

RECEIVED

10:51 am, Dec 15, 2008

**Alameda County
Environmental Health**

Declaration from the Responsible Party
Letter Report
Groundwater Monitoring Conducted 8 September 2008
2440 East Eleventh Street
Oakland CA
RO No. 29

Dated 14 November 2008

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Jeffrey Eandi
Vice President
Eandi Metal Works
976 Twenty-Third Avenue
Oakland CA 94606

Signed



Dated 14 November 2008

Received

NOV 17 2008

Eandi Metal Works

Jeffrey M. Eandi
Eandi Metal Works
976 Twenty-Third Avenue
Oakland CA 94606

14 November 2008

Project No. P279

Letter Report
Groundwater Monitoring Conducted 8 September 2008
2440 East Eleventh Street
Oakland CA
RO No. 29

Dear Mr. Eandi (hardcopy):

This letter report documents the results of groundwater monitoring conducted 8 September 2008 for monitoring wells MW1, MW2, MW3, MW4, and MW5 at the subject property. The results of our work are summarized in the following:

- Table 1 provides a chronology of environmental activities.
- Table 2 provides a bibliography.
- Table 3 summarizes groundwater level and gradient data.
- Table 4 summarizes well purging and sampling information since 2001. Purge water generated during sampling was containerized in labeled drums and stored onsite.
- Table 5 summarizes groundwater analytical data from monitoring wells.
- Figure 1 provides a location map (USGS).
- Figure 2 shows a vicinity map.
- Figure 3 provides a site plan.
- Figure 4 shows the groundwater levels and gradient (8 September 2008).
- Figure 5 shows temporal concentrations of TPH-gasoline in the monitoring wells.
- Figure 6 shows the estimated extent of TPH-gasoline in groundwater (September 2008).
- Attachment 1 contains the groundwater sampling forms.
- Attachment 2 contains the laboratory report and chain-of-custody form.

The groundwater monitoring results for 8 September 2008 are consistent with historic results. The next groundwater-monitoring event is scheduled circa March/April 2009.

TPH-gasoline serves as an appropriate indicator of groundwater contamination resulting from releases at the former 1,000-gallon underground gasoline tank. Figure 5 shows TPH-gasoline versus time in the monitoring wells and Figure 6 shows the areal extent of TPH-gasoline (September 2008). As depicted on Figure 5, TPH-gasoline exhibits a slight trend of decreasing concentrations versus time - the trend appears to be dependent on anaerobic biodegradation (a slow process). As depicted on Figure 6, the maximum extent of TPH-gasoline contamination is less than approximately 300 feet downgradient of the former tank.

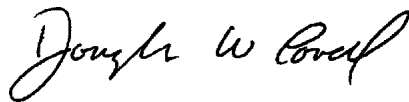
It is apparent that monitored natural attenuation will not result in acceptable concentrations of TPH-gasoline within the next decade. It is also apparent that the contaminant plume in groundwater is relatively stable with time.

We believe that sufficient information has been collected to conduct a feasibility study/corrective action plan for this site. As the next step, we recommend that a feasibility study/corrective action plan be prepared to guide eventual closure deliberations.

Please contact us with any questions or comments.

Sincerely,

STREAMBORN



Douglas W. Lovell, PE
Geoenvironmental Engineer

Attachments



Electronic Submission: This report was uploaded to Geotracker and the Alameda County server.

Table 1 (Page 1 of 2)
Environmental Chronology
2440 East Eleventh Street
Oakland CA

Date	Performed By	Event
Unknown	Unknown	<ul style="list-style-type: none"> • 1,000-gallon underground leaded gasoline tank was installed.
15 August 1991	Eandi Metal Works	<ul style="list-style-type: none"> • The 1,000-gallon tank was emptied of product. Use of the tank was discontinued.
11 May 1992	Unknown	<ul style="list-style-type: none"> • The 1,000-gallon tank was removed and soil and groundwater contamination was discovered.
10 July 1995	AGI Technologies	<ul style="list-style-type: none"> • Five soil borings were drilled. Soil samples were collected and analyzed for TPH-gasoline, BTEX, MtBE, and total metals. • Three of the borings were completed as monitoring wells (MW1, MW2, and MW3). The other two borings (E1 and E2) were grouted. • Water levels were measured in monitoring wells MW1, MW2, and MW3. • Monitoring wells MW1, MW2, and MW3 were developed and groundwater samples were collected. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead. • An elevation survey was conducted for monitoring wells MW1, MW2, and MW3.
17 July 1995	AGI Technologies	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, and MW3. • Groundwater samples were collected from monitoring wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead.
20 October 1995	AGI Technologies	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, and MW3. • Groundwater samples were collected from monitoring wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, and total lead.
25 January 1996	AGI Technologies	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, and MW3. • Groundwater samples were collected from monitoring wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead.
25 April 1996	AGI Technologies	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, and MW3. • Groundwater samples were collected from monitoring wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead.
11 - 12 June 2001	Kleinfelder	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, and MW3. • Groundwater samples were collected from monitoring wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, and total lead.
5 February 2002	Kleinfelder	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, and MW3. • Groundwater samples were collected from monitoring wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead.
9 June 2004	Streamborn	<ul style="list-style-type: none"> • Using a backhoe, the excavation for the former tank was partially re-excavated. • Soil samples were collected from the base (7.5-8 feet below ground surface) and each of the four sidewalls (5-5.5 feet below ground surface) by exposing native soil and driving a brass liner into the exposed soil. • Soil samples were analyzed for TPH-diesel/kerosene/stoddard solvent, TPH-gasoline, BTEX, fuel oxygenates, and total lead.
12 August 2004	Streamborn	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, and MW3. • Groundwater samples were collected from monitoring wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, fuel oxygenates, and total lead. • Seven geoprobe borings (B1-B7) were drilled to depths between 20 and 32 feet. Soil samples were collected continuously in the borings. • Two soil samples were retained from each of the borings for chemical analysis. One soil sample approximately coincided with the depth of groundwater observed during drilling and the other soil sample coincided with the bottom of the boring. Soil samples were analyzed for TPH-gasoline, BTEX, fuel oxygenates, and total lead. • Temporary casings were installed in the borings and water levels allowed to stabilize for at least one hour. Water levels were measured. • Purged groundwater samples were collected from the temporary casings. Samples were analyzed for TPH-gasoline, BTEX, fuel oxygenates, and total lead. • The temporary casings were removed from the borings and the borings were grouted.
17-23 September 2004	Streamborn	<ul style="list-style-type: none"> • Using a backhoe, the excavation for the former tank was completely re-excavated. The excavated soil was air-dried and replaced in the excavation using ±2-foot lifts. Each lift was compacted using a whacker. 6 inches of imported Class II aggregate base was placed as the final lift of soil. • The pavement and sidewalk were repaved with reinforced concrete. The concrete thickness was 8 inches. The reinforcement was #5 rebar on 12-inch centers.
2 March 2005	Streamborn	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, and MW3. • Groundwater samples were collected from monitoring wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, and fuel oxygenates.

Table 1 (Page 2 of 2)
Environmental Chronology
2440 East Eleventh Street
Oakland CA

Date	Performed By	Event
28 September 2006	Streamborn	<ul style="list-style-type: none"> • Two direct push borings were drilled to 17 feet. Soil samples were collected continuously during drilling and selected samples were analyzed for TPH-gasoline, BTEX, fuel oxygenates, total lead, and lead scavengers (1,2-dichloroethane and ethylene dibromide). • Each boring was subsequently overdrilled using a hollow-stem auger and completed as a two-inch diameter, 17-foot deep monitoring well (MW4 and MW5). • Monitoring wells MW4 and MW5 were elevation surveyed.
2 October 2006	Streamborn	<ul style="list-style-type: none"> • Monitoring wells MW4 and MW5 were developed. • Groundwater levels were measured in monitoring wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from monitoring wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260), total lead, and lead scavengers (1,2-dichloroethane and ethylene dibromide).
20 March 2007	Streamborn	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from monitoring wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).
10 September 2007	Streamborn	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from monitoring wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).
10 March 2008	Streamborn	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from monitoring wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).
8 September 2008	Streamborn	<ul style="list-style-type: none"> • Groundwater levels were measured in monitoring wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from monitoring wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).

General Notes

- (a) TPH = total petroleum hydrocarbons.
- (b) BTEX = benzene, toluene, xylenes, and total xylenes.
- (c) MtBE = methyl tert-butyl ether.

