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November 22, 2005

Mr. Jerry Wickham
Alameda County
Department of Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: **StID#3337**
Site Address: 3609 International Blvd., Oakland, California

Dear Mr. Wickham:

SOMA's "Fourth Quarter 2005 Groundwater Monitoring and Remediation System Operation Report" for the subject property has been uploaded to the State's GeoTracker database for your review.

Thank you for your time in reviewing our report. If you have any questions or comments, please call me at (925) 734-6400.

Sincerely,

Mansour Sepehr, Ph.D.,PE
Principal Hydrogeologist

REGISTERED PROFESSIONAL ENGINEER
MANSOUR SEPEHR
No. C042928
Exp. 3-31-06
CIVIL
STATE OF CALIFORNIA

Enclosure

cc: Mr. Abolghassem Razi w/report enclosure
Tony's Express Auto Service

Mr. Vince Tong w/report enclosure
Traction International

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Fourth Quarter 2005
Groundwater Monitoring and
Remediation System Operation Report
Tony's Express Auto Service

3609 International Boulevard
Oakland, California

November 22, 2005

Project 2331

Prepared for
Tony's Express Auto Service
3609 International Boulevard
Oakland, California

Prepared by
SOMA Environmental Engineering, Inc.
6620 Owens Drive, Suite A
Pleasanton, California

Certification

This report has been prepared by SOMA Environmental Engineering, Inc. on behalf of Mr. Abolghassem Razi, the property owner of 3609 International Boulevard, Oakland, California, to comply with the Alameda County Environmental Health Services' requirements for the Fourth Quarter 2005 groundwater monitoring event.

Mansour Sepehr, Ph.D., P.E.
Principal Hydrogeologist

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1.0 Introduction

This monitoring report has been prepared by SOMA Environmental Engineering, Inc. (SOMA) on behalf of Mr. Abolghassem Razi, the owner of Tony's Express Auto Service, which is located at 3609 International Boulevard,at the intersection of 36th Avenue in Oakland, California ("the Site"), as shown in Figure 1.

This report summarizes the results of the Fourth Quarter 2005 groundwater monitoring event conducted at the Site on October 13 and 14, 2005. This report includes the laboratory analytical results on the groundwater samples.

A natural attenuation study was conducted during this monitoring event. The objective of the natural attenuation study was to evaluate whether the petroleum hydrocarbons found in the groundwater were biodegrading.

The groundwater monitoring activities were performed in accordance with the general guidelines of the Regional Water Quality Control Board (RWQCB) and the Alameda County Environmental Health Services (ACEHS). A description of SOMA's groundwater monitoring procedures is included in Appendix A. Figure 2 shows the locations of the wells and risers.

This report also describes the operation of the groundwater extraction system installed by SOMA in December 1999. The vapor extraction system was installed by SOMA in July 2000. The locations of the groundwater extraction system and the vapor extraction system are displayed in Figure 2.

1.1 Background

In July 1993, Soil Tech Engineering, removed one single-walled 10,000-gallon gasoline tank and one single-walled 6,000-gallon gasoline tank along with a 550-gallon waste oil tank from the Site. Three double-walled USTs replaced these tanks. Currently, there is one 10,000-gallon double-walled gasoline tank and two 6,000-gallon double-walled gasoline tanks beneath the Site. The locations of the USTs are shown in Figure 2.

In December 1997, Western Geo-Engineers (WEGE) conducted additional investigations and groundwater monitoring events. The results of the groundwater monitoring events indicated elevated levels of petroleum hydrocarbons and MtBE in the groundwater.

In April 1999, Mr. Razi retained SOMA to conduct groundwater monitoring, risk-based corrective action (RBCA), a corrective action plan (CAP), as well as, soil and groundwater remediation at the Site. The results of the RBCA study indicated that the Site is a high-risk groundwater site; therefore, the soil and groundwater in the on and off-site areas warranted remedial actions.

The source of the petroleum hydrocarbons in the groundwater was believed to have been the former USTs, which were used to store gasoline at the Site. The

results of the CAP study indicated that the installation of a French drain combined with a vapor extraction system would be the most cost effective alternative for the Site's remediation.

In late August 1999, SOMA installed a French drain and groundwater treatment system to prevent further migration of the chemically impacted groundwater. In July 2000, SOMA installed a vapor extraction system.

In January 2002, Environmental Fabric removed the former product dispensers and installed new ones in the fuel islands.

On July 25, 2003, SOMA installed an additional on-site extraction pump in the western French drain riser. The extraction pump was installed to create a capture zone in the region around the USTs and to contain off-site migration in the southwestern corner of the Site.

On April 1, 2005, SOMA conducted a pilot test to evaluate the use of ozone sparging to actively remediate the groundwater at the Site. Based on the test, the sediment was determined to be permeable enough to allow for the operation of an ozone sparging system.

2.0 Results

The following sections provide the results of the field measurements and laboratory analyses for the October 13 and 14, 2005 groundwater monitoring event.

2.1 Field Measurements

As shown in Table 1, the depths to groundwater for the monitoring wells ranged from 11.32 feet in monitoring well MW-10 to 14.04 feet in monitoring well MW-6. The corresponding groundwater elevations ranged from 24.76 feet in well MW-12 to 27.59 feet in well MW-5. The groundwater elevations for the center, east, and west risers were 24.36 feet, 26.46 feet, and 25.82 feet, respectively.

Figure 3 displays the groundwater elevation contour map. The groundwater flows towards the French drain at an approximate gradient of 0.042 feet/feet. The lowest site-wide groundwater elevation was measured in the center French drain riser. The French drain is providing excellent hydraulic control in preventing the contaminants from migrating further off-site.

The field notes for the physical, chemical and biodegradation parameters measured during this monitoring event are included in Appendix B.

The more positive the redox potential of an electron acceptor, the more energetically favorable is the reaction utilizing that electron acceptor. The most energetically preferred electron acceptor for redox reactions is dissolved oxygen

(DO). Evaluating the distribution of electron acceptors can provide evidence of where and to what extent hydrocarbon biodegradation is occurring.

Detectable DO concentrations ranged from 0.94 mg/L in well MW-7 to 3.72 mg/L in well MW-3. ORP showed negative redox potentials in wells MW-1, MW-3, MW-5 to MW-8, and MW-12. Oxidation of petroleum hydrocarbons could have occurred in these monitoring wells. Negative redox potentials indicate that contaminants in the groundwater are conducive to anaerobic biodegradation.

Ferrous iron concentrations can be used as an indicator of anaerobic biodegradation. Ferrous iron concentrations ranged from 0.06 mg/L in well MW-2 to the equipment's maximum allowable tolerance range of 3.30 mg/L in wells MW-1 and MW-3. Ferrous iron was not detected in well MW-10. Due to heavy sedimentation in well MW-4R, an accurate reading for ferrous iron was unattainable.

Nitrate concentrations were below the equipment's minimum allowable level in all the groundwater samples. As previously stated, accurate readings were not attainable for well MW-4R. High ferrous iron concentrations in combination with non-detectable nitrate levels are indicative of anaerobic biodegradation beneath the Site.

The absence of sulfate in the groundwater samples may be indicative of an anaerobic methanogenesis process. Sulfate was below the equipment's tolerance level in the groundwater samples collected from wells MW-1, MW-3, MW-7, MW-8, MW-10, and MW-12. Detectable sulfate concentrations ranged from 3 mg/L in well MW-6 to 27 mg/L in well MW-5.

2.2 Laboratory Analysis

Table 1 presents the results of the laboratory analyses on the groundwater samples collected during this monitoring event.

Total petroleum hydrocarbons as gasoline (TPH-g) was detected throughout the Site. Detectable TPH-g concentrations ranged from 404 ug/L in well MW-5 to 43,100 ug/L in well MW-1. Figure 4 displays the contour map of TPH-g concentrations in the groundwater. As shown in Figure 4, the TPH-g concentration in the vicinity of the USTs, in well MW-1, was several orders of magnitude higher than the remaining site wells. However, TPH-g has decreased in well MW-1 since the previous quarter (Third Quarter 2005).

In well MW-4R, toluene was below the laboratory reporting limit. In well MW-5, all benzene, toluene, ethylbenzene, total xylenes (BTEX) concentrations were below the laboratory reporting limit. In well MW-12, all BTEX concentrations were below the laboratory reporting limit with the exception of a trace benzene concentration. The highest benzene, toluene, and total xylenes concentrations were detected in

well MW-1 at 1,960 ug/L, 325 ug/L, and 3,080 ug/L, respectively. The highest ethylbenzene concentration was detected in well MW-3 at 675 ug/L.

Figure 5 displays the contour map of benzene concentrations in the groundwater. As shown in Figure 5, the highest benzene concentration was detected in the vicinity of the USTs, in well MW-1. High benzene concentrations were also detected in well MW-6, which is in the vicinity of the vapor extraction system, and in well MW-3, which is near the USTs.

Methyl tertiary Butyl Ether (MtBE) was below the laboratory reporting limit in monitoring wells MW-2, MW-4R, and MW-6. Detectable MtBE concentrations ranged from 0.93 ug/L in well MW-5 to 3,000 ug/L in well MW-1. Figure 6 displays the contour map of MtBE concentrations (analyzed using EPA Method 8260B) in the groundwater. The highest MtBE concentrations were detected in wells MW-1 and MW-3, which are in the vicinity of the USTs.

The laboratory report and COC form for this monitoring event are included in Appendix C.

3.0 Groundwater Treatment System Operation

The treatment system began operating on December 9, 1999. Since that time, 3,065,260 gallons of groundwater has been treated and discharged under the existing discharge permit (as of October 17, 2005), into the East Bay Municipal Utility District's (EBMUD's) sewer system.

As of January 9, 2004, the previously installed pneumatic downhole pumps in the western and center French drain risers were removed and replaced with electrical downhole pumps. On May 4, 2005, to maintain accurate recordings of the total flow through the system, a newer totalizer meter was installed. On September 29, 2005, the existing 2,000-pound carbon vessel was replaced with a newer 2,000-pound carbon vessel. The newer vessel was refurbished with new carbon; the 55-gallon carbon drum was also replaced. The former 2,000-pound vessel had become rusted due to prolonged usage. A schematic diagram of the remediation system is displayed in Figure 7.

Table 2 presents the total volume of treated groundwater and the groundwater analytical results. Table 2 shows that all of the effluent samples have remained below the discharge limits set forth by EBMUD. The laboratory reports for the groundwater treatment system during this quarter are included in Appendix D of this report.

The treatment system has removed approximately 195.3 pounds of hydrocarbons and 85.2 pounds of MtBE, as of October 17, 2005. Figure 8 shows the approximate masses of TPH-g and MtBE removed from the impacted groundwater during the operation of the treatment system.

4.0 Soil Vapor Extraction System Operation

The soil vapor extraction (SVE) system consists of 6 vapor extraction wells, a de-moisturizing unit, a blower, and four drums of granulated active carbon (GAC) filters. The vapor extraction system began operating on July 24, 2000. The SVE system has remained in compliance with the Bay Area Air Quality Management District's (BAAQMD's) operating permit. The operating permit for the SVE system was extended by BAAQMD until August 2006.

On October 6, 2005, all four-vapor phase carbon drums were replaced with newer ones. As of October 17, 2005, approximately 776.25 pounds of petroleum hydrocarbons have been removed from the vadose zone beneath the Site. Table 3 presents the total masses of hydrocarbons removed from the Site by the SVE system, as well as the historical operational conditions.

5.0 Conclusions and Recommendations

The findings of the Fourth Quarter 2005 groundwater monitoring event can be summarized as follows:

1. The groundwater remediation system is providing excellent hydraulic control in preventing further migration of the contaminants.

2. The bio-attenuation study confirmed the occurrence of biodegradation beneath the Site. Based on this study, the affected areas appear to be in the vicinity of the USTs, around wells MW-1 and MW-3, as well as the eastern section of the Site, around well MW-6. The source area still remains in the vicinity of wells MW-1, MW-3, and MW-6.

3. In general, the GAC and SVE systems have effectively reduced contaminants beneath the Site. As of October 17, 2005, approximately 3,065,260 gallons of impacted groundwater have been treated and 195.3 pounds of hydrocarbons and 85.2 pounds of MtBE have been removed from the groundwater. As of October 17, 2005, approximately 776.25 pounds of petroleum hydrocarbons have removed from the vadose zone beneath the Site.

Based on the results of this monitoring event, SOMA recommends:

- Continual monitoring of the treatment system to maintain the removal rate of the contaminant masses in the groundwater;

- Continual site monitoring of the biodegradation parameters to determine if the injection of concentrated solutions of terminal electron receptors into the groundwater, in the vicinity of the more contaminated wells, may enhance the biodegradation process;

- Continued quarterly monitoring programs to better understand the seasonal variations in the groundwater quality conditions; and

- Based on the results from the quarterly monitoring events, the source area appears to remain in the vicinity of wells MW-1, MW-3, and MW-6. Air sparging should effectively aid in reducing the contaminant source area. SOMA is currently in the process of installing an air sparging system at the Site.

6.0 Report Limitations

This report is the summary of work done by SOMA including observations and descriptions of the Site's conditions. It includes the analytical results produced by Pacific Analytical Laboratory as well as the summaries of data produced by previous environmental consultants. The number and location of the wells were selected to provide the required information, but may not be completely representative of the entire site's conditions. All conclusions and recommendations are based on the results of the laboratory analysis. Conclusions beyond those specifically stated in this document should not be inferred from this report.

SOMA warrants that the services provided were done in accordance with the generally accepted practices in the environmental engineering and consulting field at the time of this sampling.

TABLES

Table 1
Historical Groundwater Elevation Data & Analytical Results
3609 International Boulevard, Oakland, California

Monitoring Well	Date	Top Of Casing Elevation [1] (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MtBE [2] EPA 8260B (µg/L)
MW-1	Oct-94	97.99	15.39	82.60	320,000	24,000	21,000	2,600	15,000	NA
	Dec-94	97.99	9.32	88.67	80,000	3,800	6,600	2,300	11,000	NA
	Mar-95	97.99	8.07	89.92	32,000	190	160	150	490	NA
	Jun-95	97.99	9.53	88.46	21,000	950	650	570	150	NA
	Oct-95	97.99	13.29	84.70	59,000	140	130	140	390	NA
	Jan-96	97.99	10.07	87.92	30,000	71	73	50	120	NA
	Apr-96	97.99	8.29	89.70	31,000	98	120	63	170	NA
	Dec-96	97.99	11.67	86.32	NA	NA	NA	NA	NA	NA
	Apr-97	97.99	11.14	86.85	NA	NA	NA	NA	NA	NA
	Dec-97	97.99	9.30	88.69	27,000	2,300	2,100	1,400	5,100	NA
	Sep-98	97.99	13.58	84.41	NA	NA	NA	NA	NA	NA
	Dec-98	97.99	11.10	86.89	65,000	2,500	2,400	2,300	9,500	160
	Mar-99	97.99	9.91	88.08	17,000	480	860	850	3,000	190
	Jun-99	97.99	11.10	86.89	25,000	1,110	1,460	1,330	5,265	77
	Aug-99	97.99	13.35	84.64	19,750	678	463	893	2,938	38
	Nov-99	97.99	14.45	83.54	10,000	693	15	<5	3,471	50
	Feb-00	97.99	11.20	86.79	40,000	2,280	1,380	8	6,130	47
	May-00	97.99	11.49	86.50	15,610	610	350	310	1,400	<5
	Aug-00	97.99	13.36	84.63	11,000	638	<5	<5	<5	17.1
	Nov-00	97.99	13.20	84.79	7,050	435	52	ND	689	10
	Mar-01	97.99	8.96	89.03	14,570	1,005	440	108	2,030	16
	May-01	97.99	11.50	86.49	4,900	310	81	82	388	150
	Aug-01	97.99	13.51	84.48	14,820	852	342	568	1,606	2,000
	Nov-01	97.99	14.01	83.98	41,000	2,700	5,100	1,000	4,570	74,000
	Feb-02	97.99	10.11	87.88	260,000	3,700	12,000	3,700	19,200	23,000
	May-02	97.99	10.86	87.13	53,000	4,400	5,100	1300	7,000	32,000
	Jul-02	40.11	12.80	27.31	29,000	2,400	2,500	920	4,400	13,000
	Oct-02	40.11	15.50	24.61	27,000	2,200	2,400	950	4,500	34,000

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MW-1 cont.	Jan-03	40.11	9.73	30.38	62,000	3,500	6,000	1600	9,700	48,000
	May-03	40.11	9.71	30.40	59,000	3,100	2,700	1500	7,000	14,000
	Jul-03	40.11	12.44	27.67	36,000	4,800	1,800	1300	5,600	25,000
	Oct-03	40.11	13.89	26.22	630,000 H	3,300	1900 C	3600	27,700	15,000
	Jan-04	40.11	10.45	29.66	39,000	3,100	1,600	950	4,300	8,500
	Apr-04	40.11	11.49	28.62	41,000	1,200	350C	830	2,740	4,300
	Aug-04	40.11	13.81	26.30	22,000	2,000	220	560	3,090	6,900
	Dec-04	40.11	11.10	29.01	22,790	1,634	319	895	2,851	5,504
	Mar-05	40.11	8.40	31.71	44,400	3,150	811	1,090	2,856	7,180
	May-05	40.11	9.72	30.39	33,900	3,440	1,700	1,090	2,276	3,210
	Jul-05	40.11	11.31	28.80	50,100	4,350	1,760	1,500	2,853	3,980
	Oct-05	**40.11**	**13.51**	**26.60**	**43,100**	**1,960**	**325**	**639**	**3,080**	**3,000**
MW-2	Oct-94	98.58	15.36	83.22	NA	NA	NA	NA	NA	NA
	Dec-94	98.58	8.60	89.98	NA	NA	NA	NA	NA	NA
	Mar-95	98.58	7.68	90.90	490	3	3	3	1	NA
	Jun-95	98.58	9.59	88.99	8,000	220	330	350	660	NA
	Oct-95	98.58	13.42	85.16	46,000	160	130	93	240	NA
	Jan-96	98.58	9.93	88.65	46,000	160	130	93	240	NA
	Apr-96	98.58	8.13	90.45	27,000	0.1	92	44	13	NA
	Dec-96	98.58	11.67	86.91	6,200	11	7	2	14	ND
	Apr-97	98.58	11.40	87.18	53,000	150	110	37	0.12	ND
	Dec-97	98.58	9.04	89.54	35,000	4,900	4,900	1,600	7,000	NA
	Jun-98	98.58	NM	NM	25,000	2,000	2,000	1,300	4,300	NA
	Sep-98	98.58	13.58	85.00	29,000	290	180	160	360	<0.5
	Dec-98	98.58	10.94	87.64	26,000	1,400	1,600	880	9,500	<5
	Mar-99	98.58	7.60	90.98	7,600	730	830	610	1,900	55
	Jun-99	98.58	11.24	87.34	3,500	290	428	211	744	ND
	Aug-99	98.58	13.50	85.08	60	6	9	4	11	ND
	Nov-99	98.58	14.10	84.48	<50	<5	<5	<5	<5	<5
	Feb-00	98.58	9.85	88.73	6,400	372	639	46	134	8
	May-00	98.58	10.88	87.70	2,930	130	330	130	570	<5
	Aug-00	98.58	13.03	85.55	<50	<5	<5	<5	<5	<5
	Nov-00	98.58	12.60	85.98	ND	ND	ND	ND	ND	ND
	Mar-01	98.58	8.55	90.03	932	18	34	1.3	225	ND
	May-01	98.58	11.00	87.58	870	37	75	55	179	2.7
	Aug-01	98.58	13.53	85.05	125	4	4	3	11	ND
	Nov-01	98.58	13.43	85.15	470	13	64	22	83	14

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MW-2 cont.	Feb-02	98.58	8.99	89.59	1,700	26	180	95	360	<2
	May-02	98.58	10.59	87.99	1,800	31	140	110	348	<2
	Jul-02	40.71	12.70	28.01	180	11	6.3	9.4	27	<2.0
	Oct-02	40.71	14.23	26.48	<50	<0.5	<0.5	<0.5	0.64	<2.0
	Jan-03	40.71	8.66	32.05	510	5	30.0	24.0	92	<2.0
	May-03	40.71	9.17	31.54	1,300	14	88.0	78.0	271	<2.0
	Jul-03	40.71	12.23	28.48	220	3.9	4.3	7	14.5	<2.0
	Oct-03	40.71	13.65	27.06	170 H	1.9	<0.5	2.2	2.2	<2.0
	Jan-04	40.71	9.54	31.17	860	7.2	37	50	151	<2.0
	Apr-04	40.71	10.80	29.91	730	6.6	19	38	87	<2.0
	Aug-04	40.71	13.54	27.17	220	2.2	1.9	7	11.7	<0.5
	Dec-04	40.71	10.52	30.19	99	1.7	3.3	8.3	25.1	<0.5
	Mar-05	40.71	8.06	32.65	5,690	18.7	120	315	876	<1.0
	May-05	40.71	9.10	31.61	6,320	12.5	75	429	557	<2.15
	Jul-05	40.71	11.10	29.61	7,680	14.1	46.3	522	471	<2.15
	Oct-05	**40.71**	**13.25**	**27.46**	**562**	**4.25**	**3.28**	**15**	**8.29**	**<0.50**
MW-3	Oct-94	97.78	15.79	81.99	3,000,000	190,000	740,000	310,000	130,000	NA
	Dec-94	97.78	9.79	87.99	250,000	19,000	22,000	4,400	28,000	NA
	Mar-95	97.78	8.69	89.09	350,000	20,000	42,000	5,800	36,000	NA
	Jun-95	97.78	10.25	87.53	350,000	20,000	42,000	5,800	36,000	NA
	Oct-95	97.78	12.91	84.87	150,000	510	410	210	65	NA
	Jan-96	97.78	10.55	87.23	150,000	510	410	210	650	NA
	Apr-96	97.78	8.76	89.02	NA	NA	NA	NA	NA	NA
	Dec-96	97.78	12.02	85.76	NA	NA	NA	NA	NA	NA
	Apr-97	97.78	11.73	86.05	NA	NA	NA	NA	NA	NA
	Dec-97	97.78	NM	NM	NA	NA	NA	NA	NA	NA
	Sep-98	97.78	14.68	83.10	NA	NA	NA	NA	NA	NA
	Dec-98	97.78	11.55	86.23	51,000	5,700	3,900	1,200	6,300	410
	Mar-99	97.78	8.44	89.34	45,000	4,100	6,400	1,000	6,100	470
	Jun-99	97.78	11.8	85.98	46,000	8,245	6,425	1,015	7,173	274
	Aug-99	97.78	13.85	83.93	64,000	7,484	8,052	1,744	9,749	141
	Nov-99	97.78	14.7	83.08	26,000	3,218	1,319	<5	6,697	126
	Feb-00	97.78	10.95	86.83	44,000	6,090	3,360	<5	5,780	276
	May-00	97.78	11.68	86.10	68,000	15,000	8,900	1,500	7,400	<5
	Aug-00	97.78	13.73	84.05	76,000	8,900	5,636	883	7,356	176
	Nov-00	97.78	13.4	84.38	48,000	6,789	4,816	676	7,258	83

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MW-3 cont.	Mar-01	97.78	9.43	88.35	14,754	2,250	140	ND	1,284	110
	May-01	97.78	11.81	85.97	44,000	5,400	3,100	1,400	6,400	200
	Aug-01	97.78	14.1	83.68	41,750	3,485	2,670	1,255	5,420	52
	Nov-01	97.78	14.32	83.46	NA	NA	NA	NA	NA	NA
	Feb-02	97.78	10.01	87.77	62,000	6,000	7,600	1,900	9,200	12,000
	May-02	97.78	11.28	86.50	54,000	6,700	3,200	1,800	7,100	9,100
	Jul-02	40.91	13.25	27.66	45,000	8,900	1,700	1,600	5,600	2,600
	Oct-02	40.91	14.98	25.93	70,000	4,900	5,100	2,100	11,900	21,000
	Jan-03	40.91	9.79	31.12	35,000	2,900	1,300	860	5,200	13,000
	May-03	40.91	10.01	30.90	48,000	5,800	1,400	1,600	7,400	5,900
	Jul-03	40.91	12.94	27.97	31,000	4,700	990	1,400	5,200	16,000
	Oct-03	40.91	14.29	26.62	30,000	4,400	930	1,600	5,400	7,400
	Jan-04	40.91	10.57	30.34	45,000	2,100	850	1,500	5,700	2,900
	Apr-04	40.91	11.84	29.07	31,000	4,200	590	1,600	4,370	900
	Aug-04	40.91	14.24	26.67	21,000	3,400	370	1,000	2,350	1,100
	Dec-04	40.91	11.32	29.59	6,441	978	109	490	941	201
	Mar-05	40.91	8.87	32.04	22,300	1,280	456	729	1,870	2,400
	May-05	40.91	9.96	30.95	17,600	764	302	735	1,227	1,800
	Jul-05	40.91	11.50	29.41	34,600	1,390	492	1,460	2,054	1,090
	Oct-05	**40.91**	**13.78**	**27.13**	**15,000**	**1,290**	**267**	**675**	**838**	**893**
MW-4	Jan-96	97.85	10.11	87.74	9,300	230	110	10	29	NA
	Apr-96	97.85	8.35	89.50	1,900	12	8	5	14	NA
	Dec-96	97.85	11.58	86.27	4,000	14	6	4	12	ND
	Apr-97	97.85	11.23	86.62	ND	ND	ND	ND	ND	ND
	Dec-97	97.85	9.43	88.42	2,300	410	270	100	1,500	NA
	Jun-98	97.85	NM	NM	1,700	780	160	54	200	NA
	Sep-98	97.85	13.64	84.21	6,200	910	77	68	200	18
	Dec-98	97.85	11.13	86.72	1,400	590	33	28	94	24
	Mar-99	97.85	8.46	89.39	600	200	35	19	56	11
	Jun-99	97.85	11.30	86.55	1,000	298	44	19	64	13
	Aug-99	97.85	13.20	84.65	660	497	41	54	145	6
	Nov-99	97.85	14.10	83.75	<50	<5	<5	<5	<5	<5
	Feb-00	97.85	11.25	86.60	7,800	1,200	61	<5	781	<5
	May-00	97.85	11.46	86.39	552	42	19	16	67	<5
	Aug-00	97.85	13.35	84.50	370	5.08	<5	<5	<5	<5
	Nov-00	97.85	13.05	84.80	ND	5.30	ND	ND	8	ND

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3609 International Boulevard, Oakland, California

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MW-4 cont.	Mar-01	97.85	9.24	88.61	62	ND	ND	3.2	8.7	ND
	May-01	97.85	11.50	86.35	80	12	1.9	4.1	9.8	ND
	Aug-01	97.85	13.80	84.05	133	12	2.2	3.9	9	ND
	Nov-01	97.85	13.68	84.17	670	180	5	17	53	ND
	Feb-02	97.85	9.97	87.88	450	63	4.1	22	28.7	<2
	May-02	97.85	10.81	87.04	570	72	29	27	74	<2
	Jul-02	40.01	12.62	27.39	450	20	24	19	74	<2.0
	Oct-02	40.01	14.34	25.67	320	69	0.99	9	5.49	<2.0
	Jan-03	40.01	9.79	30.22	310	49	2.5	13	26.7	<2.0
	May-03	40.01	9.78	30.23	120	27	1.8	9	14.6	<2.0
	Oct-03	40.01	13.72	26.29	70	12	<0.5	4.7	3.0	<2.0
	Jan-04	40.01	10.55	29.46	230	18	2.1	8.1	17.1	<2.0
	Apr-04	40.01	11.39	28.62	<50	3.8	<0.5	1.6	1.9	<2.0
	Aug-04	40.01	13.68	26.33	<50	1.6	<0.5	0.66	0.53	<2.0
	Dec-04	40.01	10.95	29.06	<50	1.3	<0.5	2.80	<1.0	<0.5
	Mar-05	40.01	8.61	31.40	661	72	4.13	39.7	48.42	<0.5
MW-4R	May-05	40.34	9.88	30.46	7,780	170	11.1	192	121.2	<0.5
	Jul-05	40.34	11.61	28.73	847	25.3	<2.0	28.2	10.9	<0.5
	Oct-05	**40.34**	**13.73**	**26.61**	**785**	**35.5**	**<2.0**	**48.2**	**8.35**	**<0.50**
MW-5	Oct-95	99.04	13.57	85.47	1,500	1	1	4	5	NA
	Jan-96	99.04	10.03	89.01	1,500	1	1	4	5	NA
	Apr-96	99.04	8.24	90.80	780	1	1	5	4	NA
	Dec-96	99.04	11.48	87.56	NA	NA	NA	NA	NA	NA
	Apr-97	99.04	11.35	87.69	NA	NA	NA	NA	NA	NA
	Dec-97	99.04	9.15	89.89	790	82	66	59	160	NA
	Jun-98	99.04	NM	NM	400	<5	<5	15	<10	NA
	Sep-98	99.04	13.82	85.22	270	2	1	3	3	<.5
	Dec-98	99.04	11.20	87.84	1,400	1	1	ND	2	ND
	Mar-99	99.04	7.73	91.31	650	3	1	16	2	10
	Jun-99	99.04	11.50	87.54	270	4	3	6	4	ND
	Aug-99	99.04	13.55	85.49	120	ND	4	ND	4	ND
	Nov-99	99.04	14.30	84.74	<50	<5	<5	<5	<5	<5
	Feb-00	99.04	9.85	89.19	70	<5	<5	<5	7	<5
	May-00	99.04	11.03	88.01	627.4	7.4	24	12	32.4	<5
	Aug-00	99.04	13.22	85.82	<50	<5	<5	<5	<5	<5
	Nov-00	99.04	13.55	85.49	ND	ND	ND	ND	ND	ND

