used and the laboratory analytical results obtained from the latest groundwater sampling event conducted at the subject property on March 18, 2002.

## Groundwater Sampling

The groundwater samples were collected in accordance with the following protocol.

- 1) Depth to ground water was measured in each of the wells;
- 2) A bailer was used to collect a water sample from the potentiometric surface to visually determine whether free hydrocarbons or a sheen can be identified;
- 3) Initial readings of pH, Temperature, and Conductivity were obtained (**Attachment B**);

- 4) The water samples were collected in a clean, stainless steel bailer, then transferred to 40-ml. glass VOA vials with Teflon septa. Care was exercised to ensure that no air bubbles were present in the vials;
- 5) The VOA vials were labeled, sealed with tape, wrapped in a protective covering, and placed in an ice chest chilled with frozen Blue Ice with two (2) bailer blanks for transport to the laboratory. Chain-of-custody protocol was followed to ensure sample integrity and traceability;
- 6) The March 2002 samples were analyzed by Baseline On-Site analysis, a California-certified laboratory in Huntington Beach, California, for total petroleum hydrocarbons as gasoline (TPH-g), volatile aromatics (BTXE), and oxygenates by EPA methods 8015-modified and 8260B, respectively. The laboratory reports and chain-of-custody documentation are presented in **Attachment C**.

**TABLE 1**  
**Analytical Results - Monitoring Wells**  
**(ppb)**

Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
MW-1	08/8/97	1,140	110	16	112	15	NA
	12/3/97	ND	ND	ND	31	ND	NA
	03/16/98	370	8.9	ND	2.2	ND	18
	07/9/98	6,400	1,300	23	58	3.7	97
	10/19/98	2,500	360	44	150	1.3	ND
	01/19/99	2,700	1,200	28	78	140	130
	6/26/00	27,000	5,200	500	3,100	320	1,300
	12/15/00	976,000	2,490	1,420	10,100	3,640	<150
	02/14/01	NA	NA	NA	NA	NA	NA
	05/11/01	20,000	2,900	310	1,900	230	<30
	07/11/01	92,000	2,900	580	20,000	2,800	560
Pre "hi-vac"	10/22/01	20,000	3,700	560	4,600	410	2,600
Post "hi-vac"	10/26/01	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5
	12/19/01	3,300	200	12	43	5.7	44
	03/18/02	4,600	820	4.4	300	100	210
MW-2	08/08/97	5,350	108	36	144	33	NA
	12/3/97	1,600	73	ND	ND	ND	NA

Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
MW-2	3/16/98	3,400	830	100	240	210	870
	07/09/98	3,100	25	2.2	0.9	ND	1,900
	10/19/98	4,300	ND	1.2	1	ND	4,200
	01/19/99	2,900	160	8.9	7.4	6.9	2,100
	06/26/00	2,700	200	17.0	16.0	30.0	680
	12/15/00	3,020	56.7	<1.5	<1.5	<3.0	3,040
	02/14/01	NA	NA	NA	NA	NA	NA
	05/11/01	720	49	<3	<3	4.6	380
	07/09/01	8,400	350	44	78	77	550
Pre "hi-vac"	10/22/01	850	170	4.9	14	5.1	260
Post "hi-vac"	10/26/01	770	86	5.5	8.5	9.6	310
	12/19/01	1,300	9.2	<2	<2	<2	370
	03/18/02	1,300	76	3.8	15	21	460
MW-3	08/08/97	8,500	450	30	106	53	NA
	12/03/97	5,200	180	6	9.3	5	NA
	03/16/98	1,000	6.0	ND	ND	ND	810
	07/09/98	6,400	490	57	78	23	220
	10/19/98	2,100	ND	ND	ND	ND	ND
	01/19/99	4,400	450	65	42	26	1,300
	06/26/00	1,700	110	13.0	13.0	34.0	96.0
	12/15/00	5,450	445	<7.5	<7.5	23.8	603
	02/14/01	NA	NA	NA	NA	NA	NA
	05/11/01	1,900	180	12	19	<3	330
	07/09/01	10,000	830	160	260	150	560
Pre "hi-vac"	10/22/01	1,400	240	7.8	15	4.1	220
Post "hi-vac"	10/26/01	1,900	200	16	30	51	290
	12/19/01	5,800	93	<20	<20	31	330
	03/18/02	1,900	220	16	24	31	400
MW-4	08/08/97	ND	ND	ND	ND	ND	NA

Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
MW-4	12/03/97	ND	ND	ND	ND	ND	NA
	03/16/98	ND	ND	ND	ND	ND	ND
	07/09/98	ND	ND	ND	ND	ND	ND
	10/19/98	ND	ND	ND	ND	ND	ND
	01/19/99	ND	ND	ND	ND	ND	ND
	06/26/00	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/15/00	<500	<0.3	<0.3	<0.3	<0.6	<0.3
	02/14/01	NA	NA	NA	NA	NA	NA
	05/11/01	<50	1.2	<0.3	1.2	0.55	2.9
	07/09/01	<5	<0.5	<0.5	<0.5	<0.5	<0.5
Pre "hi-vac"	10/22/01	<5	<0.5	<0.5	<0.5	<0.5	<0.5
Post "hi-vac"	10/26/01	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/19/01	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	03/18/02	<50	<1	<1	<1	<1	<1
MW-5	02/14/01	5,660	76.9	21.1	312	47.3	<0.3
	05/11/01	22,000	2,600	480	2,700	220	<30
	07/09/01	72,000	3,500	1,100	22,000	4,300	2,500
Pre "hi-vac"	10/22/01	<b>26,000</b>	<b>2,800</b>	<b>980</b>	<b>950</b>	<b>6,000</b>	<b>2,300</b>
Post "hi-vac"	10/26/01	<b>17,000</b>	<b>1,200</b>	<b>470</b>	<b>440</b>	<b>2,900</b>	<b>900</b>
	12/19/01	<2,000	620	190	910	110	<20
	03/18/02	8,800	1,200	72	350	7.4	1,200
MW-6	02/14/01	1,340	17.0	0.967	51.4	11.1	<0.3
	05/11/01	610	15	0.97	46	<0.5	<0.5
	07/09/01	2,500	130	4.7	170	53	120
Pre "hi-vac"	10/22/01	<b>280</b>	<b>18</b>	<b>1.2</b>	<b>4.7</b>	<b>6.2</b>	<b>6.3</b>
Post "hi-vac"	10/26/01	<b>3,600</b>	<b>210</b>	<b>20</b>	<b>62</b>	<b>170</b>	<b>120</b>
	12/19/01	5,300	69	5.6	17	14	<2
	03/18/02	71	54	4.2	17	27	8.5
MW-7	02/14/01	<0.005	<0.3	<0.3	<0.3	<0.3	284

Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
MW-7	05/11/01	<50	0.75	0.77	2.4	0.48	1.1
	07/09/01	<5	<0.5	<0.5	<0.5	<0.5	<0.5
Pre "hi-vac"	10/22/01	<5	<0.5	<0.5	<0.5	<0.5	<0.5
Post "hi-vac"	10/26/01	6,000	170	550	120	110	970
	12/19/01	<50	<0.5	<0.5	0.9	<0.5	43
	03/18/02	<50	<1	<1	<1	<1	<1
MW-8	02/14/01	1,000	3.97	<0.3	1.63	3.78	620
	05/11/01	<50	<0.5	<0.5	<0.5	<0.5	4.4
	07/09/01	<5	<0.5	<0.5	<0.5	<0.5	<0.5
Pre-"hi-vac"	10/22/01	<5	<0.5	<0.5	<0.5	<0.5	<0.5
Post "hi-vac"	10/26/01	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/19/01	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	03/18/02	<50	<1	<1	<1	<1	<1

TPH-g: Total Petroleum Hydrocarbons as gasoline

The current state maximum contaminant levels (MCLs) for drinking water set by the California Department of Health Services, Title 22 are as follows:

Benzene.....	1 µg/L
Toluene.....	1500 µg/L
Ethylbenzene.....	700 µg/L
Total Xylenes.....	1750 µg/L
MTBE.....	13 µg/L

## Conclusions

The groundwater sampling results continue to indicate trace to non detectable concentrations of gasoline constituents analyzed within MW-4 (upgradient well), MW-7 and MW-8 (downgradient wells). MW-7 exhibited a marked increase in gasoline-range hydrocarbons after the vacuum extraction of groundwater in October 2001; however, this appeared to be an anomaly and was proven out during the December 19, 2001, and March 18, 2002 rounds of quarterly groundwater sampling. MW-6 exhibits trace concentrations of TPH-gasoline and all volatiles with the exception of Benzene. The gasoline concentrations for MW-6 have shown a decreasing trend since the "hi-vac" process in October 2001.