Table 2 (Page 1 of 2)
Bibliography
2440 East Eleventh Street
Oakland CA

- ACHCSA (2002). *Notice of Violation, Property at 976 23rd Avenue, Oakland CA*. Correspondence to Jeffrey M. Eandi, Eandi Metal Works, Oakland CA. Correspondence from Amir K. Gholami, Alameda County Health Care Services Agency, Alameda CA. 30 May 2002.
- ACHCSA (2003). *Fuel Leak Case # RO0000029 – 976 23rd Avenue, Oakland, CA 94606*. Correspondence from Amir K. Gholami, Alameda County Health Care Services Agency, Alameda CA. Correspondence to Eandi Metal Works, Oakland CA. 11 December 2003.
- ACHCSA (2005). *Fuel Leak Case # RO0000029 – 976 23rd Avenue, Oakland, CA 94606*. Email from Amir K. Gholami, Alameda County Health Care Services Agency, Alameda CA. Email to Streamborn, Berkeley CA. 9 May 2005.
- ACHCSA (2006a). *Fuel Leak Case No. RO0000029, Eandi Metal Works, 2440 East Eleventh Street, Oakland, CA*. Correspondence from Jerry Wickham, Alameda County Health Care Services Agency, Alameda CA. Correspondence to Jeffrey Eandi, Eandi Metal Works, Oakland CA. 23 May 2006.
- ACHCSA (2006b). *Fuel Leak Case No. RO0000029, Eandi Metal Works, 2440 East Eleventh Street, Oakland, CA*. Correspondence from Jerry Wickham, Alameda County Health Care Services Agency, Alameda CA. Correspondence to Jeffrey Eandi, Eandi Metal Works, Oakland CA. 25 July 2006.
- AGI Technologies (1995). *Monitoring Well Installations and Quarterly Groundwater Monitoring, Eandi Metal Works, Oakland, California*. Prepared for Eandi Metal Works, Oakland CA. Prepared by AGI Technologies, Bellevue WA. 25 September 1995.
- AGI Technologies (1996). *Quarterly Groundwater Monitoring, Third Event January 1996, Eandi Metal Works, Oakland California*. Prepared for Eandi Metal Works, Oakland CA. Prepared by AGI Technologies, Bellevue WA. 22 May 1996.
- Kleinfelder (2001). *Monitoring Well Sampling Results for MW-1, MW-2, and MW-3 at the Eandi Facility, Oakland, California*. Prepared for Jeff Eandi, Oakland CA. Prepared by Kleinfelder, Oakland CA. 14 June 2001.
- Kleinfelder (2002). *Monitoring Well Sampling Results for MW-1, MW-2, and MW-3 at the Eandi Metal Works Facility, Oakland, California*. Prepared for Jeff Eandi, Oakland CA. Prepared by Kleinfelder, Oakland CA. 15 March 2002.
- RWQCB (1996). *Memorandum, To: San Francisco Bay Area Agencies Overseeing UST cleanup, Supplemental Instruction to State Water Board, December 8, 1995, Interim Guidance on Required Cleanup at Low Risk Fuel Sites*. Prepared by San Francisco Bay Regional Water Quality Control Board, Oakland CA. 5 January 1996.
- RWQCB (2005). *Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (Interim Final - February 2005)*. Prepared by San Francisco Bay Regional Water Quality Control Board, Oakland CA. February 2005.
www.waterboards.ca.gov/sanfranciscobay/esl.htm
- Streamborn (2002). *Workplan, Soil and Groundwater Sampling, 2440 East Eleventh Street, Oakland CA*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA. Project No. P279. 28 June 2002.
- Streamborn (2003). *Revised Workplan, Soil and Groundwater Sampling, 2440 East Eleventh Street, Oakland CA*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA. Project No. P279. 12 February 2003.
- Streamborn (2004). *Letter Report, Sample and Backfill Former Tank Excavation, 2440 East Eleventh Street, Oakland CA*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA. Project No. P279. 15 December 2004.
- Streamborn (2005a). *Letter Report (Revised 25 March 2005), Groundwater Investigation Conducted 12 August 2004, 2440 East Eleventh Street, Oakland CA, RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA. 11 February 2005 (Revised 25 March 2005).
- Streamborn (2005b). *Letter Report, Groundwater Monitoring Conducted 2 March 2005, 2440 East Eleventh Street, Oakland CA, RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA. 25 March 2005.
- Streamborn (2006a). *Letter Report, Site Conceptual Model, 2440 East Eleventh Street, Oakland CA, Alameda County RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA. Project No. P279. 26 April 2006.
- Streamborn (2006b). *Workplan, Installation and Sampling of Groundwater Monitoring Wells, 2440 East Eleventh Street, Oakland CA, RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA. Project No. P279. 20 June 2006.
- Streamborn (2006c). *Letter Report, Installation of Additional Groundwater Monitoring Wells Conducted 28 September 2006 and Groundwater Monitoring Conducted 2 October 2006, 2440 East Eleventh Street, Oakland CA, RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA. Project No. P279. 1 December 2006.
- Streamborn (2007a). *Letter Report, Groundwater Monitoring Conducted 20 March 2007, 2440 East Eleventh Street, Oakland CA, RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA, Project No. P279. 10 April 2007.
- Streamborn (2007b). *Letter Report, Groundwater Monitoring Conducted 10 September 2007, 2440 East Eleventh Street, Oakland CA, RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA, Project No. P279. 12 October 2007.

Table 2 (Page 2 of 2)
Bibliography
2440 East Eleventh Street
Oakland CA

Streamborn (2008a). *Letter Report, Groundwater Monitoring Conducted 10 March 2008, 2440 East Eleventh Street, Oakland CA, RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA, Project No. P279. 23 April 2008.

Streamborn (2008b). *Letter Report, Groundwater Monitoring Conducted 8 September 2008, 2440 East Eleventh Street, Oakland CA, RO No. 29*. Prepared for Eandi Metal Works, Oakland CA. Prepared by Streamborn, Berkeley CA, Project No. P279. 14 November 2008.

Table 3
Groundwater Level and Gradient Data
2440 East Eleventh Street
Oakland CA

Location	MW1		MW2		MW3		MW4		MW5		Groundwater Gradient	
Ground Surface Elevation	21.68		21.36		20.21		20.27		19.71			
Casing Diameter (inches)	2		2		2		2		2			
Measuring Point GPS Coordinates	N 37° 46.808' W 122° 14.135'		N 37° 46.804' W 122° 14.152'		N 37° 46.799' W 122° 14.176'		N 37° 46.799' W 122° 14.170'		N 37° 46.812' W 122° 14.181'			
Measuring Point Elevation	TOC N Side = 21.28		TOC N Side = 21.06		TOC N Side = 19.82		TOC N Side = 19.58		TOC N Side = 19.06			
Intercepted Interval	Depth	Elev	Depth	Elev	Depth	Elev	Depth	Elev	Depth	Elev	Direction	Magnitude
	9 to 20	1.7 to 12.7	9 to 20	1.4 to 12.4	9 to 20	0.2 to 11.2	6 to 17	3.3 to 14.3	6 to 17	2.7 to 13.7		
14 July 1995	9.72	11.56	10.74	10.32	10.95	8.87						
17 July 1995	11.11	10.17	10.93	10.13	11.04	8.78						
20 October 1995	11.96	9.32	11.92	9.14	12.11	7.71						
25 January 1996	8.14	13.14	8.23	12.83	8.83	10.99						
11-12 June 2001	10.35	10.93	11.50	9.56	11.08	8.74						
5 February 2002	11.00	10.28	11.10	9.96	11.30	8.52						
12 August 2004	10.95	10.33	11.17	9.89	11.77	8.05					N 115° W	0.02
2 March 2005	8.25	13.03	8.44	12.62	9.36	10.46					N 120° W	0.03
2 October 2006	11.08	10.20	11.15	9.91	11.79	8.03	11.48	8.10	11.28	7.78	N 126° W	0.02
20 March 2007	10.96	10.32	10.78	10.28	10.91	8.91	10.57	9.01	10.41	8.65	N 127° W	0.01
10 September 2007	11.24	10.04	11.54	9.52	12.20	7.62	11.91	7.67	11.68	7.38	N 128° W	0.02
10 March 2008	10.74	10.54	10.89	10.17	10.60	9.22	10.28	9.30	10.16	8.90	N 114° W	0.01
8 September 2008	11.73	9.55	11.42	9.64	12.09	7.73	11.77	7.81	11.57	7.49	N 124° W	0.01
Total Depth (Last Measurement)	19.8		19.8		19.6		17.3		17.2			

General Notes

- (a) Measurements are cited in units of feet. Elevations are referenced to the NGVD29 - Mean Sea Level (MSL) datum.
- (b) TOC = top of PVC casing. N = north. Measuring points were the top of the PVC casing, north side.
- (c) Streamborn (Berkeley CA) measured GPS coordinates using a Garmin GPS II meter.
- (d) HTT Engineering (Oakland CA) surveyed the elevation of MW1 to the NGVD29 - Mean Sea Level (MSL) datum on 6 September 2006.
- (e) Streamborn (Berkeley CA) surveyed the elevations of the remaining wells on 28 September 2006.
- (f) The intercepted intervals correspond to the sand pack interval. The depths of the intercepted intervals were measured relative to the adjacent pavement or ground surface.

Table 4
Well Purging and Sampling Information Since 2001
2440 East Eleventh Street
Oakland CA

Well No.	Sample Date	Sample Type	Purge Method	Purge Duration (minutes)	Approximate Volume Purged (gallons)	Volume Purged (static water casing volumes)	Purged Dry?	Dissolved Oxygen (mg/L)	pH	Specific Conductance (µS/cm)	Temp (°C)	ORP (mV)	Turbidity/Color
MW1	11 Jun 01	Grab	SPP	NM	20	NC	no	NM	6.8	310	21.4	NM	NM
	5 Feb 02	Grab	SPP	NM	4	NC	no	NM	6.6	290	18.8	NM	NM
	12 Aug 04	Grab	SPP	4	5	±3	no	1.1	7.0	230	18.8	-130	Clear/none
	2 Mar 05	Grab	SPP	7	6	±3	no	2.2	6.9	230	17.1	-160	Clear/none
	2 Oct 06	Grab	SPP	7	5	±3	no	1.0	6.6	380	17.7	-130	Translucent/gray
	20 Mar 07	Grab	SPP	25	5	±3	no	0.8	6.8	410	16.1	-130	Clear/none
	10 Sep 07	Grab	SPP	8	5	±3	no	0.9	6.7	480	18.0	-100	Clear/none
	10 Mar 08	Grab	SPP	11	5	±3	no	0.7	6.9	410	16.6	-110	Clear/none
8 Sep 08	Grab	SPP	6	4	±3	no	1.0	6.9	530	18.4	-80	Clear/none	
MW2	12 Jun 01	Grab	SPP	NM	15	NC	no	NM	7.1	430	17.2	NM	NM
	5 Feb 02	Grab	SPP	NM	4	NC	no	NM	6.6	400	16.8	NM	NM
	12 Aug 04	Grab	SPP	4	5	±3	no	2.0	6.8	510	18.9	-170	Turbid/gray
	2 Mar 05	Grab	SPP	7	6	±3	no	2.2	6.7	490	17.7	-220	Clear/none
	2 Oct 06	Grab	SPP	7	5	±3	no	1.0	6.7	490	18.0	-110	Clear/none
	20 Mar 07	Grab	SPP	20	5	±3	no	1.0	6.9	490	16.7	-170	Clear/none
	10 Sep 07	Grab	SPP	7	4	±3	no	0.7	6.8	560	19.6	-110	Clear/none
	10 Mar 08	Grab	SPP	11	5	±3	no	0.9	7.1	520	17.1	-90	Clear/none
8 Sep 08	Grab	SPP	7	5	±3	no	1.5	7.5	670	19.0	-50	Clear/none	
MW3	12 Jun 01	Grab	SPP	NM	12	NC	no	NM	7.4	440	17.2	NM	NM
	5 Feb 02	Grab	SPP	NM	4	NC	no	NM	6.6	410	17.8	NM	NM
	12 Aug 04	Grab	SPP	8	4	±3	no	1.7	6.6	440	19.0	-150	Clear/none
	2 Mar 05	Grab	SPP	6	5	±3	no	2.3	6.8	500	18.1	-200	Clear/none
	2 Oct 06	Grab	SPP	6	4	±3	no	1.0	6.8	490	18.8	-60	Clear/none
	20 Mar 07	Grab	SPP	25	4	±3	no	1.6	6.7	540	16.8	-60	Clear/none
	10 Sep 07	Grab	SPP	7	4	±3	no	0.9	6.7	530	18.8	-120	Clear/none
	10 Mar 08	Grab	SPP	10	5	±3	no	0.7	7.1	510	17.5	-100	Clear/none
8 Sep 08	Grab	SPP	6	4	±3	no	1.0	7.0	600	19.3	-50	Clear/none	
MW4	2 Oct 06	Grab	SPP	24	14	±16	no	4.6	7.1	630	18.5	180	Translucent/brown
	20 Mar 07	Grab	SPP	15	3	±3	no	1.2	6.5	470	15.7	170	Clear/none
	10 Sep 07	Grab	SPP	7	3	±3	no	1.4	6.4	490	18.1	120	Translucent/gray
	10 Mar 08	Grab	SPP	9	4	±3	no	1.4	6.6	480	15.9	120	Clear/none
	8 Sep 08	Grab	SPP	4	3	±3	no	1.3	6.6	560	18.1	140	Clear/none
MW5	2 Oct 06	Grab	SPP	35	22	±24	no	3.4	7.0	600	19.1	30	Translucent/brown
	20 Mar 07	Grab	SPP	23	3	±3	no	0.9	6.9	580	16.6	-70	Clear/none
	10 Sep 07	Grab	SPP	7	3	±3	no	0.8	6.8	630	19.5	-90	Clear/none
	10 Mar 08	Grab	SPP	11	4	±3	no	1.0	7.1	570	16.6	-100	Clear/none
	8 Sep 08	Grab	SPP	4	3	±3	no	1.0	7.1	730	20.4	-80	Clear/none