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MW-5 cont.	Mar-01	99.04	8.67	90.37	382	6.1	1.9	6.6	5.9	ND
	May-01	99.04	11.12	87.92	180	ND	ND	2.1	0.57	4.4
	Aug-01	99.04	13.79	85.25	258	1	1.1	3.4	7.3	1.4
	Nov-01	99.04	13.72	85.32	920	17	160	26	135	40
	Feb-02	99.04	9.04	90.00	290	3.5	2	6.2	6.2	<0.5
	May-02	99.04	10.69	88.35	160	<0.5	0.78 C	2	2.15	2.3
	Jul-02	41.16	12.94	28.22	110	<0.5	<0.5	0.77	<0.5	<0.5
	Oct-02	41.16	14.51	26.65	77	<0.5	<0.5	<0.5	<0.5	<2.0
	Jan-03	41.16	8.73	32.43	450 Y	<0.5	<0.5	4	0.54	2.1
	May-03	41.16	9.24	31.92	130	<0.5	<0.5	1	<0.5	3.1
	Jul-03	41.16	12.45	28.71	300	<0.5	1.9 C	0.76	<0.5	<2.0
	Oct-03	41.16	13.89	27.27	460 H	<0.5	<0.5	<0.5	<0.5	1.9
	Jan-04	41.16	9.60	31.56	160	<0.5	<0.5	0.55 C	<0.5	<5.0
	Apr-04	41.16	11.06	30.10	280	<0.5	0.74C	0.62	<0.5	2.1
	Aug-04	41.16	13.75	27.41	250	<0.5	<0.5	<0.5	<0.5	2
	Dec-04	41.16	10.73	30.43	150	<0.5	<0.5	<0.5	<1.0	2.6
	Mar-05	41.16	8.18	32.98	496	<0.5	<0.5	<0.5	<1.0	1.91
	May-05	41.16	9.22	31.94	360	<0.5	<0.5	<0.5	<1.0	1.72
	Jul-05	41.16	11.30	29.86	267	<0.5	<2.0	<0.5	<1.0	1.74
	Oct-05	**41.16**	**13.57**	**27.59**	**404**	**<0.50**	**<2.0**	**<0.50**	**<1.0**	**0.93**
MW-6	Oct-95	98.77	13.94	84.83	NA	NA	NA	NA	NA	NA
	Jan-96	98.77	10.55	88.22	120,000	350	310	200	610	NA
	Apr-96	98.77	8.76	90.01	NA	NA	NA	NA	NA	NA
	Dec-96	98.77	12.04	86.73	NA	NA	NA	NA	NA	NA
	Apr-97	98.77	11.76	87.01	NA	NA	NA	NA	NA	NA
	Dec-97	98.77	9.30	89.47	NA	NA	NA	NA	NA	NA
	Sep-98	98.77	14.10	84.67	NA	NA	NA	NA	NA	NA
	Dec-98	98.77	11.60	87.17	NA	NA	NA	NA	NA	NA
	Mar-99	98.77	8.40	90.37	37,000	3,900	4,300	1,600	7,000	180
	Jun-99	98.77	11.90	86.87	18,500	2,060	1,650	735	3,170	ND
	Aug-99	98.77	13.90	84.87	42,000	3,806	3,649	1,554	7,996	10
	Nov-99	98.77	14.75	84.02	40,000	1,084	130	<5	10,940	<5
	Feb-00	98.77	10.95	87.82	17,000	1,360	521	<5	4,150	6
	May-00	98.77	11.70	87.07	21,700	1,700	1,200	17	3,600	<5
	Aug-00	98.77	13.78	84.99	24,000	1,306	870	<5	5,162	<5
	Nov-00	98.77	13.40	85.37	19,000	1,387	618	ND	5,250	ND
	May-01	98.77	11.82	86.95	27,000	760	450	1,600	4,270	ND
	Aug-01	98.77	NM	NM	NA	NA	NA	NA	NA	NA
	Nov-01	98.77	NM	NM	NA	NA	NA	NA	NA	NA

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MW-6 cont.	Oct-95	98.77	14.10	84.67	120,000	350	310	200	610	NA
	Feb-02	98.77	9.92	88.85	14,000	440	180	750	1,020	<10
	May-02	98.77	11.33	87.44	10,000	400	160	470	970	<2
	Jul-02	40.92	13.28	27.64	24,000	1,000	410	1,400	3,770	<20
	Oct-02	40.92	14.93	25.99	22,000	1,200	620	1,300	2,800	<20
	Jan-03	40.92	9.78	31.14	12,000	730	230	740	1,690	<20
	May-03	40.92	9.92	31.00	150,000 H	1,400	780	2,500	8,700	<40
	Jul-03	40.92	12.98	27.94	29,000	1,600	520	1,500	4,400	<200
	Oct-03	40.92	14.35	26.57	36,000	1,300	430	1,600	4,570	<40
	Jan-04	40.92	10.60	30.32	30,000	1,300	320	1,500	3,040	<50
	Apr-04	40.92	11.80	29.12	99,000	1,700	580 C	2,200	5,200	<50
	Aug-04	40.92	14.36	26.56	12,000	580	130	520	1,020	<10
	Dec-04	40.92	11.22	29.70	12,631	649	134	1,009	2,037	<2.15
	Mar-05	40.92	8.94	31.98	18,300	546	126	705	1,069	<2.15
	May-05	40.92	10.02	30.90	38,500	1,290	395	1,550	1,652	<5.50
	Jul-05	40.92	11.78	29.14	50,100	1,510	409	1,900	1,920	<5.50
	Oct-05	**40.92**	**14.04**	**26.88**	**9,620**	**513**	**97.4**	**523**	**422.3**	**<2.15**
MW-7	Oct-95	97.83	12.95	84.88	NA	10	12	17	NA	3,300
	Jan-96	97.83	9.57	88.26	3,300	9	12	17	45	NA
	Apr-96	97.83	7.75	90.08	1,900	2	3	5	7	NA
	Dec-96	97.83	10.97	86.86	NA	NA	NA	NA	NA	NA
	Apr-97	97.83	12.95	84.88	NA	NA	NA	NA	NA	NA
	Dec-97	97.83	8.65	89.18	1,400	130	98	75	200	NA
	Jun-98	97.83	NM	NM	620	4	<5	9	<10	NA
	Sep-98	97.83	13.09	84.74	1,800	1	1	1	2	68
	Dec-98	97.83	10.52	87.31	990	5	10	5	20	160
	Mar-99	97.83	7.00	90.83	300	3	1	1	1	62
	Jun-99	97.83	10.70	87.13	320	3	7	4	3	26
	Aug-99	97.83	12.80	85.03	570	5	10	ND	ND	ND
	Nov-99	97.83	13.25	84.58	290	<5	9	<5	<5	12
	Feb-00	97.83	9.50	88.33	80	<5	<5	<5	<5	23
	May-00	97.83	10.52	87.31	494.9	4.9	22	4.2	21.9	29
	Aug-00	97.83	12.63	85.20	80	<5	<5	<5	<5	11.7
	Nov-00	97.83	11.95	85.88	50	ND	ND	ND	ND	9.1
	Mar-01	97.83	8.04	89.79	82	0.97	ND	0.76	ND	78
	May-01	97.83	10.60	87.23	370	ND	9.1	1.3	2.3	28
	Aug-01	97.83	13.02	84.81	610	3.7	3	6.2	18.9	10
	Nov-01	97.83	12.83	85.00	1,700	24	220	41	205	69

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MW-7 cont.	Feb-02	97.83	8.91	88.92	380	<0.5	2.5	2	3.8	78
	May-02	97.83	10.13	87.70	560	15	28.0	9.2	44.0	37
	Jul-02	39.94	12.15	27.79	270	5.3	1.3 C	2.3	8.1	46
	Oct-02	39.94	13.74	26.20	350	<0.5	2.1 C	<0.5	3.1 C	43
	Jan-03	39.94	8.45	31.49	220 Y	<0.5	<0.5	0.78	0.55	19
	May-03	39.94	7.69	32.25	280	<0.5	<0.5	<0.5	<0.5	11
	Jul-03	39.94	11.72	28.22	230	<0.5	1.3 C	<0.5	0.63	5.9
	Oct-03	39.94	13.10	26.84	460	<0.5	<0.5	<0.5	<0.5	5.0
	Jan-04	39.94	9.23	30.71	380	<0.5	1.4 C	<0.5	<0.5	<5.0
	Apr-04	39.94	10.40	29.54	480	<0.5	2.5 C	<0.5	0.90	0.62
	Aug-04	39.94	12.92	27.02	410	<0.5	.81 C	<0.5	<0.5	1.70
	Dec-04	39.94	10.28	29.66	96	<0.5	<0.5	<0.5	<1.0	<0.5
	Mar-05	39.94	7.44	32.50	209	<0.5	<0.5	<0.5	<1.0	1.74
	May-05	39.94	8.53	31.41	262	4.85	2.19	2.36	4.24	0.73
	Jul-05	39.94	10.61	29.33	753	20.6	11.9	16.8	33.23	2.36
	Oct-05	**39.94**	**12.80**	**27.14**	**1,690**	**5.3**	**2.71**	**12.6**	**54**	**1.93**
MW-8	Oct-95	97.25	12.86	84.39	NA	NA	NA	NA	NA	NA
	Jan-96	97.25	9.79	87.46	94,000	310	250	180	480	NA
	Apr-96	97.25	7.98	89.27	58,000	250	170	140	330	NA
	Dec-96	97.25	11.13	86.12	27,000	88	43	44	80	ND
	Apr-97	97.25	12.95	84.30	24,000	86	55	50	100	ND
	Dec-97	97.25	8.95	88.30	28,000	6,000	1,600	2,100	4,700	NA
	Jun-98	97.25	NM	NM	54,000	4,600	2,800	3,500	7,300	NA
	Sep-98	97.25	13.02	84.23	NA	NA	NA	NA	NA	NA
	Dec-98	97.25	10.75	86.50	61,000	6,300	1,700	2,200	4,400	1,300
	Mar-99	97.25	7.58	89.67	22,000	1,800	470	2,000	2,000	820
	Jun-99	97.25	10.80	86.45	39,500	3,610	1,635	2,175	5,913	988
	Aug-99	97.25	12.75	84.50	58,000	5,379	2,438	3,001	6,960	639
	Nov-99	97.25	13.65	83.60	10,500	92	<5	<5	3,414	769
	Feb-00	97.25	10.85	86.40	44,200	1,080	617	<5	4,160	240
	May-00	97.25	11.15	86.10	25,940	940	130	1,600	3,960	75
	Aug-00	97.25	12.87	84.38	22,000	632	5.38	<5	2,686	37.3
	Nov-00	97.25	12.55	84.70	3,000	278	350	209	980	21
	Mar-01	97.25	8.75	88.50	2,360	81	16	71	270	221
	May-01	97.25	11.15	86.10	3,100	110	28	140	194	410
	Aug-01	97.25	12.97	84.28	5,620	153	46	373	345	174
	Nov-01	97.25	13.19	84.06	13,000	600	270	750	1,200	400

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MW-8 cont.	Feb-02	97.25	9.88	87.37	240,000	1,400	<25	4,200	6,560	<100
	May-02	97.25	10.32	86.93	9,000	360	56	560	622	2,100
	Oct-02	39.38	13.80	25.58	18,000	950	75	1,400	1,269	700
	Jan-03	39.38	9.48	29.90	8,100	300	29	370	302	1,100
	May-03	39.38	9.48	29.90	18,000	380	33 C	1,000	516	540
	Jul-03	39.38	11.92	27.46	12,000	460	54 C	910	435	890
	Oct-03	39.38	13.09	26.29	16,000	830	87	2,000	675	280
	Jan-04	39.38	10.32	29.06	18,000	330	37 C	860	239	500
	Apr-04	39.38	11.23	28.15	12,000	240	26 C	650	128.8 C	<4
	Aug-04	39.38	13.02	26.36	6,000	310	27	660	56.8 C	<4
	Dec-04	39.38	10.79	28.59	6,650	171	15	360	35	166
	Mar-05	39.38	7.62	31.76	11,400	125	21	418	55.3	865
	May-05	39.38	9.15	30.23	10,100	122	13.2	440	34.73	406
	Jul-05	39.38	10.81	28.57	11,600	213	27.8	854	71.51	184
	Oct-05	**39.38**	**12.81**	**26.57**	**6,590**	**256**	**27.7**	**655**	**48.50**	**375**
MW-10	Dec-96	94.54	10.44	84.10	NA	NA	NA	NA	NA	NA
	Apr-97	94.54	10.07	84.47	1,000	21	9	3	3	ND
	Dec-97	94.54	8.78	85.76	10,000	5,300	76	1,100	780	NA
	Sep-98	94.54	11.93	82.61	9,900	5,400	66	970	620	2,600
	Dec-98	94.54	10.19	84.35	8,700	3,800	51	790	420	1,800
	Mar-99	94.54	7.30	87.24	4,100	15	28	420	250	2,800
	Jun-99	94.54	9.95	84.59	4,200	1,168	34	264	154	1,195
	Aug-99	94.54	11.60	82.94	3,250	2,135	97	600	248	1,800
	Nov-99	94.54	12.50	82.04	2,950	1,134	20	<5	70	652
	Feb-00	94.54	9.25	85.29	<50	<5	<5	<5	<5	448
	May-00	94.54	9.45	85.09	4,400	1,500	25	390	107.1	580
	Aug-00	94.54	11.52	83.02	6,800	1,055	26	54	53.8	1,283
	Nov-00	94.54	11.35	83.19	ND	ND	ND	ND	ND	145

Table 1
Historical Groundwater Elevation Data & Analytical Results
3609 International Boulevard, Oakland, California

Monitoring Well	Date	Top Of Casing Elevation [1] (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MtBE [2] EPA 8260B (µg/L)
MW-10 cont.	Mar-01	94.54	8.07	86.47	4,935	969	18	41	72	630
	May-01	94.54	9.80	84.74	2,900	630	11	200	31	270
	Aug-01	94.54	11.64	82.90	242	35	1	11	2	64
	Nov-01	94.54	12.06	82.48	3,500	900	260	310	258	410
	Feb-02	94.54	8.28	86.26	4,700	1,100	20	370	63.7	500
	May-02	94.54	9.49	85.05	3,400	660	13	260	48.0	270
	Jul-02	36.71	10.93	25.78	160	26	0.55	8.1	1.0	72
	Oct-02	36.71	12.54	24.17	550	130	3.00	31.0	2.7	70
	Jan-03	36.71	8.23	28.48	17,000	870	11	290	27	270
	May-03	36.71	8.30	28.41	2,500	650	10	190	15.81 C	180
	Jul-03	36.71	10.76	25.95	750	160	4	58	6.66 C	79
	Oct-03	36.71	11.91	24.80	2,000	410	11	170	9.14 C	110
	Jan-04	36.71	8.91	27.80	4,000	600	15	280	15.3 C	110
	Apr-04	36.71	9.62	27.09	5,100	580	<1	330	26.4	160
	Aug-04	36.71	11.50	25.21	3,400	550	13	240	17.0	100
	Dec-04	36.71	9.29	27.42	2,524	556	10	184	16.0	144
	Mar-05	36.71	7.48	29.23	4,340	354	6.07	166	17.1	258
	May-05	36.71	8.24	28.47	4,750	415	6.87	254	10.4	126
	Jul-05	36.71	9.78	26.93	6,050	594	9.53	297	10.7	190
	Oct-05	**36.71**	**11.32**	**25.39**	**6,230**	**811**	**11.3**	**355**	**5.6**	**167**
MW-11	Dec-96	95.94	11.99	83.95	NA	NA	NA	NA	NA	NA
	Apr-97	95.94	11.47	84.47	NA	NA	NA	NA	NA	NA
	Dec-97	95.94	10.40	85.54	710	66	97	59	190	NA
	Jun-98	95.94	NM	NM	1,100	45	24	71	100	NA
	Sep-98	95.94	13.24	82.70	170	7	1	4	9	22
	Dec-98	95.94	11.58	84.36	650	27	4	25	33	>0.5
	Mar-99	95.94	8.81	87.13	710	30	6	53	84	8
	Jun-99	95.94	11.50	84.44	4,600	1,240	35	290	159	1,291
	Aug-99	95.94	12.75	83.19	170	4	4	ND	6	ND
	Nov-99	95.94	13.85	82.09	<50	<5	<5	<5	<5	<5
	Feb-00	95.94	13.60	82.34	700	20	15	<5	35	<5
	May-00	95.94	13.80	82.14	477	27	13	9.5	29.0	<5
	Aug-00	95.94	14.87	81.07	590	10.5	5.94	<5	7.75	<5
	Nov-00	95.94	12.55	83.39	60	ND	ND	ND	ND	ND
	Mar-01	95.94	9.61	86.33	273	8.6	2.1	10	14	ND
	May-01	95.94	11.15	84.79	280	12	8.3	3.3	9.8	12
	Aug-01	95.94	13.04	82.90	NA	NA	NA	NA	NA	NA
	Nov-01	95.94	13.48	82.46	300	7.9	26	5.1	28.9	ND

Table 1
Historical Groundwater Elevation Data & Analytical Results
3609 International Boulevard, Oakland, California

Monitoring Well	Date	Top Of Casing Elevation [1] (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MtBE [2] EPA 8260B (µg/L)
MW-11 cont.	May-02	95.94	10.99	84.95	280	16	3	7.6	7.6	<2
	Jul-02	NS	13.24	NC	120	5.6	<0.5	0.61	0.53	<2.0
	Oct-02	NS	NM	NC	NA	NA	NA	NA	NA	NA
	Jan-03	NS	9.76	NC	700	32	5.7	25	14.10	<2.0
	May-03	NS	9.66	NC	280	17	1.5 C	8	4.10	<2.0
	Jul-03	NS	12.30	NC	340	19 C	3.2	0.58	0.89	<2.0
	Oct-03	NS	13.38	NC	210	5.0 C	<0.5	<0.5	<0.5	<0.5
	Jan-04	NS	NM	NC	NA	NA	NA	NA	NA	NA
	Apr-04	NS	NM	NC	NA	NA	NA	NA	NA	NA
	Aug-04	NS	NM	NC	NA	NA	NA	NA	NA	NA
	Dec-04	NS	10.54	NC	486	24	3.0	18	4.00	<0.5
	Mar-05	NS	NM	NC	NA	NA	NA	NA	NA	NA
	May-05	NS	NM	NC	NA	NA	NA	NA	NA	NA
	Jul-05	NS	NM	NC	NA	NA	NA	NA	NA	NA
	Oct-05	**NS**	**NM**	**NC**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
MW-12	Nov-99	94.84	13.20	81.64	80	<5	<5	<5	<5	229
	Feb-00	94.84	10.20	84.64	4,000	351	37	<5	24	513
	May-00	94.84	10.48	84.36	3,930	230	10	34	12	200
	Aug-00	94.84	12.07	82.77	1,730	15.4	12.4	<5	<5	185
	Nov-00	94.84	12.05	82.79	1,010	9.3	19.0	ND	7.40	215
	Mar-01	94.84	9.04	85.80	1,517	13	5.6	5.5	11	214
	May-01	94.84	10.52	84.32	31,000	1,200	ND	95	165	1,900
	Aug-01	94.84	12.24	82.60	2,090	71	1.8	3	4	142
	Nov-01	94.84	12.76	82.08	3,000	81	69	13	73	120
	Feb-02	94.84	8.78	86.06	2,500	77	<0.5	5.7	7.4	95
	May-02	94.84	10.26	84.58	2,700	74	<0.5	20	5.1	94
	Jul-02	36.84	10.93	25.91	2,200	57	<0.5	11	2.6	100
	Oct-02	36.84	13.13	23.71	2,600	71	<0.5	<0.5	10.3	84
	Jan-03	36.84	9.23	27.61	2,300	65	<0.5	1	4.00	86
	May-03	36.84	9.24	27.60	2,200	58	<0.5	4.2 C	4.1 C	96
	Jul-03	36.84	11.44	25.40	2,200	32 C	16 C	<0.5	9.20	66
	Oct-03	36.84	12.50	24.34	2200 H	31 C	<0.5	<0.5	3.5 C	49
	Jan-04	36.84	9.56	27.28	1,700	24 C	14 C	3	5.00	72
	Apr-04	36.84	10.21	26.63	2,000	11 C	<0.5	<0.5	5 C	36
	Aug-04	36.84	12.00	24.84	1,900	8.9 C	<0.5	<0.5	1.1 C	26
	Dec-04	36.84	10.03	26.81	1,018	2	<0.5	<0.5	<1.0	26
	Mar-05	36.84	8.49	28.35	1,890	4.25	<0.5	6.38	<1.0	30.6
	May-05	36.84	9.07	27.77	1,080	<0.5	<0.5	<0.5	<1.0	20.6
	Jul-05	36.84	10.43	26.41	1,580	2.71	<2.0	3.33	<1.0	29.3
	Oct-05	**36.84**	**12.08**	**24.76**	**1,560**	**0.74**	**<2.0**	**<0.50**	**<1.0**	**28.1**

Table 1
Historical Groundwater Elevation Data & Analytical Results
3609 International Boulevard, Oakland, California

Monitoring Well	Date	Top Of Casing Elevation [1] (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MtBE [2] EPA 8260B (µg/L)
FDC	Feb-00	97.10	15.40	81.70	NA	NA	NA	NA	NA	NA
	May-00	97.10	12.41	84.69	NA	NA	NA	NA	NA	NA
	Aug-00	97.10	15.70	81.40	NA	NA	NA	NA	NA	NA
	Nov-00	97.10	16.85	80.25	NA	NA	NA	NA	NA	NA
	Mar-01	97.10	9.39	87.71	NA	NA	NA	NA	NA	NA
	May-01	97.10	15.85	81.25	NA	NA	NA	NA	NA	NA
	Aug-01	97.10	13.30	83.80	NA	NA	NA	NA	NA	NA
	Nov-01	97.10	17.82	79.28	NA	NA	NA	NA	NA	NA
	Feb-02	97.10	16.74	80.36	NA	NA	NA	NA	NA	NA
	May-02	97.10	10.36	86.74	NA	NA	NA	NA	NA	NA
	Jul-02	39.35	11.93	27.42	NA	NA	NA	NA	NA	NA
	Oct-02	39.35	13.74	25.61	NA	NA	NA	NA	NA	NA
	Jan-03	39.35	15.18	24.17	NA	NA	NA	NA	NA	NA
	May-03	39.35	16.20	23.15	NA	NA	NA	NA	NA	NA
	Jul-03	39.35	16.45	22.90	NA	NA	NA	NA	NA	NA
	Oct-03	39.35	16.53	22.82	NA	NA	NA	NA	NA	NA
	Jan-04	39.35	13.74	25.61	NA	NA	NA	NA	NA	NA
	Apr-04	39.35	16.30	23.05	NA	NA	NA	NA	NA	NA
	Aug-04	39.35	16.05	23.30	NA	NA	NA	NA	NA	NA
	Dec-04	39.35	14.56	24.79	NA	NA	NA	NA	NA	NA
	Mar-05	39.35	13.55	25.80	NA	NA	NA	NA	NA	NA
	May-05	39.35	14.88	24.47	NA	NA	NA	NA	NA	NA
	Jul-05	39.35	14.32	25.03	NA	NA	NA	NA	NA	NA
	Oct-05	**39.35**	**14.99**	**24.36**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
FDE	May-00	97.90	13.22	84.68	NA	NA	NA	NA	NA	NA
	Aug-00	97.90	NM	NM	NA	NA	NA	NA	NA	NA
	Nov-00	97.90	12.75	85.15	NA	NA	NA	NA	NA	NA
	Mar-01	97.90	9.14	88.76	NA	NA	NA	NA	NA	NA
	May-01	97.90	13.05	84.85	NA	NA	NA	NA	NA	NA
	Aug-01	97.90	13.69	84.21	NA	NA	NA	NA	NA	NA
	Nov-01	97.90	13.92	83.98	NA	NA	NA	NA	NA	NA
	Feb-02	97.90	13.18	84.72	NA	NA	NA	NA	NA	NA
	May-02	97.90	11.18	86.72	NA	NA	NA	NA	NA	NA
	Jul-02	40.06	12.81	27.25	NA	NA	NA	NA	NA	NA
	Oct-02	40.06	14.53	25.53	NA	NA	NA	NA	NA	NA
	Jan-03	40.06	13.13	26.93	NA	NA	NA	NA	NA	NA
	May-03	40.06	11.79	28.27	NA	NA	NA	NA	NA	NA
	Jul-03	40.06	13.10	26.96	NA	NA	NA	NA	NA	NA
	Oct-03	40.06	13.85	26.21	NA	NA	NA	NA	NA	NA

Table 1
Historical Groundwater Elevation Data & Analytical Results
3609 International Boulevard, Oakland, California

Monitoring Well	Date	Top Of Casing Elevation [1] (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MtBE [2] EPA 8260B (µg/L)
FDE cont.	Jan-04	40.06	13.27	26.79	NA	NA	NA	NA	NA	NA
	Apr-04	40.06	13.20	26.86	NA	NA	NA	NA	NA	NA
	Aug-04	40.06	14.97	25.09	NA	NA	NA	NA	NA	NA
	Dec-04	40.06	14.25	25.81	NA	NA	NA	NA	NA	NA
	Mar-05	40.06	12.50	27.56	NA	NA	NA	NA	NA	NA
	May-05	40.06	13.93	26.13	NA	NA	NA	NA	NA	NA
	Jul-05	40.06	13.98	26.08	NA	NA	NA	NA	NA	NA
	Oct-05	**40.06**	**13.60**	**26.46**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
FDW	May-00	96.90	12.20	84.70	NA	NA	NA	NA	NA	NA
	Aug-00	96.90	NM	NM	NA	NA	NA	NA	NA	NA
	Nov-00	96.90	15.50	81.40	NA	NA	NA	NA	NA	NA
	Mar-01	96.90	10.12	86.78	NA	NA	NA	NA	NA	NA
	May-01	96.90	13.50	83.40	NA	NA	NA	NA	NA	NA
	Aug-01	96.90	13.08	83.82	NA	NA	NA	NA	NA	NA
	Nov-01	96.90	14.31	82.59	NA	NA	NA	NA	NA	NA
	Feb-02	96.90	12.78	84.12	NA	NA	NA	NA	NA	NA
	May-02	96.90	10.14	86.76	NA	NA	NA	NA	NA	NA
	Jul-02	39.16	11.79	27.37	NA	NA	NA	NA	NA	NA
	Oct-02	39.16	13.50	25.66	NA	NA	NA	NA	NA	NA
	Jan-03	39.16	12.13	27.03	NA	NA	NA	NA	NA	NA
	May-03	39.16	10.84	28.32	NA	NA	NA	NA	NA	NA
	Jul-03	39.16	12.12	27.04	NA	NA	NA	NA	NA	NA
	Oct-03	39.16	13.48	25.68	NA	NA	NA	NA	NA	NA
	Jan-04	39.16	13.58	25.58	NA	NA	NA	NA	NA	NA
	Apr-04	39.16	13.90	25.26	NA	NA	NA	NA	NA	NA
	Aug-04	39.16	15.69	23.47	NA	NA	NA	NA	NA	NA
	Dec-04	39.16	14.85	24.31	NA	NA	NA	NA	NA	NA
	Mar-05	39.16	13.10	26.06	NA	NA	NA	NA	NA	NA
	May-05	39.16	14.60	24.56	NA	NA	NA	NA	NA	NA
	Jul-05	39.16	15.10	24.06	NA	NA	NA	NA	NA	NA
	Oct-05	**39.16**	**13.34**	**25.82**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Table 1
Historical Groundwater Elevation Data & Analytical Results
3609 International Boulevard, Oakland, California

Monitoring Well	Date	Top Of Casing Elevation [1] (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MtBE [2] EPA 8260B (µg/L)

Notes:

[1] Top of casing elevations were re-surveyed to comply with the EDF requirements for electronic reporting of data to the State Water Resources Control Board Database on August 9, 2002.

[2] MtBE was analyzed using the EPA Method 8021B and confirmed using 8260B.

C Presence confirmed, but confirmation concentration differed by more than a factor of two.
H: Heavier hydrocarbons may have contributed to the quantitation.
NA: Not Analyzed
NA: Not Applicable, Well/Drain did not exist at time of sampling
NC: Not calculated. No top of casing elevation was available for MW-11.
ND, < : Not Detected above laboratory reporting limits.
NM: Not Measured
NS: Not Surveyed.
Y: Sample exhibits fuel pattern which does not resemble standard.

FDC: French drain center riser.
FDE: French drain east riser.
FDW: French drain west riser.

Well MW-4R replaced damaged well MW-4 on April 11, 2005. The first time well MW-4R was monitored was in the Second Quarter 2005
NS: Not surveyed. Well MW-11 was not surveyed due to obstructions surrounding well.