MW-1, MW-2, MW-3, and MW-5 continue to exhibit elevated concentrations for TPH-gasoline and volatile organic concentrations, however, the concentrations appear to be on a stabilizing and primarily decreasing trend. It appears that using vacuum extraction on the contaminated groundwater in MW-1 and MW-5 appears to have reduced and stabilized the groundwater plume. The wells are "spiking" upwards, however, concentrations remain well below pre "hi-vac" concentrations.

Oxygenate analyses were again conducted on the groundwater samples collected in March 2002. The full scan of oxygenates indicated consistent detection of MTBE in the majority of the wells, and TBA was detected in MW-1, MW-2, MW-3, and MW-5. Also, PCE, TCE, and Dichloroethene were detected in MW-4 at concentrations that equaled, or were below the December 2001 concentrations. The detection of PCE and TCE either indicate migration from an offsite upgradient source, or derived from onsite migration from the long term use of the property for vehicle maintenance.

The current gradient was calculated to be North 50° West and the gradient is 0.21 ft/100ft. Flow direction and gradient have remained relatively consistent with previous sampling rounds. The monitoring wells yield adequate water volume and cannot be bailed dry. Recharge was good in all eight monitoring wells.

### Recommendations

**Advanced Environmental Concepts, Inc.** recommends three additional quarters of sampling for this site. If the plume continues to exhibit stable concentrations AEC will recommend closure for the site and permission to abandon the groundwater wells.




**Closing**

**Advanced Environmental Concepts, Inc.** appreciates the opportunity of providing our professional services to Mr. Warren Dodson. Should there be any questions or additional information required, please do not hesitate to contact our office at your convenience.


Respectfully yours,

**Advanced Environmental Concepts, Inc.**

  
Jonathan L. Buck  
Registered Environmental Assessor II #20017

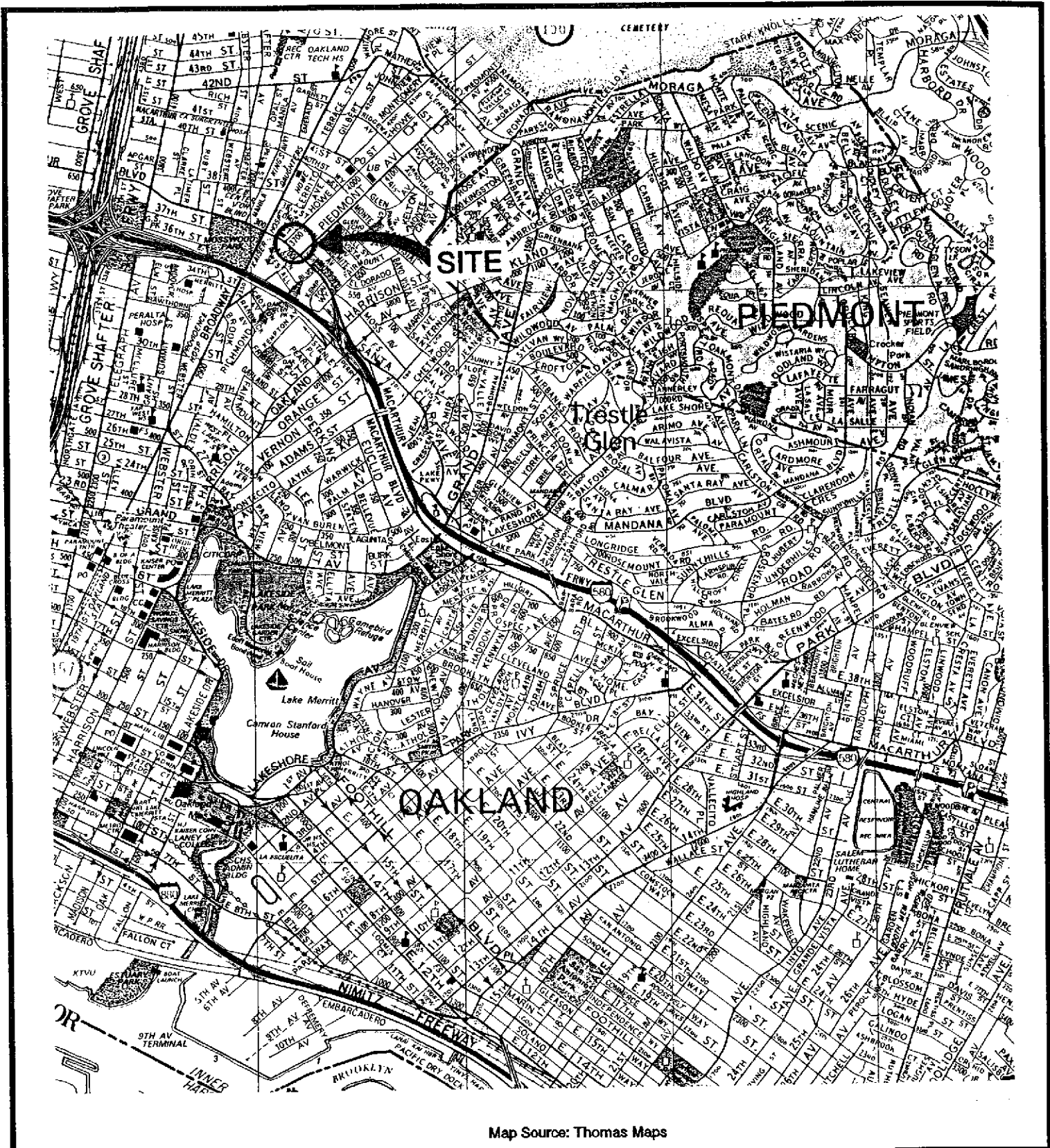


All environmental site work with which **Advanced Environmental Concepts, Inc.** was involved, was performed under my supervision to ensure proper sampling protocol and environmental assessment. This report has been technically reviewed by the undersigned.