General Notes

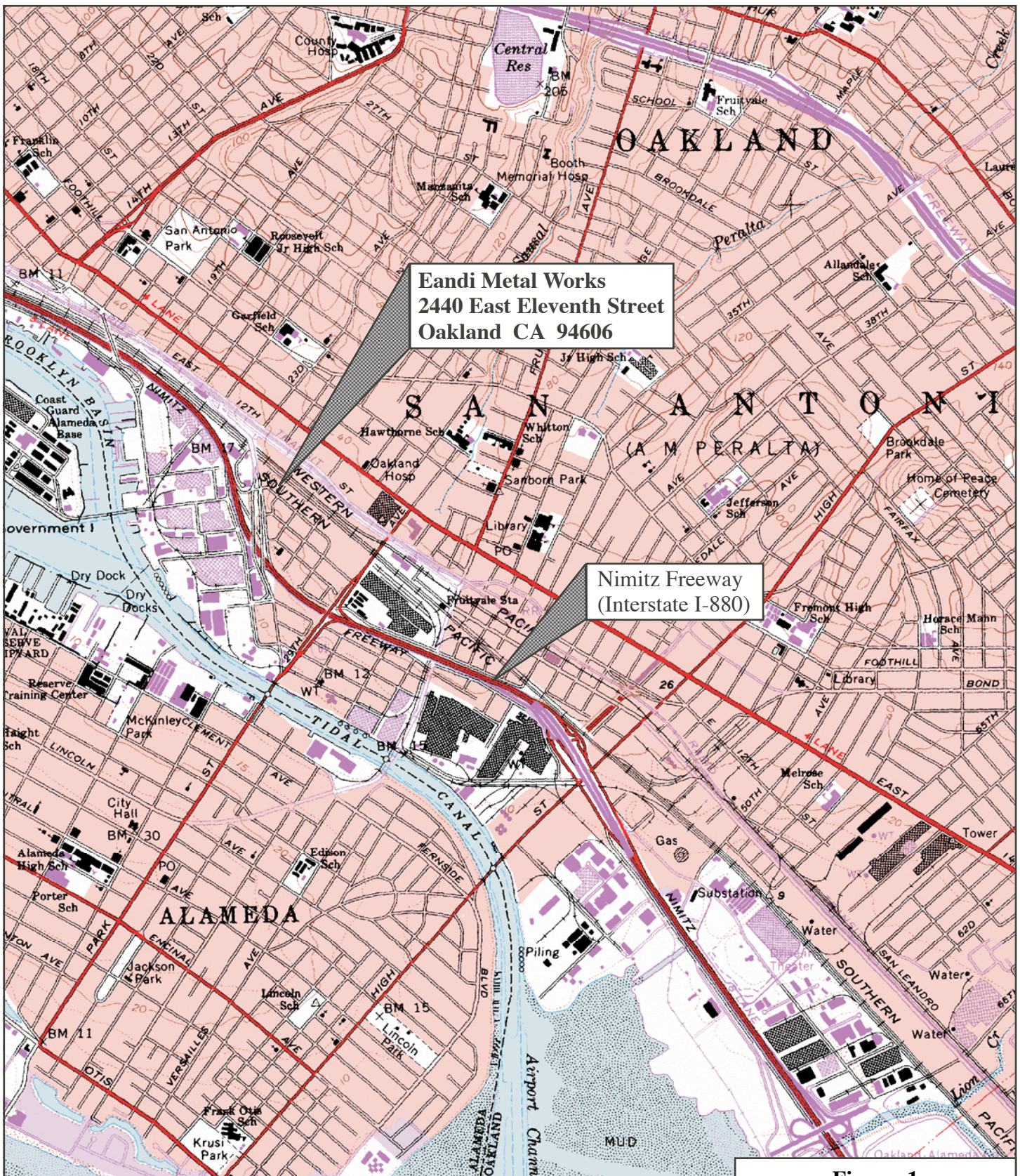
- (a) NM = not measured.
- (b) NC = not calculated.
- (c) ORP = oxidation-reduction potential.
- (d) SPP = submersible purge pump.
- (d) Measurements cited in this table correspond to the end of purging (time of sampling).

Table 5
Groundwater Analytical Data from Monitoring Wells
2440 East Eleventh Street
Oakland CA

Location	Sample Date	Sample Type	Total Lead (µg/L)	TPH-Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	1,2-Dichloroethane (µg/L)	Ethylene Dibromide (µg/L)	MtBE (µg/L)	Other Fuel Oxygenates (EPA Method 8260) (µg/L)
MW1	17 Jul 1995	Grab	<40	22,000	390	2,000	800	5,300	NM	NM	<125	NM
	20 Oct 1995	Grab	<40	14,000	270	540	360	1,800	NM	NM	NM	NM
	25 Jan 1996	Grab	<40	16,000	740	1,300	490	2,700	NM	NM	<500	NM
	25 Apr 1996	Grab	<40	4,600	180	450	190	1,000	NM	NM	<250	NM
	11 Jun 2001	Grab	14	7,100	14	35	240	720	NM	NM	NM	NM
	5 Feb 2002	Grab	3.7	9,300	6.3	11	230	560	NM	NM	<0.7	NM
	12 Aug 2004	Grab	<5	2,900	9.1	6.0	130	160	NM	NM	0.72	<0.5 to <5
	2 Mar 2005	Grab	NM	950	1.9	0.60	19	4.0	NM	NM	0.80	<0.5 to <5
	2 Oct 2006	Grab	<100	830	4.1	0.80	44	7.8	<0.5	<0.5	<0.5	<0.5 to <100
	20 Mar 2007	Grab	NM	470	2.1	<0.5	8.5	1.8	<0.5	NM	0.63	<0.5 to <100
	10 Sep 2007	Grab	NM	3,400	18	6.4	170	43	<0.5	NM	1.1	<0.5 to <100
10 Mar 2008	Grab	NM	950	2.9	0.66	19	1.9	<0.5	NM	0.72	<0.5 to <100	
8 Sep 2008	Grab	NM	3,600	14	6.5	200	19	<0.5	NM	0.62	<0.5 to <100	
MW2	17 Jul 1995	Grab	56.4	21,000	370	1,700	930	5,100	NM	NM	<125	NM
	20 Oct 1995	Grab	<40	730	18	27	26	7.9	NM	NM	NM	NM
	25 Jan 1996	Grab	<40	14,000	74	660	1,000	2,600	NM	NM	670	NM
	25 Apr 1996	Grab	<40	13,000	370	440	1,000	2,900	NM	NM	<500	NM
	12 Jun 2001	Grab	7.7	3,200	11	6.2	170	270	NM	NM	NM	NM
	5 Feb 2002	Grab	3.5	2,900	7.6	3.8	220	160	NM	NM	<0.7	NM
	12 Aug 2004	Grab	<5	3,100	2.6	1.8	<0.5	13	NM	NM	<0.5	<0.5 to <5
	2 Mar 2005	Grab	NM	3,700	<5	<2.5	340	22	NM	NM	<2.5	<2.5 to <25
	2 Oct 2006	Grab	<100	7,200	<2.5	3.0	380	30	<2.5	<2.5	<2.5	<2.5 to <500
	20 Mar 2007	Grab	NM	7,000	<5.0	<5.0	370	34	<5.0	NM	<5.0	<5.0 to <1,000
	10 Sep 2007	Grab	NM	9,300	<2.5	3.8	530	38	<2.5	NM	<2.5	<2.5 to <500
10 Mar 2008	Grab	NM	6,500	<2.5	<2.5	200	13	<2.5	NM	<2.5	<2.5 to <500	
8 Sep 2008	Grab	NM	7,300	<2.5	<2.5	290	12	<2.5	NM	<2.5	<2.5 to <500	
MW3	17 Jul 1995	Grab	153	8,400	1,200	150	1,000	1,700	NM	NM	<125	NM
	20 Oct 1995	Grab	<40	5,800	600	590	43	340	NM	NM	NM	NM
	25 Jan 1996	Grab	<40	10,000	1,200	290	870	1,300	NM	NM	<250	NM
	25 Apr 1996	Grab	<40	8,900	830	140	1,000	1,000	NM	NM	400	NM
	12 Jun 2001	Grab	7.4	1,800	37	4.5	98	19	NM	NM	NM	NM
	5 Feb 2002	Grab	4.4	1,100	32	2.1	76	9.5	NM	NM	<0.5	NM
	12 Aug 2004	Grab	<5	1,100	4.5	<0.5	6.0	1.8	NM	NM	1.4	<0.5 to <5
	2 Mar 2005	Grab	NM	3,000	27	3.0	76	22	NM	NM	<2.5	<2.5 to <25
	2 Oct 2006	Grab	<100	1,500	6.6	<0.5	5.0	2.5	<0.5	<0.5	<0.5	<0.5 to <100
	20 Mar 2007	Grab	NM	2,200	15	1.6	14	12	<0.5	NM	0.52	<0.5 to <100
	10 Sep 2007	Grab	NM	1,000	4.2	<0.5	<0.5	0.82	<0.5	NM	0.53	<0.5 to <100
10 Mar 2008	Grab	NM	4,000	13	1.1	7.0	7.4	<0.5	NM	<0.5	TAME = 0.53 Others <0.5 to <100	
8 Sep 2008	Grab	NM	1,100	9.7	0.75	7.7	5.9	<0.5	NM	0.59	<0.5 to <100	
MW4	2 Oct 2006	Grab	<100	<50	<0.5	<0.5	0.96	<0.5	<0.5	<0.5	<0.5	<0.5 to <100
	20 Mar 07	Grab	NM	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NM	<0.5	<0.5 to <100
	10 Sep 07	Grab	NM	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NM	<0.5	<0.5 to <100
	10 Mar 2008	Grab	NM	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NM	<0.5	<0.5 to <100
	8 Sep 2008	Grab	NM	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NM	<0.5	<0.5 to <100
MW5	2 Oct 2006	Grab	<100	3,000	20	0.97	69	130	<0.5	<0.5	2.6	<0.5 to <100
	20 Mar 07	Grab	NM	2,800	13	1.5	27	35	<0.5	NM	1.6	<0.5 to <100
	10 Sep 07	Grab	NM	1,900	11	0.78	10	9.2	<0.5	NM	2.5	<0.5 to <100
	10 Mar 2008	Grab	NM	4,900	7.8	1.4	13	12	<0.5	NM	1.2	<0.5 to <100
	8 Sep 2008	Grab	NM	2,300	9.7	0.75	7.7	5.9	<0.5	NM	2.3	<0.5 to <100