Table 2
Total Volume of Water Treated, Historical Operational Data, and Effluent and GAC-1 Analytical Results
3609 International Boulevard, Oakland, California

		Meter	Lab Results For Effluent [1] and GAC-1					
		Reading	(concentrations in ug/L)					
Month	Date	(gallons)	MtBE [2]	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
			2005					
October	**10/17/2005**	**3,065,260**	**<0.5** <0.5	**<50** <50	**<0.5** <0.5	**<2.0** <2.0	**<0.5** <0.5	**<1.0** <1.0
September	9/29/2005	3,060,640	Replaced existing 2000 lb carbon vessel with newer 2000 lb vessel, also replaced 55 gallon polishing vessel					
	9/12/2005	3,055,676	<0.5 <0.5	<50 <50	<0.5 <0.5	<2.0 <2.0	<0.5 <0.5	<1.0 <1.0
August	8/8/2005	3,042,586	<0.5 0.51	<200 <200	<0.5 <0.5	<2.0 <2.0	<0.5 <0.5	<1.0 <1.0
July	7/7/2005	3,026,010	<0.5 <0.5	<200 <200	<0.5 <0.5	<2.0 <2.0	<0.5 <0.5	<1.0 <1.0
June	6/9/2005	3,000,386	<0.5 0.61	<200 <200	<0.5 <0.5	<2.0 <2.0	<0.5 <0.5	<1.0 <1.0
May	5/9/2005	2,971,430	<0.5 <0.5	<200 <200	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<1.0 <1.0
	5/4/2005	2,964,270	Carbon Change-out of 2000 lb vessel and 55 gallon polishing vessel totalizer changed at meter reading of 2,189,270					
April	4/4/2005	2,904,500	<0.5 <0.5	<200 <200	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<1.0 <1.0
March	3/21/2005	2,874,170	<0.5 <0.5	<200 <200	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<1.0 <1.0
February	2/14/2005	2,828,000	55 Gallon Drum Changed Out					
	2/7/2005	2,819,000	<5.0 <5.0	<50 <50	<5.0 <5.0	<5.0 <5.0	<5.0 <5.0	<5.0 <5.0
January	1/19/2005	2,775,000	Carbon Change-out of 2000 lb vessel and 55 gallon polishing vessel					
	1/3/2005	2,730,480	3.6 3.8	<50 <50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5

Table 2
Total Volume of Water Treated, Historical Operational Data, and Effluent and GAC-1 Analytical Results
3609 International Boulevard, Oakland, California

		Meter	Lab Results For Effluent [1] and GAC-1					
		Reading	(concentrations in ug/L)					
Month	Date	(gallons)	MtBE [2]	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
2004								
December	12/6/2004	2,667,620	<0.5 <0.5	<50 <50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<1.0 <1.0
November	11/8/2004	2,631,600	<0.5 <0.5	<50 <50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5
October	10/13/2004	2,606,420	< 2.0 <2.0	< 50 <50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5
September	9/13/2004	2,594,390	< 2.0 < 2.0	< 50 < 50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5
August	8/25/2004	2,586,010	55 Gallon Drum Changed Out					
	8/9/2004	2,581,250	< 2.0 < 2.0	< 50 < 50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5
July	7/13/2004	2,568,830	< 2.0 < 2.0	< 50 < 50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5
	7/21/2004	2,564,710	55 Gallon Drum Changed Out					
June	6/14/2004	2,549,470	< 2.0 < 2.0	< 50 < 50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5
May	5/26/2004	2,530,000	Carbon Change-out of 2000 lb vessel and 55 gallon polishing vessel					
	5/10/2004	2,488,760	Semi Annual Treatment System Meeting With Ebmud					
	5/17/2004	2,518,910	Replaced 55-gallon polishing vessel and restarted the system					
	5/5/2004	2,500,650	Carbon Changed Out and 55 Gallon Drum Changed Out					
	5/3/2004	2,497,350	< 2.0 < 2.0	< 50 < 50	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5
April	4/15/2004	2,436,190	< 5.0 <5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
March	3/17/2004	2,376,200	Carbon Change-out of 2000 lb vessel and 55 gallon polishing vessel					
February	2/24/2004	2,276,770	< 5.0 <5.0	< 5.0 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
January	1/27/2004	2,165,220	< 5.0 <5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
	1/13/2004	2,116,720	< 5.0 <5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0

Table 2
Total Volume of Water Treated, Historical Operational Data, and Effluent and GAC-1 Analytical Results
3609 International Boulevard, Oakland, California

		Meter	Lab Results For Effluent [1] and GAC-1					
		Reading	(concentrations in ug/L)					
Month	Date	(gallons)	MtBE [2]	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
2003								
December	12/8/2003	2,092,330	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
November	11/17/2003	2,087,670	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	11/3/2003	2,079,460	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
October	10/13/2003	2,073,060	5.3	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	10/1/2003	2,072,610	Carbon Change-out of 2000 lb vessel and 55 gallon polishing vessel					
September	9/15/2003	2,056,910	<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			6	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	9/2/2003	2,040,040	<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
August	8/19/2003	2,021,040	<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			<5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
July	7/21/2003	1,995,240	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			40	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	7/9/2003	1,990,260	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			36	< 50	< 5.0	< 5.0	< 5.0	< 5.0
June	6/18/2003	1,978,560	Carbon Change-out of 2000 lb vessel and 55 gallon polishing vessel					
	6/10/2003	1,972,780	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
May	5/21/2003	1,951,830	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
	5/1/2003	1,918,270	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
April	4/11/2003	1,882,440	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0
			< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0

Table 2
Total Volume of Water Treated, Historical Operational Data, and Effluent and GAC-1 Analytical Results
3609 International Boulevard, Oakland, California

		Meter	Lab Results For Effluent [1] and GAC-1					
		Reading	(concentrations in ug/L)					
Month	Date	(gallons)	MtBE [2]	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
March	3/19/2003	1,846,490	< 5.0 < 5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
February	2/25/2003	1,804,960	replaced 55-gallon polishing vessel with new 55 gallon carbon drum					
	2/19/2003	1,791,720	< 5.0 < 5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
January	1/27/2003	1,733,500	< 5.0 < 5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
	1/2/2003	1,675,600	< 5.0 < 5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
2002								
December	12/10/2002	1,672,870	< 5.0 < 5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
November	11/22/2002	1,668,650	< 5.0 < 5.0	< 50 < 50	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0	< 5.0 < 5.0
	11/13/2002	1,664,780	replaced gasket on top of 2000 lb GAC vessel, slight leak was detected					
	11/7/2002	1,663,880	Carbon Change-out of 2000 lb vessel and 55 gallon polishing vessel					
October	10/16/02 [3]	1,661,590	< 310 < 0.5	2,000 Y Z < 50	< 310 < 0.5	< 310 < 0.5	< 310 < 0.5	< 310 < 0.5
September	9/19/2002	1,653,600	< 5 < 5	< 50 < 50	< 5 < 5	< 5 < 5	< 5 < 5	< 5 < 5
August	8/23/2002	1,641,650	1 < 0.5	< 50 < 50	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5
July	7/23/2002	1,632,834	<5.0 < 5.0	< 50 < 50	<5.0 < 5.0	<5.0 < 5.0	<5.0 < 5.0	<5.0 < 5.0

Table 2
Total Volume of Water Treated, Historical Operational Data, and Effluent and GAC-1 Analytical Results
3609 International Boulevard, Oakland, California

		Meter	Lab Results For Effluent [1] and GAC-1					
		Reading	(concentrations in ug/L)					
Month	Date	(gallons)	MtBE [2]	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
June	6/24/2002	1,610,050	1.7 < 0.5	< 50 < 50	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5
May	5/30/2002	1,571,630	< 0.5 < 0.5	< 50 < 50	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5
	5/20/2002	1,548,000	removed newly installed compressor, installed another compressor					
	5/8/2002	1,538,850	installed new compressor					
	5/1/2002	1,529,650	installed new 55 gallon GAC Vessel					
April	4/24/2002	1,528,740	< 0.5 < 0.5	< 50 < 50	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5
	4/1/2002	1,478,500	repaired valve plate assembly on compressor					
March	3/25/2002	1,478,420	performed carbon change-out on treatment system					
	3/18/2002	NR	replaced piston on compressor					
	3/14/2002	1,478,330	compressor not building up pressure					
February	2/27/2002	1,449,830	< 0.5 1.1	< 50 < 50	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5
January	1/22/2002	1,381,370	< 2.0 < 2.0	< 50 < 50	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5	< 0.5 < 0.5
2001								
December	12/12/2001	1,311,340	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
November	11/2/2001	1,272,660	ND 0.6	ND ND	ND ND	ND ND	ND ND	ND ND
September	9/28/2001	NA	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
August	8/22/2001	1,243,100	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
July	7/26/2001	1,227,270	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	7/11/2001	1,226,730	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA

Table 2
Total Volume of Water Treated, Historical Operational Data, and Effluent and GAC-1 Analytical Results
3609 International Boulevard, Oakland, California

Month	Date	Meter Reading (gallons)	Lab Results For Effluent [1] and GAC-1 (concentrations in ug/L) MtBE [2]	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
June	6/29/2001	1,224,600	NA ND	NA ND	NA ND	NA ND	NA ND	NA ND
	6/26/2001	NR	installed new compressor					
	6/16/2001	1,216,580	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
			compressor not working, repaired compressor					
	6/7/2001	1,216,580	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
May	5/30/2001	1,205,198	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	5/23/2001	1,194,390	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	5/17/2001	1,182,360	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	5/10/2001	1,166,850	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	5/5/2001	1,151,600	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
April	4/28/2001	1,135,690	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	4/21/2001	1,113,570	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	4/11/2001	1,082,700	NA ND	ND ND	ND ND	ND ND	ND ND	ND ND
	4/6/2001	1,065,540	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
March	3/29/2001	1,036,330	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
			system was re-started					
	3/21/2001	1,036,070	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
			belt replaced on compressor					
	3/17/2001	1,035,100	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	3/13/2001	1,032,500	ND NA	ND NA	ND NA	ND NA	ND NA	ND NA
	3/2/2001	996,520	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	3/1/2002	NR	system re-started after carbon change-out					
February	2/28/2002	NR	Carbon Change-out was performed on GAC-1, washed algae from holding tank cleaned 2000 lb GAC, re-started system					
	2/10/2001	975,490	System shut down for maintenance and cleaning.					
January	1/29/2001	957,880	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND

Table 2
Total Volume of Water Treated, Historical Operational Data, and Effluent and GAC-1 Analytical Results
3609 International Boulevard, Oakland, California

		Meter	Lab Results For Effluent [1] and GAC-1					
		Reading	(concentrations in ug/L)					
Month	Date	(gallons)	MtBE [2]	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
2000								
December	12/5/2000	883,000	ND	ND	ND	ND	ND	ND
			ND	ND	ND	ND	ND	ND
November	11/24/2000	NR	ND	ND	ND	ND	ND	ND
			ND	ND	ND	ND	ND	ND
	11/1/2000	842,000	ND	ND	ND	ND	ND	ND
			ND	ND	ND	ND	ND	ND
October	10/1/2000	809,000	ND	ND	ND	ND	ND	ND
			ND	ND	ND	ND	ND	ND
August	8/27/2000	781,000	ND	ND	ND	ND	ND	ND
	8/24/2000	778,000	totalizer changed at meter reading of 775,000					
July	7/26/2000	726,000	ND	ND	ND	ND	ND	ND
	7/19/2000	718,000	ND	ND	ND	ND	ND	ND
	7/13/2000	712,000	ND	ND	ND	ND	ND	ND
	7/7/2000	706,000	ND	ND	ND	ND	ND	ND
June	6/29/2000	700,000	ND	ND	ND	ND	ND	ND
	6/21/2000	682,220	ND	ND	ND	ND	ND	ND
	6/16/2000	669,720	ND	ND	ND	ND	ND	ND
	6/10/2000	651,200	ND	ND	ND	ND	ND	ND
May	5/31/2000	629,000	ND	ND	ND	ND	ND	ND
	5/23/2000	603,700	ND	ND	ND	ND	ND	ND
	5/18/2000	570,000	ND	ND	ND	ND	ND	ND
	5/10/2000	530,400	ND	ND	ND	ND	ND	ND
April	4/30/2000	488,300	ND	ND	ND	ND	ND	ND
	4/18/2000	485,300	ND	ND	ND	ND	ND	0.51
			compressor stopped, system shut down until April 29, 2000					
	4/10/2000	440,200	ND	ND	ND	ND	ND	ND
	4/4/2000	390,100	ND	ND	ND	ND	ND	ND
	4/2/2000	NR	performed a carbon change-out on GAC-1					

Table 2
Total Volume of Water Treated, Historical Operational Data, and Effluent and GAC-1 Analytical Results
3609 International Boulevard, Oakland, California

		Meter	Lab Results For Effluent [1] and GAC-1					
		Reading	(concentrations in ug/L)					
Month	Date	(gallons)	MtBE [2]	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
March	3/31/2000	NR	replaced GAC-2 with a special GAC designed for removal of MtBE					
	3/24/2000	388,000	ND	ND	ND	ND	ND	ND
	3/17/2000	357,100	ND	ND	ND	ND	ND	ND
	3/10/2000	329,000	ND	ND	ND	ND	ND	ND
	3/3/2000	300,000	transfer overheated, repaired pump, restarted system 3/6/00					
February	2/25/2000	274,000	ND	ND	ND	ND	ND	ND
	2/18/2000	233,000	ND	ND	ND	ND	ND	ND
	2/11/2000	190,000	ND	ND	ND	ND	ND	ND
	2/4/2000	160,800	ND	ND	ND	ND	ND	ND
January	1/28/2000	130,600	ND	ND	ND	ND	ND	ND
	1/21/2000	103,435	ND	ND	ND	ND	ND	ND
	1/17/2000	NR	GAC-1 was replaced with 2,000 lb GAC unit second polishing GAC was replaced with 55 gallon GAC unit					
	1/14/2000	83,500	185	ND	ND	ND	ND	ND
1999								
December	12/23/1999	51,680	1486	NA	ND	ND	ND	ND
			ND	NA	ND	ND	ND	ND
	12/16/1999	30,450	963	NA	ND	ND	ND	ND
			ND	NA	ND	ND	ND	ND
	12/9/1999	9,000	230	ND	ND	ND	ND	ND
Pumping began on December 6, 1999								

Notes:

1 Effluent is equivalent to PSP#1

2 MTBE was analyzed using EPA Method 8260B, prior to the September 2003. After September 2003, MtBE was only analyzed by EPA Method 8021B.

3 Lab data as shown for Oct. 2002 is erroneous data. During lab analysis a high detection of 2-Butanone was detected in only the effluent sample. The influent sample for 2-Butanone was at only 20 ppb. This caused a high dilution factor causing a high non-detectable value. The high TPH-g value was misrepresentative due to the Y and Z flags.

ND, < : Not Detected above laboratory reporting limits

NA: Not Analyzed

NR: Not recorded. Totalizer reading not recorded.

Y: Sample exhibits fuel pattern which does not resemble standard

Z: Sample exhibits unknown single peak or peaks

Table 3
Total Mass of Petroleum Hydrocarbons Removed by the Vapor Extraction System & Historical Operational Data
3609 International Boulevard, Oakland, California

Date	Time	PID (ppmv)		Flow Rate	Time Elapsed	Air Flow	Mass Removed [1]
		Influent	Effluent	(ft^3/min)	(Hours)	(Liters)	(Pounds)
7/24/2000	5:00 PM	394	0	85	0.0	0	0.00
7/25/2000	5:15 PM	38	2	95	24.3	3,911,768	1.35
7/26/2000	5:05 PM	207	1	80	24.0	3,260,160	6.15
7/27/2000	9:00 AM	160	5	92	16.0	2,499,456	3.64
7/28/2000	4:30 PM	141	7	87	31.5	4,653,369	5.98
7/29/2000	1:30 PM	225	8	85	21.0	3,030,930	6.21
7/30/2000	9:00 AM	226	12	85	19.5	2,814,435	5.79
7/31/2000	3:00 PM	141	5	85	30.0	4,329,900	5.56
8/1/2000	5:00 PM	135	4	80	26.0	3,531,840	4.34
8/2/2000	4:00 PM	80	4	80	23.0	3,124,320	2.28
8/3/2000	5:00 PM	60	5	85	25.0	3,608,250	1.97
8/4/2000	3:00 PM	57	4	85	22.0	3,175,260	1.65
8/5/2000	2:00 PM	97	8	87	23.0	3,397,698	3.00
8/6/2000	12:00 PM	114	8	80	22.0	2,988,480	3.10
8/7/2000	12:00 PM	93	9	85	24.0	3,463,920	2.93
8/8/2000	4:30 PM	152	10	85	16.5	2,381,445	3.30
8/10/2000	10:00 AM	173	1	85	41.5	5,989,695	9.44
8/11/2000	7:00 AM	78	4	70	21.0	2,496,060	1.77
8/12/2000	9:00 AM	100	6	70	26.0	3,090,360	2.82
8/13/2000	5:00 PM	107	9	70	34.0	4,041,240	3.94
8/14/2000	12:30 PM	122	5	70	19.5	2,317,770	2.58
8/15/2000	6:00 PM	103	12	70	17.5	2,080,050	1.95
8/16/2000	12:30 PM	112	0	70	18.5	2,198,910	2.24
8/18/2000	9:00 AM	90	0	75	44.5	5,667,075	4.65
8/21/2000	12:00 PM	74	5	80	75.0	10,188,000	6.87
8/24/2000	12:00 PM	68	13	80	72.0	9,780,480	6.06
8/27/2000	12:30 PM	68.5	2	80	72.5	9,848,400	6.15
8/31/2000	1:30 PM	52	6	80	97.0	13,176,480	6.24
9/4/2000	12:30 PM	54	5	80	95.0	12,904,800	6.35
9/7/2000	12:00 PM	55	3	80	71.5	9,712,560	4.87
9/11/2000	4:30 PM [2]	141	0	80	100.5	13,651,920	17.54
9/14/2000	9:30 AM	56	5	80	65.0	8,829,600	4.50
9/18/2000	2:00 PM	46	9.5	80	101.5	13,787,760	5.78
9/18/2000	4:30 PM [3]	34	0	80	2.5	339,600	0.11
9/21/2000	4:30 PM	43	1	80	72.0	9,780,480	3.83
9/25/2000	5:30 PM	55	6	80	97.0	13,176,480	6.60
9/28/2000	9:00 AM	47.5	7.5	80	63.5	8,625,840	3.73

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Total Mass of Petroleum Hydrocarbons Removed by the Vapor Extraction System & Historical Operational Data
3609 International Boulevard, Oakland, California

Date	Time	PID (ppmv)		Flow Rate	Time Elapsed	Air Flow	Mass Removed [1]
		Influent	Effluent	(ft^3/min)	(Hours)	(Liters)	(Pounds)
10/1/2000	1:00 PM	38.5	6	80	76.0	10,323,840	3.62
10/5/2000	3:00 PM [4]	28.5	3	80	98.0	13,312,320	3.46
10/5/2000	5:00 PM	36	0	80	2.0	271,680	0.09
10/8/2000	3:00 PM	28.5	3	80	70.0	9,508,800	2.47
10/14/2000	3:00 PM	24.5	2.5	80	144.0	19,560,960	4.37
10/17/2000	2:00 PM	36.5	3.5	80	71.0	9,644,640	3.21
10/20/2000	8:30 AM	18.5	3.5	80	66.5	9,033,360	1.52
10/25/2000	2:00 PM	38	3.7	80	125.5	17,047,920	5.90
10/29/2000	10:00 AM	35	4	80	93.0	12,633,120	4.03
11/2/2000	4:00 PM	30.5	4	80	102.0	13,855,680	3.85
11/7/2000	4:00 PM	30	6	80	120.0	16,300,800	4.46
11/19/2000	12:00 PM	92.7	5.5	80	284.0	38,578,560	32.57
11/24/2000	1:30 PM	25	6.5	80	121.5	16,504,560	3.76
11/29/2000	3:00 PM	14.5	3.5	80	121.5	16,504,560	2.18
12/4/2000	4:30 PM	10.7	1	80	121.5	16,504,560	1.61
12/13/2000	3:30 PM	24	3	80	263.0	35,725,920	7.81
12/28/2000	2:30 PM	10	6	85	359.0	51,814,470	4.72
				2001			
1/4/2001 [5]	2:00 PM	8.7	3.7	85	167.5	24,175,275	1.92
8/8/2001	3:00 PM	217	0	85	0.5	72,165	0.14
9/6/2001	12:00 PM	85	0	85	693.0	100,020,690	77.45
9/13/2001	4:00 PM	186	8	85	172.0	24,824,760	42.07
9/18/2001	3:00 PM	184	9	85	119.0	17,175,270	28.79
9/21/2001 [6]		--	--	--	NC	NC	NC
10/12/01 [7]		--	--	--	NC	NC	NC
10/23/2001	5:00 PM	114	58	87	0.5	73,863	0.08
10/25/01 [4]	3:00 PM	133	0	85	46.0	6,639,180	8.04
10/29/2001 [8]	1:20 PM	569	0	85	94.5	13,639,185	70.70
11/7/2001	3:30 PM	177	0	87	218.0	32,204,268	51.93
11/16/2001	3:00 PM	117	0	87	215.5	31,834,953	33.93
11/21/01 [9]	12:00 PM	85	72	87	117.0	17,283,942	13.38
				2002			
2/15/02 [10]	4:30 PM	49	0	80	0.5	67,920	0.03
2/16/2002	3:45 PM	50	0	80	23.3	3,158,280	1.44
2/21/2002	4:00 PM	37	4	80	120.3	16,334,760	5.51
2/27/2002	10:30 AM	11	0	83	138.5	19,519,359	1.96
3/7/02 [11]	12:20 PM	10		80	194.0	26,352,960	2.40
6/12/2002 [12]	4:15 PM	53	2	75	NA	NA	NA
6/17/2002	11:00 AM	28	2	80	120.0	16,306,560	4.16
6/24/2002	11:20 AM	24	3.1	80	168.3	22,866,400	5.00

Table 3
Total Mass of Petroleum Hydrocarbons Removed by the Vapor Extraction System & Historical Operational Data
3609 International Boulevard, Oakland, California

Date	Time	PID (ppmv)		Flow Rate	Time Elapsed	Air Flow	Mass Removed [1]
		Influent	Effluent	(ft^3/min)	(Hours)	(Liters)	(Pounds)
7/5/2002	1:25 PM	20	5	80	266.0	36,133,440	6.58
7/11/2002	3:30 PM	26	8.0	80	146.0	19,832,640	4.70
7/23/2002	10:10 AM	28	7.5	83	282.8	39,849,089	10.16
8/9/2002	12:20 PM	7.5	0	80	410.3	55,728,360	3.81
8/15/2002 [11]	3:00 PM	7.0	1	80	146.5	19,900,560	1.27
8/23/2002 [13]	3:20 PM	NC	NC	NC	NC	NC	NC
8/26/2002	11:15 AM	14.0	2.0	80	71.8	9,757,387	1.24
9/11/2002	10:10 AM	34.4	0	80	383.0	52,020,588	16.30
9/19/2002	10:55 AM	8.8	1.1	80	192.8	26,183,160	2.10
9/25/2002	10:30 AM	18.8	1.8	80	143.5	19,493,040	3.34
10/2/2002	8:10 AM	17.1	2.5	80	165.70	22,508,688	3.51
10/9/2002		PID malfunction		80	NC	NC	NC
10/16/2002	1:45 PM	17.0	4.0	80	341.50	46,389,360	7.18
10/24/2002	10:00 AM	16.5	6.4	80	188.25	25,571,880	3.84
11/1/2002	10:00 AM	21.1	0.0	85	192.00	27,711,360	5.33
11/6/2002	10:12 AM	PID malfunction		87	NC	NC	NC
11/7/2002	11:00 AM	17.5	0.0	85	24.75	3,572,168	0.57
11/13/2002	11:30 AM	15.0	0.0	85	144.50	20,855,685	2.85
11/22/2002	2:30 PM	6.6	0.0	80	219.00	29,748,960	1.79
11/22/2002	system shut-down due to rainy season and low influent readings						
	2003						
5/9/2003	10:30 AM	0.1	0.0	82	0.5	69,618	0.00
5/12/2003	10:30 AM	0.4	0.3	85	72.00	10,391,760	0.04
5/21/2003	11:00 AM	2.2	2.2	83	216.50	30,512,211	0.61
6/4/2003	10:30 AM	2.5	0.1	82	335.50	46,713,678	1.06
6/10/2003	10:30 AM	2.2	0.08	82	144.00	20,049,984	0.40
6/16/2003	12:15 PM	2.1	0.07	82	146.25	20,363,265	0.39
6/24/2003	4:55 PM	2.6	0.08	82	196.75	27,394,683	0.65
6/30/2003	11:30 AM	2.2	0.1	82	138.50	19,284,186	0.39
7/16/2003	12:00 PM	2.2	0.22	82	384.50	53,536,242	1.07
7/21/2003	10:50 AM	2.1	0.21	82	119.00	16,569,084	0.32
7/28/2003	11:15 AM	2.2	0.22	82	168.25	23,426,457	0.47
8/11/2003	12:15 PM	2.1	0.21	82	337.00	46,922,532	0.90
8/19/2003	10:05 AM	2.1	0.22	82	190.00	26,454,840	0.51
8/25/2003	11:30 AM	2.2	0.23	81	169.50	23,312,691	0.47
9/2/2003	10:50 AM	2.1	0.21	80	192.00	26,081,280	0.50
9/8/2003	2:10 PM	9.1	3.19	83	147.30	20,759,578	1.72
9/11/2003	10:00 AM	All 4 SVE carbon drums changed-out					
9/22/2003	1:30 PM	7	0.2	88	334.25	49,944,972	3.19

Table 3
Total Mass of Petroleum Hydrocarbons Removed by the Vapor Extraction System & Historical Operational Data
3609 International Boulevard, Oakland, California

Date	Time	PID (ppmv)		Flow Rate	Time Elapsed	Air Flow	Mass Removed [1]
		Influent	Effluent	(ft^3/min)	(Hours)	(Liters)	(Pounds)
10/1/2003	10:30 AM	6.5	0.2	85	213.00	30,742,290	1.82
10/6/2003	11:00 AM	7	0.3	85	120.50	17,391,765	1.11
10/13/2003	11:15 AM	5	0.2	85	168.25	24,283,523	1.11
10/29/2003	10:00 AM	2.4	0	85	382.75	55,242,308	1.21
11/3/2003	11:30 AM	3	0	85	121.50	17,536,095	0.48
11/10/2003	11:10 AM	3.5	0	85	167.67	24,199,330	0.77
11/17/2003	1:50 PM	4.1	0	85	170.70	24,637,131	0.92
11/24/2003	11:00 AM	3.8	0	85	165.20	23,843,316	0.83
11/24/2003	system shut-down due to rainy season and low influent readings						
2004							
4/5/2004	1:00 PM	5.6	0.11	85	0.5	72165	0.004
4/12/2004	10:30 AM	6.5	0.2	83	165.5	23,324,577	1.38
4/20/2004	12:00 PM	7.1	0.9	84	193.5	27,599,292	1.79
4/23/2004	11:00 AM	7.2	2.3	80	71	9,644,640	0.63
5/3/2004	12:00 PM	7.1	3.4	80	241	32,737,440	2.12
5/5/2004	11:00 PM	All 4 SVE carbon drums changed-out					
5/17/2004	12:00 PM	2.7	0.8	82	336	46,783,296	1.15
5/26/2004	11:00 AM	3.8	0.5	82	215	29,935,740	1.04
6/1/2004	1:00 PM	3.6	0.9	82	122	16,986,792	0.56
6/7/2004	11:50 AM	3.2	0	82	142.9	19,896,824	0.58
6/14/2004	11:50 AM	10.9	0	86	168	24,532,704	2.44
6/21/2004	10:50: AM	13.5	0	83	167	23,535,978	2.89
6/28/2004	11:50 AM	10.9	0.5	85	169	24,391,770	2.42
7/2/2004	11:30 AM	8.7	0	85	95.8	13,826,814	1.10
7/13/2004	2:00 PM	9.1	0.22	85	266.5	38,463,945	3.19
7/21/2004	12:00 PM	8.9	0.5	85	190	27,422,700	2.22
7/26/2004	11:50 AM	8.5	0.4	85	119.5	17,247,435	1.34
8/2/2004	11:30 AM	4.9	0.1	85	167.8	24,218,574	1.08
8/9/2004	11:50 AM	5.6	0.2	85	168.3	24,290,739	1.24
8/16/2004	12:00 PM	6	0.4	85	168.1	24,261,873	1.33
8/24/2004	11:50 AM	6.2	1.2	85	191.9	27,696,927	1.56
8/30/2004	11:30 AM	6	0.4	85	143.66	20,734,448	1.13
9/7/2004	1:05 PM	5.5	0.8	85	193.5	27,927,855	1.40
9/13/2004	12:05 PM	5.3	0.9	85	143	20,639,190	1.00
9/20/2004	11:08 AM	7	2.9	85	167	24,103,110	1.54
9/27/2004	2:50 PM	6.5	2.1	85	171.75	24,788,678	1.47

Table 3
Total Mass of Petroleum Hydrocarbons Removed by the Vapor Extraction System & Historical Operational Data
3609 International Boulevard, Oakland, California

Date	Time	PID (ppmv)		Flow Rate	Time Elapsed	Air Flow	Mass Removed [1]
		Influent	Effluent	(ft^3/min)	(Hours)	(Liters)	(Pounds)
10/4/2004	11:30 AM	6.9	3	85	164.55	23,749,502	1.49
10/13/2004	10:30 AM	6.5	2.9	85	215	31,030,950	1.84
10/18/2004	2:30 PM	6	1.5	85	124	17,896,920	0.98
10/28/2004	2:00 PM	3.1	0.9	85	239.5	34,567,035	0.98
10/28/2004	system shut-down due to rainy season and low influent readings						
2005							
4/11/2005	system re-started, all four vapor phase carbon drums replaced with new carbon						
4/18/2005	10:50 AM	6.5	0.8	85	167.83	24,223,481	1.43
4/25/2005	5:30 PM	6	0.7	85	174.33	25,161,626	1.38
5/4/2005	11:20 AM	0.4	0	85	209.83	30,285,341	0.11
5/9/2005	11:00 AM	1	0.4	85	119.67	17,271,538	0.16
5/16/2005	10:15 AM	3	0	85	167.25	24,139,193	0.66
5/23/2005	11:05 AM	0.4	0	90	168.83	25,801,110	0.09
6/3/2005	3:30 PM	0.2	0	90	268.48	41,029,114	0.07
6/9/2005	3:00 PM	0.2	0	90	143.50	21,929,670	0.04
6/15/2005	2:15 PM	1	0	85	143.25	20,675,273	0.19
6/20/2005	12:00 PM	0.6	0	88	117.75	17,594,676	0.10
6/26/2005	12:00 PM	0.5	0	85	144.00	20,783,520	0.09
7/7/2005	2:45 PM	0.2	0	90	266.75	40,764,735	0.07
7/11/2005	3:00 PM	0.3	0	90	96.25	14,708,925	0.04
7/18/2005	1:00 PM	1	0	85	166.00	23,958,780	0.22
7/25/2005	12:00 PM	1.5	0	87	167.00	24,670,242	0.34
8/1/2005	1:30 PM	1	0	85	169.50	24,463,935	0.22
8/8/2005	11:50 AM	0.7	0	80	166.40	22,603,776	0.14
8/15/2005	1:30 PM	0.9	0	83	169.60	23,902,406	0.20
8/24/2005	12:00 PM	0.8	0	85	214.50	30,958,785	0.23
8/29/2005	11:45 AM	0.7	0	85	119.75	17,283,518	0.11
9/6/2005	12:15 PM	0.8	0	85	192.50	27,783,525	0.20
9/12/2005	12:10 PM	1.2	0	85	144.00	20,783,520	0.23
9/20/2005	11:30 AM	1.1	0	84	192.60	27,470,923	0.28
10/6/2005	3:00 PM	all 4 vapor phase carbon drums replaced with new carbon drums					
10/17/2005	12:00 PM	33	5	86	648.5	94,699,158	28.47
					Total Mass of Petroleum Hydrocarbons Removed =		**776.25**
					Average Daily Removal Rate (pounds / day)=		**0.41**