  
Christian Bellue  
Registered Professional Engineer #C53934



Doc301Q



Map Source: Thomas Maps

**- SITE AREA -**

**Prestige Products Corporation**

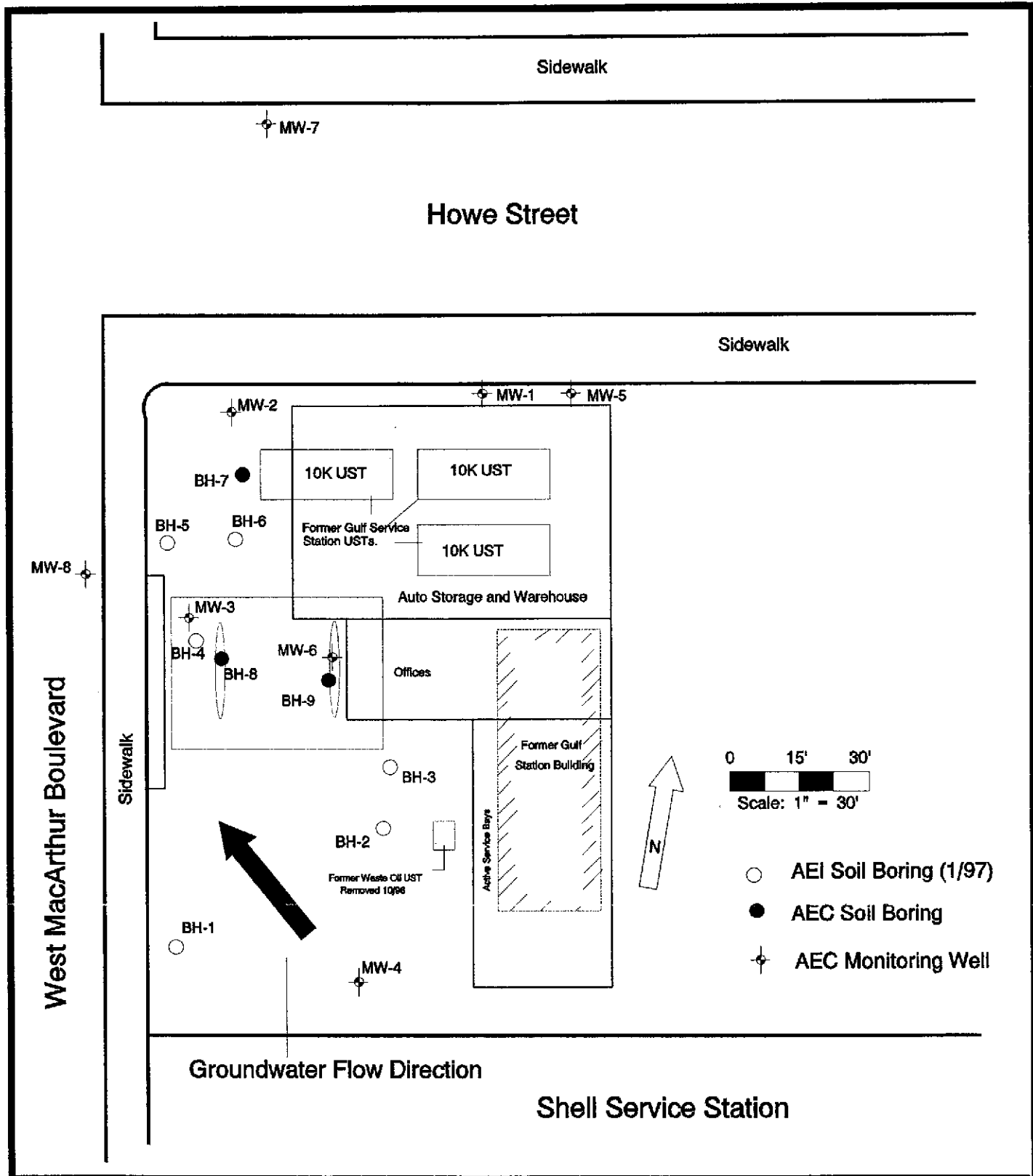
**240 West MacArthur Blvd.**

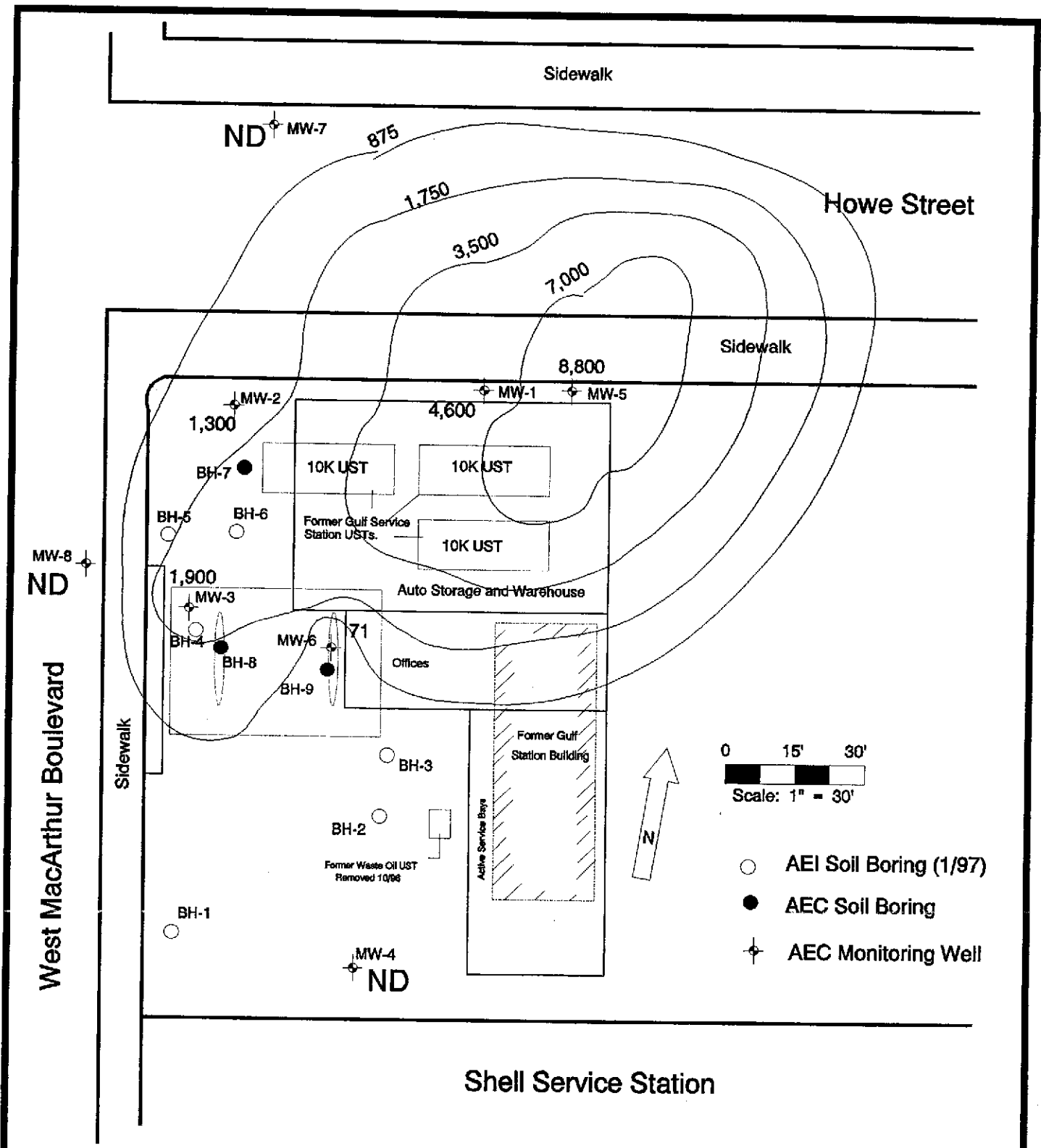
**County of Alameda - Oakland, California**

**FIGURE**

**1**

**AEC**  
 ADVANCED ENVIRONMENTAL CONCEPTS INC.  
 ADVANCED ENVIRONMENTAL CONCEPTS  
 P.O. BOX 40672 BAKERSFIELD, CA 93384