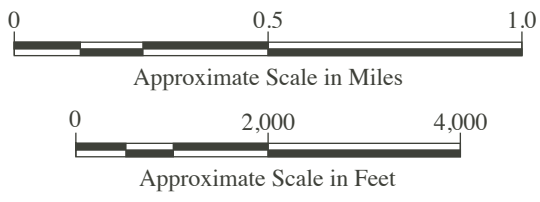
General Notes

- (a) TPH = total petroleum hydrocarbons. MtBE = methyl tert-butyl ether. TAME = tert-amyl methyl ether.
- (b) NM = not measured.
- (c) Samples were collected using a Teflon bailer fitted with a bottom-emptying device.



Eandi Metal Works
 2440 East Eleventh Street
 Oakland CA 94606

Nimitz Freeway
 (Interstate I-880)



Basemap: U.S. Geological Survey, 7.5 Minute Quadrangle, Oakland East CA. 1959 (Photorevised 1980)

Figure 1
Location Map
 2440 East Eleventh Street
 Oakland CA



Eandi Metal Works
2440 East Eleventh Street
Oakland CA 94606

Nimitz Freeway
(Interstate I-880)

Figure 2

Vicinity Map

**2440 East Eleventh Street
Oakland CA**

Basemap: Aerial photograph, flown 24 August 1998, photograph ALA-AV-6100-11-38. Pacific Aerial Surveys, Oakland CA.

Legend

 Monitoring well

Location of former 1,000-gallon underground gasoline tank

Eandi Metal Works
2440 East Eleventh Street
Oakland CA

Eandi Metal Works
976 23rd Avenue
Oakland CA

MW5

MW3

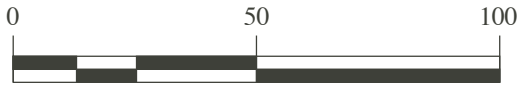
MW1

MW2

MW4

East Eleventh Street

25th Avenue



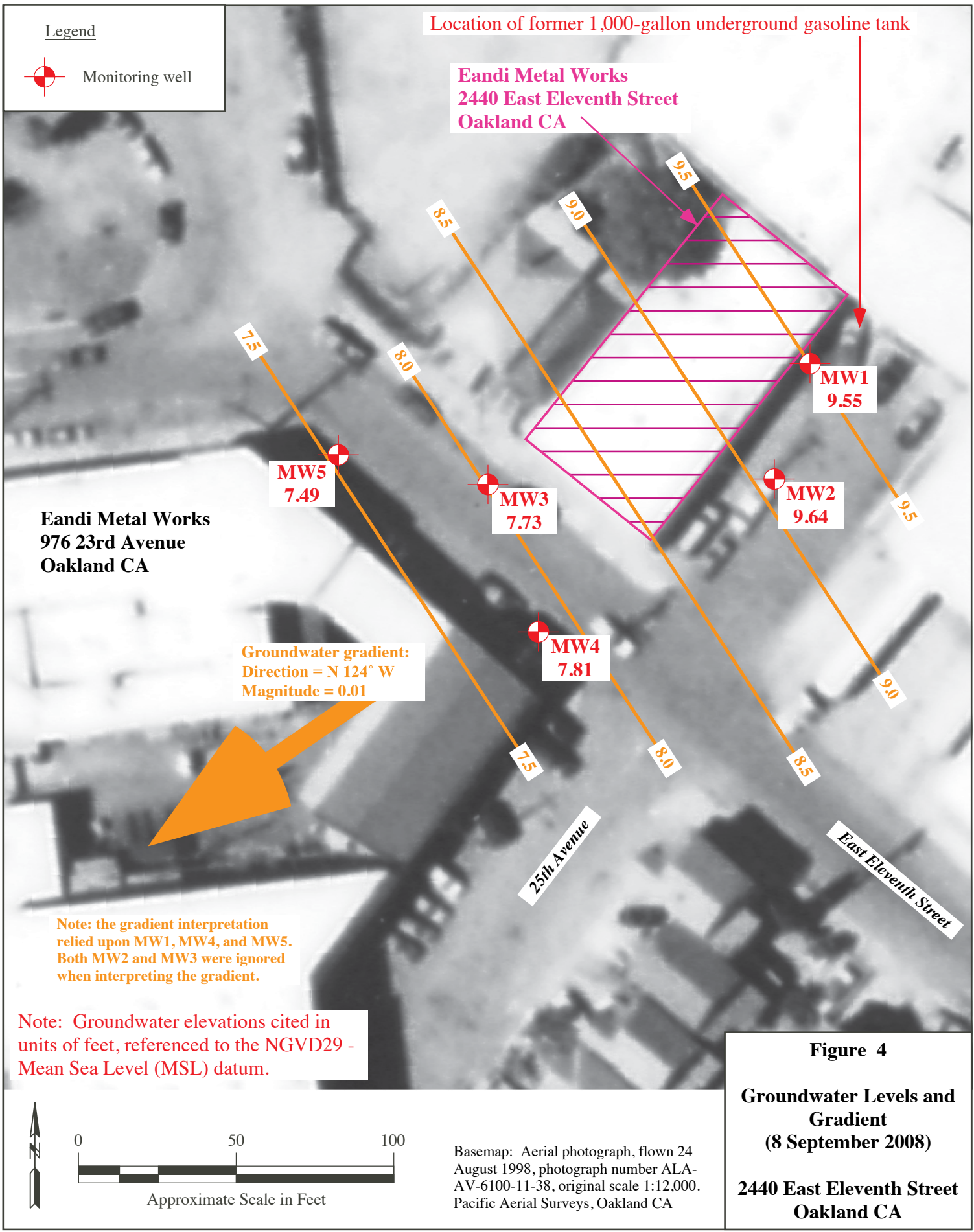
Approximate Scale in Feet

Basemap: Aerial photograph, flown 24 August 1998, photograph number ALA-AV-6100-11-38, original scale 1:12,000. Pacific Aerial Surveys, Oakland CA