Table 3
Total Mass of Petroleum Hydrocarbons Removed by the Vapor Extraction System & Historical Operational Data
3609 International Boulevard, Oakland, California

Date	Time	PID (ppmv)		Flow Rate (ft^3/min)	Time Elapsed (Hours)	Air Flow (Liters)	Mass Removed [1] (Pounds)
		Influent	Effluent				

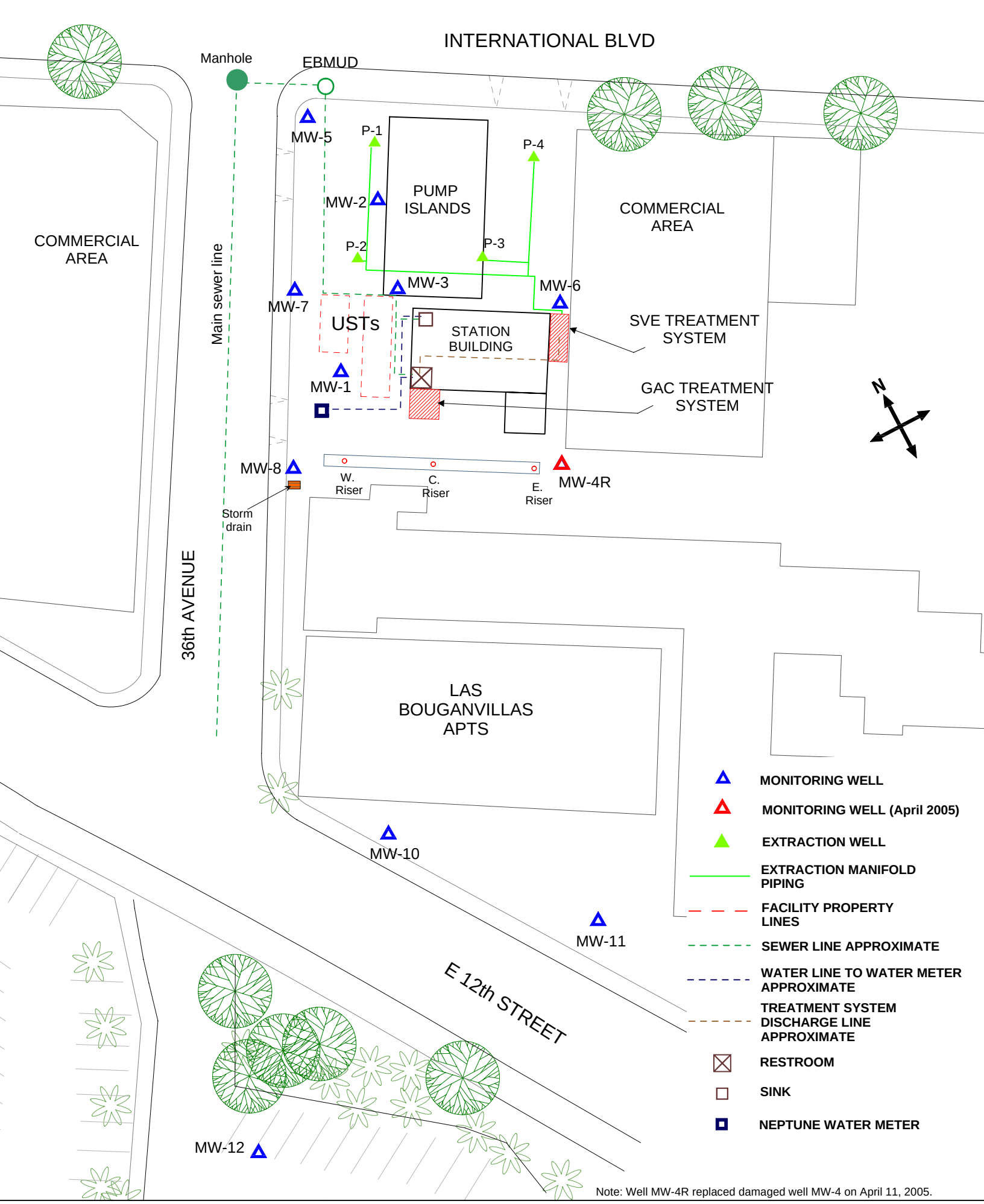
Notes:
[1] The representative molecular weight of hydrocarbons was assumed to be 150 gram/mole and used the measured temperature of Vapor (25 °C) in converting ppm-v to ppm on mass basis.
[2] System accidentally shut down from main box, readings taken 30 minutes after startup.
[3] GAC Replaced
[4] GAC-1 removed, new GAC installed at effluent end
[5] SVE System turned off for rainy season due to low influent concentrations
[6] system down, hoses disconnected and GAC moved for replacement
[7] system down for electrical repair
[8] Carbon change-out of three drums, moved new effluent drum on 10/25/01 to GAC-1
[9] system shut-down due to high effluent value
[10] System re-started (since November 21, 2001), installed new 4-55 gallon vapor phase carbon vessels, repaired blower
[11] System was shut-down due to low influent reading
[12] System was restarted on 6/12/02
[13] System was re-started but no readings were taken

NC: Not Calculated
Calculations
Airflow: Flowrate (ft^3/min)* 60 min * Time Elapsed (hrs)* 28.3 liters/ft^3
Mass Removed: Time Elapsed (hrs) * 60 min* Flowrate (ft^3/min)* (28.3 m^3/ft^3)*
(((PID reading * (102 grams TPH-g /mole)* (1 mole / 24.4 L))*(1/1000 m^3)) * (1 lb/454 grams)

FIGURES

Figure 1: Site vicinity map.

SOMA ENVIRONMENTAL ENGINEERING, INC.



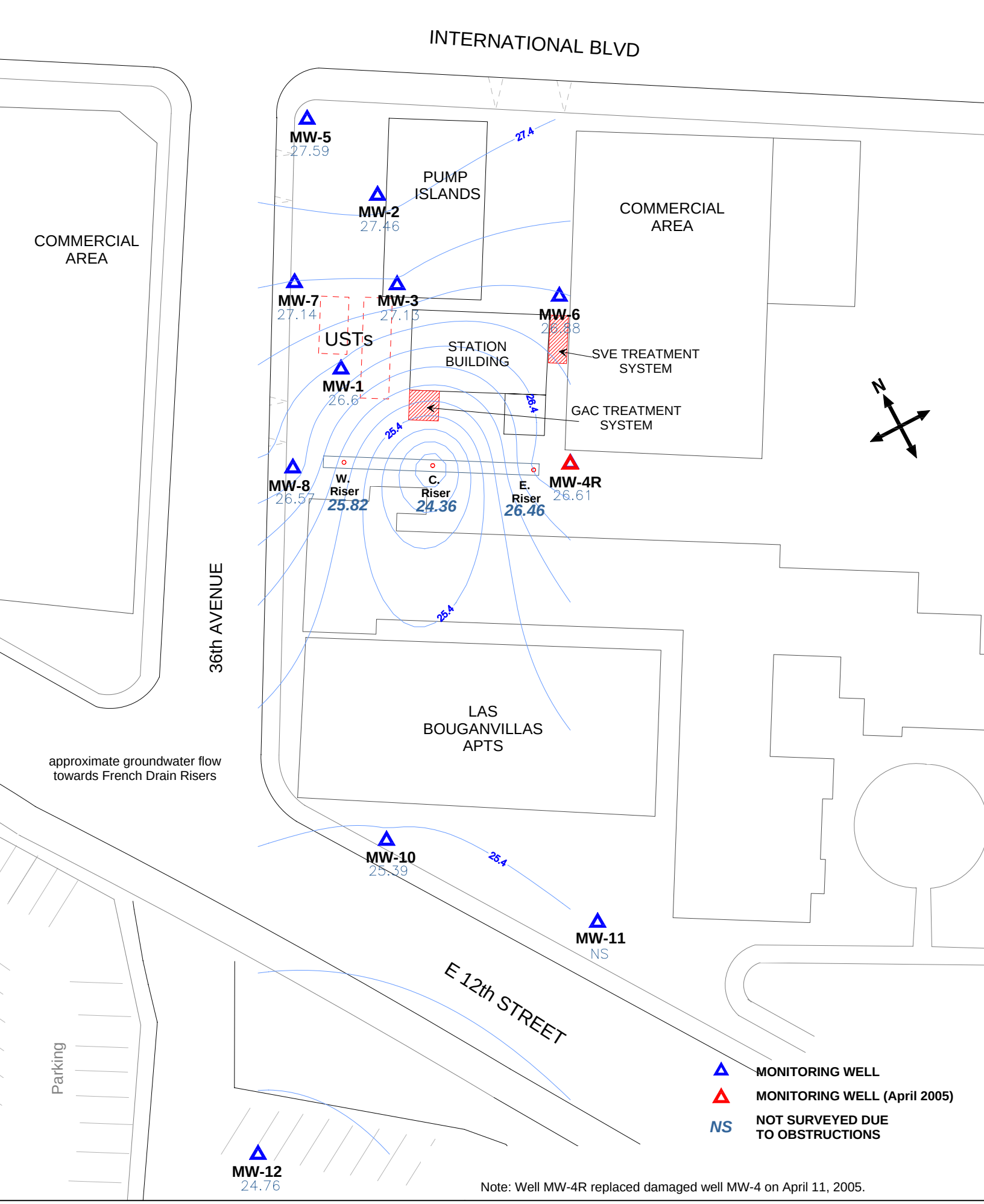
Note: Well MW-4R replaced damaged well MW-4 on April 11, 2005.

approximate scale in feet

0 20 40

Figure 2: Site map showing location of groundwater monitoring wells, French drain, SVE system, and GAC system.

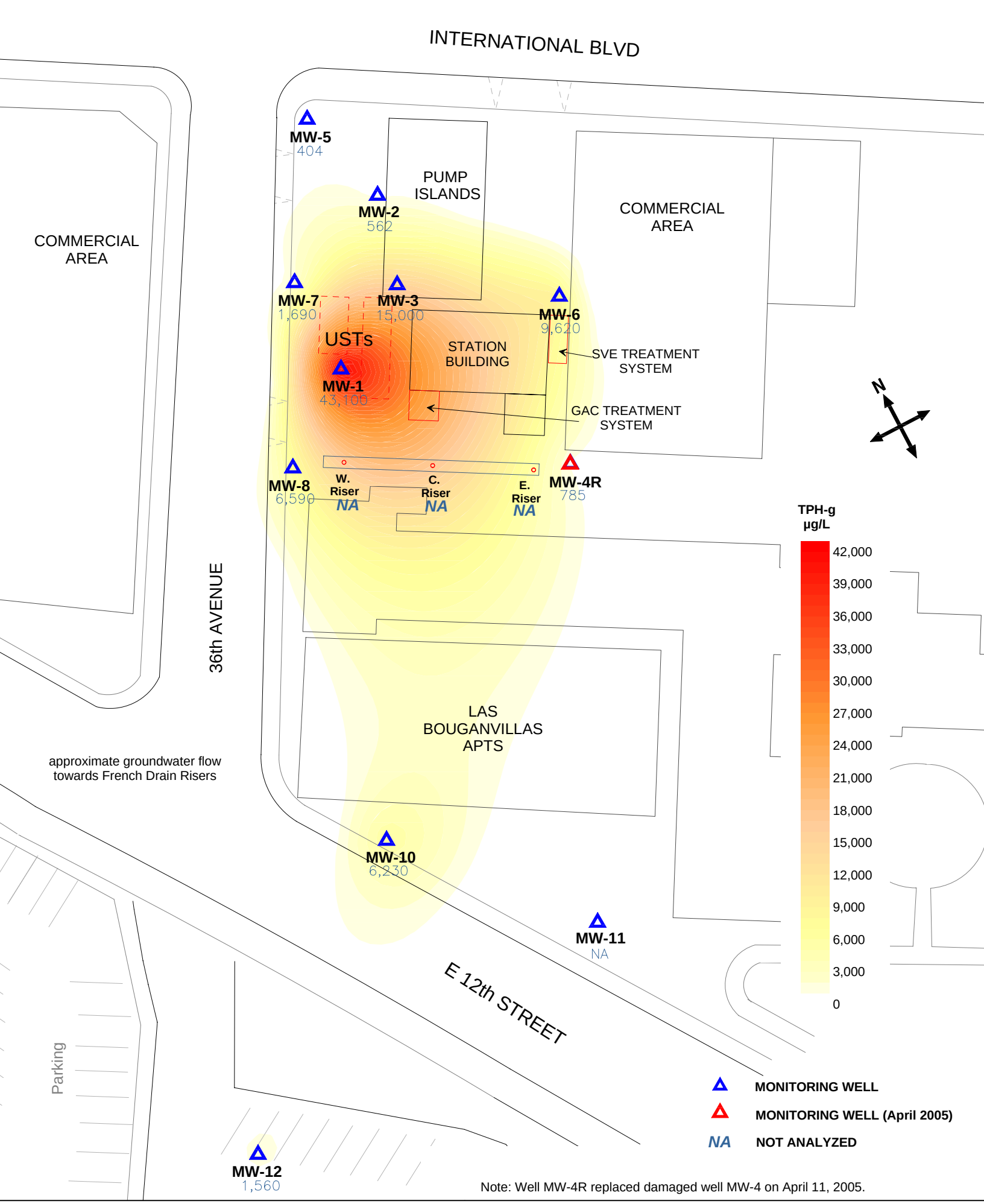
ENVIRONMENTAL ENGINEERING, INC.



Note: Well MW-4R replaced damaged well MW-4 on April 11, 2005.

Figure 3: Groundwater elevation contour map in feet. October 2005.

ENVIRONMENTAL ENGINEERING, INC.



Note: Well MW-4R replaced damaged well MW-4 on April 11, 2005.

Figure 4: Contour map of TPH-g concentrations in the groundwater. October 2005.

ENVIRONMENTAL ENGINEERING, INC.

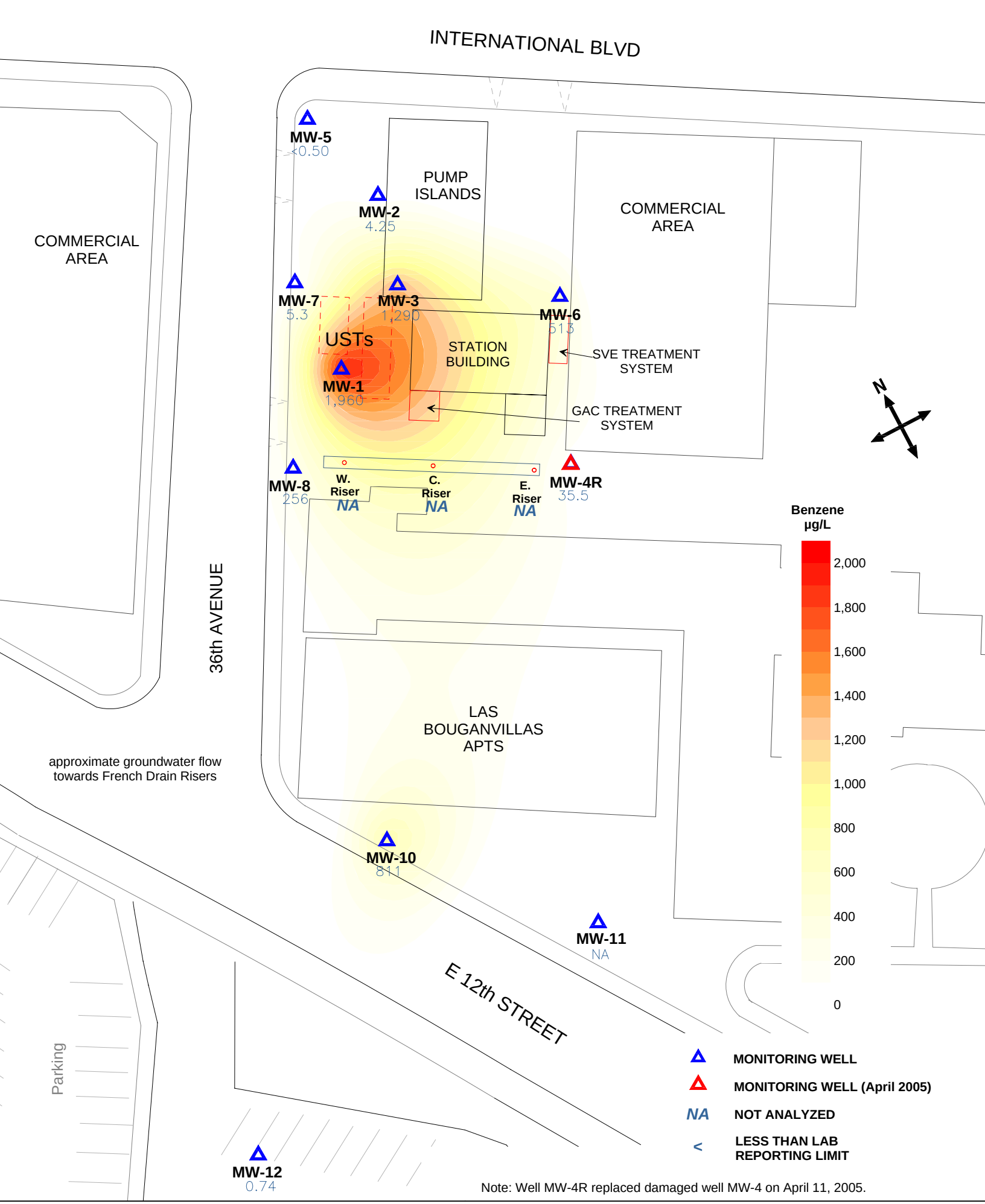
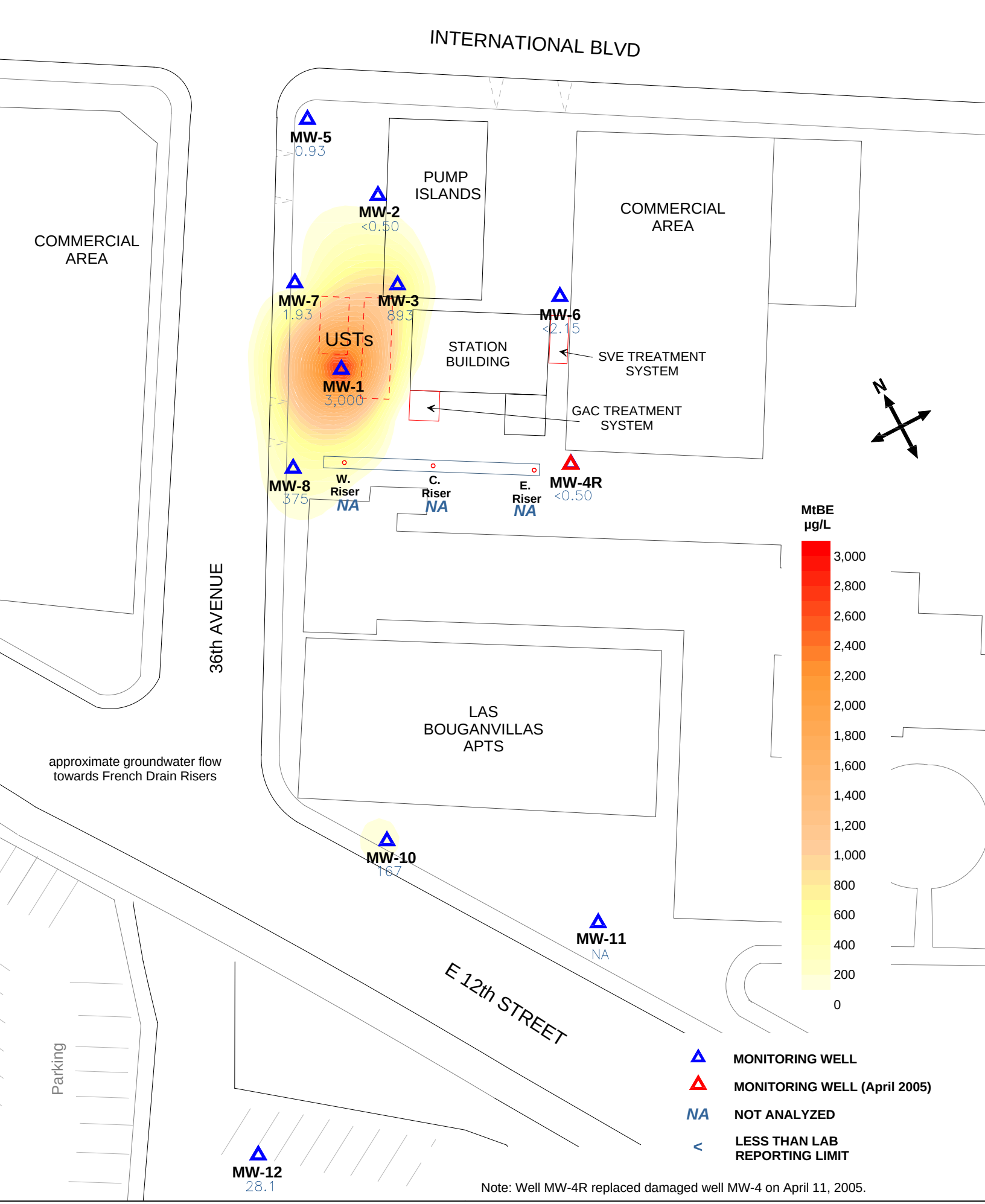


Figure 5: Contour map of Benzene concentrations in the groundwater. October 2005.

ENVIRONMENTAL ENGINEERING, INC.



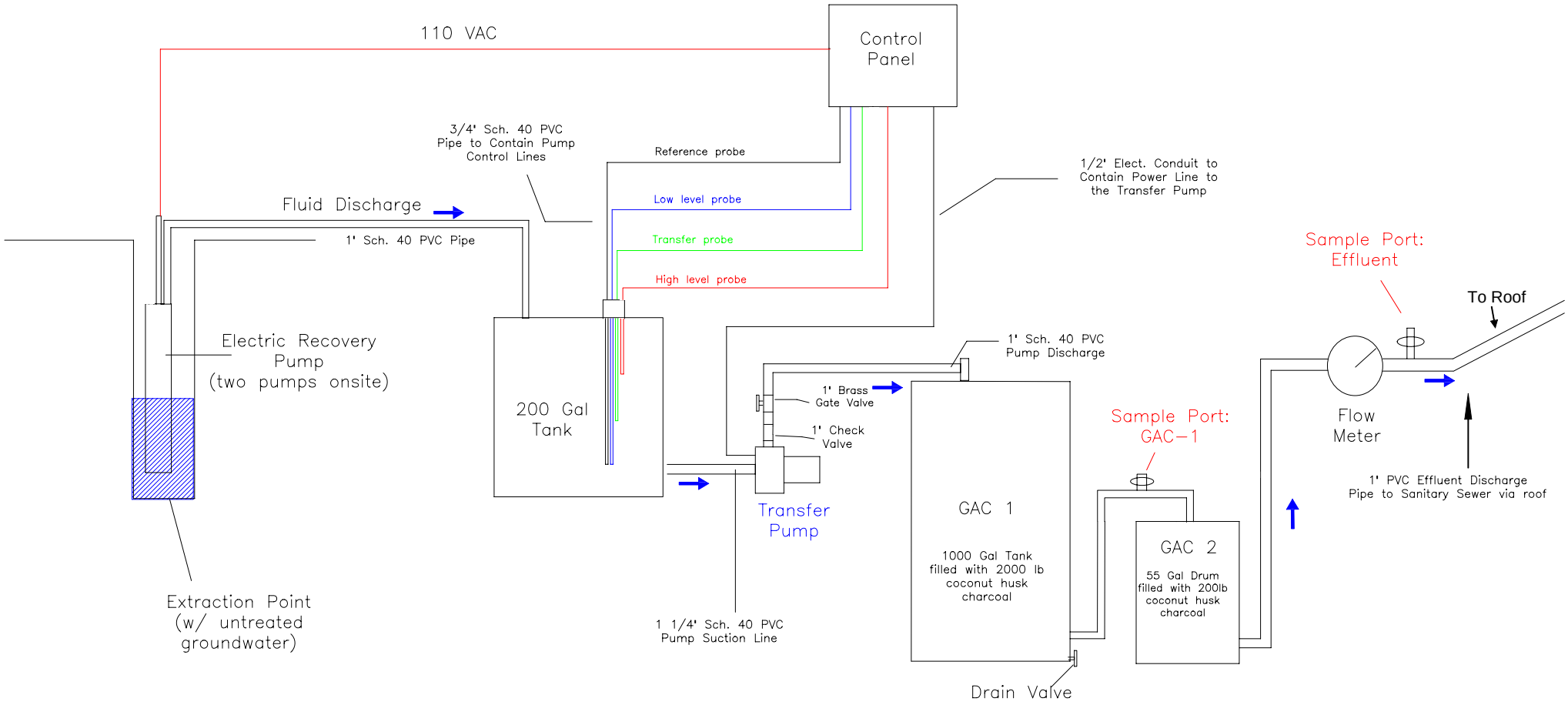
Note: Well MW-4R replaced damaged well MW-4 on April 11, 2005.

approximate scale in feet

0 20 40

Figure 6: Contour map of MtBE concentrations in the groundwater. (EPA Method 8260B). October 2005.

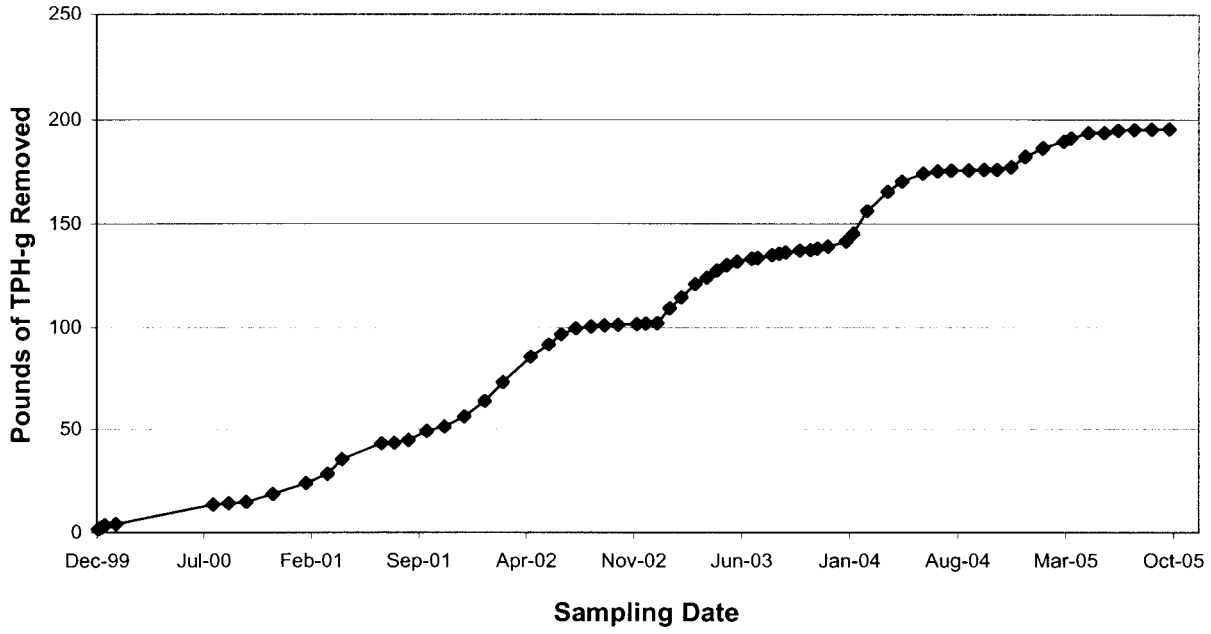
ENVIRONMENTAL ENGINEERING, INC.



(Discharge permit No: 504-27421)
Tony's Express Auto Service. November 14, 2006 permit expires

Figure 7: Schematic of the Groundwater Remediation System.
3609 International Blvd., Oakland, CA

ENVIRONMENTAL ENGINEERING, INC.



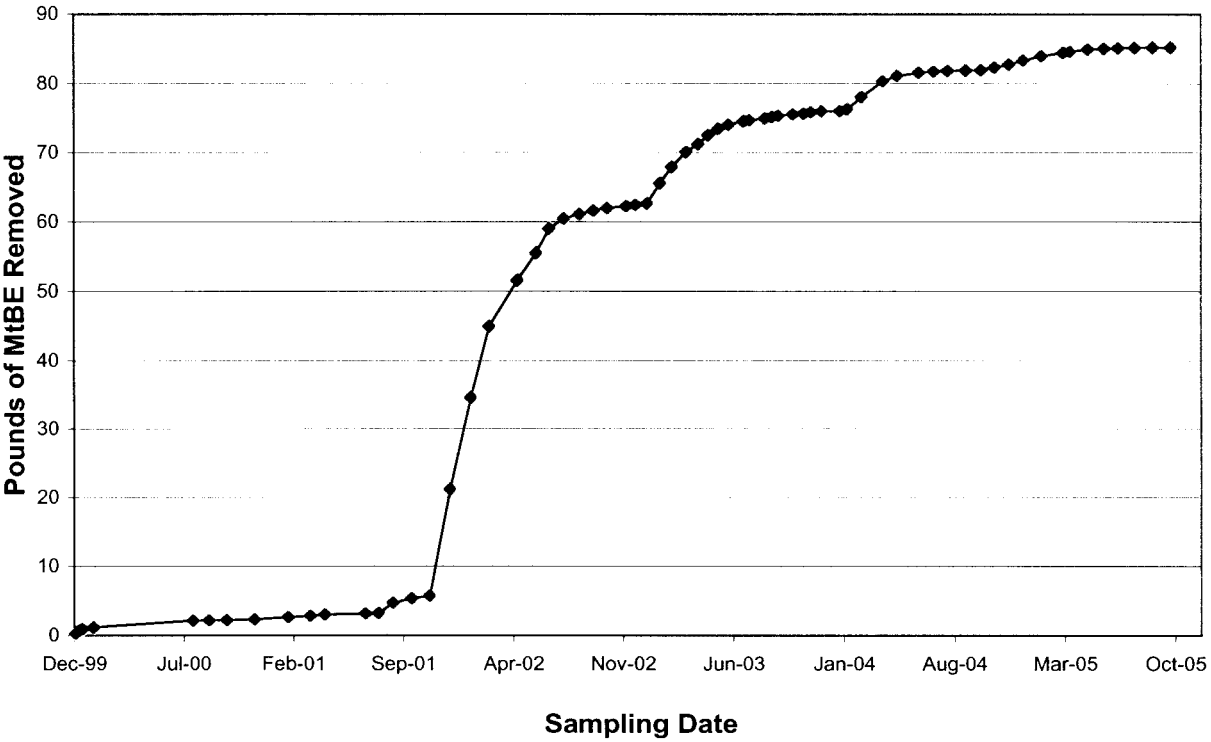


Figure 8. Cumulative mass of TPH-g and MtBE removed from groundwater since the installation of the treatment system.

