ADVANCED ENVIRONMENTAL CONCEPTS INC

February 9, 2001

Mr. Don Hwang
Alameda County Health Care Services Agency
Environmental Health Services
1131 Habor Bay Parkway, Suite #250
Alameda, CA 94502-6577

Regarding: December 2000 Quarterly Groundwater Sampling Report
Vogue Tyres
240 W. McArthur Blvd.
Oakland, California
Stld 6059

Dear Mr. Hwang:

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

Enclosed please find that report, which AEC is submitting for your review.

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
Project Coordinator / Office Administrator

Attachments: Reports (1)

cc: Mr. Warren Dodson

■ADVANCED ENVIRONMENTAL CONCEPTS INC■

February 7, 2001

Mr. Warren Dodson
Dodson Ltd.
1323 South Flower Street
Los Angeles, California 90015

Regarding: **December 2000 Quarterly Groundwater Sampling Report**
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 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). Results of the laboratory analyses are summarized below.

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Units are in milligrams per kilograms (mg/kg) which are equivalent to parts per million (ppm). Results of these analyses are listed in **Table 1**.

TABLE 1
Analytical Results of Soil Samples
January 10, 1997

Sample ID	TPH-d	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene
BH-1-15'	ND	ND	ND	ND	ND	ND
BH-2-15'	ND	ND	ND	ND	ND	ND
BH-3-15'	ND	ND	ND	ND	ND	ND
BH-4-15'	370	1100	ND	ND	14	4.4
BH-5-15'	1.9	2.1	0.009	0.006	0.016	ND
BH-6-15'	140	190	0.25	0.5	3.6	0.84
Detection Limits		1.0	0.005	0.005	0.005	0.005

ND: Non-detected at indicated level of detection.

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 μg/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). Results of the laboratory analyses are summarized below. Units are in micrograms per Liter (μg/L) which are equivalent to parts per billion (ppb). Results of these analyses are listed in **Table 2**.

TABLE 2
Analytical Results of Groundwater Samples
January 10, 1997

Sample ID	TPH-d	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene
BH1W	490	330	2.0	0.72	1.3	ND
BH2W	320	ND	ND	ND	ND	ND
BH4W	NA	6600	58	13	2740	110
BH6W	450	13,000	870	65	570	130
Detection Limits		1.0	0.005	0.005	0.005	0.005

ND: Non-detected at indicated level of detection.
NA: Not analyzed

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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 three Geoprobe soil borings (BH-7, BH-8, and BH-9), and four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-4) were drilled 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.

Soil analyses were performed by Associated Laboratories, Inc. to determine the presence and concentrations of hydrocarbons at the subject site by EPA methods 8015M and 8020. Analytical results for soil samples are presented in **Table 3**. Units are in milligrams per kilogram (mg/kg) which are equivalent to parts per million (ppm).

TABLE 3
Analytical Results - Soil Boring
August 7, 1997
(ppm)

Sample ID	TPH-d	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene
BH-7-12'	ND	ND	ND	ND	ND	ND
BH-7-16'	ND	ND	ND	ND	ND	ND
BH-8-8'	ND	ND	ND	ND	ND	ND
BH-8-12'	ND	168	0.02	ND	5.1	0.45
BH-8-16'	ND	21	0.027	0.07	0.75	ND
BH-9-8'	ND	ND	ND	0.032	0.28	0.029
BH-9-12'	ND	ND	ND	0.012	ND	ND
BH-9-16'	ND	ND	ND	ND	ND	ND
MW-1-10'	ND	ND	ND	ND	ND	ND
MW-1-17'	ND	ND	ND	0.031	ND	ND
MW-2-10'	ND	ND	ND	ND	ND	ND
MW-2-17'	ND	16	0.035	0.037	0.15	0.018
MW-3-10'	ND	ND	ND	ND	ND	ND
MW-3-15'	ND	ND	0.027	ND	ND	ND
MW-4-10'	ND	ND	ND	ND	ND	ND
MW-4-17'	ND	ND	ND	ND	ND	ND
Detection Limits		5.00	0.0050	0.0050	0.0050	0.0050

ND: Non Detected at indicated limit of detection

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Water analyses were performed by Associated Laboratories, Inc. to determine the presence and concentrations of hydrocarbons at the subject site by EPA methods and 8015M and 8020. Analytical results for soil samples are presented in **Table 4**. Units are in micrograms per Liter (μg/L) which are equivalent to parts per billion (ppb).