Figure 3

Site Plan

**2440 East Eleventh Street
Oakland CA**



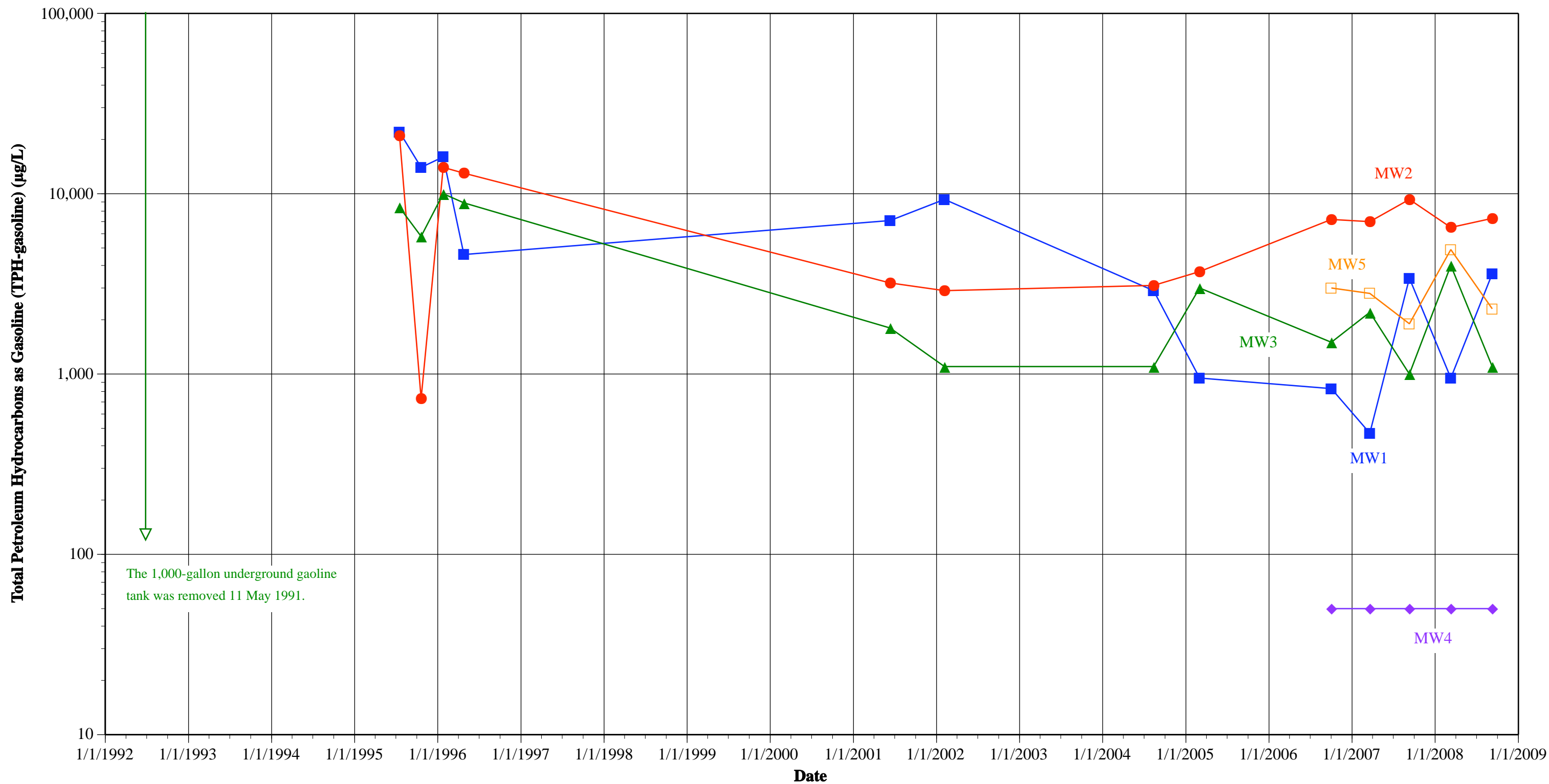


Figure 5
TPH-gasoline Versus Time
in Monitoring Wells
2440 East Eleventh Street
Oakland CA

Note: Nondetectable measurements have been plotted at the detection limit of 50 µg/L.

Legend



Monitoring well (sampled 8 Sep 2008)



Direct-push boring with temporarily-screened groundwater sample (12 Aug 2004)

Location of former 1,000-gallon underground gasoline tank

Eandi Metal Works
2440 East Eleventh Street
Oakland CA

TPH-gasoline concentration
measured in groundwater

B-7
81 µg/L

B-6
<50 µg/L

B-5
<50 µg/L

Eandi Metal Works
976 23rd Avenue
Oakland CA

MW5
2,300 µg/L

MW-3
1,100 µg/L

MW-1
3,600 µg/L

MW-2
7,300 µg/L

B-4
<50 µg/L

MW4
<50 µg/L

Approximate
direction of
groundwater
gradient

East Eleventh Street

25th Avenue

B-2
<50 µg/L

B-3
58 µg/L

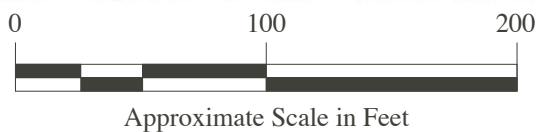
B-1
<50 µg/L

Approximate lateral extent of ground-
water with TPH-gasoline concentra-
tions greater than 100 µg/L. Area =
±27,000 square feet (±0.6 acre).

Figure 6a

**Estimated Extent of
Groundwater
Contamination
(September 2008)**

**2440 East Eleventh Street
Oakland CA**



Basemap: Aerial photograph, flown 24 August 1998,
photograph number ALA-AV-6100-11-38, original scale
1:12,000. Pacific Aerial Surveys, Oakland CA

Legend



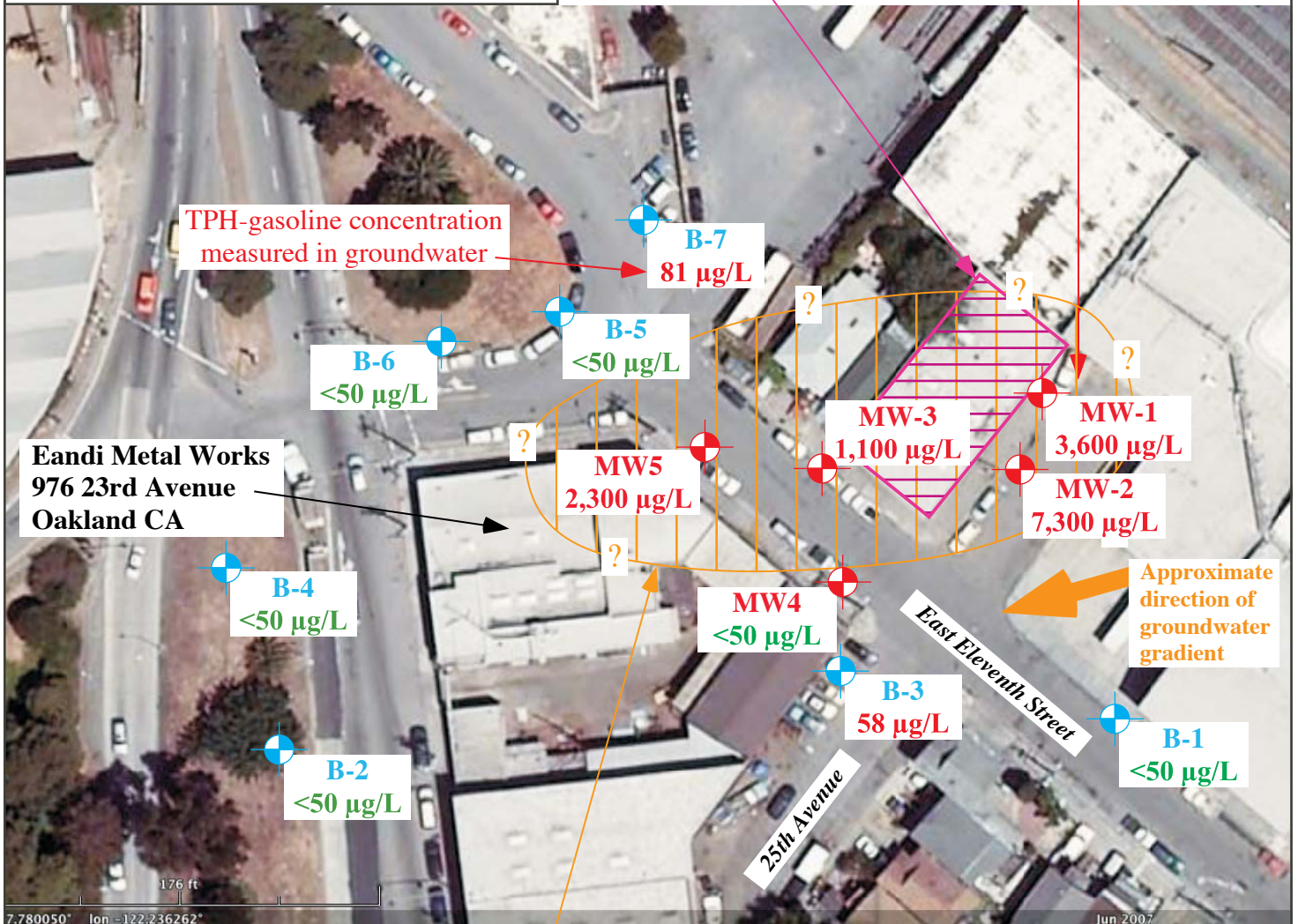
Monitoring well (sampled 8 Sep 2008)



Direct-push boring with temporarily-screened groundwater sample (12 Aug 2004)

Location of former 1,000-gallon underground gasoline tank

Eandi Metal Works
2440 East Eleventh Street
Oakland CA

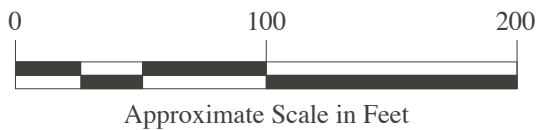


Approximate lateral extent of groundwater with TPH-gasoline concentrations greater than 100 µg/L. Area = ±27,000 square feet (±0.6 acre).

Figure 6b

**Estimated Extent of
Groundwater
Contamination
(September 2008)**

**2440 East Eleventh Street
Oakland CA**



Basemap: Google Earth, September 2008 (aerial photograph dated June 2007).

