■ ADVANCED ENVIRONMENTAL CONCEPTS INC ■

March 26, 2003

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

Regarding: **1st Quarter Groundwater Sampling Report (2003)**
Former Vogue Tyres Facility
240 West MacArthur Boulevard
Oakland, California

Dear Mr. Hwang,

Please find enclosed the First Quarter 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. Glen Poy-Wing

ADVANCED ENVIRONMENTAL CONCEPTS INC

March 7, 2003

Mr. Glen Poy-Wing
Oakland Auto Work
240 W. MacArthur Blvd.
Oakland, CA 94611

Regarding: **1st Quarter Groundwater Sampling (2003)**
Former Vogue Tyres Facility
240 West MacArthur Boulevard
Oakland, California

Dear Mr. Poy-Wing:

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)**.

1.0 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).

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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).

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.

2.0 QUARTERLY 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;

Rogue Tires
3/28/03
consultant reports on data
include

? source of nitrate

? free prod. OO
check report - no explan

cont mon

check adj. site

WO removal didn't address

delin

? EDB,

purposes
? XC for site
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clay, no iron logs
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until
no justifiable tech data rec 3
more
drainage

MW 6 - no soil samples

? until

4/2/03

1@03
MW 5 ⊕

12/00 @

hi MW 1 - no explanation

search LOP on W Mac
411 W Mac , Unocal R251
890 , Chev R2438

search Mac
~~Shel~~

search Shel
230 W Mac 94611 R303

4/3/03

1@03
? delin gw plume MW-5

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 January 27, 2003 samples were analyzed by Associated Laboratories, a California-certified laboratory in Orange, California, for total petroleum hydrocarbons as gasoline (TPH-g), volatile aromatics (BTXE), and MTBE by EPA methods 8015-modified and 8021B, 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
	05/24/02	1,600	100	23	190	20	7.7
	07/12/02	2,300	250	15	180	13	180
	10/25/02	1,820	222	16	59	<0.3	58
	01/27/03	2,880	188	<50	157	<50	20
MW-2	08/08/97	5,350	108	36	144	33	NA

Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
MW-2	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
	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"	10/22/02	**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
	05/24/02	320	12	1.1	4.8	4.6	160
	07/12/02	1,300	130	1.0	5.6	9.4	420
	10/25/02	1,060	12	2.2	3.5	4.2	270
	01/27/03	581	6.5	<5	<5	<5	130
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

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Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
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
	05/24/02	1,600	110	3.4	14	29	320
	07/12/02	1,900	210	27	55	30	200
	10/22/02	3,030	178	19	36	6.2	178
	10/25/02	1,970	96	18	52	14	226
	01/27/03	2,980	47	<5	6.3	7.6	105
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
	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
	05/24/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	07/12/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	10/25/02	<100	<0.3	<0.3	<0.6	<0.3	<5
	01/27/03	<100	<0.3	<0.3	<0.6	<0.3	14
MW-5	02/14/01	5,660	76.9	21.1	312	47.3	<0.3

Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
MW-5	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	**26,000**	**2,800**	**980**	**950**	**6,000**	**2,300**
Post "hi-vac"	10/26/01	**17,000**	**1,200**	**470**	**440**	**2,900**	**900**
	12/19/01	2,000	620	190	910	110	<20
	03/18/02	8,800	1,200	72	350	7.4	1,200
	05/24/02	2,000	150	38	260	21	13
	07/12/02	4,200	480	68	280	29	450
	10/25/02	5,370	236	45	39	23	135
	01/27/03	8,270	615	156	1,010	174	<10
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	**280**	**18**	**1.2**	**4.7**	**6.2**	**6**
Post "hi-vac"	10/26/01	**3,600**	**210**	**20**	**62**	**170**	**120**
	12/19/01	5,300	69	5.6	17	14	<2
	03/18/02	71	54	4.2	17	27	8.5
	05/24/02	150	9.3	<0.5	<0.5	<0.5	1.5
	07/12/02	2,200	98	32	150	46	66
	10/25/02	786	48	5	44	2.2	16
	01/27/03	497	6.8	<5	11	<5	<1
MW-7	02/14/01	<0.005	<0.3	<0.3	<0.3	<0.3	284
	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
	05/24/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Sample ID	Date	TPH-g	Benzene	Toluene	Xylenes	Ethylbenzene	MTBE
MW-7	07/12/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	10/25/02	<100	<0.3	<0.3	<0.6	<0.3	<5
	01/27/03	NA*	NA*	NA*	NA*	NA*	NA*
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
	05/24/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	07/12/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	10/25/02	458	1.7	<0.3	<0.6	<0.3	233
	01/27/03	<100	<0.3	<0.3	<0.6	<0.3	<5

TPH-g: Total Petroleum Hydrocarbons as gasoline
NA*: Not analyzed - sample containers broke

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

3.0 CONCLUSIONS

The groundwater sampling results continue to indicate trace to non detectable concentrations of gasoline constituents analyzed within MW-4 (upgradient well) and MW-8. MW-7 which has always exhibited trace to non-detectable gasoline concentrations, was not sampled because the glass containers were broken during shipment to the laboratory. MW-6 exhibited trace to minor concentrations of TPH-gasoline and VOCs and is also on 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 are on a stabilizing and primarily decreasing trend. The benzene concentrations have exhibited the greatest decrease in concentration since the "hi-vac" of October 2001 and MTBE has also exhibited marked decreases in concentrations. It appears that using vacuum extraction on the contaminated groundwater in MW-1 and MW-5 has reduced and stabilized the groundwater

plume. The wells occasionally "spike" upwards, however, concentrations remain well below pre "hi-vac" concentrations.

Oxygenate analyses were also conducted on the groundwater samples and indicated trace to minor concentrations.

The current flow direction was calculated to be North 70° West and the gradient is calculated at 0.33 ft/100ft. Flow direction and gradient have remained relatively consistent with prior sampling rounds. The monitoring wells yield adequate water volume and cannot be bailed dry. Recharge is good in all eight monitoring wells. Also, depth to water has come up approximately 2.0 feet during the past quarter indicating recharge is occurring from seasonal precipitation.

4.0 RECOMMENDATION

Advanced Environmental Concepts, Inc. recommends no additional quarters of sampling for this site. The plume continues to exhibit stable asymptopic gasoline concentrations; therefore, AEC recommends closure for the site and permission to abandon the groundwater wells. AECs rationale is based on the following:

(1) There are no drinking water supply wells in this area of Oakland. All water is imported through subsurface plumbing from outside this area; therefore, there is no opportunity for this gasoline release to affect drinking water supplies.

(2) The plume has not migrated greater that 30-feet from the former UST and dispenser release points.

(3) The gasoline plume in water is "perched" on a malleable "fat" clay at approximately 16-feet bgs and has exhibited no vertical migration into the clay layer. The water-bearing zone is also confined by a "fat" clay layer that extends to approximately 11-feet bgs, thereby reducing the potential for vertical vapor migration to the surface. The upper clay layer also retains the gasoline hydrocarbons rendering complete removal impossible by any remediation methods with the exception of excavation. However, the close proximity of the aboveground structures on the subject property, and numerous subsurface utility vaults and lines, negates the possibility of excavation as a viable option, therefore, there will always be some leaching of the hydrocarbons from the clay into groundwater.

(4) The most elevated gasoline concentrations have been recorded from monitoring wells 1 and 5 which are along the north wall of the onsite car warehouse structure. The "hi-vac" method has reduced the gasoline concentrations from "free product" in wells 1 and 5 to less than 5,370 ppb of TPH-gasoline in Well 5 and 1,820 ppb in Well 1. In addition, benzene concentrations have decreased from a high of 5,200 ppb to the current measured result of 188 ppb in MW-1. The sampling results from the prior four quarters indicate a stabilizing and decreasing trend and that an asymptopic line is being reached.