ENVIRONMENTAL ENGINEERING, INC

APPENDIX A

SOMA's Groundwater Monitoring Procedures

Field Activities

On October 13 and 14, 2005, SOMA's field crew conducted a groundwater monitoring event in accordance with the procedures and guidelines of the RWQCB, San Francisco Bay Region. During this groundwater monitoring event a total of eight on-site monitoring wells (MW-1 to MW-8), two off-site monitoring wells (MW-10 and MW-12), and three on-site French drain risers were measured for depth to groundwater. Field measurements and grab groundwater samples were collected from all of these monitoring wells.

The depth to groundwater in each monitoring well and riser was measured from the top of the casing to the nearest 0.01 foot using an electric sounder. The top of the casing elevation data and the depth to groundwater in each monitoring well and riser were used to calculate the groundwater elevation.

Kier and Wright Civil Engineers Surveyors, Inc. surveyed the wells and risers on August 9, 2002. At the time of the survey, monitoring well MW-11 could not be accessed due to obstacles preventing the proper use of surveying equipment; therefore, this well was not surveyed. The top of casing elevations were based on the survey data measured at this time. The elevation data was based on a datum of 14.20 NAVD88. The new survey was conducted to comply with an Electronically Deliverable Format (EDF) request made by the State Water Resources Control Board (SWRCB) Database.

Harrington Surveys, Inc. surveyed the newly installed well MW-4R on April 20, 2005. The elevation data for well MW-4R was referenced from wells MW-5 and MW-7. The survey data measured by Kier and Wright and Harrington Surveys are both presented in Appendix B.

Prior to collecting samples, each well was purged using a battery operated 2-inch diameter pump (Model ES-60 DC). During the purging activities, in order to obtain accurate measurements of groundwater parameters and especially to avoid the intrusion of oxygen from ambient air into the groundwater samples, field measurements were conducted in-situ (i.e., down-hole inside each monitoring well). The groundwater parameters such as DO, pH, temperature, EC, turbidity, and the ORP were measured in-situ using a Horiba, Model U-22 multi-parameter instrument. The equipment was calibrated at the Site using standard solutions and procedures provided by the manufacturer.

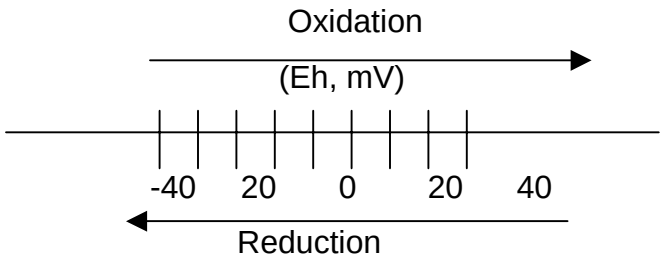
The pH of groundwater has an effect on the activity of microbial populations in the groundwater. The groundwater temperature affects the metabolic activity of bacteria. The groundwater conductivity (EC) is directly related to the concentration of ions in solution.

There is a strong correlation between the turbidity level and the biological oxygen demand of natural water bodies. The main purpose for checking the turbidity

level is to provide a general overview of the extent of the suspended solids in the groundwater.

ORP (oxidation reduction potential) is the measure of the potential for an oxidation or reduction process to occur. In the oxidation process a molecule or ion loses one or several electrons. In the reduction process a molecule or ion gains one or several electrons. The unit of the redox potential is the Volt or m-Volt. The most important redox reaction in petroleum-contaminated groundwater is the oxidation of petroleum hydrocarbons in the presence of bacteria and free molecular oxygen. Because the solubility of O_2 in water is low (9 mg/L at 25 ^oC and 11 mg/L at 5 ^oC), and because the rate of O_2 replenishment in subsurface environments is limited, DO can be entirely consumed, when the oxidation of only a small amount of petroleum hydrocarbons occurs.

Oxidation of petroleum hydrocarbons can still occur, when all the dissolved O_2 in the groundwater is consumed, however, the oxidizing agents (i.e., the constituents that undergo reduction) now become NO^-_3, MnO_2, $Fe(OH)_3$, SO_4^{2-} and others (Freeze and Cherry, 1979). As these oxidizing agents are consumed, the groundwater environment becomes more and more reduced. If the process proceeds far enough, the environment may become so strongly reduced that the petroleum hydrocarbons may undergo anaerobic degradation, resulting in the production of methane and carbon dioxide. The concept of oxidation and reduction in terms of changes in oxidation states is illustrated below.



The purging of the wells continued until the parameters for DO, pH, temperature, EC, turbidity, and redox stabilized or three casing volumes were purged.

Once stabilization occurred, the groundwater samples were also tested on-site for ferrous iron (Fe^{+2}), nitrate (NO_3^-), and sulfate (SO_4^{-2}) concentrations.

Fe^{+2}, NO_3^-, and SO_4^{-2} were measured colorimetrically using the Hach Colorimeter Model 890. The Hach Model 890 Colorimeter is a microprocessor-controlled photometer suitable for colorimetric testing in the laboratory or the field. The required reagents for each specific test are provided in AccuVac ampuls.

Detailed field measurements are shown in Appendix B.

For sampling purposes, after purging, a disposable polyethylene bailer was used to collect sufficient samples from each monitoring well for laboratory analyses. The groundwater sample was transferred into four 40-mL VOA vials and preserved with hydrochloric acid. The vials were then sealed to prevent development of air bubbles within the headspace. After the groundwater samples were collected, they were placed on ice and maintained at 4°C in a cooler. A chain of custody (COC) form was written and placed along with the samples in the cooler. On October 14, 2005, SOMA's field crew delivered the groundwater samples to Pacific Analytical Laboratory in Alameda, California.

Laboratory Analysis

Pacific Analytical Laboratory, a state certified laboratory, analyzed the groundwater samples for TPH-g, BTEX and MtBE. TPH-g, BTEX, and MtBE was prepared using EPA Method 5030B and measured using EPA Method 8260B.

Appendix B

Table of Elevations & Coordinates on Monitoring Wells
Surveyed by Kier Wright Civil Engineers Surveyors, Inc.
& Harrington Surveys, Inc.,
and
Field Measurements of Physical, Chemical, and
Biodegradation Parameters of Groundwater

JOB# A02576

TABLE OF ELEVATIONS & COORDINATES ON MONITORING WELLS

SOMA ENVIRONMENTAL

Oakland-E. 14 the St. "International Blvd"

WELL NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
FD-C	2109299.85	6064039.85	39.35 40.25	Notch on north side of PVC Punch north rim of box
FD-E	2109281.13	6064067.87	40.06 40.55	Notch on north side of PVC Punch north rim of box
FD-W	2109314.99	6064017.59	39.16 39.95	Notch on north side of PVC Punch north rim of box
MW-1	2109338.74	6064025.97	40.11 40.76	Notch on north side of PVC Punch north rim of box
MW-2	2109383.20	6064073.06	40.71 41.61	Notch on north side of PVC Punch north rim of box
MW-3	2109351.11	6064064.63	40.91 41.68	Notch on north side of PVC Punch north rim of box
MW-4	2109278.18	6064076.40	40.01 40.67	Notch on north side of PVC Punch north rim of box
MW-5	2109410.84	6064058.46	41.16 41.60	Notch on south side of PVC Punch south rim of box
MW-6	2109320.46	6064105.06	40.92 41.52	Notch on north side of PVC Punch north rim of box
MW-7	2109368.19	6064025.54	39.94 40.54	Notch on north side of PVC Punch north rim of box
MW-8	2109321.68	6064000.46	39.38 39.72	Notch on north side of PVC Punch north rim of box

Kier Wright Civil Engineers Surveyors, Inc.
1233 Quarry Lane, Suite 145, Pleasanton, CA 94566
(925) 249-6555 (925) 249-6563

DATE: 08/27/02
JOB# A02576

TABLE OF ELEVATIONS & COORDINATES ON MONITORING WELLS

SOMA ENVIRONMENTAL
Oakland-E. 14 the St. "International Blvd"

WELL NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
MW-10	2109193.97	6063957.39	36.71 37.70	Notch on north side of PVC Punch north rim of box
MW-11	2109125.26	6064007.52	XXXX	NO ELEVATION , BOAT ON TOP
MW-12	2109121.85	6063865.00	36.84 36.87	Notch on north side of PVC

Bench mark: NGS Bench mark No.M 554. To reach the station from the intersection of Interstate Highway 880 and Hegenberger Rd in South Oakland go northeast on Hegenberger Rd for 0.5 MI to a side road right Baldwin St. Turn right and go south on Baldwin St for 0.35 MI to a T-intersection, 85th Ave. for 0.1 MI to a side road right, Railroad Ave. Turn right and go south on Railroad Ave. for 0.1 MI to the station on the left, east, side of the road in a large concrete headwall for a culvert.

Elevation = 14.20 NAVD88 Datum

Coordinate values are based on the California Coordinate System, Zone iii NAD 83 Datum.

Kier Wright Civil Engineers Surveyors, Inc.
1233 Quarry Lane, Suite 145, Pleasanton, CA 94566
(925) 249-6555 (925) 249-6563

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW1	**Project No.:**	2331
Casing Diameter:	2 inches	**Address:**	3609 International Blvd.
Depth of Well:	29.60 feet		Oakland, CA
Top of Casing Elevation:	40.11 feet	**Date:**	October 13 ~~X~~ 2005
Depth to Groundwater:	13.51 feet	**Sampler:**	John Lohman
Groundwater Elevation:	26.60 feet		Mehran Nowroozi
Water Column Height:	16.09 feet		
Purged Volume:	10 gallons		

Purging Method:	Bailer	☐	Pump	☒
Sampling Method:	Bailer	☒	Pump	☐

Color:	No ☒	Yes ☐	**Describe:**	
Sheen:	No ☐	Yes ☒	**Describe:**	slight
Odor:	No ☐	Yes ☒	**Describe:**	med gas

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
2:15 pm	START PURGE									
2:18 pm	4	6.55	21.61	781	1.73	548	-98			
2:21 pm	8	6.51	21.12	734	1.56	753	-107			
2:24 pm	10	6.55	21.07	679	2.41	909	-104			
2:25 pm	dry @ 10 gallons									
2:32 pm	Sampled							3.30	0	0

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW2	**Project No.:**	2331
Casing Diameter:	4 inches	**Address:**	3609 International Blvd.
Depth of Well:	30.15 feet		Oakland, CA
Top of Casing Elevation:	40.71 feet	**Date:**	October ~~3~~ 14, 2005
Depth to Groundwater:	13.25 feet	**Sampler:**	John Lohman
Groundwater Elevation:	27.46 feet		Mehran Nowroozi
Water Column Height:	16.90 feet		
Purged Volume:	20 gallons		

Purging Method: Bailer ☐ Pump ■

Sampling Method: Bailer ■ Pump ☐

Color: No ☐ Yes ☐ Describe: _____

Sheen: No ☒ Yes ☐ Describe: _____

Odor: No ☒ Yes ☐ Describe: _____

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
10:26 PM	START		PURGE							
10:30 PM	5	6.52	20.49	556	2.42	337	66			
10:34 PM	10	6.51	20.61	555	2.57	321	67			
10:38 PM	15	6.46	20.76	556	1.94	322	63			
10:45 PM	20	6.45	20.72	595	1.76	326	77			
10:47 PM	STOP							<.01	0	17

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW3	**Project No.:**	2331
Casing Diameter:	4 inches	**Address:**	3609 International Blvd.
Depth of Well:	29.85 feet		Oakland, CA
Top of Casing Elevation:	40.91 feet	**Date:**	October ~~13~~ 14, 2005
Depth to Groundwater:	13.78 feet	**Sampler:**	John Lohman
Groundwater Elevation:	27.13 feet		Mehran Nowroozi
Water Column Height:	16.07 feet		
Purged Volume:	20 gallons		

Purging Method:	Bailer	☐	Pump	■
Sampling Method:	Bailer	■	Pump	☐

Color:	No ☐	Yes ☒	**Describe:**	blackish
Sheen:	No ~~☒~~	Yes ☒	**Describe:**	Slight
Odor:	No ☐	Yes ☒	**Describe:**	mod gas

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
11:32 Am	START		PURGE							
11:36 Am	5	6.35	20.48	913	2.07	331	-98			
11:40 Am	10	6.41	20.72	876	2.27	346	-120			
11:44 Am	15	6.45	20.59	850	3.54	462	-131			
11:45 Am	20	6.47	20.53	831	3.72	362	-135			
11:50 Am	SAMPLED							3.3	0	0

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW-4R	**Project No.:**	2331
Casing Diameter:	2 inches	**Address:**	3609 International Blvd.
Depth of Well:	26.30 feet		Oakland, CA
Top of Casing Elevation:	40.34 feet	**Date:**	October 13 ~~14~~, 2005
Depth to Groundwater:	13.73 feet	**Sampler:**	John Lohman
Groundwater Elevation:	26.61 feet		Mehran Nowroozi
Water Column Height:	12.57 feet		
Purged Volume:	16 gallons		

Purging Method: Bailer ☐ Pump ■

Sampling Method: Bailer ■ Pump ☐

Color: No ☒ Yes ☐ Describe: _____

Sheen: No ☒ Yes ☐ Describe: _____

Odor: No ☒ Yes ☐ Describe: _____

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
12:50 PM	START		PURGE							
12:55 PM	4	6.75	19.93	597	2.59	999	99			
1:00 PM	8	6.56	19.94	586	1.83	999	82			
1:05 PM	12	6.52	19.81	580	1.47	999	106			
1:10 PM	16	6.50	19.80	574	1.32	999	139			
1:12 PM	STOP PURGE									

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW-5	**Project No.:**	2331
Casing Diameter:	2 inches	**Address:**	3609 International Blvd.
Depth of Well:	26.30 feet		Oakland, CA
Top of Casing Elevation:	41.16 feet	**Date:**	October 14, 2005
Depth to Groundwater:	13.57 feet	**Sampler:**	John Lohman
Groundwater Elevation:	27.59 feet		Mehran Nowroozi
Water Column Height:	12.73 feet		
Purged Volume:	16 gallons		

Purging Method: Bailer ☐ Pump ■

Sampling Method: Bailer ■ Pump ☐

Color: No ☒ Yes ☐ Describe: ____________________

Sheen: No ☒ Yes ☐ Describe: ____________________

Odor: No ☒ Yes ☐ Describe: ____________________

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
9:55 AM	START PURGE									
9:58 AM	4	6.64	21.49	651	2.31	441	133			
10:01 AM	8	6.49	21.35	640	1.97	342	49			
10:04 AM	12	6.45	21.30	641	1.63	504	25			
10:07 AM	16	6.45	21.38	637	1.58	290	-8			
10:10 AM	3 [illegible]							.49	0	27

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW6	**Project No.:**	2331
Casing Diameter:	2 inches	**Address:**	3609 International Blvd.
Depth of Well:	24.90 feet		Oakland, CA
Top of Casing Elevation:	40.92 feet	**Date:**	October ~~18~~ 14, 2005
Depth to Groundwater:	14.04 feet	**Sampler:**	John Lohman
Groundwater Elevation:	26.88 feet		Mehran Nowroozi
Water Column Height:	10.86 feet		
Purged Volume:	16 gallons		

Purging Method: Bailer ☐ Pump ■

Sampling Method: Bailer ■ Pump ☐

Color: No ~~☐~~ Yes ☐ **Describe:**

Sheen: No ☐ Yes ~~☐~~ **Describe:** Slight

Odor: No ☐ Yes ~~☐~~ **Describe:** med gas

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
12:20 pm	START		PURGE							
12:35 pm	4	6.57	19.97	625	1.84	535	-57			
12:30 pm	8	6.47	19.42	586	1.77	589	-70			
12:35 pm	12	6.06	19.93	597	1.67	479	-74			
12:40 pm	16	6.40	19.96	596	1.67	542	-75			
12:47 pm	SMP							2.97	0	3

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW7	**Project No.:**	2331
Casing Diameter:	2 inches	**Address:**	3609 International Blvd.
Depth of Well:	25.80 feet		Oakland, CA
Top of Casing Elevation:	39.94 feet	**Date:**	October 13 ~~X~~ 2005
Depth to Groundwater:	12.80 feet	**Sampler:**	John Lohman
Groundwater Elevation:	27.14 feet		Mehran Nowroozi
Water Column Height:	13.00 feet		
Purged Volume:	16 gallons		

Purging Method: Bailer ☐ Pump ■

Sampling Method: Bailer ■ Pump ☐

Color: No ☐ Yes ☐ **Describe:**

Sheen: No ☐ Yes ☒ **Describe:** slight

Odor: No ☐ Yes ☑ **Describe:** med

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
2:48 PM	START		PURGE							
2:51 PM	4	6.67	21.97	530	1.50	715	-34			
2:54 PM	8	6.62	21.60	530	1.25	627	-67			
2:57 PM	12	6.61	21.49	544	1.00	550	-76			
3:02 PM	16	6.61	21.40	549	0.94	525	-79			
3:02 PM	SAMPLE							.49	0	0

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW8	**Project No.:**	2331
Casing Diameter:	2 inches	**Address:**	3609 International Blvd.
Depth of Well:	28.50 feet		Oakland, CA
Top of Casing Elevation:	39.38 feet	**Date:**	October 13 X 2005
Depth to Groundwater:	12.81 feet	**Sampler:**	John Lohman
Groundwater Elevation:	26.57 feet		Mehran Nowroozi
Water Column Height:	13.69 feet		
Purged Volume:	6 gallons		

Purging Method: Bailer ☐ Pump ■

Sampling Method: Bailer ■ Pump ☐

Color:	No ☐	Yes ☒	**Describe:**	black
Sheen:	No ☒	Yes ☐	**Describe:**	
Odor:	No ☐	Yes ☒	**Describe:**	Strong gas

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
1:25 pm	START	PURGE								
1:31 pm	4	6.59	20.50	672	1.94	648	-122			
1:35 pm	6	6.58	20.95	659	1.44	520	-125			
1:37 pm	done	@	6 gallons							
1:39 pm	START	SAMPLE						2.45	0	0

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW-10	**Project No.:**	2331
Casing Diameter:	2 inches	**Address:**	3609 International Blvd.
Depth of Well:	27.80 feet		Oakland, CA
Top of Casing Elevation:	36.71 feet	**Date:**	October 13 2005
Depth to Groundwater:	11.32 feet	**Sampler:**	John Lohman
Groundwater Elevation:	25.39 feet		Mehran Nowroozi
Water Column Height:	11.48 feet		
Purged Volume:	16 gallons		

Purging Method: Bailer ☐ Pump ☒

Sampling Method: Bailer ☒ Pump ☐

Color:	No ☒	Yes ☐	Describe:
Sheen:	No ☒	Yes ☐	Describe:
Odor:	No ☒	Yes ☐	Describe:

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
11:29 Am	START		PURGE							
11:33 am	4	6.65	20.39	619	2.76	448	52			
11:37 Am	4	6.51	20.37	626	1.92	374	39			
11:41 am	12	6.47	20.37	632	1.65	373	23			
11:45 am	16	6.46	20.37	655	1.46	362	5			
11:47 am	SAM	PLES						0	0	0

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW12	**Project No.:**	2331
Casing Diameter:	4 inches	**Address:**	3609 International Blvd.
Depth of Well:	29.70 feet		Oakland, CA
Top of Casing Elevation:	36.84 feet	**Date:**	October 13 ~~X~~ 2005
Depth to Groundwater:	12.09 feet	**Sampler:**	John Lohman
Groundwater Elevation:	24.76 feet		Mehran Nowroozi
Water Column Height:	17.62 feet		
Purged Volume:	30 gallons		

Purging Method: Bailer ☐ Pump ■

Sampling Method: Bailer ■ Pump ☐

Color: No ~~X~~ Yes ☐ Describe: _____

Sheen: No ~~X~~ Yes ☐ Describe: _____

Odor: No ~~X~~ Yes ☐ Describe: _____

Field Measurements:

Time	Vol (gallons)	pH	Temp (°C)	E.C. (µS/cm)	D.O. (mg/L)	Turbidity (NTU)	ORP (mV)	Fe^{+2} (mg/L)	$NO3^{-1}$ (mg/L)	SO_4^{-2} (mg/L)
10:49 AM	START PURGE									
10:53 AM	6	7.58	20.11	627	2.24	307	-69			
10:57 AM	12	7.02	20.23	623	1.67	296	-90			
11:02 AM	18	6.74	20.14	620	1.47	300	-96			
11:06 AM	24	6.61	20.15	625	1.35	300	-100			
11:11 AM	30	6.57	20.06	621	1.36	307	-104			
11:13 AM	SAMPLES							1.92	0	0

Appendix C

Chain of Custody Form and Laboratory Report

for the

Fourth Quarter 2005 Monitoring Event

PAL Pacific Analytical Laboratory
851 West Midway Ave. Suite 201
Alameda, CA 94501
Phone (510) 864-0364

25 October 2005

Mansour Sepehr
SOMA Environmental Engineering Inc.
6620 Owens Drive, Suite A
Pleasanton, CA 94588

RE: 3609 International Blvd, Oakland

Work Order Number: 5100011

This Laboratory report has been reviewed for technical correctness and completeness. This entire report was reviewed and approved by the Laboratory Director or the Director's designee, as verified by the following signature.

Sincerely,

Maiid Akhavan
Laboratorv Director

CHAIN OF CUSTODY FORM

PAL Pacific Analytical Laboratory
851 West Midway Ave., Suite 201B
Alameda, CA 94501
510-864-0364 Telephone
510-864-0365 Fax

PAL
Login# 5100011

Project No: 2331	Sampler: Mehran Nowroozi / John Lohman
Project Name: 3609 International Blvd Oakland	Report To: Tony Perini
	Company: SOMA Environmental Engineering, Inc.
Turnaround Time: Standard	Tel: 925-734-6400 Fax: 925-734-6401

Analyses/Method

Lab No.	Sample ID	Sampling Date/Time: Date	Time	Matrix: Soil	Water	Waste	# of Containers	Preservatives: HCL	H_2SO_4	HNO_3	ICE	Field Notes	TPHg, BTEX, MtBE 8260B
	MW-1	10/13/05	2:27		✓		4 VOAS	X			X	Grab Sample	X
	MW-2	10/14	1047		↓		4 VOAS	X			X	↓	X
	MW-3	〃	1150				4 VOAS	X			X		X
	MW-4R	10/13	112				4 VOAS	X			X		X
	MW-5	10/14	1010				4 VOAS	X			X		X
	MW-6	10/14	1247				4 VOAS	X			X		X
	MW-7	10/13	302				4 VOAS	X			X		X
	MW-8	10/13	139				4 VOAS	X			X		X
	MW-10	10/13	1147				4 VOAS	X			X		X
	~~MW-11~~						~~4 VOAS~~	~~X~~			~~X~~		~~X~~
	MW-12	10/13	1113				4 VOAS	X			X		X

Sampler Remarks:
EDF Required

Relinquished by:	Date/Time:	Received by:	Date/Time:
[illegible]	10/14/05 2:10 pm	James Zaminy	10/14/05 2:10 PM

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2331	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	5100011-01	Water	13-Oct-05 14:27	14-Oct-05 16:23
MW-2	5100011-02	Water	14-Oct-05 10:47	14-Oct-05 16:23
MW-3	5100011-03	Water	14-Oct-05 11:50	14-Oct-05 16:23
MW-4R	5100011-04	Water	13-Oct-05 13:12	14-Oct-05 16:23
MW-5	5100011-05	Water	14-Oct-05 10:10	14-Oct-05 16:23
MW-6	5100011-06	Water	14-Oct-05 12:47	14-Oct-05 16:23
MW-7	5100011-07	Water	13-Oct-05 15:02	14-Oct-05 16:23
MW-8	5100011-08	Water	13-Oct-05 13:39	14-Oct-05 16:23
MW-10	5100011-09	Water	13-Oct-05 11:47	14-Oct-05 16:23
MW-12	5100011-10	Water	13-Oct-05 11:13	14-Oct-05 16:23

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2331	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:22

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (5100011-01RE1) Water Sampled: 13-Oct-05 14:27 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**43100**	2150	ug/l	43	BJ51901	14-Oct-05	17-Oct-05	EPA 8260B	
Benzene	**1960**	21.5	"	"	"	"	"	"	
Ethylbenzene	**639**	21.5	"	"	"	"	"	"	
m&p-Xylene	**1870**	43.0	"	"	"	"	"	"	
o-xylene	**1210**	21.5	"	"	"	"	"	"	
Toluene	**325**	86.0	"	"	"	"	"	"	
MTBE	**3000**	21.5	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*70-130*	"	"	"	"	
Surrogate: Dibromofluoromethane		*87.4 %*		*70-130*	"	"	"	"	
Surrogate: Perdeuterotoluene		*104 %*		*70-130*	"	"	"	"	
MW-2 (5100011-02RE1) Water Sampled: 14-Oct-05 10:47 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**562**	50.0	ug/l	1	BJ51901	14-Oct-05	17-Oct-05	EPA 8260B	
Benzene	**4.25**	0.500	"	"	"	"	"	"	
Ethylbenzene	**15.0**	0.500	"	"	"	"	"	"	
m&p-Xylene	**7.20**	1.00	"	"	"	"	"	"	
o-xylene	**1.09**	0.500	"	"	"	"	"	"	
Toluene	**3.28**	2.00	"	"	"	"	"	"	
MTBE	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*70-130*	"	"	"	"	
Surrogate: Dibromofluoromethane		*85.6 %*		*70-130*	"	"	"	"	
Surrogate: Perdeuterotoluene		*102 %*		*70-130*	"	"	"	"	
MW-3 (5100011-03RE1) Water Sampled: 14-Oct-05 11:50 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**15000**	550	ug/l	11	BJ51901	14-Oct-05	17-Oct-05	EPA 8260B	
Benzene	**1290**	5.50	"	"	"	"	"	"	
Ethylbenzene	**675**	5.50	"	"	"	"	"	"	
m&p-Xylene	**599**	11.0	"	"	"	"	"	"	
o-xylene	**239**	5.50	"	"	"	"	"	"	
Toluene	**267**	22.0	"	"	"	"	"	"	
MTBE	**893**	5.50	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*70-130*	"	"	"	"	
Surrogate: Dibromofluoromethane		*87.0 %*		*70-130*	"	"	"	"	
Surrogate: Perdeuterotoluene		*104 %*		*70-130*	"	"	"	"	

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2331	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:22

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4R (5100011-04) Water Sampled: 13-Oct-05 13:12 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**785**	50.0	ug/l	1	BJ51901	14-Oct-05	14-Oct-05	EPA 8260B	
Benzene	**35.5**	0.500	"	"	"	"	"	"	
Ethylbenzene	**48.2**	0.500	"	"	"	"	"	"	
m&p-Xylene	**7.38**	1.00	"	"	"	"	"	"	
o-xylene	**0.970**	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.6 %*		*70-130*	"	"	"	"	
Surrogate: Dibromofluoromethane		*88.0 %*		*70-130*	"	"	"	"	
Surrogate: Perdeuterotoluene		*101 %*		*70-130*	"	"	"	"	
MW-5 (5100011-05) Water Sampled: 14-Oct-05 10:10 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**404**	50.0	ug/l	1	BJ51901	14-Oct-05	14-Oct-05	EPA 8260B	
Benzene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
m&p-Xylene	ND	1.00	"	"	"	"	"	"	
o-xylene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	**0.930**	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.6 %*		*70-130*	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.6 %*		*70-130*	"	"	"	"	
Surrogate: Perdeuterotoluene		*103 %*		*70-130*	"	"	"	"	
MW-6 (5100011-06) Water Sampled: 14-Oct-05 12:47 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**9620**	215	ug/l	4.3	BJ51901	14-Oct-05	15-Oct-05	EPA 8260B	
Benzene	**513**	2.15	"	"	"	"	"	"	
Ethylbenzene	**523**	2.15	"	"	"	"	"	"	
m&p-Xylene	**342**	4.30	"	"	"	"	"	"	
o-xylene	**80.3**	2.15	"	"	"	"	"	"	
Toluene	**97.4**	8.60	"	"	"	"	"	"	
MTBE	ND	2.15	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*70-130*	"	"	"	"	
Surrogate: Dibromofluoromethane		*89.6 %*		*70-130*	"	"	"	"	
Surrogate: Perdeuterotoluene		*103 %*		*70-130*	"	"	"	"	

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive. Suite A	Project Number: 2331	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:22