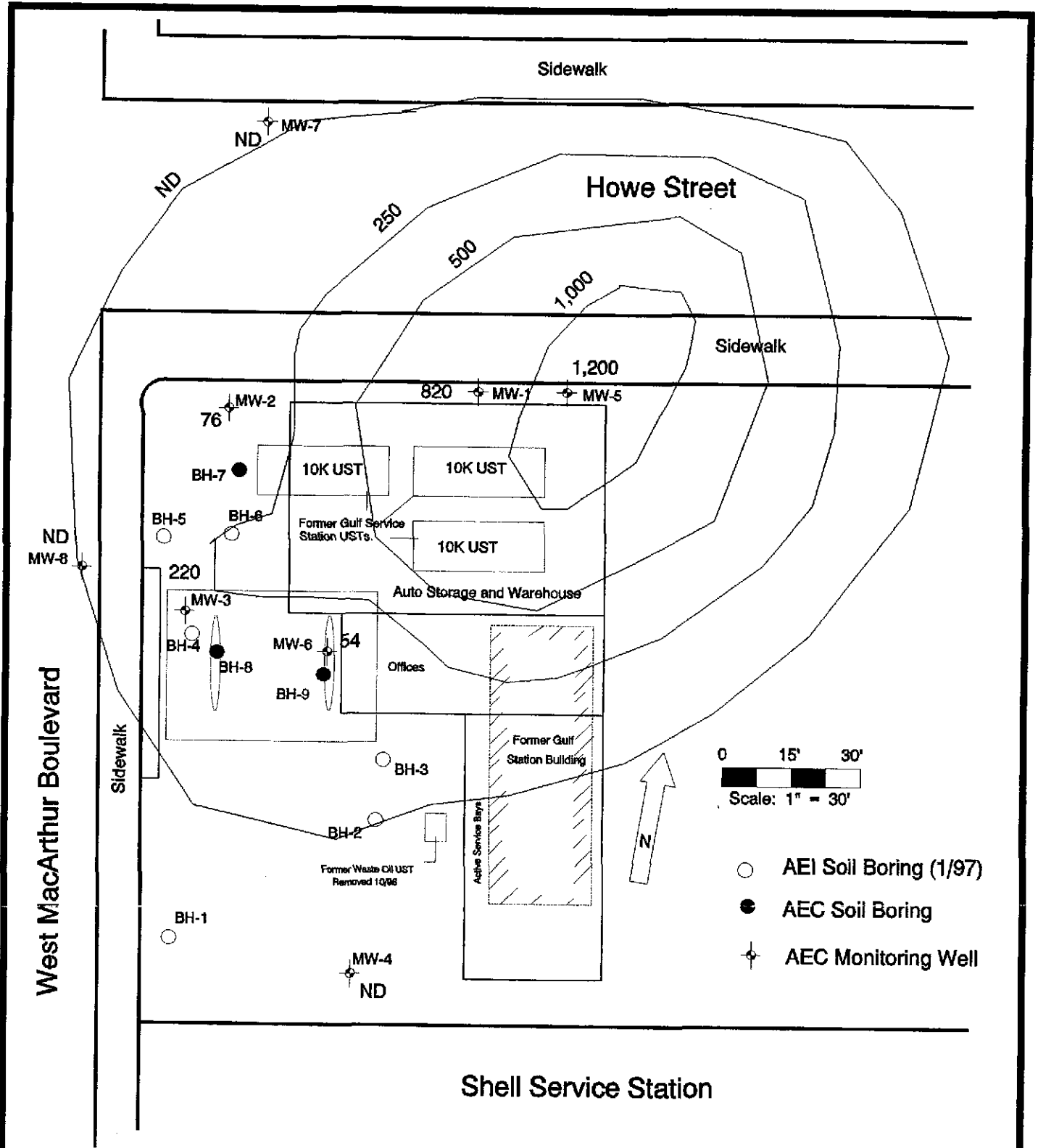




**AEC**  
 ADVANCED ENVIRONMENTAL CONCEPTS INC.  
 ADVANCED ENVIRONMENTAL CONCEPTS  
 P.O. BOX 40672 BAKERSFIELD, CA 93384

**TPH-Gasoline in Water (ppb)**  
**Former Vogue Tyres Facility**  
 240 West MacArthur Boulevard  
 County of Alameda • Oakland, CA

**FIGURE**  
**3**



West MacArthur Boulevard

Sidewalk

Howe Street

Sidewalk

Shell Service Station

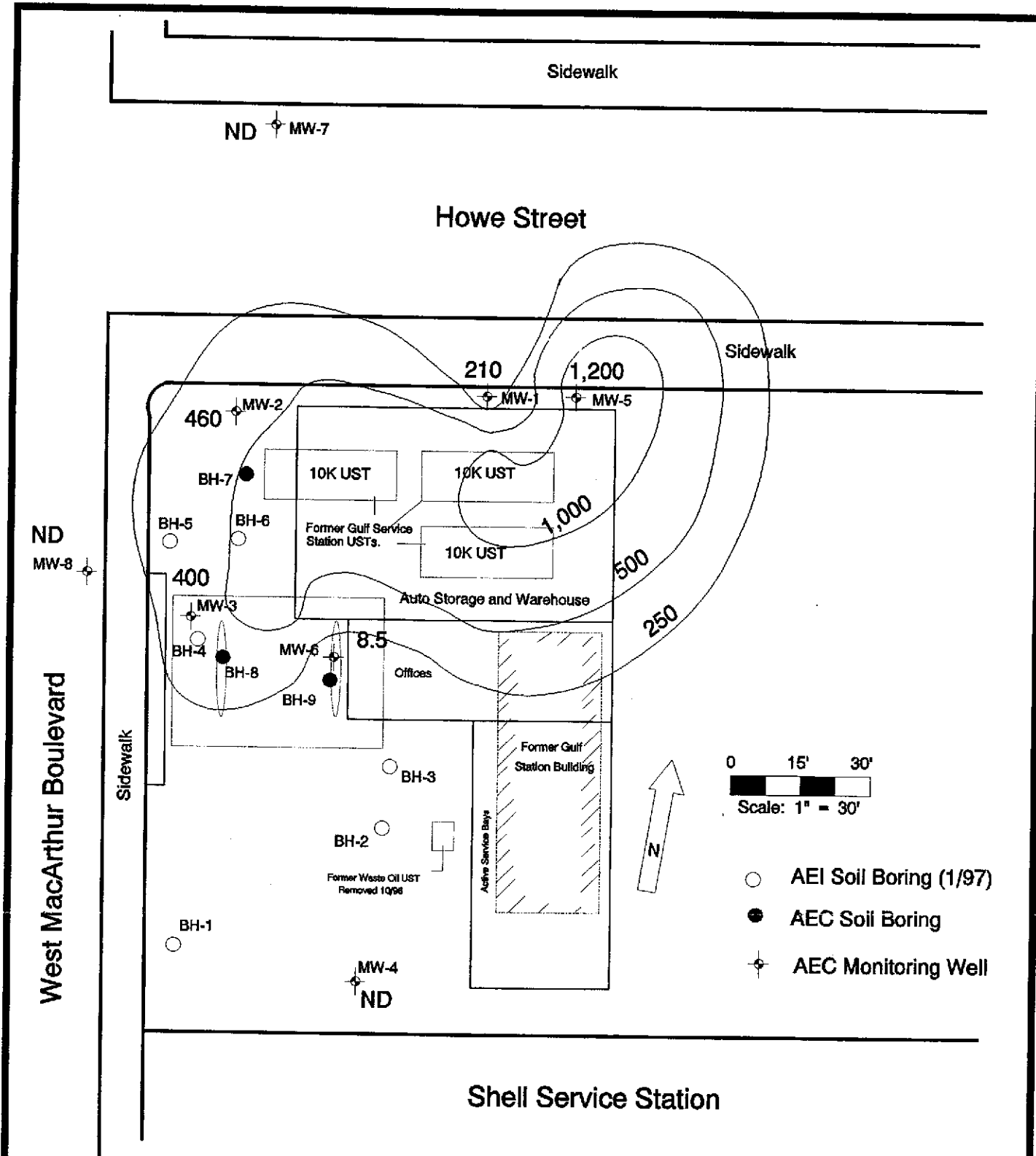
0 15' 30'  
Scale: 1" = 30'