TABLE 4
Analytical Results - Monitoring Wells
August 8, 1997
(ppb)

Sample ID	TPH-d	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene
MW-1	ND	1,140	110	16	112	15
MW-2	ND	5,530	108	36	144	33
MW-3	ND	8,500	450	30	106	53
MW-4	ND	ND	ND	ND	ND	ND
Detection Limits		5.00	0.0050	0.0050	0.0050	0.0050

ND: Non Detected at indicated limit of detection

TABLE 5
Biological Factors
August 8, 1997
(ppb)

Sample ID	2580 B	300.0 (Nitrate)	300.0 Sulfate	310.1	3500 FED	360.1
MW-1	311	7.1	92	238	0.10	8.2
Mw-2	331	0	43	398	0.50	6.3
MW-3	330	0	56	368	ND	7.9
MW-4	307	19.5	87	140	ND	7.8
Detection Limits		5	5	5.0	0.10	

2580B: Redox Potential @ Temp
300.0: Nitrate As NO3 by Ion Chromatograph
310.1 Alkalinity
3500FED: Ferrous Iron
360.1: Dissolved Oxygen, Membrane Electrode

This 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 June 26, 2000.

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) A minimum of three (3) casing volumes of water (approximately 10-gallons) was purged from each well. Readings of pH, Temperature, and Conductivity were measured at 3-gallon intervals;

5) Once stabilization to 90% of original aquifer parameters was achieved, the groundwater samples were collected. The sampling equipment was washed in an Alconox solution and double-rinsed with clean deionized water;

6) 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;

7) 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;

8) The December 2000 samples were analyzed by Zalco Laboratories, Inc. a California-certified laboratory in Bakersfield, California, for total petroleum hydrocarbons as gasoline (TPH-g), volatile aromatics (BTXE), and MTBE by EPA methods 8015-modified and 8020, respectively. The laboratory reports and chain-of-custody documentation are presented in **Attachment C**.

The following table summarizes the analytical results for **AEC**'s groundwater sampling program. Units are in micrograms per liter (µg/L) which are equivalent to parts per billion (ppb).

TABLE 6
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

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Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
MW-1	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
MW-2	08/08/97	5,350	108	36	144	33	NA
	12/3/97	1,600	73	ND	ND	ND	NA
	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
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
MW-4	08/08/97	ND	ND	ND	ND	ND	NA
	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

ND: Not detected at the indicated level of detection
TPH-g: Total Petroleum Hydrocarbons as gasoline

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 (DIPS), 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). The following Table 7 presents the results of these additional analyses.

Table 7
Analytical Results
Ether Oxygenates & Lead Scavengers

Sample ID:	Date:	TAME	DIPE	ETBE	TBA	EDB	EDC	1,2-DCA
MW-1	06/26/00	<50.0	<50.0	<50.0	<1,000	<0.5	<0.5	<5.0
MW-2	06/26/00	<5.0	<5.0	<5.0	<100.0	<0.5	<0.5	<0.5
MW-3	06/26/00	<5.0	<5.0	<5.0	<100.0	<0.5	<0.5	<0.5
MW-4	06/26/00	<5.0	<5.0	<5.0	<100.0	<0.5	<0.5	<0.5
Units:	N/A	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l

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..... 2000 µg/L
Ethylbenzene..... 680 µg/L
Total Xylenes..... 1750 µg/L

Conclusions

The groundwater sampling results continue to indicate no detectable concentrations of any constituents analyzed within MW-4. Although MTBE was not idicated within the laboratory analysis, samples collected from MW-1 were significantly higher in concentrations of gasoline and volatile organic compounds than in the previous sampling event. Additionally, total gasoline-range petroleum hydrocarbons, volatile organic compounds, and MTBE were higher in wells MW-2 and MW-3 during December 2000 than in the previous sampling event.

Based on the absence of detectable concentrations of ether oxygenates groundwater samples collected in June 2000, oxygenate analyses were not performed on the samples collected on December 15, 2000.

The current gradient was calculated to be North 151° West and the gradient is 0.26 ft/100ft. Flow direction and gradient have remained relatively consistent with previous sampling rounds. The monitoring wells yielded adequate water volume and could not be bailed dry. Recharge was adequate in all four wells.

Recommendations

Advanced Environmental Concepts, Inc. recommends continued sampling of the groundwater wells for this site. Additionally, AEC recommends the installation of additional down-gradient monitoring wells in order to assess the magnitude of offsite migration of contaminants toward the northwest.

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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,