5.0 CLOSING

Advanced Environmental Concepts, Inc. appreciates the opportunity of providing our professional services to Mr. Glen Poy-Wing. 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
California Registered Geologist #7468

Doc30JQ

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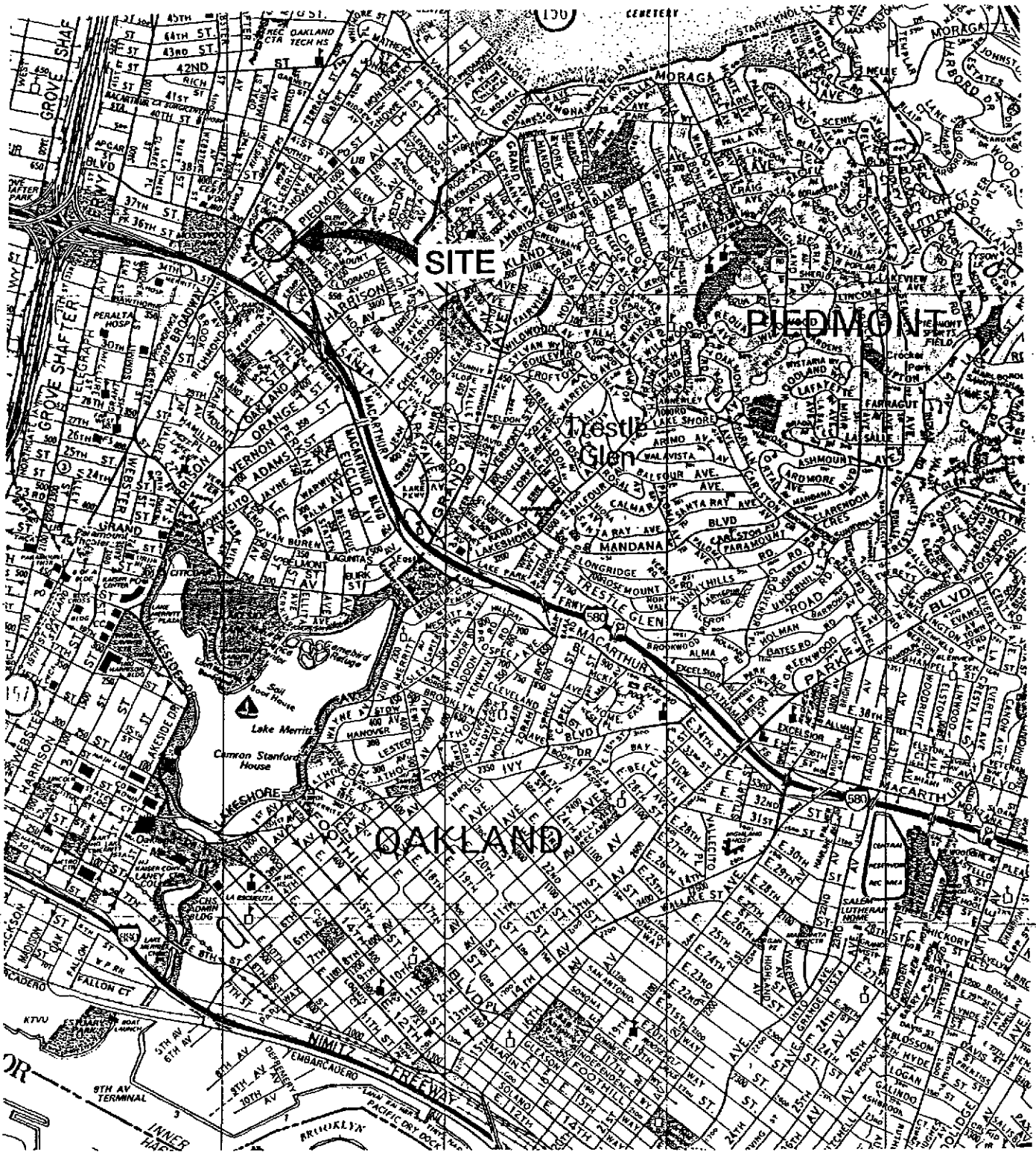

Map Source: Thomas Maps

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P.O. BOX 40672 BAKERSFIELD, CA 93384

- SITE AREA -

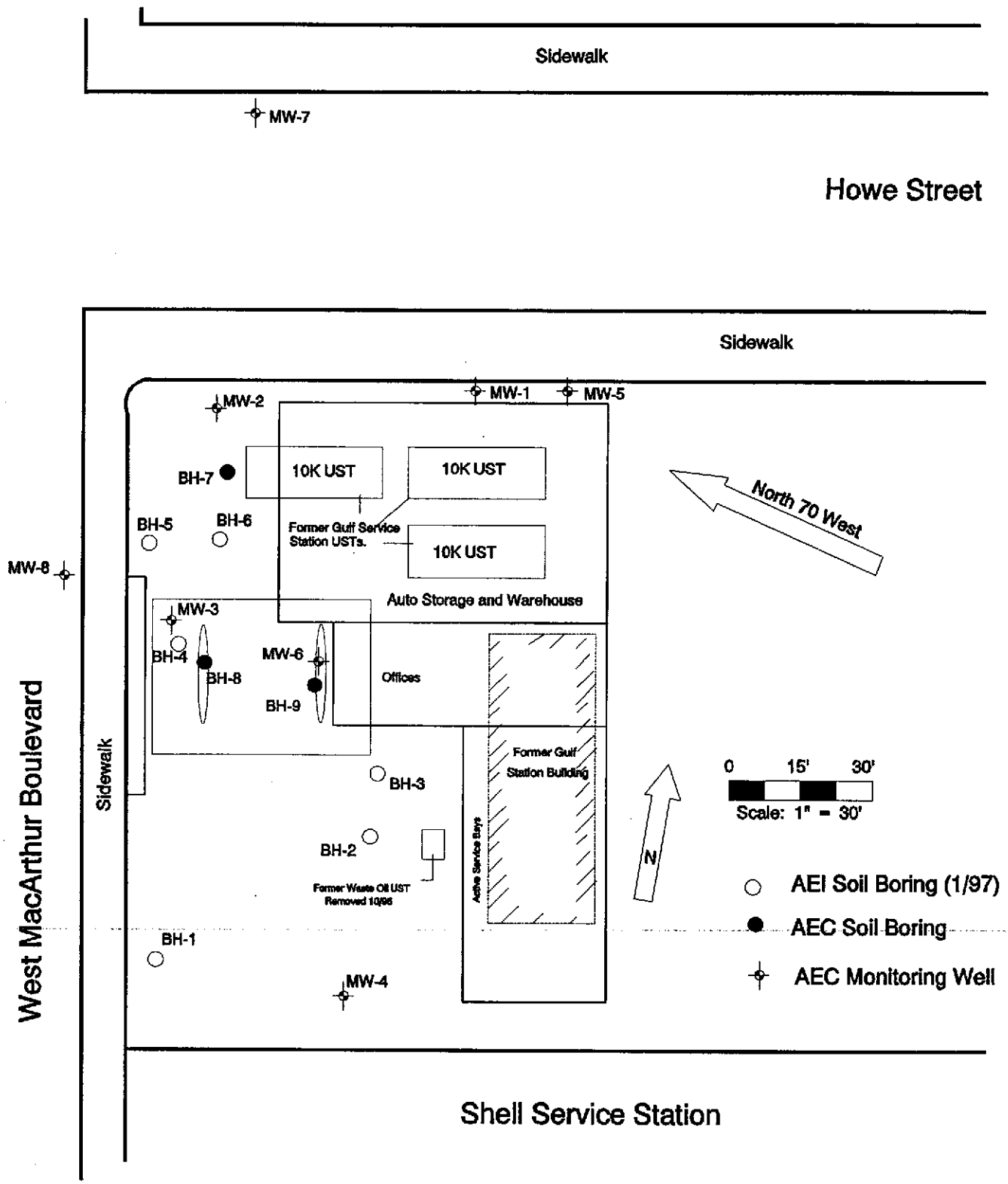
Prestige Products Corporation

240 West MacArthur Blvd.

County of Alameda - Oakland, California

FIGURE

1



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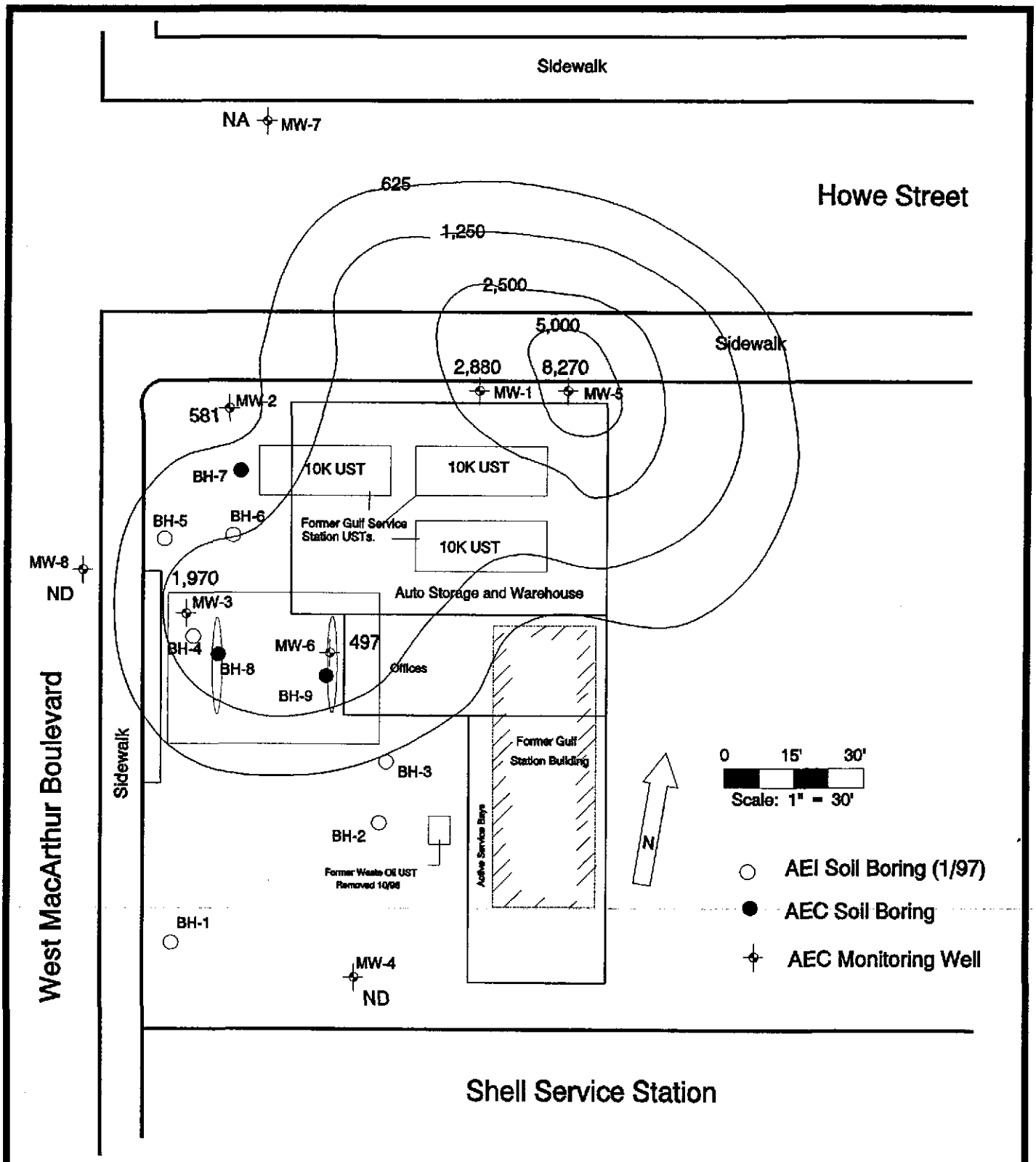
P.O. BOX 40672 BAKERSFIELD, CA 93384