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (5100011-07RE1) Water Sampled: 13-Oct-05 15:02 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**1690**	50.0	ug/l	1	BJ51901	14-Oct-05	17-Oct-05	EPA 8260B	
Benzene	**5.30**	0.500	"	"	"	"	"	"	
Ethylbenzene	**12.6**	0.500	"	"	"	"	"	"	
m&p-Xylene	**34.8**	1.00	"	"	"	"	"	"	
o-xylene	**19.2**	0.500	"	"	"	"	"	"	
Toluene	**2.71**	2.00	"	"	"	"	"	"	
MTBE	**1.93**	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*85.8 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*105 %*	*70-130*		"	"	"	"	
MW-8 (5100011-08RE1) Water Sampled: 13-Oct-05 13:39 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**6590**	215	ug/l	4.3	BJ51901	14-Oct-05	17-Oct-05	EPA 8260B	
Benzene	**256**	2.15	"	"	"	"	"	"	
Ethylbenzene	**655**	2.15	"	"	"	"	"	"	
m&p-Xylene	**44.1**	4.30	"	"	"	"	"	"	
o-xylene	**4.40**	2.15	"	"	"	"	"	"	
Toluene	**27.7**	8.60	"	"	"	"	"	"	
MTBE	**375**	2.15	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*86.2 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*104 %*	*70-130*		"	"	"	"	
MW-10 (5100011-09) Water Sampled: 13-Oct-05 11:47 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**6230**	215	ug/l	4.3	BJ51901	14-Oct-05	15-Oct-05	EPA 8260B	
Benzene	**811**	2.15	"	"	"	"	"	"	
Ethylbenzene	**355**	2.15	"	"	"	"	"	"	
m&p-Xylene	**5.60**	4.30	"	"	"	"	"	"	
o-xylene	ND	2.15	"	"	"	"	"	"	
Toluene	**11.3**	8.60	"	"	"	"	"	"	
MTBE	**167**	2.15	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*89.6 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*101 %*	*70-130*		"	"	"	"	

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2331	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:22

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12 (5100011-10) Water Sampled: 13-Oct-05 11:13 Received: 14-Oct-05 16:23									
Gasoline (C6-C12)	**1560**	50.0	ug/l	1	BJ51901	14-Oct-05	14-Oct-05	EPA 8260B	
Benzene	**0.740**	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
m&p-Xylene	ND	1.00	"	"	"	"	"	"	
o-xylene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	**28.1**	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*70-130*	"	"	"	"	
Surrogate: Dibromofluoromethane		*88.6 %*		*70-130*	"	"	"	"	
Surrogate: Perdeuterotoluene		*105 %*		*70-130*	"	"	"	"	

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd. Oakland	
6620 Owens Drive, Suite A	Project Number: 2331	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:22

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJ51901 - EPA 5030 Water MS										
Blank (BJ51901-BLK1)				Prepared & Analyzed: 19-Oct-05						
Surrogate: 4-Bromofluorobenzene	*46.5*		*ug/l*	*50.0*		*93.0*	*70-130*			
Surrogate: Dibromofluoromethane	*48.5*		"	*50.0*		*97.0*	*70-130*			
Surrogate: Perdeuterotoluene	*48.8*		"	*50.0*		*97.6*	*70-130*			
Gasoline (C6-C12)	ND	50.0	"							
Benzene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
m&p-Xylene	ND	1.00	"							
o-xylene	ND	0.500	"							
Toluene	ND	2.00	"							
MTBE	ND	0.500	"							
LCS (BJ51901-BS1)				Prepared & Analyzed: 19-Oct-05						
Surrogate: 4-Bromofluorobenzene	*50.6*		*ug/l*	*50.0*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*45.2*		"	*50.0*		*90.4*	*70-130*			
Surrogate: Perdeuterotoluene	*51.6*		"	*50.0*		*103*	*70-130*			
Gasoline (C6-C12)	1600	50.0	"	2000		80.0	70-130			
Benzene	113	0.500	"	100		113	70-130			
Toluene	120	2.00	"	100		120	70-130			
MTBE	91.1	0.500	"	100		91.1	70-130			
LCS Dup (BJ51901-BSD1)				Prepared & Analyzed: 19-Oct-05						
Surrogate: 4-Bromofluorobenzene	*49.6*		*ug/l*	*50.0*		*99.2*	*70-130*			
Surrogate: Dibromofluoromethane	*45.1*		"	*50.0*		*90.2*	*70-130*			
Surrogate: Perdeuterotoluene	*51.8*		"	*50.0*		*104*	*70-130*			
Gasoline (C6-C12)	1620	50.0	"	2000		81.0	70-130	1.24	20	
Benzene	107	0.500	"	100		107	70-130	5.45	20	
Toluene	113	2.00	"	100		113	70-130	6.01	20	
MTBE	95.1	0.500	"	100		95.1	70-130	4.30	20	

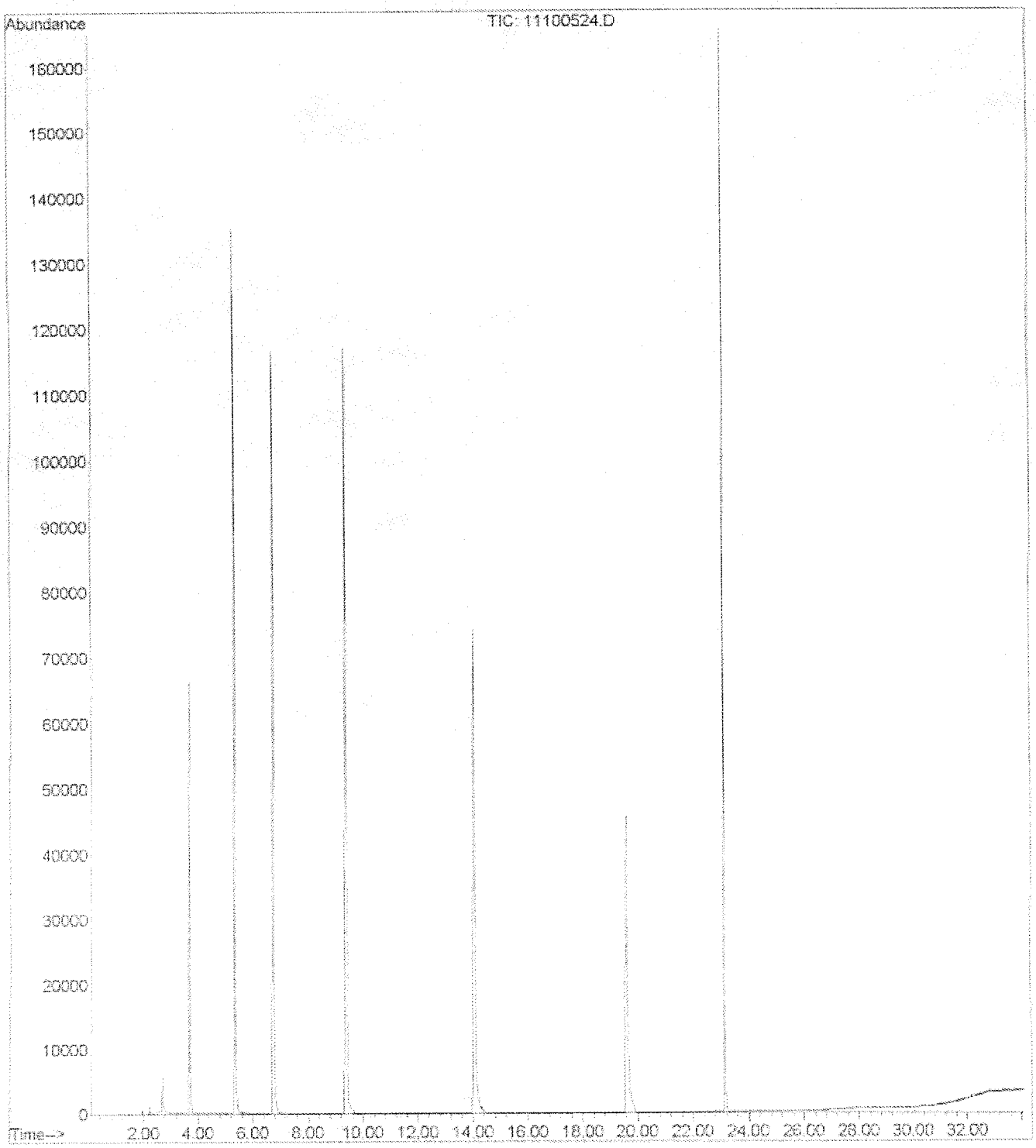
PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2331	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:22

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

File :C:\MSDChem\1\DATA\2005-Oct-11-0951.b\11100524.D
Operator :
Acquired : 12 Oct 2005 5:38 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BJ51901-BLK1
Misc Info :
Vial Number: 24



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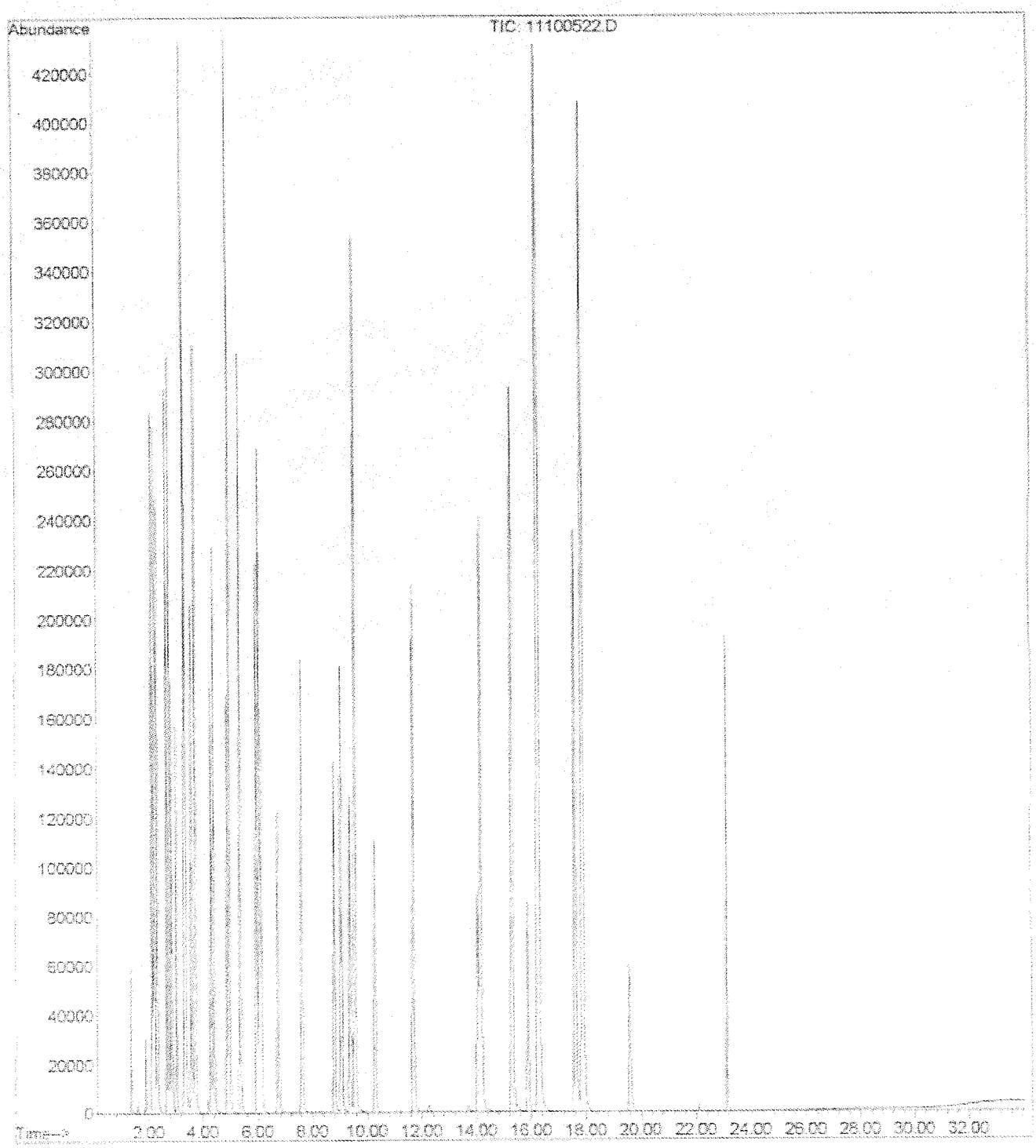
Instrument : PAL GCMS
Sample Name: BJ51901-BS1@voc
Misc Info :
Vial Number: 22



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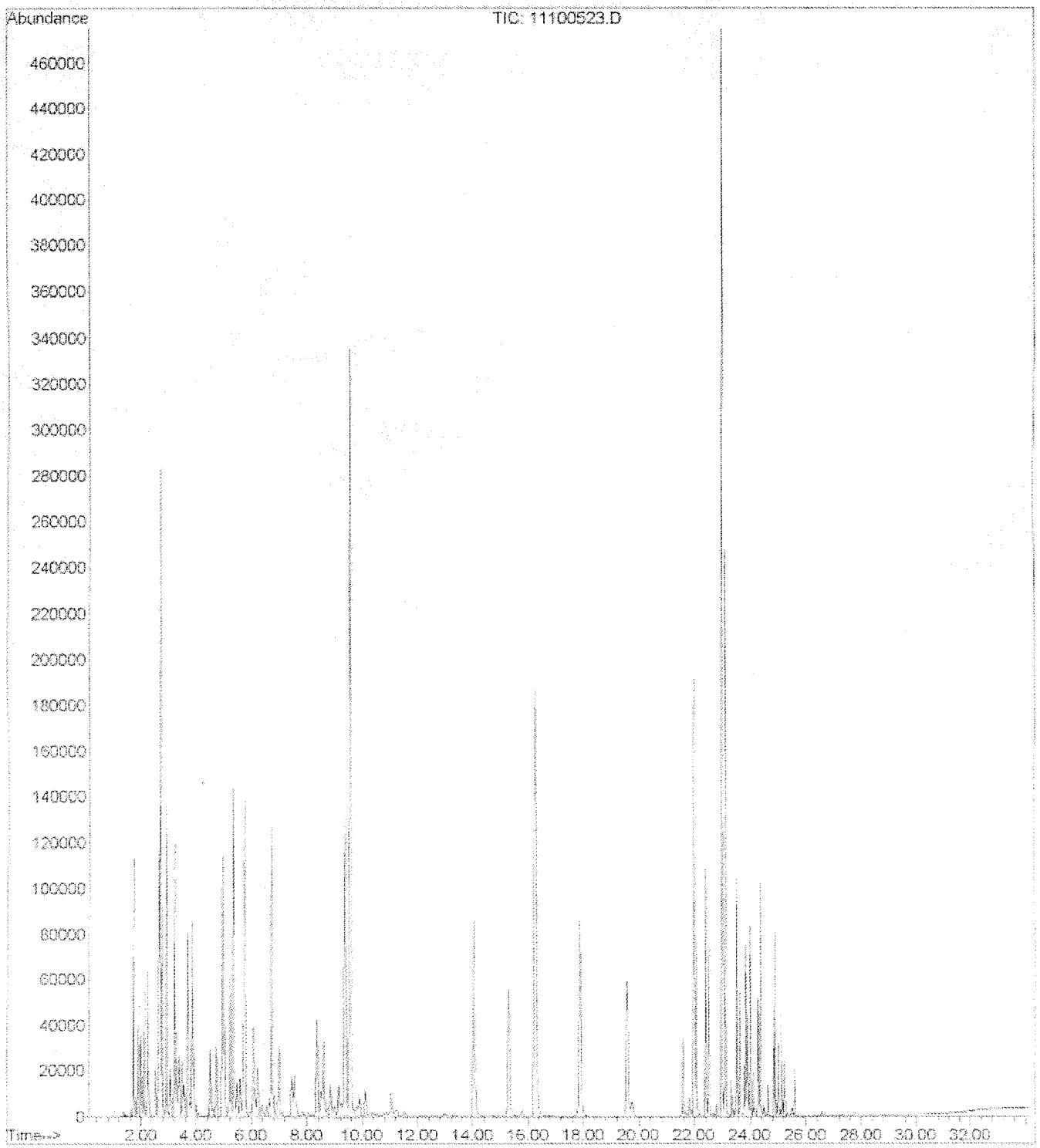
Acquired : 12 Oct 2005 4:53 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BJ51901-BS1@gas
Misc Info :
Vial Number: 23



Appendix D

Chain of Custody Forms and Laboratory Reports

for the

Groundwater Extraction Treatment System

PAL Pacific Analytical Laboratory
851 West Midway Ave. Suite 201
Alameda, CA 94501 Phone (510) 864-0364

25 October 2005

Mansour Sepehr
SOMA Environmental Engineering Inc.
6620 Owens Drive, Suite A
Pleasanton, CA 94588

RE: 3609 International Blvd, Oakland

Work Order Number: 5100012

This Laboratory report has been reviewed for technical correctness and completeness. This entire report was reviewed and approved by the Laboratory Director or the Director's designee, as verified by the following signature.

Sincerely,

Maiid Akhavan
Laboratorv Director

CHAIN OF CUSTODY FORM

Page ___ of ___

PAL Pacific Analytical Laboratory
851 West Midway Ave., Suite 201B
Alameda, CA 94501
510-864-0364 Telephone
510-864-0365 Fax

PAL Login# 5100012

Project No: 2333				Sampler: Bryan Tims / Mehran Nowroozi										Analyses/Method							
Project Name: 3609 International Blvd., Oakland				Report To: Joyce Bobek										TPHg 8015	BTEX+ MBE 8021 8260						
Project P.O.: ----				Company: SOMA Environmental Engineering, Inc.																	
Turnaround Time: Standard				Tel: 925-244-6600 Fax: 925-244-6601																	
		Sampling Date/Time		Matrix			# of Containers	Preservatives													
Lab No.	Sample ID	Date	Time	Soil	Water	Waste		HCL	H_2SO_4	HNO_3	ICE	Field Notes									
	Influent	10/17	2:45		*		3-VOAs	*			*	Grab Sample		*	*						
	GAC-1	10/17	2:30		*		3-VOAs	*			*	Grab Sample		*	*						
	Effluent	10/17	2:20		*		3-VOAs	*			*	Grab Sample		*	*						

Sampler Remarks:	Relinquished by:	Date/Time:	Received by:	Date/Time:
EDF output Required	M. Nowroozi	10/17/05	James Jennings	10/17/05 3:30 PM

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Influent	5100012-01	Water	17-Oct-05 14:45	17-Oct-05 17:04
GAC-1	5100012-02	Water	17-Oct-05 14:30	17-Oct-05 17:04
Effluent	5100012-03	Water	17-Oct-05 14:20	17-Oct-05 17:04

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:14

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Influent (5100012-01) Water Sampled: 17-Oct-05 14:45 Received: 17-Oct-05 17:04									
Gasoline (C6-C12)	**605**	215	ug/l	4.3	BJ52101	17-Oct-05	17-Oct-05	EPA 8260B	
Benzene	**132**	2.15	"	"	"	"	"	"	
Ethylbenzene	ND	2.15	"	"	"	"	"	"	
m&p-Xylene	**24.4**	4.30	"	"	"	"	"	"	
o-xylene	**27.2**	2.15	"	"	"	"	"	"	
Toluene	ND	8.60	"	"	"	"	"	"	
MTBE	**356**	2.15	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*70-130*		"	"	"	
Surrogate: Dibromofluoromethane		*89.6 %*		*70-130*		"	"	"	
Surrogate: Perdeuterotoluene		*101 %*		*70-130*		"	"	"	
GAC-1 (5100012-02) Water Sampled: 17-Oct-05 14:30 Received: 17-Oct-05 17:04									
Gasoline (C6-C12)	ND	50.0	ug/l	1	BJ52101	17-Oct-05	17-Oct-05	EPA 8260B	
Benzene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
m&p-Xylene	ND	1.00	"	"	"	"	"	"	
o-xylene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.6 %*		*70-130*		"	"	"	
Surrogate: Dibromofluoromethane		*91.2 %*		*70-130*		"	"	"	
Surrogate: Perdeuterotoluene		*100 %*		*70-130*		"	"	"	
Effluent (5100012-03) Water Sampled: 17-Oct-05 14:20 Received: 17-Oct-05 17:04									
Gasoline (C6-C12)	ND	50.0	ug/l	1	BJ52101	17-Oct-05	18-Oct-05	EPA 8260B	
Benzene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
m&p-Xylene	ND	1.00	"	"	"	"	"	"	
o-xylene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.4 %*		*70-130*		"	"	"	
Surrogate: Dibromofluoromethane		*91.6 %*		*70-130*		"	"	"	
Surrogate: Perdeuterotoluene		*99.6 %*		*70-130*		"	"	"	

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:14

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJ52101 - EPA 5030 Water MS										
Blank (BJ52101-BLK1)				Prepared & Analyzed: 21-Oct-05						
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/l*	*50.0*		*95.8*	*70-130*			
Surrogate: Dibromofluoromethane	*46.0*		"	*50.0*		*92.0*	*70-130*			
Surrogate: Perdeuterotoluene	*50.1*		"	*50.0*		*100*	*70-130*			
Gasoline (C6-C12)	ND	50.0	"							
Benzene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
m&p-Xylene	ND	1.00	"							
o-xylene	ND	0.500	"							
Toluene	ND	2.00	"							
MTBE	ND	0.500	"							
LCS (BJ52101-BS1)				Prepared & Analyzed: 21-Oct-05						
Surrogate: 4-Bromofluorobenzene	*49.8*		*ug/l*	*50.0*		*99.6*	*70-130*			
Surrogate: Dibromofluoromethane	*47.0*		"	*50.0*		*94.0*	*70-130*			
Surrogate: Perdeuterotoluene	*51.2*		"	*50.0*		*102*	*70-130*			
Gasoline (C6-C12)	1760	50.0	"	2000		88.0	70-130			
Benzene	115	0.500	"	100		115	70-130			
Toluene	119	2.00	"	100		119	70-130			
MTBE	104	0.500	"	100		104	70-130			
LCS Dup (BJ52101-BSD1)				Prepared & Analyzed: 21-Oct-05						
Surrogate: 4-Bromofluorobenzene	*46.3*		*ug/l*	*50.0*		*92.6*	*70-130*			
Surrogate: Dibromofluoromethane	*47.9*		"	*50.0*		*95.8*	*70-130*			
Surrogate: Perdeuterotoluene	*51.4*		"	*50.0*		*103*	*70-130*			
Gasoline (C6-C12)	1550	50.0	"	2000		77.5	70-130	12.7	20	
Benzene	113	0.500	"	100		113	70-130	1.75	20	
Toluene	111	2.00	"	100		111	70-130	6.96	20	
MTBE	95.9	0.500	"	100		95.9	70-130	8.10	20	

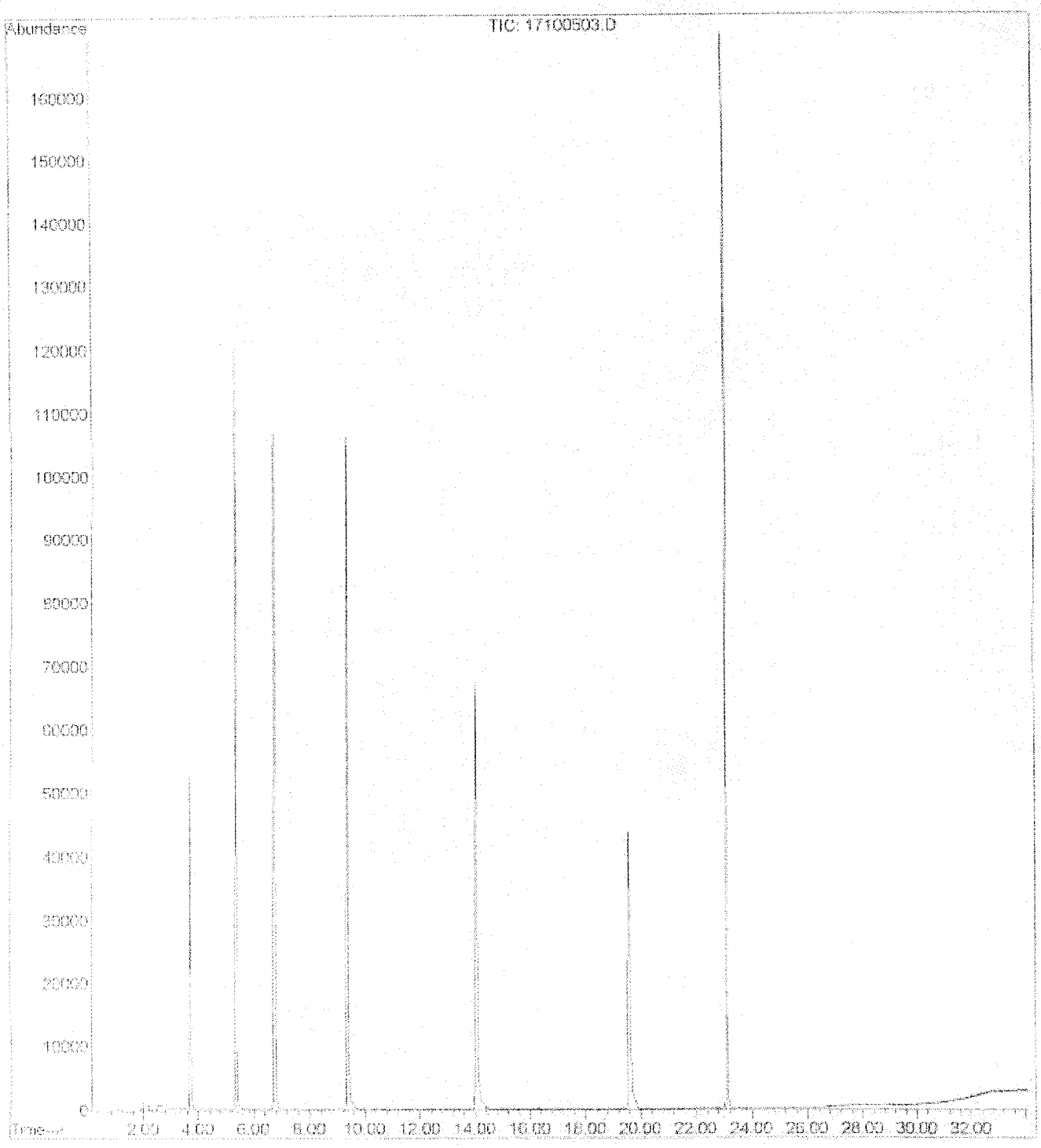
PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	25-Oct-05 13:14

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

```
File        :C:\MSDChem\1\DATA\2005-Oct-17-1346.b\17100503.D
Operator    :
Acquired    : 17 Oct 2005    3:35 pm using AcqMethod VOCOXY.M
Instrument  :    PAL GCMS
Sample Name: BJ52101-BLK1
Misc Info   :
Vial Number: 3
```



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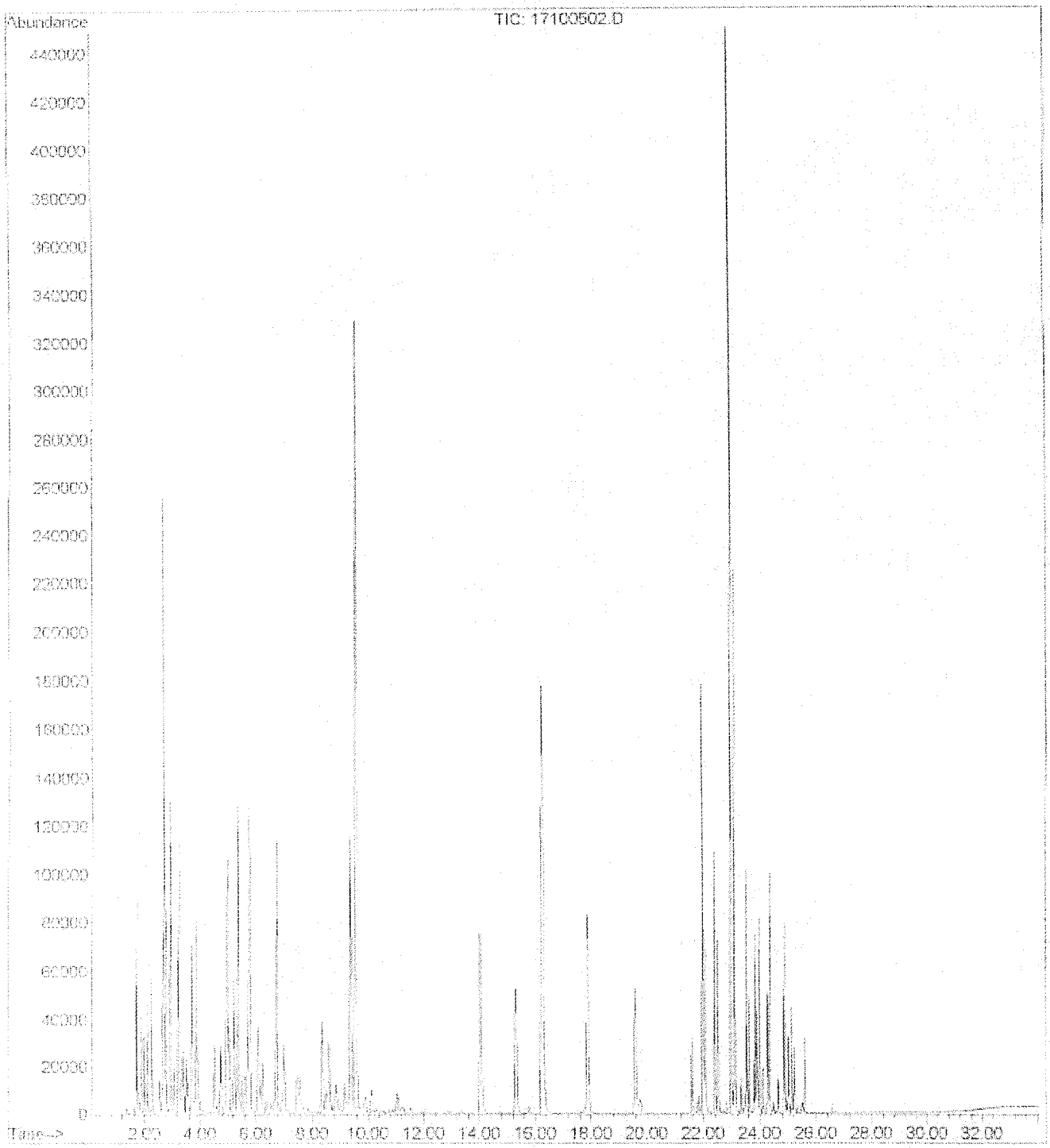
Operator :
Acquired : 17 Oct 2005 2:48 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BJ52101-BS1@gas
Misc Info :
Vial Number: 2



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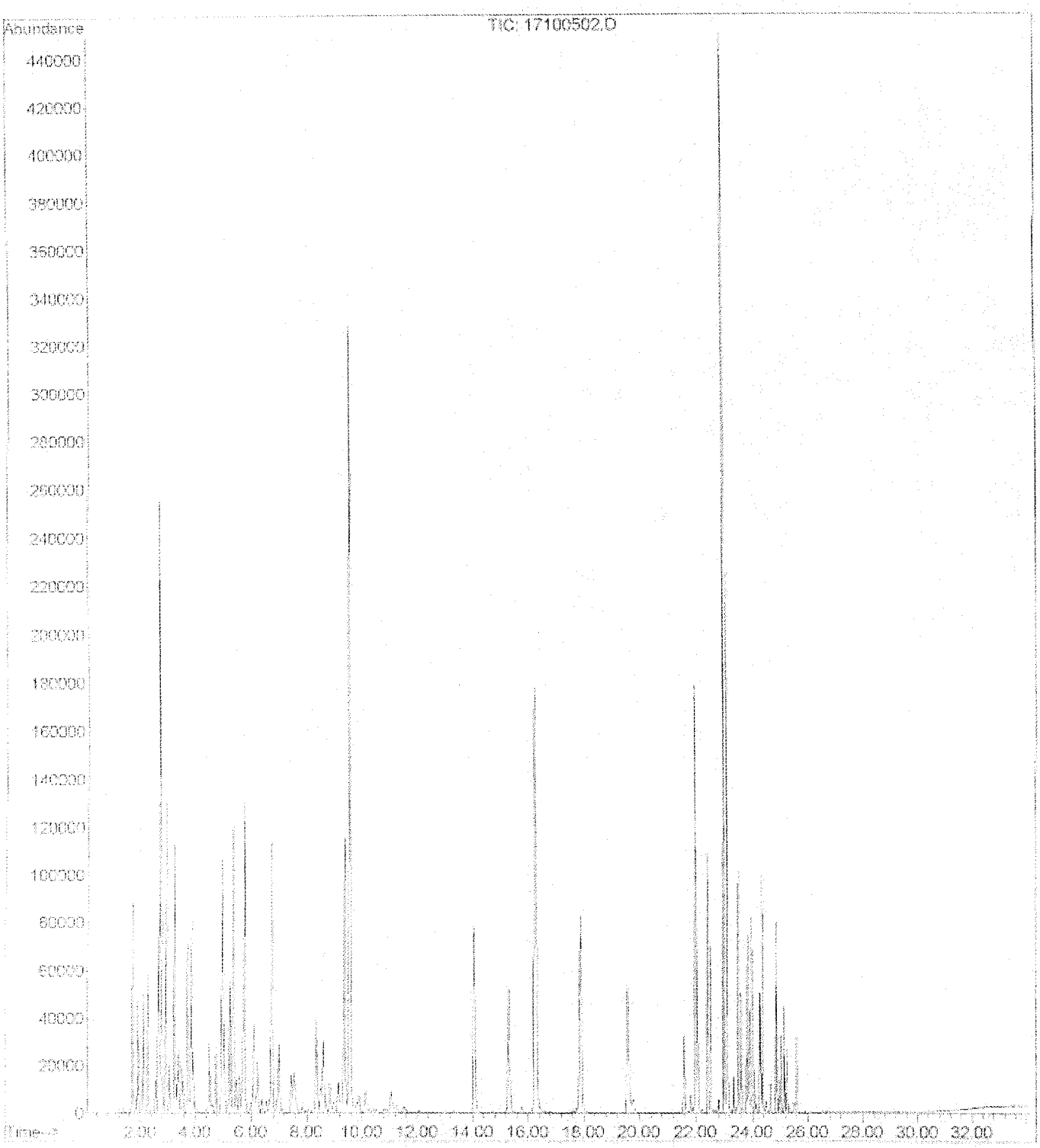
Operator :
Acquired : 17 Oct 2005 2:48 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BJ52101-BS1@gas
Misc Info :
Vial Number: 2



PAL Pacific Analytical Laboratory
851 West Midway Ave Suite 201
Alameda, CA 94501 Phone (510) 864-0364

19 September 2005

Mansour Sepehr
SOMA Environmental Engineering Inc.
6620 Owens Drive, Suite A
Pleasanton, CA 94588

RE: 3609 International Blvd, Oakland

Work Order Number: 5090003

This Laboratory report has been reviewed for technical correctness and completeness. This entire report was reviewed and approved by the Laboratory Director or the Director's designee, as verified by the following signature.