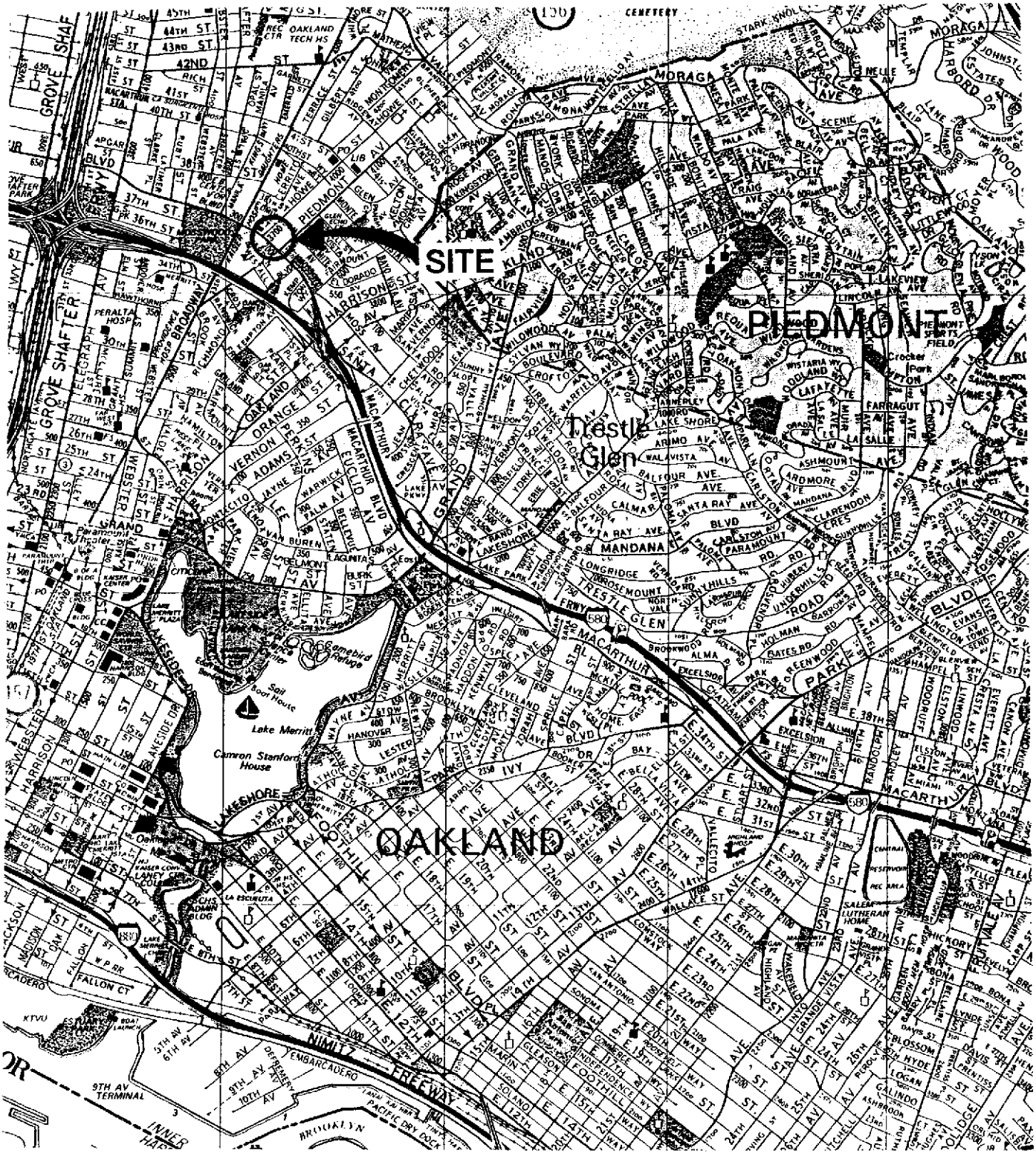
Advanced Environmental Concepts, Inc.

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 R. Bellue
Registered Professional Engineer #C53934

Doc30HV



Map Source: Thomas Maps

ADVANCED ENVIRONMENTAL CONCEPTS INC.