- AEI Soil Boring (1/97)
- AEC Soil Boring
- ⊕ AEC Monitoring Well

**AEC**  
ADVANCED ENVIRONMENTAL CONCEPTS INC.  
ADVANCED ENVIRONMENTAL CONCEPTS  
P.O. BOX 40672 BAKERSFIELD, CA 93384

**Benzene in Groundwater (ppb)**  
Former Vogue Tyres Facility  
240 West MacArthur Boulevard  
County of Alameda • Oakland, CA

**FIGURE**  
**4**



**AEC**  
 • ADVANCED ENVIRONMENTAL CONCEPTS INC. •  
 ADVANCED ENVIRONMENTAL CONCEPTS  
 P.O. BOX 40672 BAKERSFIELD, CA 93384

**MTBE in Groundwater (ppb)**  
 Former Vogue Tyres Facility  
 240 West MacArthur Boulevard  
 County of Alameda • Oakland, CA

**FIGURE**  
**5**

# Groundwater Parameters

Site Name: Former Vogue Tyres  
 Location: 240 West MacArthur  
Oakland, CA

AEC P.O. #: \_\_\_\_\_  
 Project #: \_\_\_\_\_  
 Date: March 18, 2002

TIME	GALLONS PURGED	CONDUCTIVITY	TEMPERATURE	pH	TURBIDITY
	MONITORING WELL # <u>1</u>				
		1,510	69.3	6.39	13.6
	MONITORING WELL # <u>2</u>				
		1,590	70.8	6.41	9.9
	MONITORING WELL # <u>3</u>				
		1,880	70.7	6.63	17.1

**3 Casing Volumes**

4" Screen = (.66 gal/ft) ( \_\_\_\_\_ ft) = \_\_\_\_\_

2" Screen = (.17 gal/ft) ( \_\_\_\_\_ ft) = \_\_\_\_\_

MW # MW-1

Depth to Groundwater = 14.53'

Corrected Depth: 14.76' Survey: 4.38'

MW # MW-2

Depth to Groundwater = 13.07'

Corrected Depth: 14.72' Survey: 5.80'

MW # MW-3

Depth to Groundwater = 13.19'

Corrected Depth: 15.01' Survey: 5.97'

# Groundwater Parameters

Site Name: Former Vogue Tyres  
 Location: 240 West MacArthur  
Oakland, CA

AEC P.O. #: \_\_\_\_\_  
 Project #: \_\_\_\_\_  
 Date: March 18, 2002

TIME	GALLONS PURGED	CONDUCTIVITY	TEMPERATURE	pH	TURBIDITY
	MONITORING WELL # <u>4</u>				
		1,810	78.4	6.32	14.8
	MONITORING WELL # <u>5</u>				
		1,900	69.3	6.39	20.8
	MONITORING WELL # <u>6</u>				
		1,550	72.7	6.80	17.8

**3 Casing Volumes**

4" Screen = (.66 gal/ft) ( \_\_\_\_\_ ft) = \_\_\_\_\_

2" Screen = (.17 gal/ft) ( \_\_\_\_\_ ft) = \_\_\_\_\_

MW # MW-4      Depth to Groundwater = 13.02'

Corrected Depth: 14.72'      Survey: 5.85'

MW # MW-5      Depth to Groundwater = 14.62'

Corrected Depth: 14.62'      Survey: 4.15'

MW # MW-6      Depth to Groundwater = 13.75'

Corrected Depth: 14.74'      Survey: 5.14'



# Groundwater Parameters

Site Name: Former Vogue Tyres  
 Location: 240 West MacArthur  
Oakland, CA

AEC P.O. #: \_\_\_\_\_  
 Project #: \_\_\_\_\_  
 Date: March 18, 2002

TIME	GALLONS PURGED	CONDUCTIVITY	TEMPERATURE	pH	TURBIDITY
<b>MONITORING WELL # <u>7</u></b>					
		1,890	72.2	6.68	19.7
<b>MONITORING WELL # <u>8</u></b>					
		1,490	70.8	6.41	14.4
<b>MONITORING WELL # _____</b>					

**3 Casing Volumes**

4" Screen = (.66 gal/ft) ( \_\_\_\_\_ ft) = \_\_\_\_\_

2" Screen = (.17 gal/ft) ( \_\_\_\_\_ ft) = \_\_\_\_\_

MW # MW-7      Depth to Groundwater = 13.87'

Corrected Depth: 14.96'      Survey: 5.24'

MW # MW-8      Depth to Groundwater = 11.89'

Corrected Depth: 14.92'      Survey: 7.18'

MW # \_\_\_\_\_      Depth to Groundwater = \_\_\_\_\_

Corrected Depth: \_\_\_\_\_      Survey: \_\_\_\_\_

## Laboratory Report

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water

---

### Analyses Requested:

1. EPA M8015 – TPH as Gasoline (TPH-G)
2. EPA 8260B – Volatile Organic Compounds with Oxygenates

On March 19, 2002, *Baseline* received water samples from the project shown above. A Chain-of-Custody Record (COC) is attached.

*Baseline* analyzed the samples for the parameters shown above per the COC. In this report, *Baseline* presents the results and QA/QC summary for these analyses.



Approved  
Brian K. Kato, Laboratory Manager

## Laboratory Report

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Soil

### TPH as Gasoline (TPH-G) Results

Constituent:	TPH-G
Method:	M8015
Units:	µg/L
Sample ID	
MW-1	4600
MW-2	1300
MW-3	1900
MW-4	ND<50
MW-5	8800
MW-6	71
MW-7	ND<50
MW-8	ND<50
Method Blank	ND<50

ND: Not detected at the indicated reporting limit.

**Laboratory Report****Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** WaterVolatile Organic Compounds (EPA 8260B)**Sample ID: MW-1**

<b>Compound Name</b>	<b>Result (µg/L)</b>	<b>Compound Name</b>	<b>Result (µg/L)</b>
Benzene	820	Hexachlorobutadiene	ND<1
Bromobenzene	ND<1	Isopropylbenzene	ND<1
Bromochloromethane	ND<1	p-isopropyltoluene	ND<1
Bromoform	ND<1	Methylene Chloride	ND<1
Bromomethane	ND<1	Naphthalene	ND<1
n-Butylbenzene	ND<1	n-Propylbenzene	ND<1
sec-Butylbenzene	ND<1	Styrene	ND<1
tert-Butylbenzene	ND<1	Tetrachloroethene	ND<1
Carbon Tetrachloride	ND<1	1,1,1,2-Tetrachloroethane	ND<1
2-Chlorotoluene	ND<1	1,1,2,2-Tetrachloroethane	ND<1
4-Chlorotoluene	ND<1	Toluene	4.4
Chlorobenzene	ND<1	1,2,3-Trichlorobenzene	ND<1
Chloroethane	ND<1	1,2,4-Trichlorobenzene	ND<1
Chloroform	ND<1	1,1,1-Trichloroethane	ND<1
Chloromethane	ND<1	1,1,2-Trichloroethane	ND<1
Dibromochloromethane	ND<1	Trichloroethene	ND<1
1,2-Dibromo-3-Chloropropane	ND<1	Trichlorofluoromethane	ND<1
1,2-Dibromomethane	ND<1	1,2,3-Trichloropropane	ND<1
1,2-Dichlorobenzene	ND<1	1,2,4-Trimethylbenzene	ND<1
1,3-Dichlorobenzene	ND<1	1,3,5-Trimethylbenzene	1.6
1,4-Dichlorobenzene	ND<1	Vinyl Chloride	ND<1
Dichlorodifluoromethane	ND<1	Total Xylenes	300
1,1-Dichloroethane	ND<1		
1,2-Dichloroethane	ND<1	<u>Oxygenates</u>	
1,1-Dichloroethene	ND<1	MTBE	210
cis-1,2-Dichloroethene	ND<1	t-Butanol	ND<10
trans-1,2-Dichloroethene	ND<1	Di-Isopropyl Ether	ND<2
1,2-Dichloropropane	ND<1	Ethyl-t-Butyl Ether	ND<2
1,3-Dichloropropane	ND<1	t-Amyl Methyl Ether	ND<2
2,2-Dichloropropane	ND<1		
1,1-Dichloropropene	ND<1		
Ethylbenzene	100		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)