Groundwater Flow Direction
(January 27, 2003)
Former Vogue Tyres Facility
240 West MacArthur Boulevard
County of Alameda • Oakland, CA

FIGURE
2

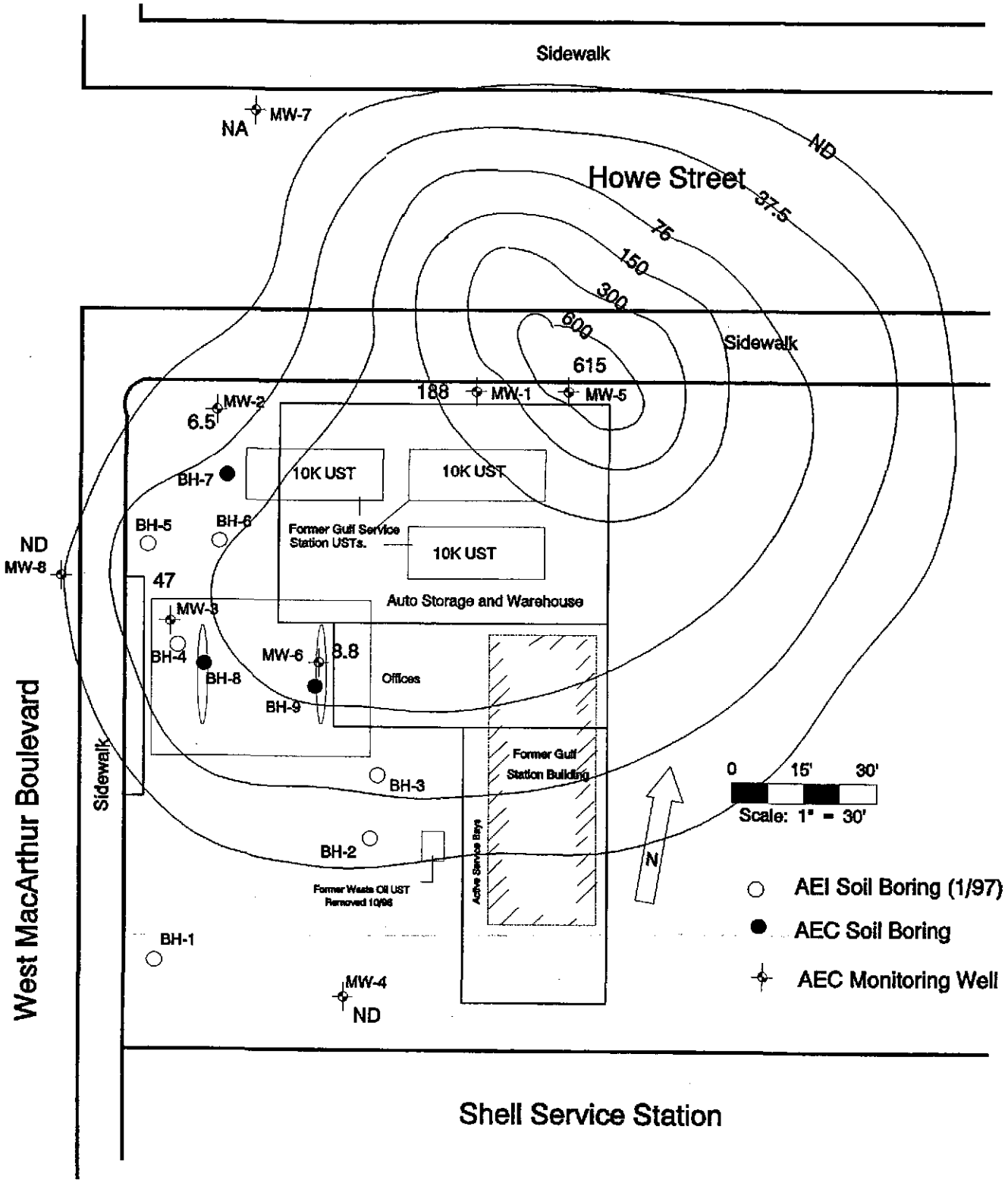


ADVANCED ENVIRONMENTAL CONCEPTS INC

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

TPH-Gasoline in Water (ppb)
(January 27, 2003)
Former Vogue Tyres Facility
240 West MacArthur Boulevard
County of Alameda • Oakland, CA

FIGURE
3



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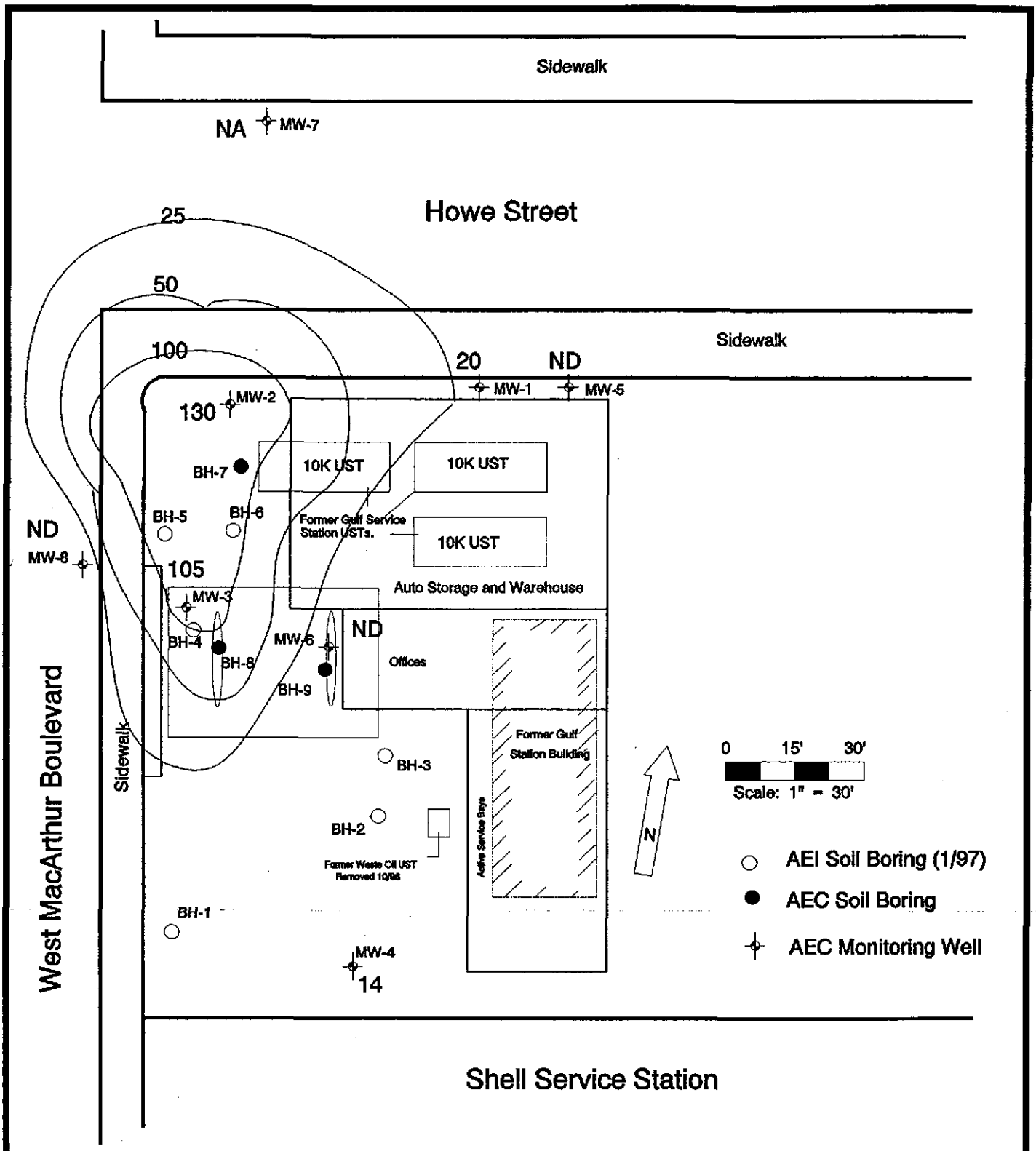
P.O. BOX 40672 BAKERSFIELD, CA 93384