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

- SITE AREA -

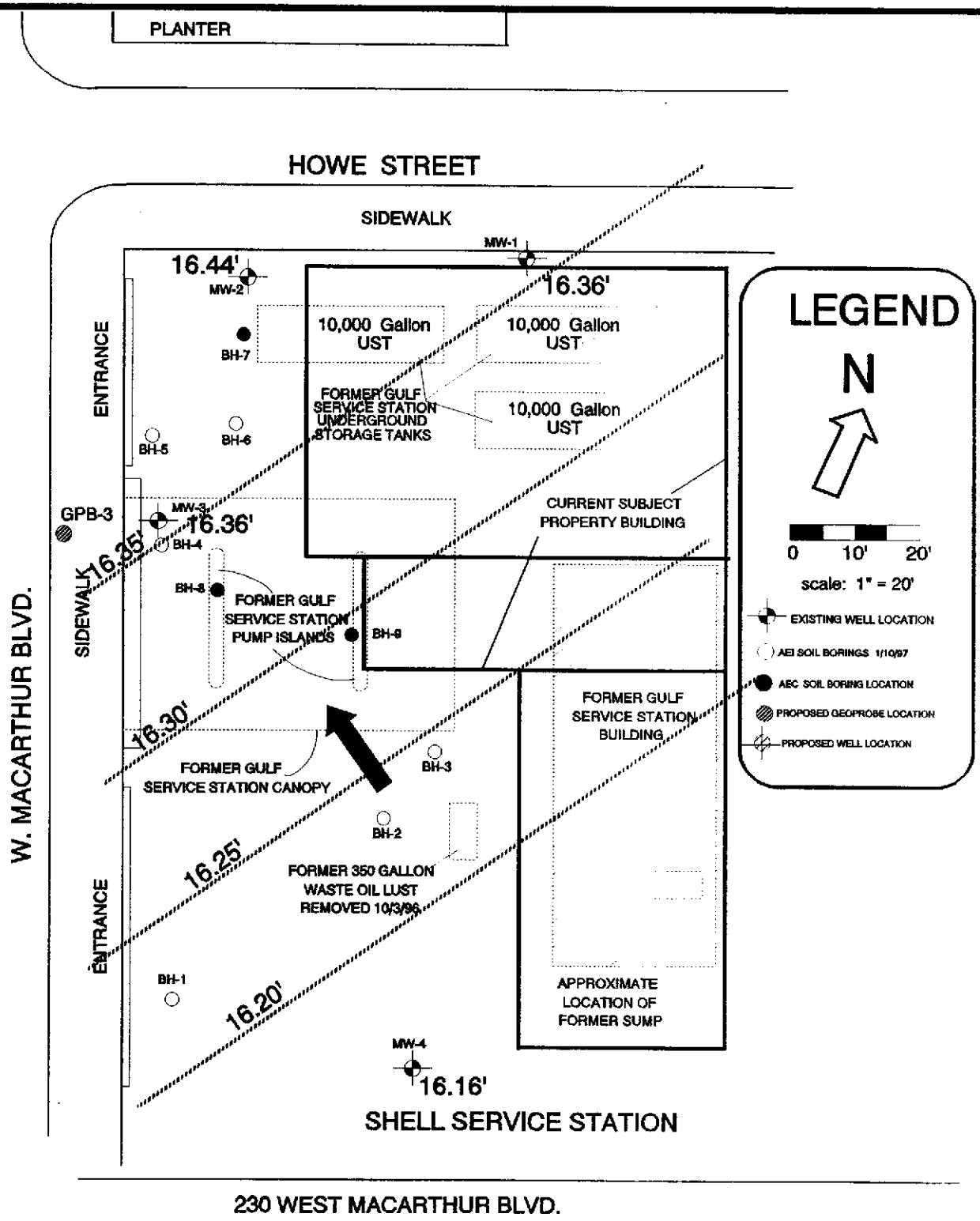
Prestige Products Corporation

240 West MacArthur Blvd.

County of Alameda - Oakland, California

FIGURE

1



ADVANCED ENVIRONMENTAL CONCEPTS INC

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

- Hydraulic Gradient December 2000

VOGUE TYRES