**Laboratory Report**

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water

Volatile Organic Compounds (EPA 8260B)**Sample ID: MW-2**

<b>Compound Name</b>	<b>Result (µg/L)</b>	<b>Compound Name</b>	<b>Result (µg/L)</b>
Benzene	76	Hexachlorobutadiene	ND<1
Bromobenzene	ND<1	Isopropylbenzene	ND<1
Bromochloromethane	ND<1	p-isopropyltoluene	ND<1
Bromoform	ND<1	Methylene Chloride	ND<1
Bromomethane	ND<1	Naphthalene	ND<1
n-Butylbenzene	ND<1	n-Propylbenzene	ND<1
sec-Butylbenzene	ND<1	Styrene	ND<1
tert-Butylbenzene	ND<1	Tetrachloroethene	ND<1
Carbon Tetrachloride	ND<1	1,1,1,2-Tetrachloroethane	ND<1
2-Chlorotoluene	ND<1	1,1,2,2-Tetrachloroethane	ND<1
4-Chlorotoluene	ND<1	Toluene	3.8
Chlorobenzene	ND<1	1,2,3-Trichlorobenzene	ND<1
Chloroethane	ND<1	1,2,4-Trichlorobenzene	ND<1
Chloroform	ND<1	1,1,1-Trichloroethane	ND<1
Chloromethane	ND<1	1,1,2-Trichloroethane	ND<1
Dibromochloromethane	ND<1	Trichloroethene	ND<1
1,2-Dibromo-3-Chloropropane	ND<1	Trichlorofluoromethane	ND<1
1,2-Dibromomethane	ND<1	1,2,3-Trichloropropane	ND<1
1,2-Dichlorobenzene	ND<1	1,2,4-Trimethylbenzene	ND<1
1,3-Dichlorobenzene	ND<1	1,3,5-Trimethylbenzene	ND<1
1,4-Dichlorobenzene	ND<1	Vinyl Chloride	ND<1
Dichlorodifluoromethane	ND<1	Total Xylenes	15
1,1-Dichloroethane	ND<1		
1,2-Dichloroethane	ND<1	<u>Oxygenates</u>	
1,1-Dichloroethene	ND<1	MTBE	460
cis-1,2-Dichloroethene	ND<1	t-Butanol	220
trans-1,2-Dichloroethene	ND<1	Di-Isopropyl Ether	ND<2
1,2-Dichloropropane	ND<1	Ethyl-t-Butyl Ether	ND<2
1,3-Dichloropropane	ND<1	t-Amyl Methyl Ether	ND<2
2,2-Dichloropropane	ND<1		
1,1-Dichloropropene	ND<1		
Ethylbenzene	21		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)

## Laboratory Report

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** —

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water

### Volatile Organic Compounds (EPA 8260B)

#### Sample ID: MW-3

<b>Compound Name</b>	<b>Result (µg/L)</b>	<b>Compound Name</b>	<b>Result (µg/L)</b>
Benzene	220	Hexachlorobutadiene	ND<1
Bromobenzene	ND<1	Isopropylbenzene	ND<1
Bromochloromethane	ND<1	p-isopropyltoluene	ND<1
Bromoform	ND<1	Methylene Chloride	ND<1
Bromomethane	ND<1	Naphthalene	2.2
n-Butylbenzene	ND<1	n-Propylbenzene	ND<1
sec-Butylbenzene	ND<1	Styrene	ND<1
tert-Butylbenzene	ND<1	Tetrachloroethene	ND<1
Carbon Tetrachloride	ND<1	1,1,1,2-Tetrachloroethane	ND<1
2-Chlorotoluene	ND<1	1,1,2,2-Tetrachloroethane	ND<1
4-Chlorotoluene	ND<1	Toluene	16
Chlorobenzene	ND<1	1,2,3-Trichlorobenzene	ND<1
Chloroethane	ND<1	1,2,4-Trichlorobenzene	ND<1
Chloroform	ND<1	1,1,1-Trichloroethane	ND<1
Chloromethane	ND<1	1,1,2-Trichloroethane	ND<1
Dibromochloromethane	ND<1	Trichloroethene	ND<1
1,2-Dibromo-3-Chloropropane	ND<1	Trichlorofluoromethane	ND<1
1,2-Dibromomethane	ND<1	1,2,3-Trichloropropane	ND<1
1,2-Dichlorobenzene	ND<1	1,2,4-Trimethylbenzene	1.8
1,3-Dichlorobenzene	ND<1	1,3,5-Trimethylbenzene	4.7
1,4-Dichlorobenzene	ND<1	Vinyl Chloride	ND<1
Dichlorodifluoromethane	ND<1	Total Xylenes	24
1,1-Dichloroethane	ND<1		
1,2-Dichloroethane	ND<1	<u>Oxygenates</u>	
1,1-Dichloroethene	ND<1	MTBE	400
cis-1,2-Dichloroethene	ND<1	t-Butanol	180
trans-1,2-Dichloroethene	ND<1	Di-Isopropyl Ether	ND<2
1,2-Dichloropropane	ND<1	Ethyl-t-Butyl Ether	ND<2
1,3-Dichloropropane	ND<1	t-Amyl Methyl Ether	ND<2
2,2-Dichloropropane	ND<1		
1,1-Dichloropropene	ND<1		
Ethylbenzene	31		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)

## Laboratory Report

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water

### Volatile Organic Compounds (EPA 8260B)

#### Sample ID: MW-4

<i>Compound Name</i>	<i>Result (µg/L)</i>	<i>Compound Name</i>	<i>Result (µg/L)</i>
Benzene	ND<1	Hexachlorobutadiene	ND<1
Bromobenzene	ND<1	Isopropylbenzene	ND<1
Bromochloromethane	ND<1	p-isopropyltoluene	ND<1
Bromoform	ND<1	Methylene Chloride	ND<1
Bromomethane	ND<1	Naphthalene	ND<1
n-Butylbenzene	ND<1	n-Propylbenzene	ND<1
sec-Butylbenzene	ND<1	Styrene	ND<1
tert-Butylbenzene	ND<1	Tetrachloroethene	5.0
Carbon Tetrachloride	ND<1	1,1,1,2-Tetrachloroethane	ND<1
2-Chlorotoluene	ND<1	1,1,2,2-Tetrachloroethane	ND<1
4-Chlorotoluene	ND<1	Toluene	ND<1
Chlorobenzene	ND<1	1,2,3-Trichlorobenzene	ND<1
Chloroethane	ND<1	1,2,4-Trichlorobenzene	ND<1
Chloroform	ND<1	1,1,1-Trichloroethane	ND<1
Chloromethane	ND<1	1,1,2-Trichloroethane	ND<1
Dibromochloromethane	ND<1	Trichloroethene	3.7
1,2-Dibromo-3-Chloropropane	ND<1	Trichlorofluoromethane	ND<1
1,2-Dibromomethane	ND<1	1,2,3-Trichloropropane	ND<1
1,2-Dichlorobenzene	ND<1	1,2,4-Trimethylbenzene	ND<1
1,3-Dichlorobenzene	ND<1	1,3,5-Trimethylbenzene	ND<1
1,4-Dichlorobenzene	ND<1	Vinyl Chloride	ND<1
Dichlorodifluoromethane	ND<1	Total Xylenes	ND<1
1,1-Dichloroethane	ND<1		
1,2-Dichloroethane	ND<1	<u>Oxygenates</u>	
1,1-Dichloroethene	ND<1	MTBE	ND<1
cis-1,2-Dichloroethene	2.9	t-Butanol	ND<10
trans-1,2-Dichloroethene	ND<1	Di-Isopropyl Ether	ND<2
1,2-Dichloropropane	ND<1	Ethyl-t-Butyl Ether	ND<2
1,3-Dichloropropane	ND<1	t-Amyl Methyl Ether	ND<2
2,2-Dichloropropane	ND<1		
1,1-Dichloropropene	ND<1		
Ethylbenzene	ND<1		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)