Benzene in Groundwater (ppb)
(January 27, 2003)
Former Vogue Tyres Facility
240 West MacArthur Boulevard
County of Alameda • Oakland, CA

FIGURE
4



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MTBE in Groundwater (ppb)

(January 27, 2003)

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: January 27, 2003

TIME	GALLONS PURGED	CONDUCTIVITY	TEMPERATURE	pH	TURBIDITY
	MONITORING WELL # 1				
	1 bailer	1,740	68.1	7.10	9.3
	MONITORING WELL # 2				
	1 bailer	1,690	68.3	7.12	9.0
	MONITORING WELL # 3				
	1 bailer	1,720	68.3	7.20	8.4

3 Casing Volumes

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

MW # MW-1 Depth to Groundwater = 14.91' Corrected Depth: 15.14' Survey: 4.38'

MW # MW-2 Depth to Groundwater = 14.37' Corrected Depth: 16.02' Survey: 5.80'

MW # MW-3 Depth to Groundwater = 13.49' Corrected Depth: 15.31' Survey: 5.97'

Groundwater Parameters

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

AEC P.O. #: _____
Project #: _____
Date: January 27, 2003

TIME	GALLONS PURGED	CONDUCTIVITY	TEMPERATURE	pH	TURBIDITY
	MONITORING WELL # 4				
	1 bailer	1,920	68.5	7.20	8.4
	MONITORING WELL # 5				
	1 bailer	1,980	68.6	7.19	9.6
	MONITORING WELL # 6				
	1 bailer	1,960	68.6	7.16	13.8

3 Casing Volumes

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

MW # MW-4 Depth to Groundwater = 13.39' Corrected Depth: 15.09' Survey: 5.85'

MW # MW-5 Depth to Groundwater = 14.99' Corrected Depth: 14.99' Survey: 4.15'

MW # MW-6 Depth to Groundwater = 14.17' Corrected Depth: 15.16' Survey: 5.14'

Groundwater Parameters

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

AEC P.O. #: _____
Project #: _____
Date: January 27, 2003

TIME	GALLONS PURGED	CONDUCTIVITY	TEMPERATURE	pH	TURBIDITY
	MONITORING WELL # 7				
	1 bailer	1,810	68.8	7.21	14.9
	MONITORING WELL # 8				
	1 bailer	1,960	68.9	7.29	15.2
	MONITORING WELL # ___				

3 Casing Volumes

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

MW # MW-7 Depth to Groundwater = 14.22' Corrected Depth: 15.31' Survey: 5.24'

MW # MW-8 Depth to Groundwater = 12.49' Corrected Depth: 15.52' Survey: 7.18'

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

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 FAX 714/538-1209

CLIENT Advanced Environmental Concepts Inc. (10022)
ATTN: Jonathan Buck
4400 Ashe Road
#206
Bakersfield, CA 93313

LAB REQUEST 105866
REPORTED 02/10/2003
RECEIVED 02/01/2003

PROJECT Vogue Tyres
240 W. Mac Arthur Blvd., Oakland

SUBMITTER Client

COMMENTS * Matrix Interference

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
409138	MW-4
409139	MW-8
409140	MW-3
409141	MW-2
409142	MW-6
409143	MW-1
409144	MW-5
409145	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 409143
Matrix: WATER
Client: Advanced Environmental Concepts Inc.
Client Sample ID: MW-1
Date Sampled: 01/27/2003
Time Sampled:
Sampled By:

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,1,1,2-Tetrachloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1,1-Trichloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1,2,2-Tetrachloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1,2-Trichloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1,2-Trichlorotrifluoroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1-Dichloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1-Dichloroethene	ND	10	50.0	ug/L	02/05/03	AM
1,1-Dichloropropene	ND	10	50.0	ug/L	02/05/03	AM
1,2,3-Trichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,2,3-Trichloropropane	ND	10	50.0	ug/L	02/05/03	AM
1,2,4-Trichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,2,4-Trimethylbenzene	150	10	50.0	ug/L	02/05/03	AM
1,2-Dibromo-3-chloropropane	ND	10	50.0	ug/L	02/05/03	AM
1,2-Dibromoethane	ND	10	50.0	ug/L	02/05/03	AM
1,2-Dichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,2-Dichloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,2-Dichloropropane	ND	10	50.0	ug/L	02/05/03	AM
1,3,5-Trimethylbenzene	ND	10	50.0	ug/L	02/05/03	AM
1,3-Dichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,3-Dichloropropane	ND	10	50.0	ug/L	02/05/03	AM
1,4-Dichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,4-Dioxane	ND	10	570.0	ug/L	02/05/03	AM
1-Chlorohexane	ND	10	50.0	ug/L	02/05/03	AM
2,2-Dichloropropane	ND	10	50.0	ug/L	02/05/03	AM
2-Butanone (MEK)	ND	10	1000.0	ug/L	02/05/03	AM
2-Chloroethyl vinyl ether	ND	10	50.0	ug/L	02/05/03	AM
2-Chlorotoluene	ND	10	50.0	ug/L	02/05/03	AM
2-Hexanone	ND	10	200.0	ug/L	02/05/03	AM
4-Chlorotoluene	ND	10	50.0	ug/L	02/05/03	AM
4-Methyl -2- Pentanone	ND	10	100.0	ug/L	02/05/03	AM
Acetone	ND	10	1000.0	ug/L	02/05/03	AM
Acetonitrile	ND	10	500.0	ug/L	02/05/03	AM
Acrolein	ND	10	2000.0	ug/L	02/05/03	AM
Acrylonitrile	ND	10	100.0	ug/L	02/05/03	AM
Allyl chloride	ND	10	50.0	ug/L	02/05/03	AM
Benzene	188	10	10.0	ug/L	02/05/03	AM
Benzyl chloride	ND	10	50.0	ug/L	02/05/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409143 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-1

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Bromobenzene	ND	10	50.0	ug/L	02/05/03 AM
Bromochloromethane	ND	10	50.0	ug/L	02/05/03 AM
Bromodichloromethane	ND	10	50.0	ug/L	02/05/03 AM
Bromoform	ND	10	50.0	ug/L	02/05/03 AM
Bromomethane	ND	10	50.0	ug/L	02/05/03 AM
Carbon Disulfide	ND	10	50.0	ug/L	02/05/03 AM
Carbon tetrachloride	ND	10	50.0	ug/L	02/05/03 AM
Chlorobenzene	ND	10	50.0	ug/L	02/05/03 AM
Chloroethane	ND	10	50.0	ug/L	02/05/03 AM
Chloroform	ND	10	50.0	ug/L	02/05/03 AM
Chloromethane	ND	10	50.0	ug/L	02/05/03 AM
cis-1,2-Dichloroethene	ND	10	50.0	ug/L	02/05/03 AM
cis-1,3-Dichloropropene	ND	10	50.0	ug/L	02/05/03 AM
cis-1,4-Dichloro-2-butene	ND	10	200.0	ug/L	02/05/03 AM
Dibromochloromethane	ND	10	50.0	ug/L	02/05/03 AM
Dibromomethane	ND	10	50.0	ug/L	02/05/03 AM
Dichlorodifluoromethane	ND	10	50.0	ug/L	02/05/03 AM
Ethyl benzene	ND	10	50.0	ug/L	02/05/03 AM
Ethyl methacrylate	ND	10	500.0	ug/L	02/05/03 AM
Ethyl-tertbutylether (ETBE)	ND	10	10.0	ug/L	02/05/03 AM
Hexachlorobutadiene	ND	10	50.0	ug/L	02/05/03 AM
Iodomethane	ND	10	50.0	ug/L	02/05/03 AM
Isopropyl ether (DIPE)	ND	10	10.0	ug/L	02/05/03 AM
Isopropylbenzene (Cumene)	ND	10	50.0	ug/L	02/05/03 AM
Methacrylonitrile	ND	10	350.0	ug/L	02/05/03 AM
Methyl methacrylate	ND	10	50.0	ug/L	02/05/03 AM
Methyl-tert-butylether (MTBE)	20	10	10.0	ug/L	02/05/03 AM
Methylene chloride	ND	10	50.0	ug/L	02/05/03 AM
n-Butylbenzene	ND	10	50.0	ug/L	02/05/03 AM
n-Propylbenzene	ND	10	50.0	ug/L	02/05/03 AM
Naphthalene	ND	10	50.0	ug/L	02/05/03 AM
p-Isopropyltoluene	ND	10	50.0	ug/L	02/05/03 AM
Pentachloroethane	ND	10	50.0	ug/L	02/05/03 AM
Propionitrile	ND	10	1000.0	ug/L	02/05/03 AM
sec-Butylbenzene	ND	10	50.0	ug/L	02/05/03 AM
Styrene	ND	10	50.0	ug/L	02/05/03 AM
Tert-amylmethylether (TAME)	ND	10	10.0	ug/L	02/05/03 AM
tert-Butylbenzene	ND	10	50.0	ug/L	02/05/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409143 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-1