Sincerely,

Majid Akhavan
Laboratory Director

CHAIN OF CUSTODY FORM

PAL Pacific Analytical Laboratory
851 West Midway Ave., Suite 201B
Alameda, CA 94501
510-864-0364 Telephone
510-864-0365 Fax

PAL
Login# 5090003

Project No: 2333	Sampler: Mehran Nowroozi
Project Name: 3609 International Blvd. Oakland	Report To: Joyce Bobek
Project P.O.: ---	Company: SOMA Environmental Engineering, Inc.
Turnaround Time: Standard	Tel: 925-244-6600 Fax: 925-244-6601

Analyses/Method: TPHg, BTEX, MtBE 8260B

Lab No.	Sample ID	Sampling Date	Sampling Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservatives: HCL	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: ICE	Field Notes	TPHg, BTEX, MtBE 8260B							
	Influent	9/12/05	11:13 Am		X		3-VOAs	X			X	Grab Sample	X							
	GAC-1	↓	11:26 Am		X		3-VOAs	X			X	Grab Sample	X							
	PSP-1	↓	11:15 Am		X		3-VOAs	X			X	Grab Sample	X							

Sampler Remarks:	Relinquished by:	Date/Time:	Received by:	Date/Time:
EDF Output Required	M. Nowroozi	9/12/05 3:15	James Zaninger	9/12/05 3:05 pm

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	19-Sep-05 09:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Influent	5090003-01	Water	12-Sep-05 11:30	12-Sep-05 14:13
GAC-1	5090003-02	Water	12-Sep-05 11:20	12-Sep-05 14:13
PSP-1	5090003-03	Water	12-Sep-05 11:15	12-Sep-05 14:13

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	19-Sep-05 09:59

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Influent (5090003-01) Water Sampled: 12-Sep-05 11:30 Received: 12-Sep-05 14:13									
Gasoline (C6-C12)	**1680**	215	ug/l	4.3	BI51901	12-Sep-05	15-Sep-05	EPA 8260B	
Benzene	**638**	2.15	"	"	"	"	"	"	
Ethylbenzene	**4.64**	2.15	"	"	"	"	"	"	
m&p-Xylene	**48.3**	4.30	"	"	"	"	"	"	
o-xylene	ND	2.15	"	"	"	"	"	"	
Toluene	ND	8.60	"	"	"	"	"	"	
MTBE	**270**	2.15	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.6 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.8 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*94.6 %*	*70-130*		"	"	"	"	
GAC-1 (5090003-02) Water Sampled: 12-Sep-05 11:20 Received: 12-Sep-05 14:13									
Gasoline (C6-C12)	ND	50.0	ug/l	1	BI51901	12-Sep-05	15-Sep-05	EPA 8260B	
Benzene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
m&p-Xylene	ND	1.00	"	"	"	"	"	"	
o-xylene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.4 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*94.8 %*	*70-130*		"	"	"	"	
PSP-1 (5090003-03) Water Sampled: 12-Sep-05 11:15 Received: 12-Sep-05 14:13									
Gasoline (C6-C12)	ND	50.0	ug/l	1	BI51901	12-Sep-05	15-Sep-05	EPA 8260B	
Benzene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
m&p-Xylene	ND	1.00	"	"	"	"	"	"	
o-xylene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.6 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*94.8 %*	*70-130*		"	"	"	"	

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	19-Sep-05 09:59

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	19-Sep-05 09:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BI51901 - EPA 5030 Water MS										
Blank (BI51901-BLK1)				Prepared & Analyzed: 19-Sep-05						
Surrogate: 4-Bromofluorobenzene	*42.5*		*ug/l*	*50.0*		*85.0*	*70-130*			
Surrogate: Dibromofluoromethane	*52.1*		"	*50.0*		*104*	*70-130*			
Surrogate: Perdeuterotoluene	*47.4*		"	*50.0*		*94.8*	*70-130*			
Gasoline (C6-C12)	ND	50.0	"							
Benzene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
m&p-Xylene	ND	1.00	"							
o-xylene	ND	0.500	"							
Toluene	ND	2.00	"							
MTBE	ND	0.500	"							
LCS (BI51901-BS1)				Prepared & Analyzed: 19-Sep-05						
Surrogate: 4-Bromofluorobenzene	*46.3*		*ug/l*	*50.0*		*92.6*	*70-130*			
Surrogate: Dibromofluoromethane	*49.0*		"	*50.0*		*98.0*	*70-130*			
Surrogate: Perdeuterotoluene	*45.1*		"	*50.0*		*90.2*	*70-130*			
Gasoline (C6-C12)	1950	50.0	"	2000		97.5	70-130			
Benzene	106	0.500	"	100		106	70-130			
Toluene	111	2.00	"	100		111	70-130			
MTBE	118	0.500	"	100		118	70-130			
LCS Dup (BI51901-BSD1)				Prepared & Analyzed: 19-Sep-05						
Surrogate: 4-Bromofluorobenzene	*47.7*		*ug/l*	*50.0*		*95.4*	*70-130*			
Surrogate: Dibromofluoromethane	*49.6*		"	*50.0*		*99.2*	*70-130*			
Surrogate: Perdeuterotoluene	*44.1*		"	*50.0*		*88.2*	*70-130*			
Gasoline (C6-C12)	1640	50.0	"	2000		82.0	70-130	17.3	20	
Benzene	106	0.500	"	100		106	70-130	0.00	20	
Toluene	111	2.00	"	100		111	70-130	0.00	20	
MTBE	116	0.500	"	100		116	70-130	1.71	20	

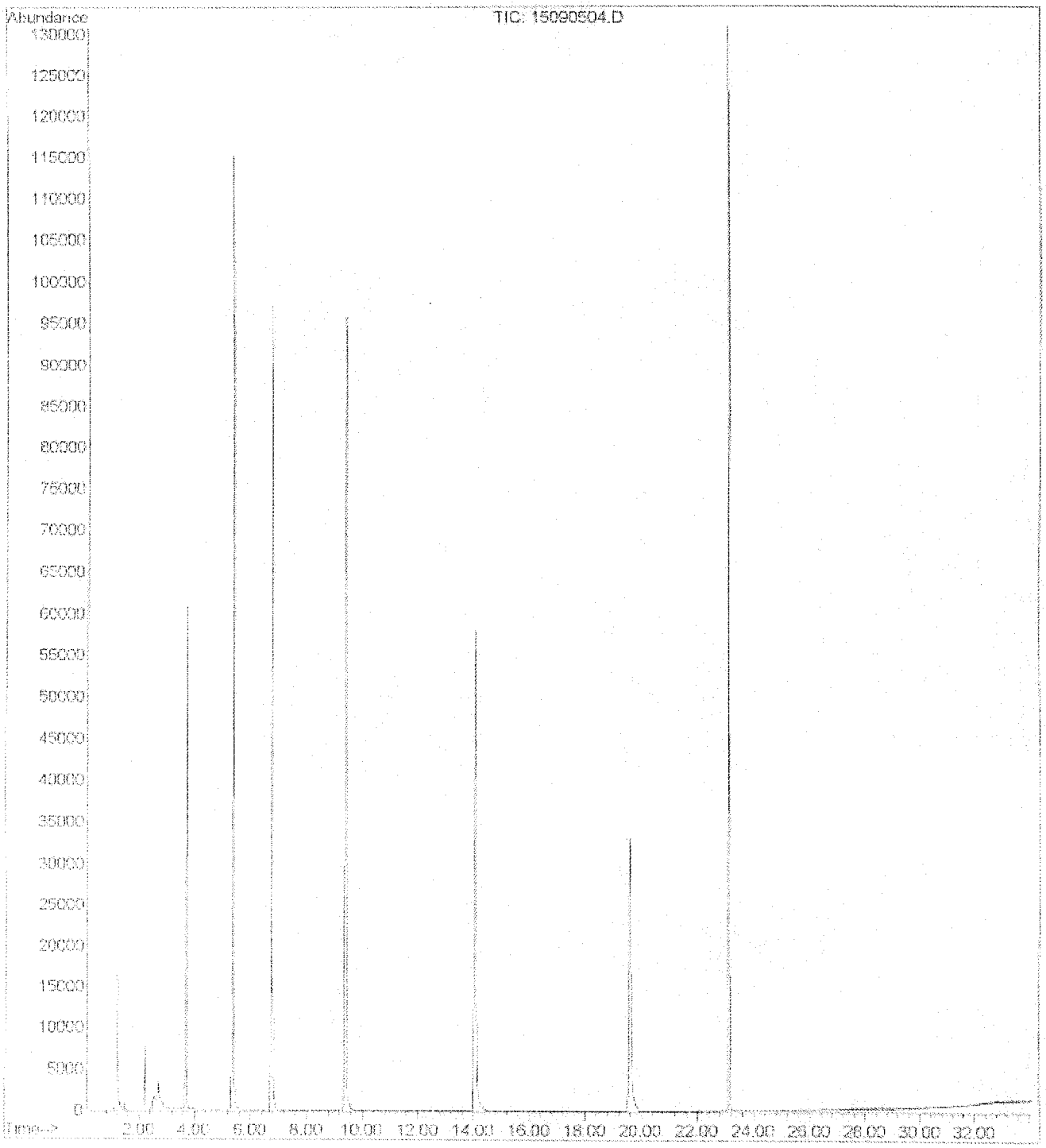
PAL

SOMA Environmental Engineering Inc.	Project: 3609 International Blvd, Oakland	
6620 Owens Drive, Suite A	Project Number: 2333	**Reported:**
Pleasanton CA, 94588	Project Manager: Mansour Sepehr	19-Sep-05 09:59

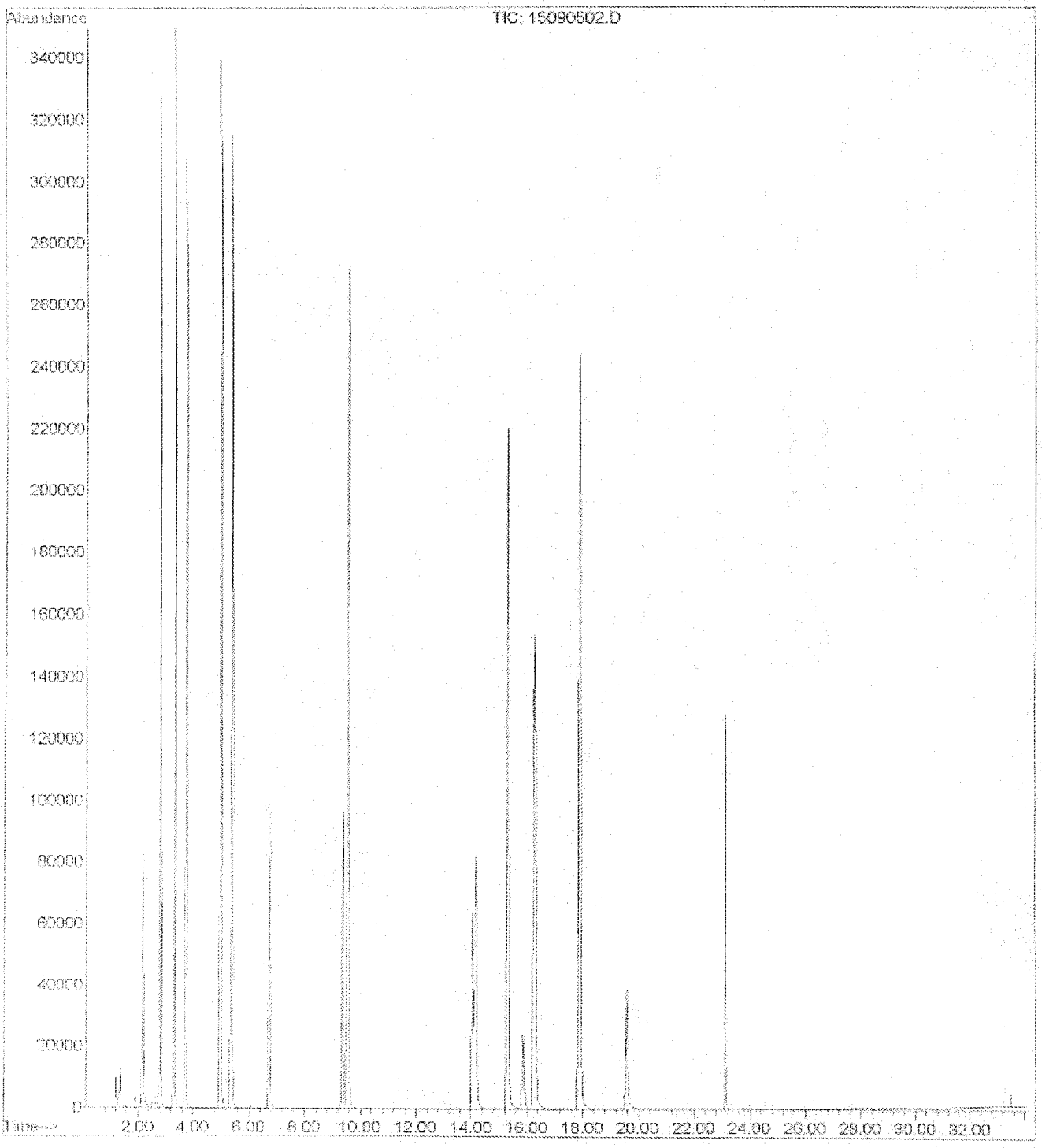
Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

File : C:\MSDChem\1\DATA\2005-Sep-15-0948.b\15090504.D
Operator :
Acquired : 15 Sep 2005 3:29 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BIS1901-BLK1
Misc Info :
Vial Number: 4



File : C:\MSDChem\1\DATA\2005-Sep-15-0948.b\15090502.D
Operator :
Acquired : 15 Sep 2005 1:55 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BI51901-BS1@voc
Misc Info :
Vial Number: 2