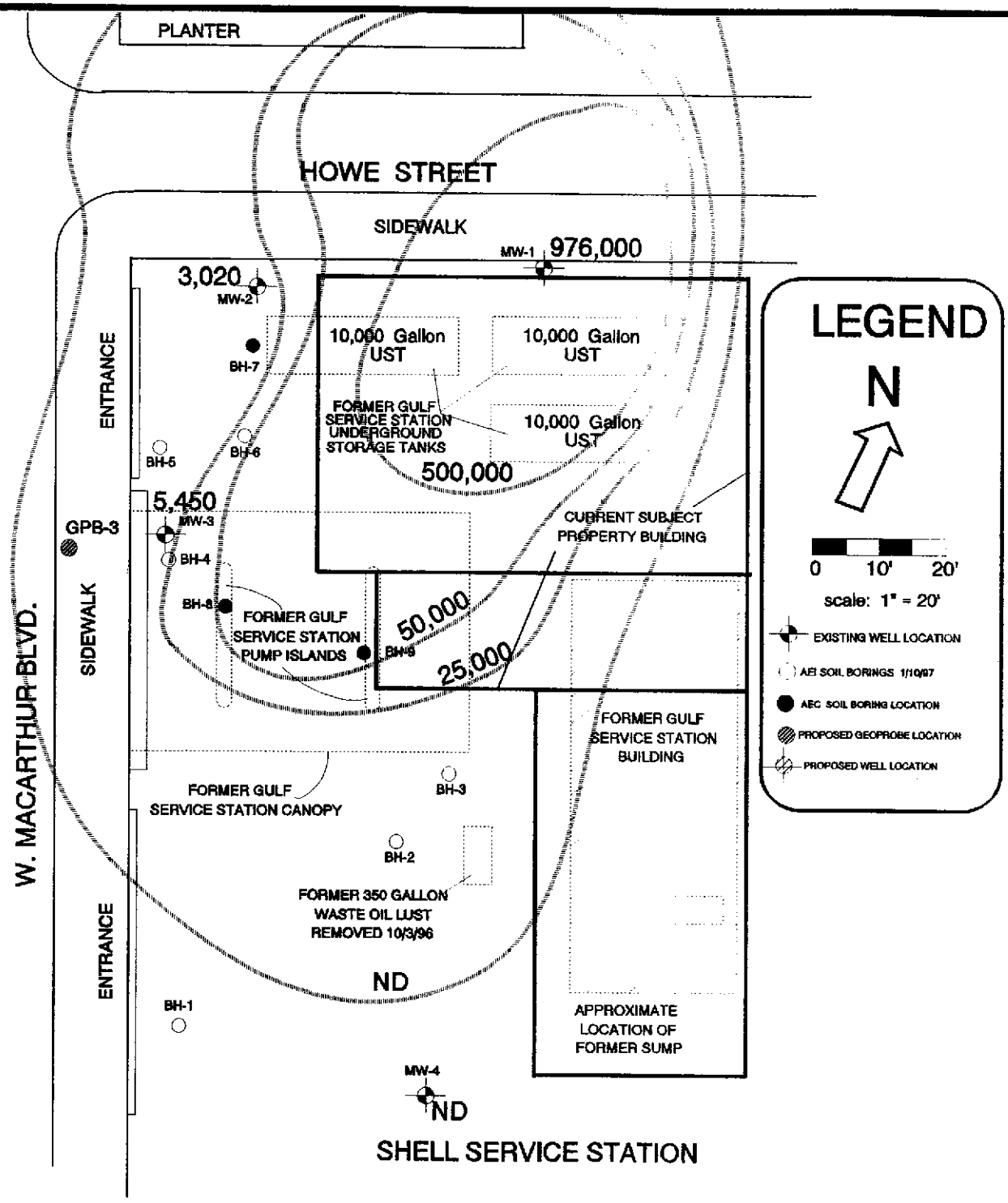
Prestige Products Corporation

240 West MacArthur Blvd.

County of Alameda - Oakland, California

FIGURE

2



230 WEST MACARTHUR BLVD.

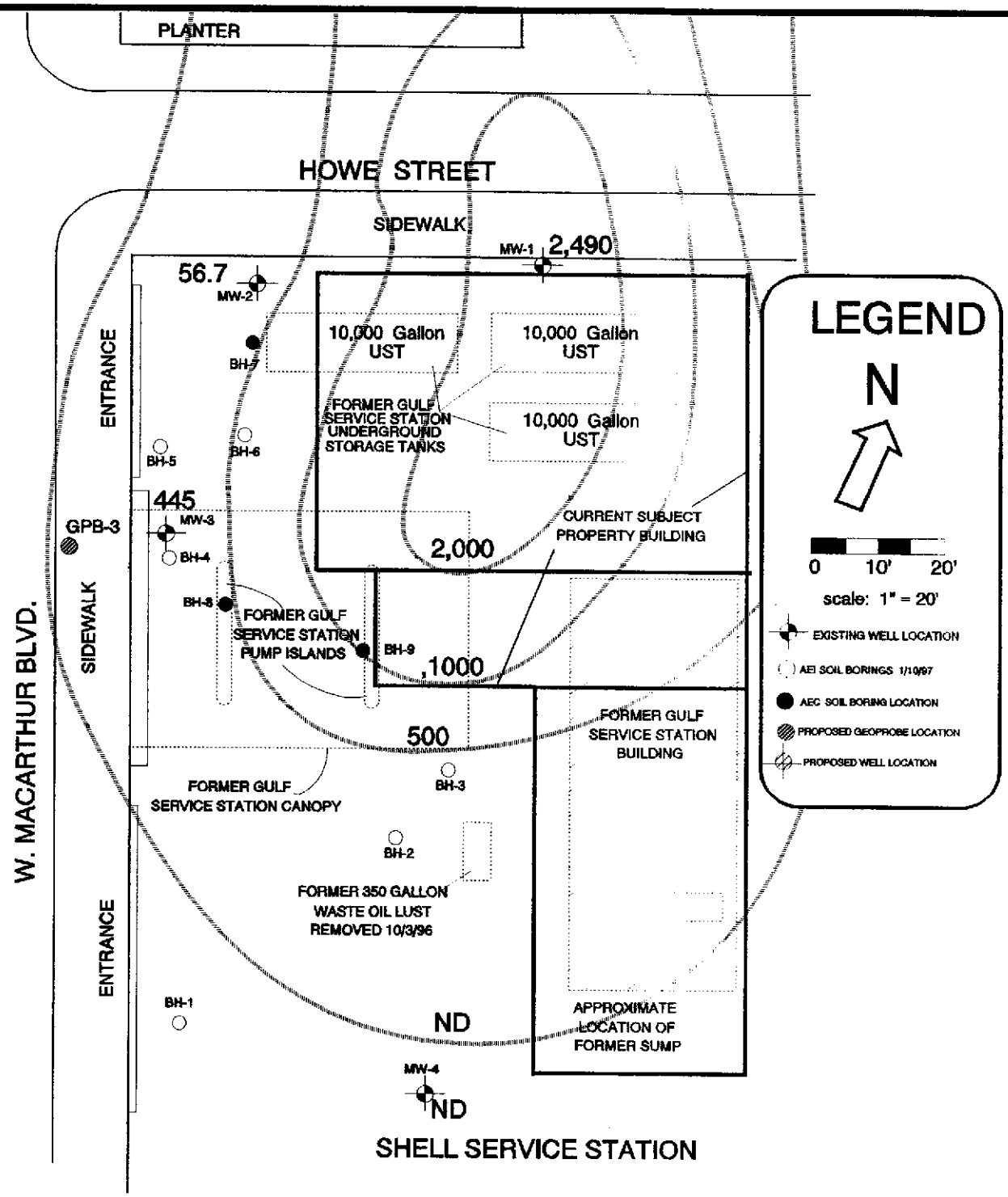
ADVANCED ENVIRONMENTAL CONCEPTS INC

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

TPH-gasoline Concentrations December 2000
(results reported in parts per billion)