ATTACHMENT 1

Groundwater Sampling Forms

MONITORING WELL PURGE DATA

Project Name/Number: Eandi Metal Works / P279	Logged By: Darcy Hinkley
Property Location: 2440 East Eleventh Street, Oakland CA	Date: 8 September 2008
Well Number: MW1	Casing Diameter (in): 2
Purging Equipment: Submersible purge pump	Sample Type: Grab
Sampling Equipment: Bailer equipped with bottom-emptying device	Depth to Water: 11.90
Measuring Point: Top of casing, north side	Total Depth: 19.8
Free Product: None	Odor: Yes
Comments:	Sample Number: MW1

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

Total Depth (feet)	-	Depth to Water (feet)	x	0.04 gallons/foot for 1-inch well 0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well	=	Single Casing Volume (gallons)	x 3	Three Casing Volumes (gallons)
19.8	-	11.90	x	0.16	=	1.3	x 3	3.9

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	1124	1.76	6.68	535	18.8	-78.3	Clear	None	NO	Start purge
1.5	1126	1.03	6.82	538	18.7	-74.2	Clear	None	NO	
3	1128	0.95	6.83	535	18.4	-77.6	Clear	None	NO	
4	1130	0.95	6.87	526	18.4	-79.8	Clear	None	NO	
										Collect sample

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

MONITORING WELL PURGE DATA

Project Name/Number: Eandi Metal Works / P279	Logged By: Darcy Hinkley
Property Location: 2440 East Eleventh Street, Oakland CA	Date: 8 September 2008
Well Number: MW2	Casing Diameter (in): 2
Purging Equipment: Submersible purge pump	Sample Type: Grab
Sampling Equipment: Bailer equipped with bottom-emptying device	Depth to Water: 11.42
Measuring Point: Top of casing, north side	Total Depth: 19.8
Free Product: None	Odor: Yes
Comments:	Sample Number: MW2

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

Total Depth (feet)	-	Depth to Water (feet)	x	0.04 gallons/foot for 1-inch well 0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well	=	Single Casing Volume (gallons)		Three Casing Volumes (gallons)
19.8	-	11.42	x	0.16	=	1.6	x 3	4.8

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0.5	1305	0.90	7.37	661	20.9	-74.3	trans	gray	NO	Start purge
1.5	1307	0.82	7.53	651	20.5	-78.0	Clear	None	NO	
3.5	1310	1.28	7.51	662	19.3	-66.0	trans	gray	NO	
5	1312	1.46	7.53	666	19.0	-48.1	trans	gray	NO	
										Collect sample

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

MONITORING WELL PURGE DATA

Project Name/Number: Eandi Metal Works / P279	Logged By: Darcy Hinkley
Property Location: 2440 East Eleventh Street, Oakland CA	Date: 8 September 2008
Well Number: MW3	Casing Diameter (in): 2
Purging Equipment: Submersible purge pump	Sample Type: Grab
Sampling Equipment: Bailer equipped with bottom-emptying device	Depth to Water: 12.09
Measuring Point: Top of casing, north side	Total Depth: 19.6
Free Product: None	Odor: Yes
Comments:	Sample Number: MW3

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

Total Depth (feet)	-	Depth to Water (feet)	x	0.04 gallons/foot for 1-inch well 0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well	=	Single Casing Volume (gallons)	x 3	Three Casing Volumes (gallons)
19.6	-	12.09	x	0.16	=	1.2	x 3	3.6

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	1158	1.11	6.83	581	21.2	5.0	clear	None	NO	Start purge
1.5	1200	1.08	6.82	588	19.8	-26.5	clear	None	NO	
3	1203	0.99	6.89	600	19.9	-47.5	clear	None	NO	
4	1204	0.96	6.96	595	19.3	-49.9	clear	None	NO	
										Collect sample

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

MONITORING WELL PURGE DATA

Project Name/Number: Eandi Metal Works / P279	Logged By: Darcy Hinkley
Property Location: 2440 East Eleventh Street, Oakland CA	Date: 8 September 2008
Well Number: MW4	Casing Diameter (in): 2
Purging Equipment: Submersible purge pump	Sample Type: Grab
Sampling Equipment: Bailer equipped with bottom-emptying device	Depth to Water: 11.77
Measuring Point: Top of casing, north side	Total Depth: 17.3
Free Product: None	Odor: None
Comments:	Sample Number: MW4

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

Total Depth (feet)	-	Depth to Water (feet)	x	0.04 gallons/foot for 1-inch well 0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well	=	Single Casing Volume (gallons)		Three Casing Volumes (gallons)
17.3	-	11.77	x	0.16	=	0.9	x 3	2.7

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	1038	0.41	6.53	605	18.9	176.0	clear	None	NO	Start purge
1	1039	1.02	6.53	566	18.3	152.3	clear	None	NO	
2	1041	1.13	6.57	557	18.1	143.4	clear	None	NO	
3	1042	1.28	6.60	561	18.1	138.5	clear	None	NO	
										Collect sample

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

MONITORING WELL PURGE DATA

Project Name/Number: Eandi Metal Works / P279	Logged By: Darcy Hinkley
Property Location: 2440 East Eleventh Street, Oakland CA	Date: 8 September 2008
Well Number: MW5	Casing Diameter (in): 2
Purging Equipment: Submersible purge pump	Sample Type: Grab
Sampling Equipment: Bailer equipped with bottom-emptying device	Depth to Water: 11.57
Measuring Point: Top of casing, north side	Total Depth: 17.2
Free Product: None	Odor: yes
Comments:	Sample Number: MW5

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

Total Depth (feet)	-	Depth to Water (feet)	x	0.04 gallons/foot for 1-inch well 0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well	=	Single Casing Volume (gallons)	x 3	Three Casing Volumes (gallons)
17.2	-	11.57	x	0.16	=	0.9	x 3	2.7

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	1228	2.42	6.81	748	22.1	-74.9	clear	None	NO	Start purge
1	1229	1.94	6.77	739	21.8	-77.2	clear	None	NO	
2	1231	0.89	6.82	730	20.8	-76.5	clear	None	NO	
3	1232	0.99	7.14	731	20.4	-75.6	clear	None	NO	
										Collect sample

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

ATTACHMENT 2

Laboratory Reports and Chain-of-Custody
Forms

Wednesday, September 24, 2008 4:36:20PM

Information at Streamborn
Streamborn
PO Box 8330
Berkeley, CA 94707-8330

RE: 2440 East Eleven Street
Work Order: MRI0336

Enclosed are the results of analyses for samples received by the laboratory on 09/09/08 17:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tim Costello
Client Services Manager

CA ELAP Certificate # 2682

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

The report shall not be reproduced except in full, without the written approval of the laboratory. The client, by accepting this report, also agrees not to alter any reports whether in the hard copy or electronic format and to use reasonable efforts to preserve the reports in the form and substance originally provided by TestAmerica.

For Volatile Analysis a trip blank is required to be provided. If trip blank results are not included in the report, then either the trip blank was not submitted or requested to be analyzed.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW4	MRI0336-01	Water	09/08/08 10:42	09/09/08 17:25
MW1	MRI0336-02	Water	09/08/08 11:30	09/09/08 17:25
MW3	MRI0336-03	Water	09/08/08 12:04	09/09/08 17:25
MW5	MRI0336-04	Water	09/08/08 12:32	09/09/08 17:25
MW2	MRI0336-05	Water	09/08/08 13:12	09/09/08 17:25

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW4 (MRI0336-01) Water Sampled: 09/08/08 10:42 Received: 09/09/08 17:25									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8117005	09/17/08	09/17/08	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		112 %	75-130		"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		102 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	70-120		"	"	"	"	
MW1 (MRI0336-02) Water Sampled: 09/08/08 11:30 Received: 09/09/08 17:25									
Gasoline Range Organics (C4-C12)	3600	250	ug/l	5	8118005	09/18/08	09/18/08	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		108 %	75-130		"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		107 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99 %	70-120		"	"	"	"	
MW3 (MRI0336-03) Water Sampled: 09/08/08 12:04 Received: 09/09/08 17:25									
Gasoline Range Organics (C4-C12)	1100	50	ug/l	1	8118005	09/18/08	09/18/08	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		107 %	75-130		"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		107 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	70-120		"	"	"	"	
MW5 (MRI0336-04) Water Sampled: 09/08/08 12:32 Received: 09/09/08 17:25									
Gasoline Range Organics (C4-C12)	2300	50	ug/l	1	8117005	09/17/08	09/17/08	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		111 %	75-130		"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		108 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96 %	70-120		"	"	"	"	

Streamborn PO Box 8330 Berkeley CA, 94707-8330	Project: 2440 East Eleven Street Project Number: P279 Project Manager: Information at Streamborn	MRI0336 Reported: 09/24/08 16:35
--	--	---

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

MW2 (MRI0336-05) Water Sampled: 09/08/08 13:12 Received: 09/09/08 17:25

Gasoline Range Organics (C4-C12)	7300	250	ug/l	5	8117005	09/17/08	09/17/08	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		106 %	75-130		"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		106 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98 %	70-120		"	"	"	"	

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

MW4 (MRI0336-01) Water **Sampled: 09/08/08 10:42** **Received: 09/09/08 17:25**

Benzene	ND	0.50	ug/l	1	8117005	09/17/08	09/17/08	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	

<i>Surrogate: Dibromofluoromethane</i>		100 %		80-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %		75-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90 %		70-120	"	"	"	"	

MW1 (MRI0336-02) Water **Sampled: 09/08/08 11:30** **Received: 09/09/08 17:25**

Benzene	14	0.50	ug/l	1	8117005	09/17/08	09/17/08	EPA 8260B	
Toluene	6.5	0.50	"	"	"	"	"	"	
Xylenes (total)	19	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.62	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	

<i>Surrogate: Dibromofluoromethane</i>		100 %		80-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %		75-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		114 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %		70-120	"	"	"	"	

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW1 (MRI0336-02RE1) Water Sampled: 09/08/08 11:30 Received: 09/09/08 17:25									
Ethylbenzene	200	2.5	ug/l	5	8118005	09/18/08	09/18/08	EPA 8260B	
Surrogate: Dibromofluoromethane		100 %	80-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		108 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		107 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99 %	70-120		"	"	"	"	
MW3 (MRI0336-03) Water Sampled: 09/08/08 12:04 Received: 09/09/08 17:25									
Benzene	3.6	0.50	ug/l	1	8118005	09/18/08	09/18/08	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	0.70	0.50	"	"	"	"	"	"	
Xylenes (total)	1.1	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.59	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	80-120		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		107 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		107 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	70-120		"	"	"	"	
MW5 (MRI0336-04) Water Sampled: 09/08/08 12:32 Received: 09/09/08 17:25									
Benzene	9.7	0.50	ug/l	1	8117005	09/17/08	09/17/08	EPA 8260B	
Toluene	0.75	0.50	"	"	"	"	"	"	
Ethylbenzene	7.7	0.50	"	"	"	"	"	"	
Xylenes (total)	5.9	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	2.3	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