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Other Compounds						
Tertiary butyl alcohol (TBA)	68	10	100.0	ug/L	02/05/03	AM
Tetrachloroethene	ND	10	50.0	ug/L	02/05/03	AM
Toluene	ND	10	50.0	ug/L	02/05/03	AM
trans-1,2-Dichloroethene	ND	10	50.0	ug/L	02/05/03	AM
trans-1,3-Dichloropropene	ND	10	50.0	ug/L	02/05/03	AM
trans-1,4-Dichloro-2-butene	ND	10	200.0	ug/L	02/05/03	AM
Trichloroethene	ND	10	50.0	ug/L	02/05/03	AM
Trichlorofluoromethane	ND	10	50.0	ug/L	02/05/03	AM
Vinyl acetate	ND	10	500.0	ug/L	02/05/03	AM
Vinyl chloride	ND	10	50.0	ug/L	02/05/03	AM
Xylenes, total	157	10	50.0	ug/L	02/05/03	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	111			%	70 - 130	
Dibromofluoromethane (sur)	106			%	70 - 130	
p-Bromofluorobenzene (sur)	108			%	70 - 130	
Toluene-d8 (sur)	102			%	70 - 130	
8015M - Total Petroleum Hydrocarbons						
Gasoline	2880	1	100	ug/L	02/05/03	LZ
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	274*			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409141 **Client:** Advanced Environmental Concepts Inc.
Matrix: WATER **Client Sample ID:** MW-2
Date Sampled: 01/27/2003
Time Sampled:
Sampled By:

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/05/03 AM
1,1,1-Trichloroethane	ND	1	5	ug/L	02/05/03 AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/05/03 AM
1,1,2-Trichloroethane	ND	1	5	ug/L	02/05/03 AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/05/03 AM
1,1-Dichloroethane	ND	1	5	ug/L	02/05/03 AM
1,1-Dichloroethene	ND	1	5	ug/L	02/05/03 AM
1,1-Dichloropropene	ND	1	5	ug/L	02/05/03 AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,2,3-Trichloropropane	ND	1	5	ug/L	02/05/03 AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	02/05/03 AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/05/03 AM
1,2-Dibromoethane	ND	1	5	ug/L	02/05/03 AM
1,2-Dichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,2-Dichloroethane	ND	1	5	ug/L	02/05/03 AM
1,2-Dichloropropane	ND	1	5	ug/L	02/05/03 AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	02/05/03 AM
1,3-Dichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,3-Dichloropropane	ND	1	5	ug/L	02/05/03 AM
1,4-Dichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,4-Dioxane	ND	1	57	ug/L	02/05/03 AM
1-Chlorohexane	ND	1	5	ug/L	02/05/03 AM
2,2-Dichloropropane	ND	1	5	ug/L	02/05/03 AM
2-Butanone (MEK)	ND	1	100	ug/L	02/05/03 AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/05/03 AM
2-Chlorotoluene	ND	1	5	ug/L	02/05/03 AM
2-Hexanone	ND	1	20	ug/L	02/05/03 AM
4-Chlorotoluene	ND	1	5	ug/L	02/05/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/05/03 AM
Acetone	ND	1	100	ug/L	02/05/03 AM
Acetonitrile	ND	1	50	ug/L	02/05/03 AM
Acrolein	ND	1	200	ug/L	02/05/03 AM
Acrylonitrile	ND	1	10	ug/L	02/05/03 AM
Allyl chloride	ND	1	5	ug/L	02/05/03 AM
Benzene	6.5	1	1	ug/L	02/05/03 AM
Benzyl chloride	ND	1	5	ug/L	02/05/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409141 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-2

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Bromobenzene	ND	1	5	ug/L	02/05/03 AM
Bromochloromethane	ND	1	5	ug/L	02/05/03 AM
Bromodichloromethane	ND	1	5	ug/L	02/05/03 AM
Bromoform	ND	1	5	ug/L	02/05/03 AM
Bromomethane	ND	1	5	ug/L	02/05/03 AM
Carbon Disulfide	ND	1	5	ug/L	02/05/03 AM
Carbon tetrachloride	ND	1	5	ug/L	02/05/03 AM
Chlorobenzene	ND	1	5	ug/L	02/05/03 AM
Chloroethane	ND	1	5	ug/L	02/05/03 AM
Chloroform	ND	1	5	ug/L	02/05/03 AM
Chloromethane	ND	1	5	ug/L	02/05/03 AM
cis-1,2-Dichloroethene	24	1	5	ug/L	02/05/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/05/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/05/03 AM
Dibromochloromethane	ND	1	5	ug/L	02/05/03 AM
Dibromomethane	ND	1	5	ug/L	02/05/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	02/05/03 AM
Ethyl benzene	ND	1	5	ug/L	02/05/03 AM
Ethyl methacrylate	ND	1	50	ug/L	02/05/03 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L	02/05/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	02/05/03 AM
Iodomethane	ND	1	5	ug/L	02/05/03 AM
Isopropyl ether (DIPE)	ND	1	1	ug/L	02/05/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/05/03 AM
Methacrylonitrile	ND	1	35	ug/L	02/05/03 AM
Methyl methacrylate	ND	1	5	ug/L	02/05/03 AM
Methyl-tert-butylether (MTBE)	130	1	1	ug/L	02/05/03 AM
Methylene chloride	ND	1	5	ug/L	02/05/03 AM
n-Butylbenzene	ND	1	5	ug/L	02/05/03 AM
n-Propylbenzene	ND	1	5	ug/L	02/05/03 AM
Naphthalene	ND	1	5	ug/L	02/05/03 AM
p-Isopropyltoluene	ND	1	5	ug/L	02/05/03 AM
Pentachloroethane	ND	1	5	ug/L	02/05/03 AM
Propionitrile	ND	1	100	ug/L	02/05/03 AM
sec-Butylbenzene	ND	1	5	ug/L	02/05/03 AM
Styrene	ND	1	5	ug/L	02/05/03 AM
Tert-amylmethylether (TAME)	ND	1	1	ug/L	02/05/03 AM
tert-Butylbenzene	ND	1	5	ug/L	02/05/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409141 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-2

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Other Compounds					
Tertiary butyl alcohol (TBA)	34	1	10	ug/L	02/05/03 AM
Tetrachloroethene	ND	1	5	ug/L	02/05/03 AM
Toluene	ND	1	5	ug/L	02/05/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/05/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/05/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/05/03 AM
Trichloroethene	ND	1	5	ug/L	02/05/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	02/05/03 AM
Vinyl acetate	ND	1	50	ug/L	02/05/03 AM
Vinyl chloride	ND	1	5	ug/L	02/05/03 AM
Xylenes, total	ND	1	5	ug/L	02/05/03 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	108			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	122			%	70 - 130
Toluene-d8 (sur)	100			%	70 - 130
8015M - Total Petroleum Hydrocarbons					
Gasoline	581	1	100	ug/L	02/05/03 LZ
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	144			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409140
Matrix: WATER
Date Sampled: 01/27/2003
Time Sampled:
Sampled By:

Client: Advanced Environmental Concepts Inc.
Client Sample ID: MW-3

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/05/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	02/05/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/05/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	02/05/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/05/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	02/05/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	02/05/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	02/05/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/05/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	02/05/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/05/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	02/05/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/05/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	02/05/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	02/05/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	02/05/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	02/05/03	AM
1,3,5-Trimethylbenzene	5.0	1	5	ug/L	02/05/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	02/05/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	02/05/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	02/05/03	AM
1,4-Dioxane	ND	1	57	ug/L	02/05/03	AM
1-Chlorohexane	ND	1	5	ug/L	02/05/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	02/05/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	02/05/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/05/03	AM
2-Chlorotoluene	ND	1	5	ug/L	02/05/03	AM
2-Hexanone	ND	1	20	ug/L	02/05/03	AM
4-Chlorotoluene	ND	1	5	ug/L	02/05/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/05/03	AM
Acetone	ND	1	100	ug/L	02/05/03	AM
Acetonitrile	ND	1	50	ug/L	02/05/03	AM
Acrolein	ND	1	200	ug/L	02/05/03	AM
Acrylonitrile	ND	1	10	ug/L	02/05/03	AM
Allyl chloride	ND	1	5	ug/L	02/05/03	AM
Benzene	47	1	1	ug/L	02/05/03	AM
Benzyl chloride	ND	1	5	ug/L	02/05/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409140 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-3