VOGUE TYRES
Prestige Products Corporation
240 West MacArthur Blvd.
County of Alameda - Oakland, California

FIGURE
3



230 WEST MACARTHUR BLVD.

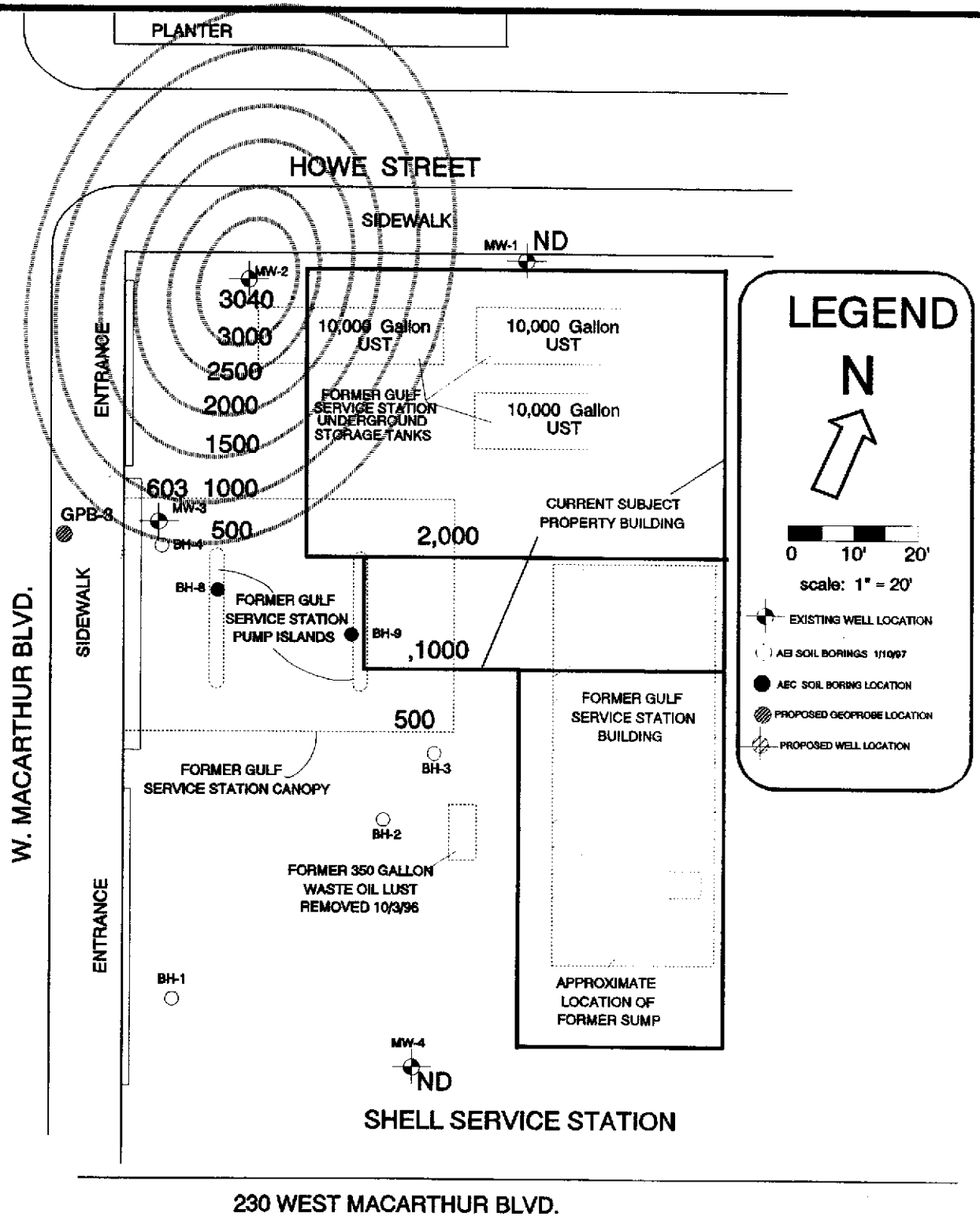
ADVANCED ENVIRONMENTAL CONCEPTS INC

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

Benzene Concentrations December 2000
(results reported in parts per billion)