MW5 (MRI0336-04) Water **Sampled: 09/08/08 12:32** **Received: 09/09/08 17:25**

Surrogate: Dibromofluoromethane	100 %	80-120	8117005	09/17/08	09/17/08	EPA 8260B
Surrogate: 1,2-Dichloroethane-d4	111 %	75-130	"	"	"	"
Surrogate: Toluene-d8	108 %	80-120	"	"	"	"
Surrogate: 4-Bromofluorobenzene	96 %	70-120	"	"	"	"

MW2 (MRI0336-05) Water **Sampled: 09/08/08 13:12** **Received: 09/09/08 17:25**

Benzene	ND	2.5	ug/l	5	8117005	09/17/08	09/17/08	EPA 8260B
Toluene	ND	2.5	"	"	"	"	"	"
Ethylbenzene	290	2.5	"	"	"	"	"	"
Xylenes (total)	12	2.5	"	"	"	"	"	"
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"
tert-Amyl methyl ether	ND	2.5	"	"	"	"	"	"
tert-Butyl alcohol	ND	100	"	"	"	"	"	"
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"
Ethanol	ND	500	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	100 %	80-120	"	"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	106 %	75-130	"	"	"	"	"	"
Surrogate: Toluene-d8	106 %	80-120	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	98 %	70-120	"	"	"	"	"	"

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8I17005 - EPA 5030B P/T / LUFT GCMS

Blank (8I17005-BLK1)

Prepared & Analyzed: 09/17/08

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	7.84		"	7.50		105	75-130			
Surrogate: Dibromofluoromethane	7.50		"	7.50		100	80-120			
Surrogate: Toluene-d8	7.54		"	7.50		101	80-120			
Surrogate: 4-Bromofluorobenzene	6.95		"	7.50		93	70-120			

Laboratory Control Sample (8I17005-BS2)

Prepared & Analyzed: 09/17/08

Gasoline Range Organics (C4-C12)	503	50	ug/l	500		101	65-140			
Surrogate: 1,2-Dichloroethane-d4	7.97		"	7.50		106	75-130			
Surrogate: Dibromofluoromethane	7.50		"	7.50		100	80-120			
Surrogate: Toluene-d8	7.96		"	7.50		106	80-120			
Surrogate: 4-Bromofluorobenzene	7.38		"	7.50		98	70-120			

Laboratory Control Sample Dup (8I17005-BS2)

Prepared & Analyzed: 09/17/08

Gasoline Range Organics (C4-C12)	485	50	ug/l	500		97	65-140	4	20	
Surrogate: 1,2-Dichloroethane-d4	7.76		"	7.50		103	75-130			
Surrogate: Dibromofluoromethane	7.50		"	7.50		100	80-120			
Surrogate: Toluene-d8	7.81		"	7.50		104	80-120			
Surrogate: 4-Bromofluorobenzene	7.32		"	7.50		98	70-120			

Matrix Spike (8I17005-MS1)

Source: MRI0378-01

Prepared & Analyzed: 09/17/08

Gasoline Range Organics (C4-C12)	576	50	ug/l	800	ND	72	45-150			
Surrogate: 1,2-Dichloroethane-d4	8.14		"	7.50		109	75-130			
Surrogate: Dibromofluoromethane	7.66		"	7.50		102	80-120			
Surrogate: Toluene-d8	7.90		"	7.50		105	80-120			
Surrogate: 4-Bromofluorobenzene	7.48		"	7.50		100	70-120			

Matrix Spike Dup (8I17005-MSD1)

Source: MRI0378-01

Prepared & Analyzed: 09/17/08

Gasoline Range Organics (C4-C12)	914	50	ug/l	800	ND	114	45-150	45	20	R2
Surrogate: 1,2-Dichloroethane-d4	8.10		"	7.50		108	75-130			
Surrogate: Dibromofluoromethane	7.74		"	7.50		103	80-120			
Surrogate: Toluene-d8	7.82		"	7.50		104	80-120			
Surrogate: 4-Bromofluorobenzene	7.40		"	7.50		99	70-120			

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8I18005 - EPA 5030B P/T / LUFT GCMS

Blank (8I18005-BLK1)

Prepared & Analyzed: 09/18/08

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	8.08		"	7.50		108	75-130			
Surrogate: Dibromofluoromethane	7.50		"	7.50		100	80-120			
Surrogate: Toluene-d8	7.68		"	7.50		102	80-120			
Surrogate: 4-Bromofluorobenzene	6.76		"	7.50		90	70-120			

Laboratory Control Sample (8I18005-BS2)

Prepared & Analyzed: 09/18/08

Gasoline Range Organics (C4-C12)	531	50	ug/l	500		106	65-140			
Surrogate: 1,2-Dichloroethane-d4	7.86		"	7.50		105	75-130			
Surrogate: Dibromofluoromethane	7.50		"	7.50		100	80-120			
Surrogate: Toluene-d8	7.96		"	7.50		106	80-120			
Surrogate: 4-Bromofluorobenzene	7.24		"	7.50		97	70-120			

Laboratory Control Sample Dup (8I18005-BS2)

Prepared & Analyzed: 09/18/08

Gasoline Range Organics (C4-C12)	532	50	ug/l	500		106	65-140	0.3	20	
Surrogate: 1,2-Dichloroethane-d4	7.84		"	7.50		105	75-130			
Surrogate: Dibromofluoromethane	7.50		"	7.50		100	80-120			
Surrogate: Toluene-d8	8.00		"	7.50		107	80-120			
Surrogate: 4-Bromofluorobenzene	7.33		"	7.50		98	70-120			

Matrix Spike (8I18005-MS1)

Source: MRI0344-02

Prepared & Analyzed: 09/18/08

Gasoline Range Organics (C4-C12)	1070	50	ug/l	800	ND	134	45-150			
Surrogate: 1,2-Dichloroethane-d4	8.41		"	7.50		112	75-130			
Surrogate: Dibromofluoromethane	7.77		"	7.50		104	80-120			
Surrogate: Toluene-d8	7.88		"	7.50		105	80-120			
Surrogate: 4-Bromofluorobenzene	7.62		"	7.50		102	70-120			

Matrix Spike Dup (8I18005-MSD1)

Source: MRI0344-02

Prepared & Analyzed: 09/18/08

Gasoline Range Organics (C4-C12)	1080	50	ug/l	800	ND	135	45-150	0.6	20	
Surrogate: 1,2-Dichloroethane-d4	8.40		"	7.50		112	75-130			
Surrogate: Dibromofluoromethane	7.82		"	7.50		104	80-120			
Surrogate: Toluene-d8	8.03		"	7.50		107	80-120			
Surrogate: 4-Bromofluorobenzene	7.60		"	7.50		101	70-120			

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8117005 - EPA 5030B P/T / EPA 8260B

Blank (8117005-BLK1)

Prepared & Analyzed: 09/17/08

Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Ethanol	ND	100	"							
<i>Surrogate: Dibromofluoromethane</i>	7.50		"	7.50		100	80-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	7.84		"	7.50		105	75-130			
<i>Surrogate: Toluene-d8</i>	7.54		"	7.50		101	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	6.95		"	7.50		93	70-120			

Laboratory Control Sample (8117005-BS1)

Prepared & Analyzed: 09/17/08

Benzene	10.4	0.50	ug/l	10.0		104	80-120			
Toluene	10.6	0.50	"	10.0		106	80-125			
Ethylbenzene	10.6	0.50	"	10.0		106	80-130			
Xylenes (total)	31.3	0.50	"	30.0		104	80-130			
Methyl tert-butyl ether	11.0	0.50	"	10.0		110	80-130			
Di-isopropyl ether	11.0	0.50	"	10.0		110	70-130			
Ethyl tert-butyl ether	11.2	0.50	"	10.0		112	75-130			
tert-Amyl methyl ether	10.8	0.50	"	10.0		108	75-125			
tert-Butyl alcohol	193	20	"	200		96	80-120			
1,2-Dichloroethane	10.3	0.50	"	10.0		103	80-125			
1,2-Dibromoethane (EDB)	10.3	0.50	"	10.0		103	80-125			
Ethanol	201	100	"	200		101	50-150			
<i>Surrogate: Dibromofluoromethane</i>	7.52		"	7.50		100	80-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	7.76		"	7.50		103	75-130			
<i>Surrogate: Toluene-d8</i>	7.85		"	7.50		105	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	7.27		"	7.50		97	70-120			

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8117005 - EPA 5030B P/T / EPA 8260B

Matrix Spike (8117005-MS1)

Source: MRI0378-01

Prepared & Analyzed: 09/17/08

Benzene	10.8	0.50	ug/l	10.0	ND	108	75-125			
Toluene	10.9	0.50	"	10.0	ND	109	80-130			
Ethylbenzene	10.9	0.50	"	10.0	ND	109	75-135			
Xylenes (total)	32.3	0.50	"	30.0	0.120	107	80-140			
Methyl tert-butyl ether	11.7	0.50	"	10.0	ND	117	75-145			
Di-isopropyl ether	11.6	0.50	"	10.0	ND	116	75-135			
Ethyl tert-butyl ether	12.0	0.50	"	10.0	ND	120	80-135			
tert-Amyl methyl ether	11.3	0.50	"	10.0	ND	113	75-140			
tert-Butyl alcohol	202	20	"	200	2.91	99	80-125			
1,2-Dichloroethane	11.0	0.50	"	10.0	ND	110	80-140			
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0	ND	109	80-135			
Ethanol	223	100	"	200	ND	112	50-150			
<i>Surrogate: Dibromofluoromethane</i>	<i>7.66</i>		<i>"</i>	<i>7.50</i>		<i>102</i>	<i>80-120</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.14</i>		<i>"</i>	<i>7.50</i>		<i>109</i>	<i>75-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>7.90</i>		<i>"</i>	<i>7.50</i>		<i>105</i>	<i>80-120</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>7.48</i>		<i>"</i>	<i>7.50</i>		<i>100</i>	<i>70-120</i>			

Matrix Spike Dup (8117005-MSD1)