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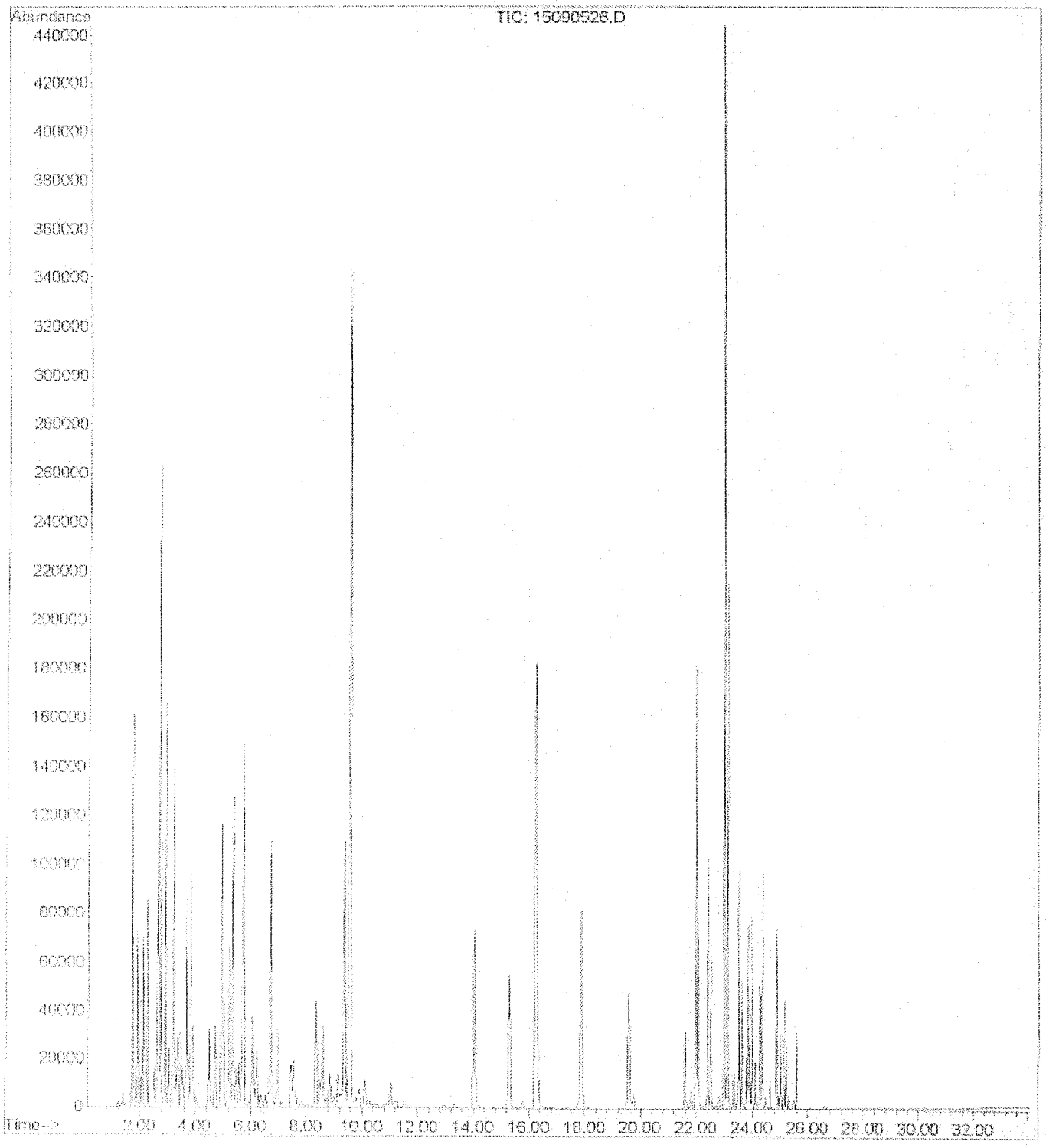
File         :C:\MSDChem\1\DATA\2005-Sep-15-0948.b\15090526.D
Operator     :
Acquired     : 16 Sep 2005  11:25 am using AcqMethod VOCOXY.M
Instrument   :    PAL GCMS
Sample Name: BT51901-BS1
Misc Info    :
Vial Number: 26
```



EAST BAY
MUNICIPAL UTILITY DISTRICT

NOTIFICATION OF EBMUD TEST RESULTS

DAVID R. WILLIAMS
DIRECTOR OF WASTEWATER

October 21, 2005

Mr. Abolghassem Razi
Tony's Express Auto Service
3609 International Blvd
Oakland, CA 94601

Dear Mr. Razi:

Re: Wastewater Discharge Permit No. 50427421
Discharge Location - 3609 International Blvd., Oakland

East Bay Municipal Utility District (EBMUD) inspected Tony's Express Auto Service and sampled the groundwater discharge on September 6, 2005. The measured parameters are in compliance with your Wastewater Discharge Permit. The test results of the samples and corresponding discharge Permit limitations are shown in the table below.

Date	Location	Sample No.	Type	Parameter	Result	Daily Limit
09/06/05	Side Sewer 1	L122804-1	grab	Benzene	< 0.00005	0.0050
09/06/05	Side Sewer 1	L122804-1	grab	Ethyl Benzene	< 0.00008	0.0050
09/06/05	Side Sewer 1	L122804-1	grab	Toluene	< 0.00007	0.0050
09/06/05	Side Sewer 1	L122804-1	grab	Total Xylenes	< 0.00033	0.0050

Note: All units are mg/L .

Please call me at (510) 287-1618 if you have any questions.

Sincerely,

MOLLY ONG
Wastewater Control Representative

cc: Mr. Mansour Sepehr
SOMA Environmental Engineering
6620 Owens Drive,Suite A , Pleasanton, CA 94588

MKO:mko

EBMUD Laboratory Analytical Report

✓ PIMS

RECEIVED
SEP 19 2005
ENVIRONMENTAL SERVICES DIV.

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
PO Box 24055, MS 59, Oakland, CA 94623
Phone (510)287-1432 Fax (510)465-5462

California Environmental Laboratory Accreditation Program Certificate Number 1060

Laboratory Report - L122804

LSR # - B941-9911-2 Project Title: Tonys Express Auto Service - TONY 1 GW-lo; ord-311

Report generated on: Sep 16, 2005 01:16 pm

2 - Samples received by the lab on: Sep 06 2005, 12:20 pm
) - Lost Analyses
) - Hold Time Exceedences
Turn-around-time met

KENNETH GERSTMAN

WILLIAM M. ELLGAS 5/16/05

Please route this report to:

Client PM: PATRICIA MAGUIRE

Samples included in this report:

Sample	Type Collected	Site	Locator	ClientID
L122804-1	GRAB 06-Sep-2005 11:20	IW S	TONY 1	-
L122804 2	QCFB 06-Sep-2005 11:20	IW S	TONY 1	-

Legend to the laboratory qualifiers used in this report:
D - Surrogate spike outside of control limits
N - Spike recovery outside of control limits
U - Analyte not detected
Qualifiers for subcontract work - See textvalue for description

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
PO Box 24055, MS 59, Oakland, CA 94623
Phone (510)287-1432 Fax (510)465-5462

Analytical Results Report

LSR#: B941-9911-2 Tonys Express Auto Service - TONY 1 GW-lo; ord-311
Site: IW S Industrial Waste - South Interceptor
cator: TONY 1 Tony's Express Auto Service, #50427421 Located at 3609 International Blvd, Oakland; PSP #1
b ID: L122804-1 (P119808-1)
ample Type: GRAB (Instantaneous Grab)
Date Collected: Sep 06 2005, 11:20am Sample collector: C Spencer
Date Received: Sep 06 2005, 12:20pm Sample receiver: JLI
mple Comments:

thod Reference / rameter	Qualifier	Result	Units	Dilution	MDL	Matrix / RL/ML	Tag
Method: EPA 624 - Volatile Organics: GC/MS						WasteH2O	
TARGET ANALYTES							
CHLORODIFLUOROMETHANE	U	0.090	ug/L	1	0.09		
LOROMETHANE	U	0.10	ug/L	1	0.1		
VINYL CHLORIDE	U	0.070	ug/L	1	0.07		
1,3-BUTADIENE	U	0.20	ug/L	1	0.2		
OMOMETHANE	U	0.21	ug/L	1	0.21		
LOROETHANE	U	0.19	ug/L	1	0.19		
FLUOROTRICHLOROMETHANE	U	0.15	ug/L	1	0.15		
ETHYL ETHER	U	0.50	ug/L	1	0.5		
ROLEIN	U	20	ug/L	1	20		
1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.10	ug/L	1	0.1		
1-DICHLOROETHENE	U	0.050	ug/L	1	0.05		
ACETONE	U	6.0	ug/L	1	6		
IODOMETHANE	U	0.50	ug/L	1	0.5		
RBON DISULFIDE	U	0.10	ug/L	1	0.1		
LYL CHLORIDE	U	0.50	ug/L	1	0.5		
METHYLENE CHLORIDE	U	0.070	ug/L	1	0.07		
TERT-BUTYL ALCOHOL	U	25	ug/L	1	25		
RYLONITRILE	U	1.0	ug/L	1	1		
THYL-T-BUTYL ETHER	U	0.50	ug/L	1	0.5		
ANS-1,2-DICHLOROETHENE	U	0.14	ug/L	1	0.14		
DIISOPROPYL ETHER	U	0.50	ug/L	1	0.5		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
1-DICHLOROETHANE	U	0.070	ug/L	1	0.07		
HYL-T-BUTYL ETHER	U	0.50	ug/L	1	0.5		
2-BUTANONE	U	3.0	ug/L	1	3		
ETHYL ACETATE	U	0.10	ug/L	1	0.1		
C-DICHLOROPROPANE	U	0.17	ug/L	1	0.17		
S-1,2-DICHLOROETHENE	U	0.050	ug/L	1	0.05		
THYLACRYLATE	U	0.50	ug/L	1	0.5		
METHYLACRYLONITRILE	U	0.50	ug/L	1	0.5		
BROMOCHLOROMETHANE	U	0.14	ug/L	1	0.14		
TRAHYDROFURAN	U	10	ug/L	1	10		
LOROFORM	U	0.070	ug/L	1	0.07		
1,1,1-TRICHLOROETHANE	U	0.080	ug/L	1	0.08		
1-CHLOROBUTANE	U	0.50	ug/L	1	0.5		
1-DICHLOROPROPENE	U	0.070	ug/L	1	0.07		
RBON TETRACHLORIDE	U	0.14	ug/L	1	0.14		
NZENE	U	0.050	ug/L	1	0.05		
1,2-DICHLOROETHANE	U	0.060	ug/L	1	0.06		
TERT-AMYL METHYL ETHER	U	0.50	ug/L	1	0.5		
ICHLOROETHENE	U	0.050	ug/L	1	0.05		
2-DICHLOROPROPANE	U	0.12	ug/L	1	0.12		
METHYLMETHACRYLATE	U	0.50	ug/L	1	0.5		
DIBROMOMETHANE	U	0.090	ug/L	1	0.09		
OMODICHLOROMETHANE	U	0.040	ug/L	1	0.04		
CHLOROETHYLVINYL ETHER	U	0.10	ug/L	1	0.1		
NITROPROPANE	U	0.50	ug/L	1	0.5		
CHLOROACETONITRILE	U	10	ug/L	1	10		
CIS-1,3-DICHLOROPROPENE	U	0.070	ug/L	1	0.07		
METHYL-2-PENTANONE	U	0.40	ug/L	1	0.4		
1-DICHLORO-2-PROPANONE	U	1.0	ug/L	1	1		
TOLUENE	U	0.070	ug/L	1	0.07		

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
PO Box 24055, MS 59, Oakland, CA 94623
Phone (510)287-1432 Fax (510)465-5462

Analytical Results Report

LSR#: B941-9911-2 Tonys Express Auto Service - TONY 1 GW-lo; ord-311
Site: IW S Industrial Waste - South Interceptor
Locator: TONY 1 Tony's Express Auto Service, #50427421 Located at 3609 International Blvd, Oakland; PSP #1
Lab ID: L122804-1 (P119808-1)
Sample Type: GRAB (Instantaneous Grab)
Date Collected: Sep 06 2005, 11:20am Sample collector: C Spencer
Date Received: Sep 06 2005, 12:20pm Sample receiver: JLI
Sample Comments:

Method Reference

Parameter	Qualifier	Result	Units	Dilution	MDL	Matrix Tag RL/ML
TRANS-1,3-DICHLOROPROPENE	U	0.020	ug/L	1	0.02	
ETHYLMETHACRYLATE	U	0.50	ug/L	1	0.5	
1,1,2-TRICHLOROETHANE	U	0.030	ug/L	1	0.03	
TETRACHLOROETHENE	U	0.11	ug/L	1	0.11	
1,3-DICHLOROPROPANE	U	0.070	ug/L	1	0.07	
2-HEXANONE	U	0.10	ug/L	1	0.1	
DIBROMOCHLOROMETHANE	U	0.060	ug/L	1	0.06	
ETHYLENE DIBROMIDE	U	0.10	ug/L	1	0.1	
CHLOROBENZENE	U	0.050	ug/L	1	0.05	
1,1,1,2-TETRACHLOROETHANE	U	0.030	ug/L	1	0.03	
ETHYL BENZENE	U	0.080	ug/L	1	0.08	
M+P XYLENES	U	0.22	ug/L	1	0.22	
O-XYLENE	U	0.11	ug/L	1	0.11	
STYRENE	U	0.080	ug/L	1	0.08	
BROMOFORM	U	0.10	ug/L	1	0.1	
ISOPROPYLBENZENE	U	0.11	ug/L	1	0.11	
BROMOBENZENE	U	0.080	ug/L	1	0.08	
TRANS-1,4-DICHLORO-2-BUTENE	U	0.50	ug/L	1	0.5	
1,1,2,2-TETRACHLOROETHANE	U	0.11	ug/L	1	0.11	
1,2,3-TRICHLOROPROPANE	U	0.080	ug/L	1	0.08	
N-PROPYLBENZENE	U	0.090	ug/L	1	0.09	
O-CHLOROTOLUENE	U	0.12	ug/L	1	0.12	
P-CHLOROTOLUENE	U	0.080	ug/L	1	0.08	
1,3,5-TRIMETHYLBENZENE	U	0.18	ug/L	1	0.18	
TERT-BUTYLBENZENE	U	0.080	ug/L	1	0.08	
PENTACHLOROETHANE	U	0.20	ug/L	1	0.2	
1,2,4-TRIMETHYLBENZENE	U	0.35	ug/L	1	0.35	
SEC-BUTYLBENZENE	U	0.10	ug/L	1	0.1	
1,3-DICHLOROBENZENE	U	0.060	ug/L	1	0.06	
P-ISOPROPYLTOLUENE	U	0.080	ug/L	1	0.08	
1,4-DICHLOROBENZENE	U	0.040	ug/L	1	0.04	
1,2-DICHLOROBENZENE	U	0.050	ug/L	1	0.05	
N-BUTYLBENZENE	U	0.10	ug/L	1	0.1	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.60	ug/L	1	0.6	
HEXACHLOROETHANE	U	1.0	ug/L	1	1	
DIBROMOCHLOROPROPANE	U	0.47	ug/L	1	0.47	
NITROBENZENE	U	20	ug/L	1	20	
1,2,4-TRICHLOROBENZENE	U	0.11	ug/L	1	0.11	
HEXACHLOROBUTADIENE	U	0.12	ug/L	1	0.12	
NAPHTHALENE	U	0.10	ug/L	1	0.1	
1,2,3-TRICHLOROBENZENE	U	0.11	ug/L	1	0.11	
INTERNAL STANDARD						
FLUOROBENZENE		75.4	% recovery	1		
D5-CHLOROBENZENE	N	48.6	% recovery	1		
D4-1,4-DICHLOROBENZENE	N	43.6	% recovery	1		
SURROGATE						
DIBROMOFLUOROMETHANE		114	% recovery	1		
1,4-DICHLOROETHANE	D	135	% recovery	1		
D8-TOLUENE		99.4	% recovery	1		
4-BROMOFLUOROBENZENE		100	% recovery	1		

Run ID: R134074 / Work Group No.: WG123743
Prep Date1: 08-SEP-05 Analyzed 09-Sep-05 05:10

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
PO Box 24055, MS 59, Oakland, CA 94623
Phone (510)287-1432 Fax (510)465-5462

Analytical Results Report

LSR#: B941-9911-2 Tonys Express Auto Service - TONY 1 GW-lo; ord-311
Site: IW S Industrial Waste - South Interceptor
cator: TONY 1 Tony's Express Auto Service, #50427421 Located at 3609 International Blvd, Oakland; PSP #1
b ID: L122804-2 (P119808-2)
mple Type: QCFB (Field Blank Grab)
Date Collected: Sep 06 2005, 11:20am Sample collector: C Spencer
Date Received: Sep 06 2005, 12:20pm Sample receiver: JLI
mple Comments: QCFB for L122804-1; prepared by JH on 30-aug-05, Acid Lot 030205/L118774-1

thod Reference rameter	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
Method: EPA 624 - Volatile Organics: GC/MS							
TARGET ANALYTES						WasteH2O	
CHLORODIFLUOROMETHANE	U	0.090	ug/L	1	0.09		
LOROMETHANE	U	0.10	ug/L	1	0.1		
VINYL CHLORIDE	U	0.070	ug/L	1	0.07		
1,3-BUTADIENE	U	0.20	ug/L	1	0.2		
OMOMETHANE	U	0.21	ug/L	1	0.21		
LOROETHANE	U	0.19	ug/L	1	0.19		
UOROTRICHLOROMETHANE	U	0.15	ug/L	1	0.15		
ETHYL ETHER	U	0.50	ug/L	1	0.5		
ROLEIN	U	20	ug/L	1	20		
1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.10	ug/L	1	0.1		
1-DICHLOROETHENE	U	0.050	ug/L	1	0.05		
ACETONE	U	6.0	ug/L	1	6		
IODOMETHANE	U	0.50	ug/L	1	0.5		
RBON DISULFIDE	U	0.10	ug/L	1	0.1		
LYL CHLORIDE	U	0.50	ug/L	1	0.5		
METHYLENE CHLORIDE	U	0.070	ug/L	1	0.07		
TERT-BUTYL ALCOHOL	U	25	ug/L	1	25		
RYLONITRILE	U	1.0	ug/L	1	1		
THYL-T-BUTYL ETHER	U	0.50	ug/L	1	0.5		
ANS-1,2-DICHLOROETHENE	U	0.14	ug/L	1	0.14		
DIISOPROPYL ETHER	U	0.50	ug/L	1	0.5		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
1-DICHLOROETHANE	U	0.070	ug/L	1	0.07		
HYL-T-BUTYL ETHER	U	0.50	ug/L	1	0.5		
-BUTANONE	U	3.0	ug/L	1	3		
ETHYL ACETATE	U	0.10	ug/L	1	0.1		
C-DICHLOROPROPANE	U	0.17	ug/L	1	0.17		
S-1,2-DICHLOROETHENE	U	0.050	ug/L	1	0.05		
THYLACRYLATE	U	0.50	ug/L	1	0.5		
METHYLACRYLONITRILE	U	0.50	ug/L	1	0.5		
BROMOCHLOROMETHANE	U	0.14	ug/L	1	0.14		
TRAHYDROFURAN	U	10	ug/L	1	10		
LOROFORM	U	0.070	ug/L	1	0.07		
1,1,1-TRICHLOROETHANE	U	0.080	ug/L	1	0.08		
1-CHLOROBUTANE	U	0.50	ug/L	1	0.5		
1-DICHLOROPROPENE	U	0.070	ug/L	1	0.07		
RBON TETRACHLORIDE	U	0.14	ug/L	1	0.14		
NZENE	U	0.050	ug/L	1	0.05		
1,2-DICHLOROETHANE	U	0.060	ug/L	1	0.06		
TERT-AMYL METHYL ETHER	U	0.50	ug/L	1	0.5		
ICHLOROETHENE	U	0.050	ug/L	1	0.05		
2-DICHLOROPROPANE	U	0.12	ug/L	1	0.12		
METHYLMETHACRYLATE	U	0.50	ug/L	1	0.5		
DIBROMOMETHANE	U	0.090	ug/L	1	0.09		
OMODICHLOROMETHANE	U	0.040	ug/L	1	0.04		
CHLOROETHYLVINYL ETHER	U	0.10	ug/L	1	0.1		
NITROPROPANE	U	0.50	ug/L	1	0.5		
CHLOROACETONITRILE	U	10	ug/L	1	10		
IS-1,3-DICHLOROPROPENE	U	0.070	ug/L	1	0.07		
METHYL-2-PENTANONE	U	0.40	ug/L	1	0.4		
-DICHLORO-2-PROPANONE	U	1.0	ug/L	1	1		
TOLUENE	U	0.070	ug/L	1	0.07		

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
PO Box 24055, MS 59, Oakland, CA 94623
Phone (510)287-1432 Fax (510)465-5462

Analytical Results Report

SR#: B941-9911-2 Tonys Express Auto Service - TONY 1 GW-lo; ord-311
ite: IW S Industrial Waste - South Interceptor
Locator: TONY 1 Tony's Express Auto Service, #50427421 Located at 3609 International Blvd, Oakland; PSP #1
Lab ID: L122804-2 (P119808-2)
ample Type: QCFB (Field Blank Grab)
ate Collected: Sep 06 2005, 11:20am Sample collector: C Spencer
ate Received: Sep 06 2005, 12:20pm Sample receiver: JLI
Sample Comments: QCFB for L122804 1; prepared by JH on 30 aug-05, Acid Lot 030205/L118774-1

Method Reference

Parameter	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
RANS-1,3-DICHLOROPROPENE	U	0.020	ug/L	1	0.02		
THYLMETHACRYLATE	U	0.50	ug/L	1	0.5		
,1,2-TRICHLOROETHANE	U	0.030	ug/L	1	0.03		
TETRACHLOROETHENE	U	0.11	ug/L	1	0.11		
,3-DICHLOROPROPANE	U	0.070	ug/L	1	0.07		
-HEXANONE	U	0.10	ug/L	1	0.1		
IBROMOCHLOROMETHANE	U	0.060	ug/L	1	0.06		
ETHYLENE DIBROMIDE	U	0.10	ug/L	1	0.1		
CHLOROBENZENE	U	0.050	ug/L	1	0.05		
,1,1,2-TETRACHLOROETHANE	U	0.030	ug/L	1	0.03		
THYL BENZENE	U	0.080	ug/L	1	0.08		
M+P XYLENES	U	0.22	ug/L	1	0.22		
O-XYLENE	U	0.11	ug/L	1	0.11		
TYRENE	U	0.080	ug/L	1	0.08		
ROMOFORM	U	0.10	ug/L	1	0.1		
SOPROPYLBENZENE	U	0.11	ug/L	1	0.11		
BROMOBENZENE	U	0.080	ug/L	1	0.08		
TRANS-1,4-DICHLORO 2-BUTENE	U	0.50	ug/L	1	0.5		
,1,2,2-TETRACHLOROETHANE	U	0.11	ug/L	1	0.11		
,2,3-TRICHLOROPROPANE	U	0.080	ug/L	1	0.08		
N-PROPYLBENZENE	U	0.090	ug/L	1	0.09		
O-CHLOROTOLUENE	U	0.12	ug/L	1	0.12		
P-CHLOROTOLUENE	U	0.080	ug/L	1	0.08		
,3,5-TRIMETHYLBENZENE	U	0.18	ug/L	1	0.18		
ERT-BUTYLBENZENE	U	0.080	ug/L	1	0.08		
PENTACHLOROETHANE	U	0.20	ug/L	1	0.2		
1,2,4-TRIMETHYLBENZENE	U	0.35	ug/L	1	0.35		
EC-BUTYLBENZENE	U	0.10	ug/L	1	0.1		
,3-DICHLOROBENZENE	U	0.060	ug/L	1	0.06		
P-ISOPROPYLTOLUENE	U	0.080	ug/L	1	0.08		
1,4-DICHLOROBENZENE	U	0.040	ug/L	1	0.04		
,2-DICHLOROBENZENE	U	0.050	ug/L	1	0.05		
-BUTYLBENZENE	U	0.10	ug/L	1	0.1		
IS(2-CHLOROISOPROPYL)ETHER	U	0.60	ug/L	1	0.6		
HEXACHLOROETHANE	U	1.0	ug/L	1	1		
DIBROMOCHLOROPROPANE	U	0.47	ug/L	1	0.47		
ITROBENZENE	U	20	ug/L	1	20		
,2,4-TRICHLOROBENZENE	U	0.11	ug/L	1	0.11		
HEXACHLOROBUTADIENE	U	0.12	ug/L	1	0.12		
NAPHTHALENE	U	0.10	ug/L	1	0.1		
,2,3-TRICHLOROBENZENE	U	0.11	ug/L	1	0.11		
TERNAL STANDARD							
UOROBENZENE		81.8	% recovery	1			
D5-CHLOROBENZENE	N	48.8	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	47.6	% recovery	1			
IRROGATE							
BROMOFLUOROMETHANE		111	% recovery	1			
D4-DICHLOROETHANE		126	% recovery	1			
D8-TOLUENE		98.8	% recovery	1			
BROMOFLUOROBENZENE		105	% recovery	1			

n ID: R134074 / Work Group No.: WG123743
ep Date1: 08-SEP-05 Analyzed 09-Sep-05 03:58

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

East Bay Municipal Utility District
Laboratory Services Chain of Custody Record

Prelog or
Login No.: L122804

Project Title
Tonys Express Auto Service - TONY 1 GW-lo; ord-311
Account or Project: B941-9911-2

Client PM: PATRICIA MAGUIRE
Tel No.: 287-1727
Lab PM: KENNETH GERSTMAN

Sampled by: C Spencer
Rcvd: 06-SEP-05 12:20
Sample Date: 06-SEP-05

Lab No.	Sample Type	Time	Site	Locator	Sample Matrix	Container ID Barcode	Tests Required	Preservative	Date Initials	DueDate pH
L122804-1	GRAB	11:20	IW S	TONY 1	WasteH2O	604597	VOA4A 624			27-SEP-05
					WasteH2O	604598	VOA4A 624			
					WasteH2O	604599	VOA4A 624			
					WasteH2O		+REPORT			

ClientID: Sample Comments: Pricing: STD

L122804-2	QCFB	11:20	IW S	TONY 1	WasteH2O	604600	VOA4A 624			27-SEP-05
					WasteH2O	604601	VOA4A 624			

ClientID: Sample Comments: QCFB for L122804-1; prepared by JH on 30-aug-05, Acid Lot 030205/L118774-1 Pricing: STD

Total containers received: 5

	Signature	Print Name	Time	Date
Relinquished by		Christopher Spencer	12:20	9/06/05
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by	Joaquin Li	Joaquin Li	12:20	06-SEP-05

Type Codes: CF01;CF02;CF03;CFV;COMP;CT01;CT02;CT03
CT04;CT05;CT06;CT07;CT08;CTV;GRAB

PAL Pacific Analytical Laboratory
851 West Midway Ave. Suite 201
Alameda, CA 94501
Phone (510) 864-0364

16 August 2005

Mansour Sepehr
SOMA Environmental Engineering Inc.
6620 Owens Drive, Suite A
Pleasanton, CA 94588

RE: 3609 International Blvd, Oakland

Work Order Number: 5080007

This Laboratory report has been reviewed for technical correctness and completeness. This entire report was reviewed and approved by the Laboratory Director or the Director's designee, as verified by the following signature.

Sincerely,

Maiid Akhavan
Laboratory Director

CHAIN OF CUSTODY FORM

PAL Pacific Analytical Laboratory
851 West Midway Ave., Suite 201B
Alameda, CA 94501
510-864-0364 Telephone
510-864-0365 Fax

PAL
Login# 5080007

Project No: 2333	Sampler: Mehran Nowroozi
Project Name: 3609 International Blvd. Oakland	Report To: Joyce Bobek
Project P.O.: ----	Company: SOMA Environmental Engineering, Inc.
Turnaround Time: Standard	Tel: 925-244-6600 Fax: 925-244-6601

Lab No.	Sample ID	Sampling Date/Time: Date	Time	Matrix: Soil	Water	Waste	# of Containers	Preservatives: HCL	H_2SO_4	HNO_3	ICE	Field Notes	Analyses/Method: TPHg, BTEX, MtBE 8260B							
	Influent	8/8/05	10:50 AM		X		3-VOAs	X			X	Grab Sample	X							
	GAC-1	↓	10:35 AM		X		3-VOAs	X			X	Grab Sample	X							
	PSP-1	↓	10:45 AM		X		3-VOAs	X			X	Grab Sample	X							

Sampler Remarks:
EDF Output Required

Relinquished by:	Date/Time:	Received by:	Date/Time:
M. Nowroozi	12:30 PM 8/8/05	James Zaninger	12:30 PM 8/8/05

PAL

SOMA Environmental Engineering Inc. 6620 Owens Drive, Suite A Pleasanton CA, 94588	Project: 3609 International Blvd, Oakland Project Number: 2333 Project Manager: Mansour Sepehr	**Reported:** 16-Aug-05 14:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Influent	5080007-01	Water	08-Aug-05 11:50	08-Aug-05 12:54
GAC-1	5080007-02	Water	08-Aug-05 11:45	08-Aug-05 12:54
PSP-1	5080007-03	Water	08-Aug-05 11:40	08-Aug-05 12:54

PAL

SOMA Environmental Engineering Inc. 6620 Owens Drive, Suite A Pleasanton CA, 94588	Project: 3609 International Blvd, Oakland Project Number: 2333 Project Manager: Mansour Sepehr	**Reported:** 16-Aug-05 14:06

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Influent (5080007-01RE1) Water Sampled: 08-Aug-05 11:50 Received: 08-Aug-05 12:54									
Gasoline (C6-C12)	**2850**	860	ug/l	4.3	BH50901	08-Aug-05	10-Aug-05	EPA 8260B	
Benzene	**460**	2.15	"	"	"	"	"	"	
Ethylbenzene	**15.5**	2.15	"	"	"	"	"	"	
m&p-Xylene	**135**	4.30	"	"	"	"	"	"	
o-xylene	**87.5**	2.15	"	"	"	"	"	"	
Toluene	**10.7**	8.60	"	"	"	"	"	"	
MTBE	**410**	2.15	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.4 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*96.8 %*	*70-130*		"	"	"	"	
GAC-1 (5080007-02) Water Sampled: 08-Aug-05 11:45 Received: 08-Aug-05 12:54									
Gasoline (C6-C12)	ND	200	ug/l	1	BH50901	08-Aug-05	08-Aug-05	EPA 8260B	
Benzene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
m&p-Xylene	ND	1.00	"	"	"	"	"	"	
o-xylene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	**0.510**	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.4 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*97.6 %*	*70-130*		"	"	"	"	
PSP-1 (5080007-03) Water Sampled: 08-Aug-05 11:40 Received: 08-Aug-05 12:54									
Gasoline (C6-C12)	ND	200	ug/l	1	BH50901	08-Aug-05	08-Aug-05	EPA 8260B	
Benzene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
m&p-Xylene	ND	1.00	"	"	"	"	"	"	
o-xylene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
MTBE	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.8 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*111 %*	*70-130*		"	"	"	"	
Surrogate: Perdeuterotoluene		*99.6 %*	*70-130*		"	"	"	"	

PAL

SOMA Environmental Engineering Inc. 6620 Owens Drive, Suite A Pleasanton CA, 94588	Project: 3609 International Blvd, Oakland Project Number: 2333 Project Manager: Mansour Sepehr	**Reported:** 16-Aug-05 14:06

Volatile Organic Compounds by EPA Method 8260B

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

PAL

SOMA Environmental Engineering Inc. 6620 Owens Drive, Suite A Pleasanton CA, 94588	Project: 3609 International Blvd, Oakland Project Number: 2333 Project Manager: Mansour Sepehr	**Reported:** 16-Aug-05 14:06

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Pacific Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BH50901 - EPA 5030 Water MS										
Blank (BH50901-BLK1)				Prepared & Analyzed: 09-Aug-05						
Surrogate: 4-Bromofluorobenzene	*45.1*		*ug/l*	*50.0*		*90.2*	*70-130*			
Surrogate: Dibromofluoromethane	*52.5*		"	*50.0*		*105*	*70-130*			
Surrogate: Perdeuterotoluene	*49.6*		"	*50.0*		*99.2*	*70-130*			
Gasoline (C6-C12)	ND	200	"							
Benzene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
m&p-Xylene	ND	1.00	"							
o-xylene	ND	0.500	"							
Toluene	ND	2.00	"							
MTBE	ND	0.500	"							
LCS (BH50901-BS1)				Prepared & Analyzed: 09-Aug-05						
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/l*	*50.0*		*98.8*	*70-130*			
Surrogate: Dibromofluoromethane	*50.1*		"	*50.0*		*100*	*70-130*			
Surrogate: Perdeuterotoluene	*44.2*		"	*50.0*		*88.4*	*70-130*			
Gasoline (C6-C12)	1520	200	"	2000		76.0	70-130			
Benzene	112	0.500	"	100		112	70-130			
Toluene	113	2.00	"	100		113	70-130			
MTBE	79.7	0.500	"	100		79.7	70-130			
LCS Dup (BH50901-BSD1)				Prepared & Analyzed: 09-Aug-05						
Surrogate: 4-Bromofluorobenzene	*49.9*		*ug/l*	*50.0*		*99.8*	*70-130*			
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*70-130*			
Surrogate: Perdeuterotoluene	*46.8*		"	*50.0*		*93.6*	*70-130*			
Gasoline (C6-C12)	1630	200	"	2000		81.5	70-130	6.98	20	
Benzene	115	0.500	"	100		115	70-130	2.64	20	
Toluene	118	2.00	"	100		118	70-130	4.33	20	
MTBE	87.2	0.500	"	100		87.2	70-130	8.99	20	

PAL

SOMA Environmental Engineering Inc. 6620 Owens Drive, Suite A Pleasanton CA, 94588	Project: 3609 International Blvd, Oakland Project Number: 2333 Project Manager: Mansour Sepehr	**Reported:** 16-Aug-05 14:06

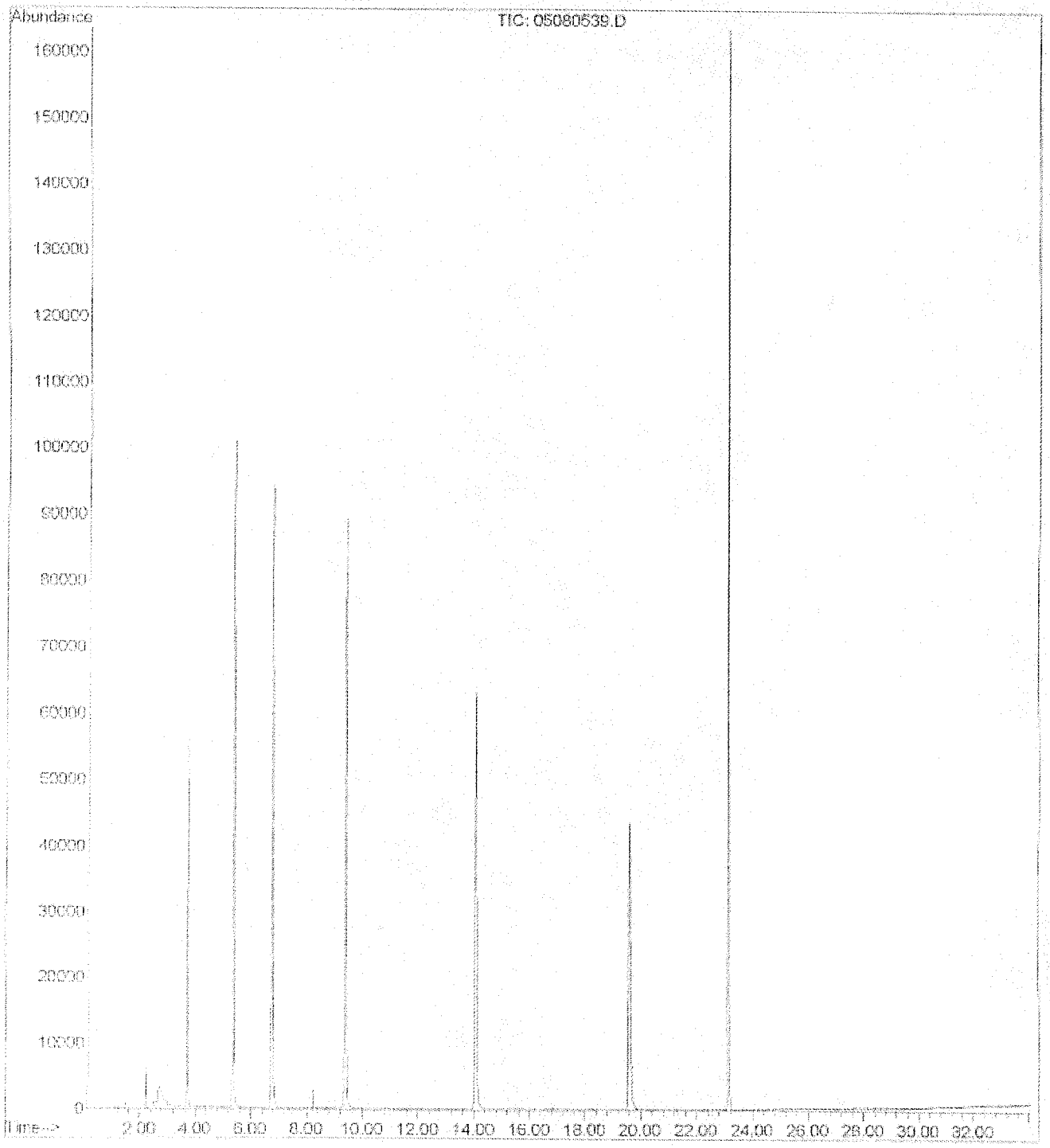
Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

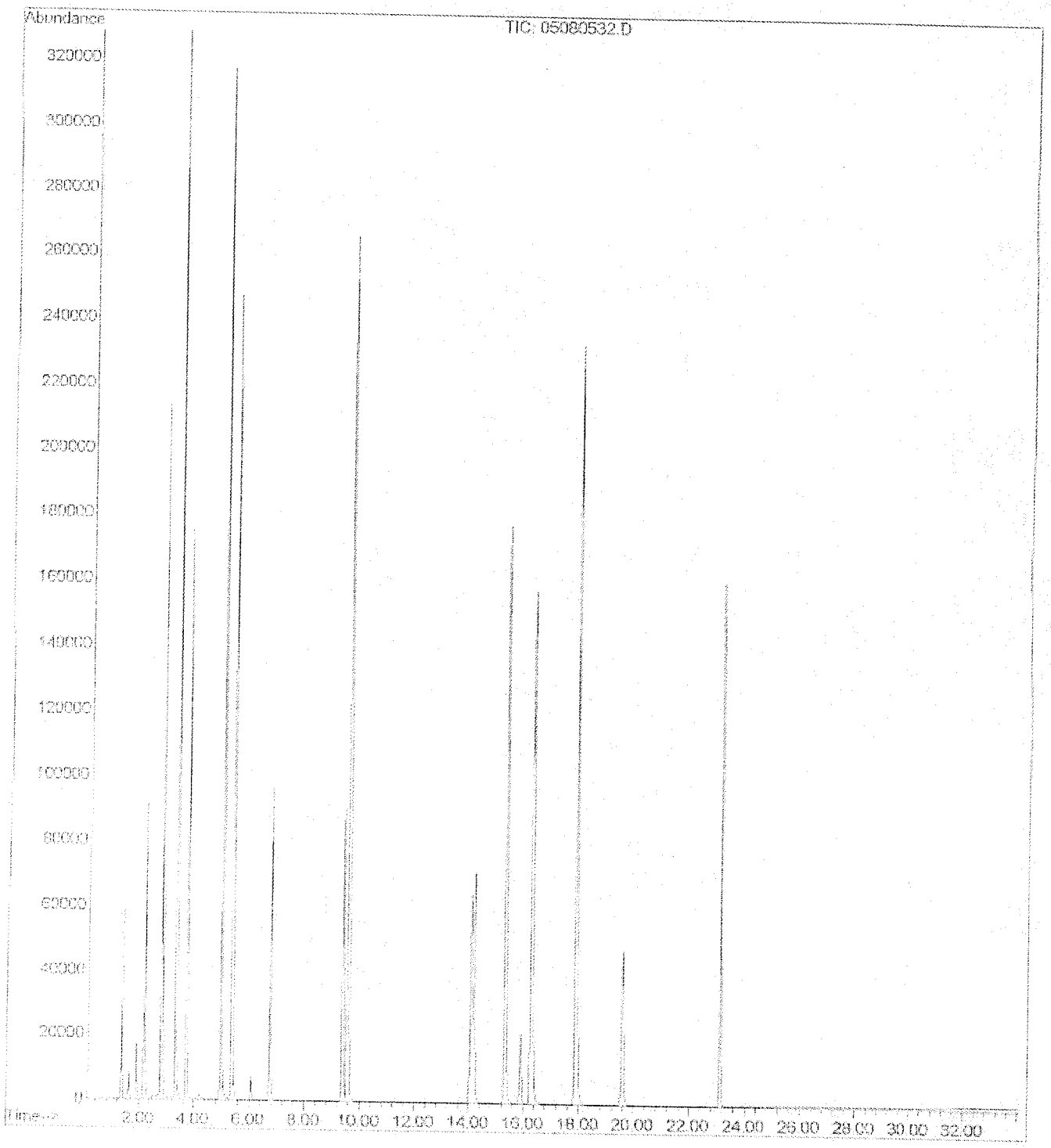
Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Default Report (not modified)

File : C:\MSDChem\1\DATA\2005-Aug-05-1645.b\05080539.D
Operator :
Acquired : 8 Aug 2005 1:57 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BH50901-BLK1
Misc Info :
Vial Number: 39



File : C:\MSDChem\1\DATA\2005-Aug-05-1645.b\05080532.D
Operator :
Acquired : 6 Aug 2005 4:15 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BH50901-BS1@voc
Misc Info :
Vial Number: 32



File : C:\MSDChem\1\DATA\2005-Aug-05-1645.b\05080533.D
Operator :
Acquired : 6 Aug 2005 5:00 pm using AcqMethod VOCOXY.M
Instrument : PAL GCMS
Sample Name: BH50901-BS1@gas
Misc Info :
Vial Number: 33