VOGUE TYRES
Prestige Products Corporation
240 West MacArthur Blvd.
County of Alameda - Oakland, California

FIGURE
4



ADVANCED ENVIRONMENTAL CONCEPTS INC

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

MTBE Concentrations December 2000
(results reported in parts per billion)

VOGUE TYRES
Prestige Products Corporation
240 West MacArthur Blvd.
County of Alameda - Oakland, California

FIGURE
5

Groundwater Parameters

Site Name: Vogue Tyres AEC P.O. #: _____

Location: 240 West MacArthur Project #: _____

Oakland, CA Date: December 15, 2000

TIME	GALLONS PURGED	CONDUCTIVITY	TEMPERATURE	pH
	MONITORING WELL # 1			
	1.5 gallons	2,260	71.2	6.94
	3.0 gallons	2,280	71.3	6.96
	MONITORING WELL # 2			
	1.5 gallons	2,080	71.0	7.12
	3.0 gallons	2,120	70.9	7.12
	MONITORING WELL # 3			
	1.5 gallons	1,920	70.8	6.98
	3.0 gallons	1,940	70.6	7.02

3 Casing Volumes

4" Screen = (.66 gal/ft) (_____ ft) = _____ 2" Screen = (.17 gal/ft) (_____ ft) = _____

MW # 1 Depth to Groundwater = 16.36' Corrected Depth: 16.36' Survey: 4.39'

MW # 2 Depth to Groundwater = 15.74' Corrected Depth: 16.44' Survey: 5.09'

MW # 3 Depth to Groundwater = 14.81' Corrected Depth: 16.36' Survey: 5.94'

Groundwater Parameters

Site Name: Vogue Tyres AEC P.O. #: _____

Location: 240 West MacArthur Project #: _____

Oakland, CA Date: December 15, 2000

TIME	GALLONS PURGED	CONDUCTIVITY	TEMPERATURE	pH
	MONITORING WELL # 4			
	1.5 gallons	2,160	72.0	6.96
	3.0 gallons	2,140	71.9	7.02
	MONITORING WELL # ____			
	MONITORING WELL # ____			

3 Casing Volumes

4" Screen = (.66 gal/ft) (_____ ft) = _____ 2" Screen = (.17 gal/ft) (_____ ft) = _____

MW # 4 Depth to Groundwater = 14.83' Corrected Depth: 16.16' Survey: 5.72'

MW # ____ Depth to Groundwater = _____ Corrected Depth: _____ Survey: _____

MW # ____ Depth to Groundwater = _____ Corrected Depth: _____ Survey: _____

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Advanced Environmental Concepts
4400 Ashe Road Suite 206
Bakersfield, CA 93313

Attention: David Palmer

Sample Type: Water

Description: MW-1, Existing Well #1, Vogue Tyres Facility
Sampled by Dave Palmer

Laboratory No: 0012244-1
Date Received: 12/18/00
Date Reported: 12/28/00
Contract No. :
Date Sampled : 12/15/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
BTXEM & TPH-Gasoline				
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	150	8020/8015M/8
Benzene	2490	ug/L	150	8020/8015M/8
Toluene	1420	ug/L	150	8020/8015M/8
Ethylbenzene	3640	ug/L	150	8020/8015M/8
Total Xylenes	10100	ug/L	300	8020/8015M/8
TPH Gasoline	976	mg/l	25	8020/8015M/8

Analyzed : 12/20/00 JMM

cc:

Method Reference
8. DOHS LUFT Manual

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Advanced Environmental Concepts
4400 Ashe Road Suite 206
Bakersfield, CA 93313

Attention: David Palmer

Sample Type: Water

Description: MW-2, Existing Well #2, Vogue Tyres Facility
Sampled by Dave Palmer

Laboratory No: 0012244-2
Date Received: 12/18/00
Date Reported: 12/28/00
Contract No. :
Date Sampled : 12/15/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
BTXEM & TPH-Gasoline				
Methyl tert-Butyl Ether (MTBE)	1140	ug/L	38	8020/8015M/8
Benzene	56.7	ug/L	1.5	8020/8015M/8
Toluene	ND	ug/L	1.5	8020/8015M/8
Ethylbenzene	ND	ug/L	1.5	8020/8015M/8
Total Xylenes	ND	ug/L	3.0	8020/8015M/8
TPH Gasoline	3.02	mg/l	0.50	8020/8015M/8
Methyl tert-Butyl Ether (MTBE)	3040	ug/L	250	8260/1