Source: MRI0378-01

Prepared & Analyzed: 09/17/08

Benzene	10.6	0.50	ug/l	10.0	ND	106	75-125	1	20	
Toluene	10.7	0.50	"	10.0	ND	107	80-130	2	25	
Ethylbenzene	10.8	0.50	"	10.0	ND	108	75-135	1	20	
Xylenes (total)	31.8	0.50	"	30.0	0.120	105	80-140	2	20	
Methyl tert-butyl ether	11.8	0.50	"	10.0	ND	118	75-145	2	25	
Di-isopropyl ether	11.6	0.50	"	10.0	ND	116	75-135	0.3	25	
Ethyl tert-butyl ether	12.0	0.50	"	10.0	ND	120	80-135	0.3	25	
tert-Amyl methyl ether	11.3	0.50	"	10.0	ND	113	75-140	0.3	25	
tert-Butyl alcohol	199	20	"	200	2.91	98	80-125	1	25	
1,2-Dichloroethane	10.8	0.50	"	10.0	ND	108	80-140	2	25	
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0	ND	109	80-135	0.09	30	
Ethanol	204	100	"	200	ND	102	50-150	9	25	
<i>Surrogate: Dibromofluoromethane</i>	<i>7.74</i>		<i>"</i>	<i>7.50</i>		<i>103</i>	<i>80-120</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.10</i>		<i>"</i>	<i>7.50</i>		<i>108</i>	<i>75-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>7.82</i>		<i>"</i>	<i>7.50</i>		<i>104</i>	<i>80-120</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>7.40</i>		<i>"</i>	<i>7.50</i>		<i>99</i>	<i>70-120</i>			

TestAmerica Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8118005 - EPA 5030B P/T / EPA 8260B

Blank (8118005-BLK1)

Prepared & Analyzed: 09/18/08

Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Ethanol	ND	100	"							
<i>Surrogate: Dibromofluoromethane</i>	7.50		"	7.50		100	80-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.08		"	7.50		108	75-130			
<i>Surrogate: Toluene-d8</i>	7.68		"	7.50		102	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	6.76		"	7.50		90	70-120			

Laboratory Control Sample (8118005-BS1)

Prepared & Analyzed: 09/18/08

Benzene	10.3	0.50	ug/l	10.0		103	80-120			
Toluene	10.4	0.50	"	10.0		104	80-125			
Ethylbenzene	10.8	0.50	"	10.0		108	80-130			
Xylenes (total)	32.0	0.50	"	30.0		107	80-130			
Methyl tert-butyl ether	10.5	0.50	"	10.0		105	80-130			
Di-isopropyl ether	10.9	0.50	"	10.0		109	70-130			
Ethyl tert-butyl ether	11.1	0.50	"	10.0		111	75-130			
tert-Amyl methyl ether	10.4	0.50	"	10.0		104	75-125			
tert-Butyl alcohol	194	20	"	200		97	80-120			
1,2-Dichloroethane	10.0	0.50	"	10.0		100	80-125			
1,2-Dibromoethane (EDB)	10.1	0.50	"	10.0		101	80-125			
Ethanol	228	100	"	200		114	50-150			
<i>Surrogate: Dibromofluoromethane</i>	7.54		"	7.50		101	80-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	7.60		"	7.50		101	75-130			
<i>Surrogate: Toluene-d8</i>	7.81		"	7.50		104	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	7.40		"	7.50		99	70-120			

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8118005 - EPA 5030B P/T / EPA 8260B

Matrix Spike (8118005-MS1)

Source: MRI0344-02

Prepared & Analyzed: 09/18/08

Benzene	11.7	0.50	ug/l	10.0	ND	117	75-125			
Toluene	12.0	0.50	"	10.0	ND	120	80-130			
Ethylbenzene	12.0	0.50	"	10.0	ND	120	75-135			
Xylenes (total)	35.6	0.50	"	30.0	ND	119	80-140			
Methyl tert-butyl ether	13.8	0.50	"	10.0	ND	138	75-145			
Di-isopropyl ether	13.2	0.50	"	10.0	ND	132	75-135			
Ethyl tert-butyl ether	13.9	0.50	"	10.0	ND	139	80-135			M7
tert-Amyl methyl ether	13.0	0.50	"	10.0	ND	130	75-140			
tert-Butyl alcohol	221	20	"	200	6.19	108	80-125			
1,2-Dichloroethane	12.6	0.50	"	10.0	ND	126	80-140			
1,2-Dibromoethane (EDB)	13.1	0.50	"	10.0	ND	131	80-135			
Ethanol	244	100	"	200	29.4	107	50-150			
<i>Surrogate: Dibromofluoromethane</i>	7.77		"	7.50		104	80-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.41		"	7.50		112	75-130			
<i>Surrogate: Toluene-d8</i>	7.88		"	7.50		105	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	7.62		"	7.50		102	70-120			

Matrix Spike Dup (8118005-MSD1)

Source: MRI0344-02

Prepared & Analyzed: 09/18/08

Benzene	11.9	0.50	ug/l	10.0	ND	119	75-125	2	20	
Toluene	12.3	0.50	"	10.0	ND	123	80-130	2	25	
Ethylbenzene	12.0	0.50	"	10.0	ND	120	75-135	0.2	20	
Xylenes (total)	35.6	0.50	"	30.0	ND	119	80-140	0.1	20	
Methyl tert-butyl ether	14.2	0.50	"	10.0	ND	142	75-145	3	25	
Di-isopropyl ether	13.6	0.50	"	10.0	ND	136	75-135	3	25	M7
Ethyl tert-butyl ether	14.2	0.50	"	10.0	ND	142	80-135	2	25	M7
tert-Amyl methyl ether	13.4	0.50	"	10.0	ND	134	75-140	3	25	
tert-Butyl alcohol	222	20	"	200	6.19	108	80-125	0.4	25	
1,2-Dichloroethane	13.0	0.50	"	10.0	ND	130	80-140	3	25	
1,2-Dibromoethane (EDB)	13.8	0.50	"	10.0	ND	138	80-135	5	30	M7
Ethanol	230	100	"	200	29.4	100	50-150	6	25	
<i>Surrogate: Dibromofluoromethane</i>	7.82		"	7.50		104	80-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.40		"	7.50		112	75-130			
<i>Surrogate: Toluene-d8</i>	8.03		"	7.50		107	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	7.60		"	7.50		101	70-120			

TestAmerica Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Streamborn
PO Box 8330
Berkeley CA, 94707-8330

Project: 2440 East Eleven Street
Project Number: P279
Project Manager: Information at Streamborn

MRI0336
Reported:
09/24/08 16:35

Notes and Definitions

R2 The RPD exceeded the acceptance limit.

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

STREAMBORN
Chain-of-Custody Form

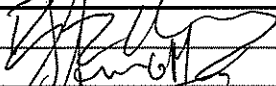
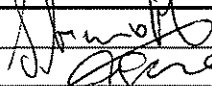
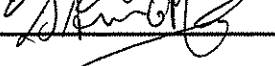

MR10336

9

Project Name: 2440 East Eleventh Street	Project Location: 2440 East Eleventh Street, Oakland CA	Project Number: P279
Sampler: Darcy Hinkley	Laboratory: TestAmerica	Laboratory Number: 408-782-8126

Sample Designation	Date	Time	Matrix			Type	Containers		Preservative (in addition to ice)	Field Filtration	Turnaround			Analyses					Sampler Comments	Laboratory Comments		
			Soil	Water	Vapor	Grab	Composite	Quantity			Type	48-Hour	5-Working Days	10-Working Days	TPH-gasoline/ BTEX/fuel oxygenates (EPA 8260)							
1 MW4	8-Sep-08	1042		x		x		3	40 mL VOA	HCl	None			x			x					
2 MW1	8-Sep-08	1130		x		x		3	40 mL VOA	HCl	None			x			x					
3 MW3	8-Sep-08	1204		x		x		3	40 mL VOA	HCl	None			x			x					
4 MW5	8-Sep-08	1232		x		x		3	40 mL VOA	HCl	None			x			x					
5 MW2	8-Sep-08	1312		x		x		3	40 mL VOA	HCl	None			x			x	x				

Note: Sampler and laboratory to observe preservative, condition, integrity, etc. of samples and record (under "Comments") any exceptions from standard protocols.

Relinquished By: 	Received By:  (TRMM)	Date: 9/9/08	Time: 1525
Relinquished By: 	Received By: 	Date: 9-9-08	Time: 1725

STREAMBORN Mail: PO Box 8330, Berkeley CA 94707-8330 Office: 900 Santa Fe Ave, Albany CA 94706 510-528-4234 Fax: 528-2613

Report results to information@streamborn.com

Prepare EDF for Geotracker Upload? Yes	Streamborn Logcode: SBA	Global ID: T0600100858
--	-------------------------	------------------------

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: STREAMBORN
 REC. BY (PRINT) AG
 WORKORDER: MR10336

DATE REC'D AT LAB: 9/9/08
 TIME REC'D AT LAB: 17:25
 DATE LOGGED IN: 9/12/08

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESER VATIVE	pH**	SAMPLE MATRIX	DATE SAMPLED	Temp. >6°C	REMARKS: CONDITION
1. Custody Seal(s) Present / <u>Absent</u> Intact / Broken*									X AB 9/9/08 see COC
2. Chain-of-Custody <u>Present</u> / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill / Sticker - Present / <u>Absent</u> Tracking #									
5. Sample Condition: <u>Intact</u> / Leaking* / Broken*									
6. Samples labeled <u>Yes</u> / No*									
7. Sample ID's listed on COC <u>Yes</u> / No*									
8. Does information on COC and sample labels agree? <u>Yes</u> / No*									
9. Sample received within hold time: <u>Yes</u> / No*									
10. Adequate sample volume received <u>Yes</u> / No*									
11. Proper preservatives used <u>Yes</u> / No*									
12. Trip Blank / Temp Blank Received? (circle which if yes) <u>Yes</u> / No*									
13. Thermometer Used : IR-1 / <u>IR-3</u> / Backup									
14. Cooler RT*** CF*** CT***									
1 <u>5.2</u> <u>-1.0</u> <u>4.2</u>									
2 _____									
3 _____									
4 _____									
5 _____									
15. Is/Are corrected temp 0-6°C? <u>Yes</u> / No*									

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION
 **CHECK SAMPLE PREP LOG IF NOT INDICATED
 *** Read Temperature/Correction Factor/Corrected Temperature