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Bromobenzene	ND	1	5	ug/L	02/05/03 AM
Bromochloromethane	ND	1	5	ug/L	02/05/03 AM
Bromodichloromethane	ND	1	5	ug/L	02/05/03 AM
Bromoform	ND	1	5	ug/L	02/05/03 AM
Bromomethane	ND	1	5	ug/L	02/05/03 AM
Carbon Disulfide	ND	1	5	ug/L	02/05/03 AM
Carbon tetrachloride	ND	1	5	ug/L	02/05/03 AM
Chlorobenzene	ND	1	5	ug/L	02/05/03 AM
Chloroethane	ND	1	5	ug/L	02/05/03 AM
Chloroform	ND	1	5	ug/L	02/05/03 AM
Chloromethane	ND	1	5	ug/L	02/05/03 AM
cis-1,2-Dichloroethene	21	1	5	ug/L	02/05/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/05/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/05/03 AM
Dibromochloromethane	ND	1	5	ug/L	02/05/03 AM
Dibromomethane	ND	1	5	ug/L	02/05/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	02/05/03 AM
Ethyl benzene	7.6	1	5	ug/L	02/05/03 AM
Ethyl methacrylate	ND	1	50	ug/L	02/05/03 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L	02/05/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	02/05/03 AM
Iodomethane	ND	1	5	ug/L	02/05/03 AM
Isopropyl ether (DIPE)	2.0	1	1	ug/L	02/05/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/05/03 AM
Methacrylonitrile	ND	1	35	ug/L	02/05/03 AM
Methyl methacrylate	ND	1	5	ug/L	02/05/03 AM
Methyl-tert-butylether (MTBE)	105	1	1	ug/L	02/05/03 AM
Methylene chloride	ND	1	5	ug/L	02/05/03 AM
n-Butylbenzene	ND	1	5	ug/L	02/05/03 AM
n-Propylbenzene	5.4	1	5	ug/L	02/05/03 AM
Naphthalene	ND	1	5	ug/L	02/05/03 AM
p-Isopropyltoluene	14	1	5	ug/L	02/05/03 AM
Pentachloroethane	ND	1	5	ug/L	02/05/03 AM
Propionitrile	ND	1	100	ug/L	02/05/03 AM
sec-Butylbenzene	7.2	1	5	ug/L	02/05/03 AM
Styrene	ND	1	5	ug/L	02/05/03 AM
Tert-amylmethylether (TAME)	ND	1	1	ug/L	02/05/03 AM
tert-Butylbenzene	ND	1	5	ug/L	02/05/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409140
Matrix: WATER
Date Sampled: 01/27/2003
Time Sampled:
Sampled By:

Client: Advanced Environmental Concepts Inc.
Client Sample ID: MW-3

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Other Compounds					
Tertiary butyl alcohol (TBA)	76	1	10	ug/L	02/05/03 AM
Tetrachloroethene	ND	1	5	ug/L	02/05/03 AM
Toluene	ND	1	5	ug/L	02/05/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/05/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/05/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/05/03 AM
Trichloroethene	ND	1	5	ug/L	02/05/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	02/05/03 AM
Vinyl acetate	ND	1	50	ug/L	02/05/03 AM
Vinyl chloride	ND	1	5	ug/L	02/05/03 AM
Xylenes, total	6.3	1	5	ug/L	02/05/03 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	103			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	117			%	70 - 130
Toluene-d8 (sur)	96			%	70 - 130
8015M - Total Petroleum Hydrocarbons					
Gasoline	2980	1	100	ug/L	02/05/03 LZ
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	327*			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409138
Matrix: WATER
Date Sampled: 01/27/2003
Time Sampled:
Sampled By:

Client: Advanced Environmental Concepts Inc.
Client Sample ID: MW-4

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B BTEX + MTBE					
Benzene	ND	1	0.3	ug/L	02/05/03 LZ
Ethyl benzene	ND	1	0.3	ug/L	02/05/03 LZ
Methyl t - butyl ether	14	1	5	ug/L	02/05/03 LZ
Toluene	ND	1	0.3	ug/L	02/05/03 LZ
Xylene (total)	ND	1	0.6	ug/L	02/05/03 LZ
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	100	ug/L	02/05/03 LZ
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	97			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409144 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-5

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,1,1,2-Tetrachloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1,1-Trichloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1,2,2-Tetrachloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1,2-Trichloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1,2-Trichlorotrifluoroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1-Dichloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,1-Dichloroethene	ND	10	50.0	ug/L	02/05/03	AM
1,1-Dichloropropene	ND	10	50.0	ug/L	02/05/03	AM
1,2,3-Trichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,2,3-Trichloropropane	ND	10	50.0	ug/L	02/05/03	AM
1,2,4-Trichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,2,4-Trimethylbenzene	512	10	50.0	ug/L	02/05/03	AM
1,2-Dibromo-3-chloropropane	ND	10	50.0	ug/L	02/05/03	AM
1,2-Dibromoethane	ND	10	50.0	ug/L	02/05/03	AM
1,2-Dichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,2-Dichloroethane	ND	10	50.0	ug/L	02/05/03	AM
1,2-Dichloropropane	ND	10	50.0	ug/L	02/05/03	AM
1,3,5-Trimethylbenzene	122	10	50.0	ug/L	02/05/03	AM
1,3-Dichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,3-Dichloropropane	ND	10	50.0	ug/L	02/05/03	AM
1,4-Dichlorobenzene	ND	10	50.0	ug/L	02/05/03	AM
1,4-Dioxane	ND	10	570.0	ug/L	02/05/03	AM
1-Chlorohexane	ND	10	50.0	ug/L	02/05/03	AM
2,2-Dichloropropane	ND	10	50.0	ug/L	02/05/03	AM
2-Butanone (MEK)	ND	10	1000.0	ug/L	02/05/03	AM
2-Chloroethyl vinyl ether	ND	10	50.0	ug/L	02/05/03	AM
2-Chlorotoluene	ND	10	50.0	ug/L	02/05/03	AM
2-Hexanone	ND	10	200.0	ug/L	02/05/03	AM
4-Chlorotoluene	ND	10	50.0	ug/L	02/05/03	AM
4-Methyl -2- Pentanone	ND	10	100.0	ug/L	02/05/03	AM
Acetone	ND	10	1000.0	ug/L	02/05/03	AM
Acetonitrile	ND	10	500.0	ug/L	02/05/03	AM
Acrolein	ND	10	2000.0	ug/L	02/05/03	AM
Acrylonitrile	ND	10	100.0	ug/L	02/05/03	AM
Allyl chloride	ND	10	50.0	ug/L	02/05/03	AM
Benzene	615	10	10.0	ug/L	02/05/03	AM
Benzyl chloride	ND	10	50.0	ug/L	02/05/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409144 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-5

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Bromobenzene	ND	10	50.0	ug/L	02/05/03 AM
Bromochloromethane	ND	10	50.0	ug/L	02/05/03 AM
Bromodichloromethane	ND	10	50.0	ug/L	02/05/03 AM
Bromoform	ND	10	50.0	ug/L	02/05/03 AM
Bromomethane	ND	10	50.0	ug/L	02/05/03 AM
Carbon Disulfide	ND	10	50.0	ug/L	02/05/03 AM
Carbon tetrachloride	ND	10	50.0	ug/L	02/05/03 AM
Chlorobenzene	ND	10	50.0	ug/L	02/05/03 AM
Chloroethane	ND	10	50.0	ug/L	02/05/03 AM
Chloroform	ND	10	50.0	ug/L	02/05/03 AM
Chloromethane	ND	10	50.0	ug/L	02/05/03 AM
cis-1,2-Dichloroethene	ND	10	50.0	ug/L	02/05/03 AM
cis-1,3-Dichloropropene	ND	10	50.0	ug/L	02/05/03 AM
cis-1,4-Dichloro-2-butene	ND	10	200.0	ug/L	02/05/03 AM
Dibromochloromethane	ND	10	50.0	ug/L	02/05/03 AM
Dibromomethane	ND	10	50.0	ug/L	02/05/03 AM
Dichlorodifluoromethane	ND	10	50.0	ug/L	02/05/03 AM
Ethyl benzene	174	10	50.0	ug/L	02/05/03 AM
Ethyl methacrylate	ND	10	500.0	ug/L	02/05/03 AM
Ethyl-tertbutylether (ETBE)	ND	10	10.0	ug/L	02/05/03 AM
Hexachlorobutadiene	ND	10	50.0	ug/L	02/05/03 AM
Iodomethane	ND	10	50.0	ug/L	02/05/03 AM
Isopropyl ether (DIPE)	ND	10	10.0	ug/L	02/05/03 AM
Isopropylbenzene (Cumene)	ND	10	50.0	ug/L	02/05/03 AM
Methacrylonitrile	ND	10	350.0	ug/L	02/05/03 AM
Methyl methacrylate	ND	10	50.0	ug/L	02/05/03 AM
Methyl-tert-butylether (MTBE)	ND	10	10.0	ug/L	02/05/03 AM
Methylene chloride	ND	10	50.0	ug/L	02/05/03 AM
n-Butylbenzene	ND	10	50.0	ug/L	02/05/03 AM
n-Propylbenzene	ND	10	50.0	ug/L	02/05/03 AM
Naphthalene	120	10	50.0	ug/L	02/05/03 AM
p-Isopropyltoluene	ND	10	50.0	ug/L	02/05/03 AM
Pentachloroethane	ND	10	50.0	ug/L	02/05/03 AM
Propionitrile	ND	10	1000.0	ug/L	02/05/03 AM
sec-Butylbenzene	ND	10	50.0	ug/L	02/05/03 AM
Styrene	ND	10	50.0	ug/L	02/05/03 AM
Tert-amylmethylether (TAME)	ND	10	10.0	ug/L	02/05/03 AM
tert-Butylbenzene	ND	10	50.0	ug/L	02/05/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409144 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-5