Analyzed : 12/22/00 SVM

cc:

Method Reference

1. EPA SW-846, 1994 3rd Edition
8. DOHS LUFT Manual

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Advanced Environmental Concepts
4400 Ashe Road Suite 206
Bakersfield, CA 93313

Attention: David Palmer

Sample Type: Water

Description: MW-3, Existing Well #3, Vogue Tyres Facility
Sampled by Dave Palmer

Laboratory No: 0012244-3
Date Received: 12/18/00
Date Reported: 12/28/00
Contract No. :
Date Sampled : 12/15/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
BTXEM & TPH-Gasoline				
Methyl tert-Butyl Ether (MTBE)	603	ug/L	7.5	8020/8015M/8
Benzene	445	ug/L	7.5	8020/8015M/8
Toluene	ND	ug/L	7.5	8020/8015M/8
Ethylbenzene	ND	ug/L	7.5	8020/8015M/8
Total Xylenes	23.8	ug/L	15	8020/8015M/8
TPH Gasoline	5.45	mg/l	1.3	8020/8015M/8

Analyzed : 12/20/00 JMM

cc:

Method Reference
8. DOHS LUFT Manual

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million
ug/L : micrograms per Liter (parts per billion
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Advanced Environmental Concepts
4400 Ashe Road Suite 206
Bakersfield, CA 93313

Attention: David Palmer

Sample Type: Water

Description: MW-4, Existing Well #4, Vogue Tyres Facility
Sampled by Dave Palmer

Laboratory No: 0012244-4
Date Received: 12/18/00
Date Reported: 12/28/00
Contract No. :
Date Sampled : 12/15/00
Time Sampled :

REPORT OF ANALYTICAL RESULTS

Constituents	Results	Units	DLR	Method/Ref
BTXEM & TPH-Gasoline				
Methyl tert-Butyl Ether (MTBE)	ND	ug/L	0.3	8020/8015M/8
Benzene	ND	ug/L	0.3	8020/8015M/8
Toluene	ND	ug/L	0.3	8020/8015M/8
Ethylbenzene	ND	ug/L	0.3	8020/8015M/8
Total Xylenes	ND	ug/L	0.6	8020/8015M/8
TPH Gasoline	ND	mg/l	0.5	8020/8015M/8

Analyzed : 12/20/00 JMM

cc:

Method Reference
8. DOHS LUFT Manual

Jim Etherton, Lab Operations Manager

mg/L : milligrams per Liter (parts per million)
ug/L : micrograms per Liter (parts per billion)
umhos/cm : micromhos/cm at 25 C
mmhos/cm : millimhos/cm at 25 C
ND : None Detected N/A : Not Applicable
NSS : Not Sufficient Sample for Analysis
DLR : Detection Limit for Reporting Purposes

CHAIN-OF-CUSTODY RECORD

Client: AEC	Date: 12-15-2000		LAB Project #: 0012244
Project Name: VOGUE TYRES FACILITY	Client Project #		Page: 1 of 1
Project Address: 240 W. MACARTHUR BLVD. OAKLAND, CA	Turn Around Requested: ☐ 24-Hour-Rush ☐ 48-Hour-Rush ☑ Normal ☐ Mobile Lab		Lab Use Only. Sample Condition as received: Chilled Yes / No Sealed Yes / No
Sampler's Signature: David A. Palmer			

Sample	Sample Location	Date	Time	Laboratory Sample Number	Sample Matrix: Soil(S) Sludge(SL), Aqueous(A)	Analysis Requested: TPH-g / BTXE / MTBE (8260)	Number of Containers	Container / Comments
MW-1	EXISTING WELL #1	12-15-00			A	✓	3	(8260) POSITIVE MTBE MUST
MW-2	2				A	✓	3	BE CONFIRMED BY
MW-3	3				A	✓	3	8260B
MW-4	4				A	✓	3	
TRAVEL BLANK	BLANKS				A	*	2	HOLD BLANKS FOR
								INSTRUCTION

❶ Relinquished by: (Signature) David A. Palmer	Date: 12-18-00	❷ Received by: (Signature)	Date: 12-18-00	14	Total Number of Containers
Company: AEC	Time: 950	Company: AEC	Time: 950		
❸ Relinquished by: (Signature)	Date: 12-19-00	❹ Received by Laboratory: (Signature)	Date: 12/18/00		
Company: AEC	Time: 10:11	Company: ZALCO LABS	Time: 1010		

ADVANCED ENVIRONMENTAL CONCEPTS INC
661/831-1646 4400 ASHE ROAD, #206
FAX 661/831-1771 BAKERSFIELD, CA 93313
E-mail: advanced@lightspeed.net