## Laboratory Report

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water

### Volatile Organic Compounds (EPA 8260B)

**Sample ID:** MW-5

<b>Compound Name</b>	<b>Result (µg/L)</b>	<b>Compound Name</b>	<b>Result (µg/L)</b>
Benzene	1200	Hexachlorobutadiene	ND<1
Bromobenzene	ND<1	Isopropylbenzene	ND<1
Bromochloromethane	ND<1	p-isopropyltoluene	ND<1
Bromoform	ND<1	Methylene Chloride	ND<1
Bromomethane	ND<1	Naphthalene	ND<1
n-Butylbenzene	ND<1	n-Propylbenzene	ND<1
sec-Butylbenzene	ND<1	Styrene	ND<1
tert-Butylbenzene	ND<1	Tetrachloroethene	ND<1
Carbon Tetrachloride	ND<1	1,1,1,2-Tetrachloroethane	ND<1
2-Chlorotoluene	ND<1	1,1,2,2-Tetrachloroethane	ND<1
4-Chlorotoluene	ND<1	Toluene	72
Chlorobenzene	ND<1	1,2,3-Trichlorobenzene	ND<1
Chloroethane	ND<1	1,2,4-Trichlorobenzene	ND<1
Chloroform	ND<1	1,1,1-Trichloroethane	ND<1
Chloromethane	ND<1	1,1,2-Trichloroethane	ND<1
Dibromochloromethane	ND<1	Trichloroethene	ND<1
1,2-Dibromo-3-Chloropropane	ND<1	Trichlorofluoromethane	ND<1
1,2-Dibromomethane	ND<1	1,2,3-Trichloropropane	ND<1
1,2-Dichlorobenzene	ND<1	1,2,4-Trimethylbenzene	ND<1
1,3-Dichlorobenzene	ND<1	1,3,5-Trimethylbenzene	2.7
1,4-Dichlorobenzene	ND<1	Vinyl Chloride	ND<1
Dichlorodifluoromethane	ND<1	Total Xylenes	350
1,1-Dichloroethane	ND<1		
1,2-Dichloroethane	ND<1	<u>Oxygenates</u>	
1,1-Dichloroethene	ND<1	MTBE	1200
cis-1,2-Dichloroethene	ND<1	t-Butanol	640
trans-1,2-Dichloroethene	ND<1	Di-Isopropyl Ether	ND<2
1,2-Dichloropropane	ND<1	Ethyl-t-Butyl Ether	ND<2
1,3-Dichloropropane	ND<1	t-Amyl Methyl Ether	ND<2
2,2-Dichloropropane	ND<1		
1,1-Dichloropropene	ND<1		
Ethylbenzene	7.4		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)



## Laboratory Report

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water

### Volatile Organic Compounds (EPA 8260B)

**Sample ID:** MW-6

<i>Compound Name</i>	<i>Result (µg/L)</i>	<i>Compound Name</i>	<i>Result (µg/L)</i>
Benzene	54	Hexachlorobutadiene	ND<1
Bromobenzene	ND<1	Isopropylbenzene	ND<1
Bromochloromethane	ND<1	p-isopropyltoluene	ND<1
Bromoform	ND<1	Methylene Chloride	ND<1
Bromomethane	ND<1	Naphthalene	1.6
n-Butylbenzene	ND<1	n-Propylbenzene	ND<1
sec-Butylbenzene	ND<1	Styrene	ND<1
tert-Butylbenzene	ND<1	Tetrachloroethene	ND<1
Carbon Tetrachloride	ND<1	1,1,1,2-Tetrachloroethane	ND<1
2-Chlorotoluene	ND<1	1,1,2,2-Tetrachloroethane	ND<1
4-Chlorotoluene	ND<1	Toluene	4.2
Chlorobenzene	ND<1	1,2,3-Trichlorobenzene	ND<1
Chloroethane	ND<1	1,2,4-Trichlorobenzene	ND<1
Chloroform	ND<1	1,1,1-Trichloroethane	ND<1
Chloromethane	ND<1	1,1,2-Trichloroethane	ND<1
Dibromochloromethane	ND<1	Trichloroethene	ND<1
1,2-Dibromo-3-Chloropropane	ND<1	Trichlorofluoromethane	ND<1
1,2-Dibromomethane	ND<1	1,2,3-Trichloropropane	ND<1
1,2-Dichlorobenzene	ND<1	1,2,4-Trimethylbenzene	ND<1
1,3-Dichlorobenzene	ND<1	1,3,5-Trimethylbenzene	2.2
1,4-Dichlorobenzene	ND<1	Vinyl Chloride	ND<1
Dichlorodifluoromethane	ND<1	Total Xylenes	17
1,1-Dichloroethane	ND<1		
1,2-Dichloroethane	ND<1	<u>Oxygenates</u>	
1,1-Dichloroethene	ND<1	MTBE	8.5
cis-1,2-Dichloroethene	ND<1	t-Butanol	ND<10
trans-1,2-Dichloroethene	ND<1	Di-Isopropyl Ether	ND<2
1,2-Dichloropropane	ND<1	Ethyl-t-Butyl Ether	ND<2
1,3-Dichloropropane	ND<1	t-Amyl Methyl Ether	ND<2
2,2-Dichloropropane	ND<1		
1,1-Dichloropropene	ND<1		
Ethylbenzene	27		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)