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Other Compounds						
Tertiary butyl alcohol (TBA)	ND	10	100.0	ug/L	02/05/03	AM
Tetrachloroethene	ND	10	50.0	ug/L	02/05/03	AM
Toluene	156	10	50.0	ug/L	02/05/03	AM
trans-1,2-Dichloroethene	ND	10	50.0	ug/L	02/05/03	AM
trans-1,3-Dichloropropene	ND	10	50.0	ug/L	02/05/03	AM
trans-1,4-Dichloro-2-butene	ND	10	200.0	ug/L	02/05/03	AM
Trichloroethene	ND	10	50.0	ug/L	02/05/03	AM
Trichlorofluoromethane	ND	10	50.0	ug/L	02/05/03	AM
Vinyl acetate	ND	10	500.0	ug/L	02/05/03	AM
Vinyl chloride	ND	10	50.0	ug/L	02/05/03	AM
Xylenes, total	1010	10	50.0	ug/L	02/05/03	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	106			%	70 - 130	
Dibromofluoromethane (sur)	109			%	70 - 130	
p-Bromofluorobenzene (sur)	105			%	70 - 130	
Toluene-d8 (sur)	100			%	70 - 130	
8015M - Total Petroleum Hydrocarbons						
Gasoline	8270	10	1000.0	ug/L	02/05/03	LZ
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	151			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409142 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-6

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/06/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	02/06/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/06/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	02/06/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/06/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	02/06/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	02/06/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	02/06/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/06/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	02/06/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/06/03	AM
1,2,4-Trimethylbenzene	13	1	5	ug/L	02/06/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/06/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	02/06/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	02/06/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	02/06/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	02/06/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	02/06/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	02/06/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	02/06/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	02/06/03	AM
1,4-Dioxane	ND	1	57	ug/L	02/06/03	AM
1-Chlorohexane	ND	1	5	ug/L	02/06/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	02/06/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	02/06/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/06/03	AM
2-Chlorotoluene	ND	1	5	ug/L	02/06/03	AM
2-Hexanone	ND	1	20	ug/L	02/06/03	AM
4-Chlorotoluene	ND	1	5	ug/L	02/06/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/06/03	AM
Acetone	ND	1	100	ug/L	02/06/03	AM
Acetonitrile	ND	1	50	ug/L	02/06/03	AM
Acrolein	ND	1	200	ug/L	02/06/03	AM
Acrylonitrile	ND	1	10	ug/L	02/06/03	AM
Allyl chloride	ND	1	5	ug/L	02/06/03	AM
Benzene	6.8	1	1	ug/L	02/06/03	AM
Benzyl chloride	ND	1	5	ug/L	02/06/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409142 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** MW-6

Date Sampled: 01/27/2003

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Bromobenzene	ND	1	5	ug/L	02/06/03 AM
Bromochloromethane	ND	1	5	ug/L	02/06/03 AM
Bromodichloromethane	ND	1	5	ug/L	02/06/03 AM
Bromoform	ND	1	5	ug/L	02/06/03 AM
Bromomethane	ND	1	5	ug/L	02/06/03 AM
Carbon Disulfide	ND	1	5	ug/L	02/06/03 AM
Carbon tetrachloride	ND	1	5	ug/L	02/06/03 AM
Chlorobenzene	ND	1	5	ug/L	02/06/03 AM
Chloroethane	ND	1	5	ug/L	02/06/03 AM
Chloroform	ND	1	5	ug/L	02/06/03 AM
Chloromethane	ND	1	5	ug/L	02/06/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	02/06/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/06/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/06/03 AM
Dibromochloromethane	ND	1	5	ug/L	02/06/03 AM
Dibromomethane	ND	1	5	ug/L	02/06/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	02/06/03 AM
Ethyl benzene	ND	1	5	ug/L	02/06/03 AM
Ethyl methacrylate	ND	1	50	ug/L	02/06/03 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L	02/06/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	02/06/03 AM
Iodomethane	ND	1	5	ug/L	02/06/03 AM
Isopropyl ether (DIPE)	ND	1	1	ug/L	02/06/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/06/03 AM
Methacrylonitrile	ND	1	35	ug/L	02/06/03 AM
Methyl methacrylate	ND	1	5	ug/L	02/06/03 AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	02/06/03 AM
Methylene chloride	ND	1	5	ug/L	02/06/03 AM
n-Butylbenzene	ND	1	5	ug/L	02/06/03 AM
n-Propylbenzene	ND	1	5	ug/L	02/06/03 AM
Naphthalene	ND	1	5	ug/L	02/06/03 AM
p-Isopropyltoluene	ND	1	5	ug/L	02/06/03 AM
Pentachloroethane	ND	1	5	ug/L	02/06/03 AM
Propionitrile	ND	1	100	ug/L	02/06/03 AM
sec-Butylbenzene	ND	1	5	ug/L	02/06/03 AM
Styrene	ND	1	5	ug/L	02/06/03 AM
Tert-amylmethylether (TAME)	ND	1	1	ug/L	02/06/03 AM
tert-Butylbenzene	ND	1	5	ug/L	02/06/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409142
Matrix: WATER
Client: Advanced Environmental Concepts Inc.
Client Sample ID: MW-6
Date Sampled: 01/27/2003
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Other Compounds					
Tertiary butyl alcohol (TBA)	46	1	10	ug/L	02/06/03 AM
Tetrachloroethene	ND	1	5	ug/L	02/06/03 AM
Toluene	ND	1	5	ug/L	02/06/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/06/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/06/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/06/03 AM
Trichloroethene	ND	1	5	ug/L	02/06/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	02/06/03 AM
Vinyl acetate	ND	1	50	ug/L	02/06/03 AM
Vinyl chloride	ND	1	5	ug/L	02/06/03 AM
Xylenes, total	11	1	5	ug/L	02/06/03 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	116			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	109			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8015M - Total Petroleum Hydrocarbons					
Gasoline	497	1	100	ug/L	02/05/03 LZ
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	142			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409139
Matrix: WATER
Date Sampled: 01/27/2003
Time Sampled:
Sampled By:

Client: Advanced Environmental Concepts Inc.
Client Sample ID: MW-8

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B BTEX + MTBE					
Benzene	ND	1	0.3	ug/L	02/05/03 LZ
Ethyl benzene	ND	1	0.3	ug/L	02/05/03 LZ
Methyl t - butyl ether	ND	1	5	ug/L	02/05/03 LZ
Toluene	ND	1	0.3	ug/L	02/05/03 LZ
Xylene (total)	ND	1	0.6	ug/L	02/05/03 LZ
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	100	ug/L	02/05/03 LZ
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	87			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409145
Matrix: WATER
Date Sampled:
Time Sampled:
Sampled By:

Client: Advanced Environmental Concepts Inc.
Client Sample ID: Laboratory Method Blank

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/05/03 AM
1,1,1-Trichloroethane	ND	1	5	ug/L	02/05/03 AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/05/03 AM
1,1,2-Trichloroethane	ND	1	5	ug/L	02/05/03 AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/05/03 AM
1,1-Dichloroethane	ND	1	5	ug/L	02/05/03 AM
1,1-Dichloroethene	ND	1	5	ug/L	02/05/03 AM
1,1-Dichloropropene	ND	1	5	ug/L	02/05/03 AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,2,3-Trichloropropane	ND	1	5	ug/L	02/05/03 AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	02/05/03 AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/05/03 AM
1,2-Dibromoethane	ND	1	5	ug/L	02/05/03 AM
1,2-Dichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,2-Dichloroethane	ND	1	5	ug/L	02/05/03 AM
1,2-Dichloropropane	ND	1	5	ug/L	02/05/03 AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	02/05/03 AM
1,3-Dichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,3-Dichloropropane	ND	1	5	ug/L	02/05/03 AM
1,4-Dichlorobenzene	ND	1	5	ug/L	02/05/03 AM
1,4-Dioxane	ND	1	57	ug/L	02/05/03 AM
1-Chlorohexane	ND	1	5	ug/L	02/05/03 AM
2,2-Dichloropropane	ND	1	5	ug/L	02/05/03 AM
2-Butanone (MEK)	ND	1	100	ug/L	02/05/03 AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/05/03 AM
2-Chlorotoluene	ND	1	5	ug/L	02/05/03 AM
2-Hexanone	ND	1	20	ug/L	02/05/03 AM
4-Chlorotoluene	ND	1	5	ug/L	02/05/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/05/03 AM
Acetone	ND	1	100	ug/L	02/05/03 AM
Acetonitrile	ND	1	50	ug/L	02/05/03 AM
Acrolein	ND	1	200	ug/L	02/05/03 AM
Acrylonitrile	ND	1	10	ug/L	02/05/03 AM
Allyl chloride	ND	1	5	ug/L	02/05/03 AM
Benzene	ND	1	1	ug/L	02/05/03 AM
Benzyl chloride	ND	1	5	ug/L	02/05/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409145
Matrix: WATER
Client: Advanced Environmental Concepts Inc.
Client Sample ID: Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Bromobenzene	ND	1	5	ug/L	02/05/03 AM
Bromochloromethane	ND	1	5	ug/L	02/05/03 AM
Bromodichloromethane	ND	1	5	ug/L	02/05/03 AM
Bromoform	ND	1	5	ug/L	02/05/03 AM
Bromomethane	ND	1	5	ug/L	02/05/03 AM
Carbon Disulfide	ND	1	5	ug/L	02/05/03 AM
Carbon tetrachloride	ND	1	5	ug/L	02/05/03 AM
Chlorobenzene	ND	1	5	ug/L	02/05/03 AM
Chloroethane	ND	1	5	ug/L	02/05/03 AM
Chloroform	ND	1	5	ug/L	02/05/03 AM
Chloromethane	ND	1	5	ug/L	02/05/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	02/05/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/05/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/05/03 AM
Dibromochloromethane	ND	1	5	ug/L	02/05/03 AM
Dibromomethane	ND	1	5	ug/L	02/05/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	02/05/03 AM
Ethyl benzene	ND	1	5	ug/L	02/05/03 AM
Ethyl methacrylate	ND	1	50	ug/L	02/05/03 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L	02/05/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	02/05/03 AM
Iodomethane	ND	1	5	ug/L	02/05/03 AM
Isopropyl ether (DIPE)	ND	1	1	ug/L	02/05/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/05/03 AM
Methacrylonitrile	ND	1	35	ug/L	02/05/03 AM
Methyl methacrylate	ND	1	5	ug/L	02/05/03 AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	02/05/03 AM
Methylene chloride	ND	1	5	ug/L	02/05/03 AM
n-Butylbenzene	ND	1	5	ug/L	02/05/03 AM
n-Propylbenzene	ND	1	5	ug/L	02/05/03 AM
Naphthalene	ND	1	5	ug/L	02/05/03 AM
p-Isopropyltoluene	ND	1	5	ug/L	02/05/03 AM
Pentachloroethane	ND	1	5	ug/L	02/05/03 AM
Propionitrile	ND	1	100	ug/L	02/05/03 AM
sec-Butylbenzene	ND	1	5	ug/L	02/05/03 AM
Styrene	ND	1	5	ug/L	02/05/03 AM
Tert-amylmethylether (TAME)	ND	1	1	ug/L	02/05/03 AM
tert-Butylbenzene	ND	1	5	ug/L	02/05/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 409145 **Client:** Advanced Environmental Concepts Inc.

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Other Compounds					
Tertiary butyl alcohol (TBA)	ND	1	10	ug/L	02/05/03 AM
Tetrachloroethene	ND	1	5	ug/L	02/05/03 AM
Toluene	ND	1	5	ug/L	02/05/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/05/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/05/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/05/03 AM
Trichloroethene	ND	1	5	ug/L	02/05/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	02/05/03 AM
Vinyl acetate	ND	1	50	ug/L	02/05/03 AM
Vinyl chloride	ND	1	5	ug/L	02/05/03 AM
Xylenes, total	ND	1	5	ug/L	02/05/03 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	110			%	70 - 130
Dibromofluoromethane (sur)	106			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	106			%	70 - 130
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	100	ug/L	02/05/03 LZ
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	85			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: 02/05/03

Analysis Date: 2/5/03-2/6/03

ID#'s in Batch: LR 105866, 105840

Reporting Units = ug/L

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	Method	LCS	ND	519	500	104	80%	120%
TPH	8015M-G	LCSD	ND	505	500	101	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-156
Method Blank	85
LCS	156
LCSD	157 *

*** Outside QC Limits**

ASSOCIATED LABORATORIES

LCS REPORT FORM

QC Sample: LCS / LCSD

Matrix: WATER

Prep. Date: 02/05/03

Analysis Date: 02/05/03

LAB ID#'s in Batch: LR 105866

REPORTING UNITS = ug/L

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

Test	Method	PREP. BLK	LCS			LCSD	
		Value	Result	TRUE	%Rec	Result	%Rec
Benzene	8021	ND	19.1	20	96	19.5	98
Toluene	8021	ND	19.1	20	96	19.4	97
Ethylbenzene	8021	ND	19.1	20	96	19.4	97
Xylenes	8021	ND	56.9	60	95	57.2	95

LCS = Lab Control Sample Result

TRUE = True Value of LCS

L.LIMIT / H.LIMIT = LCS Control Limits

L.Limit	*H.Limit*
80%	*120%*

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-156
Method Blank	85
LCS	89
LCSD	103

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Water Samples

Analysis Date: 02/05/03

Applies to: LR 105910, 105936, 105886, 105869, 105866, 105919

Reporting Units = ug/L

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	62.93	70.20	126	140	11	22	59-172
MTBE	ND	50	42.75	46.50	86	93	8	24	62-137
Benzene	ND	50	46.50	52.14	93	104	11	24	62-137
Trichloroethene	ND	50	52.93	60.29	106	121	13	21	66-142
Toluene	ND	50	51.81	57.77	104	116	11	21	59-139
Chlorobenzene	ND	50	50.08	54.93	100	110	9	21	60-133

QC Sample: LCS # 1 3:05 PM
Analysis Date: 02/05/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	62.24	124	59-172
MTBE	ND	50	43.31	87	62-137
Benzene	ND	50	50.77	102	62-137
Trichloroethene	ND	50	54.98	110	66-142
Toluene	ND	50	53.39	107	59-139
Chlorobenzene	ND	50	52.25	105	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB 1	LCS	LCSD
1,2-Dichloroethane-d4	103	110	101	101
Dibromofluoromethane	111	106	110	108
Toluene-d8	104	106	100	105
p-Bromofluorobenzene	105	108	105	103

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Water Samples

Analysis Date: 02/06/03 5:28 PM

Applies to: LR 105866

Reporting Units = ug/L

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	65.60	60.16	131	120	9	22	59-172
MTBE	ND	50	44.53	45.67	89	91	3	24	62-137
Benzene	ND	50	52.50	48.57	105	97	8	24	62-137
Trichloroethene	ND	50	58.13	54.87	116	110	6	21	66-142
Toluene	ND	50	54.75	52.15	110	104	5	21	59-139
Chlorobenzene	ND	50	51.70	52.00	103	104	1	21	60-133

QC Sample: LCS # 1 1:34 PM
Analysis Date: 02/06/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	56.81	114	59-172
MTBE	ND	50	40.46	81	62-137
Benzene	ND	50	43.26	87	62-137
Trichloroethene	ND	50	51.11	102	66-142
Toluene	ND	50	48.07	96	59-139
Chlorobenzene	ND	50	46.56	93	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB 1	LCS	LCSD
1,2-Dichloroethane-d4	104	112	101	108
Dibromofluoromethane	110	108	111	112
Toluene-d8	105	106	104	103
p-Bromofluorobenzene	101	111	102	102

CHAIN-OF-CUSTODY RECORD 105866

Client: AEC
Date: 1/27/03
Project Name: VOGUE Tyres
Client Project #:
Project Address: 240 W MacArthur Blvd, Oakland, CA
Sampler's Signature: [signature]

LAB Project #:
Page 1 of 1

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

Analysis Requested: TPH g / BTEX / MTBE; TPH g; 8260 B (Full Oxygenates)

Sample	Sample Location	Date	Time	Laboratory Sample Number	Sample Matrix: Soil(S) Sludge(SL), Aqueous(A)	TPH g / BTEX / MTBE	TPH g	8260 B (Full Oxygenates)					Number of Containers	Container / Comments
MW-7	* Broken upon receipt 2-1-03	1/27/03			A	/							2	
MW-4		11			A	/							2	
MW-8		11			A	/							2	
MW-3		11			A		/	/					2	
MW-2		1/27/03			A		/	/					2	
MW-6		11			A		/	/					2	
MW-1		11			A		/	/					2	
MW-5		1/27/03			A		/	/					2	

❶ Relinquished by: (Signature) [signature]	Date 1/31/03	❷ Received by: (Signature) Albert Vargas	Date 2-1-03 1:24	16 Total Number of Containers
Company: AEC	Time	Company:	Time	
❸ Relinquished by: (Signature)	Date	❹ Received by Laboratory: (Signature)	Date	
Company:	Time	Company:	Time	

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

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