**Laboratory Report**

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water

Volatile Organic Compounds (EPA 8260B)**Sample ID: MW-7**

<b>Compound Name</b>	<b>Result (µg/L)</b>	<b>Compound Name</b>	<b>Result (µg/L)</b>
Benzene	ND<1	Hexachlorobutadiene	ND<1
Bromobenzene	ND<1	Isopropylbenzene	ND<1
Bromochloromethane	ND<1	p-isopropyltoluene	ND<1
Bromoform	ND<1	Methylene Chloride	ND<1
Bromomethane	ND<1	Naphthalene	ND<1
n-Butylbenzene	ND<1	n-Propylbenzene	ND<1
sec-Butylbenzene	ND<1	Styrene	ND<1
tert-Butylbenzene	ND<1	Tetrachloroethene	ND<1
Carbon Tetrachloride	ND<1	1,1,1,2-Tetrachloroethane	ND<1
2-Chlorotoluene	ND<1	1,1,2,2-Tetrachloroethane	ND<1
4-Chlorotoluene	ND<1	Toluene	ND<1
Chlorobenzene	ND<1	1,2,3-Trichlorobenzene	ND<1
Chloroethane	ND<1	1,2,4-Trichlorobenzene	ND<1
Chloroform	ND<1	1,1,1-Trichloroethane	ND<1
Chloromethane	ND<1	1,1,2-Trichloroethane	ND<1
Dibromochloromethane	ND<1	Trichloroethene	ND<1
1,2-Dibromo-3-Chloropropane	ND<1	Trichlorofluoromethane	ND<1
1,2-Dibromomethane	ND<1	1,2,3-Trichloropropane	ND<1
1,2-Dichlorobenzene	ND<1	1,2,4-Trimethylbenzene	ND<1
1,3-Dichlorobenzene	ND<1	1,3,5-Trimethylbenzene	ND<1
1,4-Dichlorobenzene	ND<1	Vinyl Chloride	ND<1
Dichlorodifluoromethane	ND<1	Total Xylenes	ND<1
1,1-Dichloroethane	ND<1		
1,2-Dichloroethane	ND<1	<u>Oxygenates</u>	
1,1-Dichloroethene	ND<1	MTBE	ND<1
cis-1,2-Dichloroethene	ND<1	t-Butanol	ND<10
trans-1,2-Dichloroethene	ND<1	Di-Isopropyl Ether	ND<2
1,2-Dichloropropane	ND<1	Ethyl-t-Butyl Ether	ND<2
1,3-Dichloropropane	ND<1	t-Amyl Methyl Ether	ND<2
2,2-Dichloropropane	ND<1		
1,1-Dichloropropene	ND<1		
Ethylbenzene	ND<1		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)

## Laboratory Report

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water

### Volatile Organic Compounds (EPA 8260B)

**Sample ID:** MW-8

<b>Compound Name</b>	<b>Result (µg/L)</b>	<b>Compound Name</b>	<b>Result (µg/L)</b>
Benzene	ND<1	Hexachlorobutadiene	ND<1
Bromobenzene	ND<1	Isopropylbenzene	ND<1
Bromochloromethane	ND<1	p-isopropyltoluene	ND<1
Bromoform	ND<1	Methylene Chloride	ND<1
Bromomethane	ND<1	Naphthalene	ND<1
n-Butylbenzene	ND<1	n-Propylbenzene	ND<1
sec-Butylbenzene	ND<1	Styrene	ND<1
tert-Butylbenzene	ND<1	Tetrachloroethene	ND<1
Carbon Tetrachloride	ND<1	1,1,1,2-Tetrachloroethane	ND<1
2-Chlorotoluene	ND<1	1,1,2,2-Tetrachloroethane	ND<1
4-Chlorotoluene	ND<1	Toluene	ND<1
Chlorobenzene	ND<1	1,2,3-Trichlorobenzene	ND<1
Chloroethane	ND<1	1,2,4-Trichlorobenzene	ND<1
Chloroform	ND<1	1,1,1-Trichloroethane	ND<1
Chloromethane	ND<1	1,1,2-Trichloroethane	ND<1
Dibromochloromethane	ND<1	Trichloroethene	ND<1
1,2-Dibromo-3-Chloropropane	ND<1	Trichlorofluoromethane	ND<1
1,2-Dibromomethane	ND<1	1,2,3-Trichloropropane	ND<1
1,2-Dichlorobenzene	ND<1	1,2,4-Trimethylbenzene	ND<1
1,3-Dichlorobenzene	ND<1	1,3,5-Trimethylbenzene	ND<1
1,4-Dichlorobenzene	ND<1	Vinyl Chloride	ND<1
Dichlorodifluoromethane	ND<1	Total Xylenes	ND<1
1,1-Dichloroethane	ND<1		
1,2-Dichloroethane	ND<1	<u>Oxygenates</u>	
1,1-Dichloroethene	ND<1	MTBE	ND<1
cis-1,2-Dichloroethene	ND<1	t-Butanol	ND<10
trans-1,2-Dichloroethene	ND<1	Di-Isopropyl Ether	ND<2
1,2-Dichloropropane	ND<1	Ethyl-t-Butyl Ether	ND<2
1,3-Dichloropropane	ND<1	t-Amyl Methyl Ether	ND<2
2,2-Dichloropropane	ND<1		
1,1-Dichloropropene	ND<1		
Ethylbenzene	ND<1		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)



Baseline On-Site Analysis  
 P. O. Box 2243  
 Huntington Beach, CA 92647

Toll Free: 888.753.7553  
 FAX: 714.840.1584

## Laboratory Report

**Client:** AEC, Inc.  
**Client Address:** 4400 Ashe Road, #206  
 Bakersfield, CA 93313

**Report Date:** 3/28/02  
**Lab Project Number:** 02207  
**Client Project Number:** ---

**Project Name:** Vogue Tyres  
**Project Address:** 240 W. MacArthur Avenue  
 Oakland, California  
**Contact:** Jon Buck

**Dates Sampled:** 3/18/02  
**Dates Received:** 3/19/02  
**Dates Analyzed:** 3/23/02  
**Sample Matrix:** Water


### Quality Control Summary

#### Water Samples

Analytes	MS Recovery (%)	MSD Recovery (%)	RPD (%)	QC Sample
TPH-Gasoline (EPA 8015)	93	95	2	02209-1
<i>EPA 8260B</i>				
1,1-Dichloroethene	97	95	2	02209-1
Benzene	95	95	0	02209-1
Trichloroethene	98	97	1	02209-1
Toluene	96	94	2	02209-1
Chlorobenzene	99	95	4	02209-1
Acceptable QC Limits:	(65-135)	(65-135)	(0-30)	

MS: Matrix Spike; MSD: Matrix Spike Duplicate; RPD: Relative Percent Difference  
 LCS/LCSD: Lab Control Sample/Duplicate

# CHAIN-OF-CUSTODY RECORD

Client <b>AEC</b>		Date <b>3-18-02</b>		Laboratory Sample Number	Sample Matrix: Soil(S) Sludge(SL), Aqueous(A)	Analysis Requested						Number of Containers	LAB Project # <b>02207</b>									
Project Name <b>VOGUE TIRES</b>		Client Project #				<b>TPH - Gas</b> <b>8260 B Vol %</b>							Page <b>1</b> of <b>1</b>									
Project Address <b>245 W MACARTHUR</b>		Turn Around Requested:											Lab Use Only. Sample Condition as received:  Chilled <input type="checkbox"/> Yes / <input type="checkbox"/> No Sealed <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No									
Sampler's Signature <b>Buck</b>		<input type="checkbox"/> 24-Hour-Rush <input checked="" type="checkbox"/> 48-Hour-Rush <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Mobile Lab											Container / Comments									
Sample	Sample Location	Date	Time																			
MW-4		3-18-02			A	X	X	X				2										
MW-8		3-18-02			A	X	X					2										
MW-7		3-18-02			A	X	X	X				2										
MW-2		3-18-02			A	X	X					2										
MW-3		3-18-02			A	X	X					2										
MW-6		3-18-02			A	X	X					2										
MW-1		3-18-02			A	X	X					2										
MW-5		3-18-02			A	X	X					2										
1 Relinquished by: (Signature) <i>[Signature]</i>		Date <b>3-19-02</b>		2 Received by: (Signature)		Date <b>16</b>		Total Number of Containers														
Company: <b>A.E.C.</b>		Time <b>12:00</b>		Company:		Time		 <p>                     *ADVANCED ENVIRONMENTAL CONCEPTS INC*                      661/831-1646      4400 ASHE ROAD, #206                      FAX 661/831-1771      BAKERSFIELD, CA 93313                      E-mail: advanced@lightspeed.net                 </p>														
3 Relinquished by: (Signature)		Date		4 Received by Laboratory: (Signature) <i>[Signature]</i>		Date <b>19 MAR 02</b>																
Company:		Time		Company: <b>BASELINE</b>		Time <b>12:18</b>																