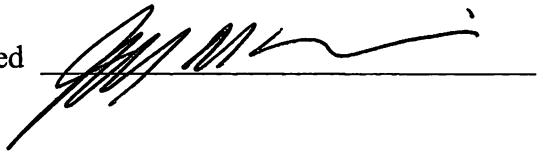
Declaration from the Responsible Party

Letter Report
Groundwater Monitoring Conducted 1 September 2009
2440 East Eleventh Street
Oakland CA
RO No. 29

Prepared by Streamborn, Dated 30 September 2009

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 30 September 2009

STREAMBORN

510.528.4234
Fax 528.2613

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

30 September 2009

Project No. P279

Letter Report
Groundwater Monitoring Conducted 1 September 2009
2440 East Eleventh Street
Oakland CA
RO No. 29

Dear Mr. Eandi (hardcopy):

This letter report documents the results of groundwater monitoring conducted 1 September 2009 for monitoring wells MW1, MW2, MW3, MW4, and MW5 at/near 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 provides a vicinity map.
- Figure 3 provides a site plan.
- Figure 4 shows the groundwater levels and gradient (1 September 2009).
- Figure 5 shows temporal concentrations of TPH-gasoline in the monitoring wells.
- Attachment 1 contains the groundwater sampling forms.
- Attachment 2 contains the laboratory reports and chain-of-custody forms.
- Attachment 3 contains the results of the Geotracker survey conducted 28 August 2009.

The groundwater monitoring results for 1 September 2009 are consistent with historic results.

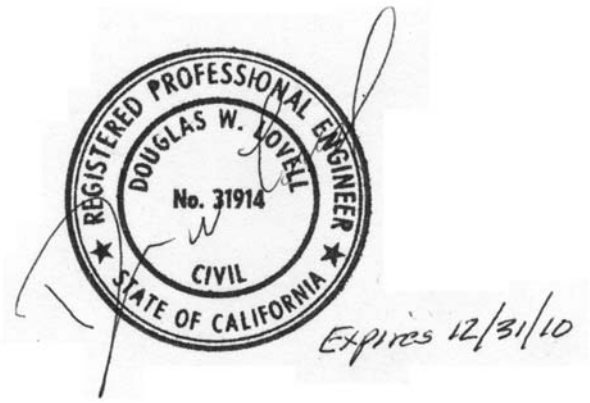
The next groundwater-monitoring event is scheduled circa March/April 2010.

Please contact us with any questions or comments.

Sincerely,

STREAMBORN

Douglas W. Lovell, PE
Geoenvironmental Engineer



Attachments

Electronic Submission: This report, the water levels, and the laboratory EDF were uploaded to Geotracker (http://geotracker.swrcb.ca.gov/). This report was also uploaded to the Alameda County server.

Table 1 (Page 1 of 2)

Environmental Chronology

2440 East Eleventh Street
Oakland CA

Date	Performed By	Event
Unknown	Unknown	• 1,000-gallon underground leaded gasoline tank was installed.
15 August 1991	Eandi Metal Works	• The 1,000-gallon tank was emptied of product. Use of the tank was discontinued.
11 May 1992	Unknown	• The 1,000-gallon tank was removed and soil and groundwater contamination was discovered.
10 July 1995	AGI Technologies	• 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 wells MW1, MW2, and MW3. • 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 wells MW1, MW2, and MW3.
17 July 1995	AGI Technologies	• Groundwater levels were measured in wells MW1, MW2, and MW3. • Groundwater samples were collected from wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead.
20 October 1995	AGI Technologies	• Groundwater levels were measured in wells MW1, MW2, and MW3. • Groundwater samples were collected from wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, and total lead.
25 January 1996	AGI Technologies	• Groundwater levels were measured in wells MW1, MW2, and MW3. • Groundwater samples were collected from wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead.
25 April 1996	AGI Technologies	• Groundwater levels were measured in wells MW1, MW2, and MW3. • Groundwater samples were collected from wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead.
11 - 12 June 2001	Kleinfelder	• Groundwater levels were measured in wells MW1, MW2, and MW3. • Groundwater samples were collected from wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, and total lead.
5 February 2002	Kleinfelder	• Groundwater levels were measured in wells MW1, MW2, and MW3. • Groundwater samples were collected from wells MW1, MW2, and MW3. Samples were analyzed for TPH-gasoline, BTEX, MtBE, and total lead.
9 June 2004	Streamborn	• 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	• Groundwater levels were measured in wells MW1, MW2, and MW3. • Groundwater samples were collected from 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	• 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	• Groundwater levels were measured in wells MW1, MW2, and MW3. • Groundwater samples were collected from 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	• 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). • The elevations of wells MW4 and MW5 were surveyed.
2 October 2006	Streamborn	• Wells MW4 and MW5 were developed. • Groundwater levels were measured in wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from 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	• Groundwater levels were measured in wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).
10 September 2007	Streamborn	• Groundwater levels were measured in wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).
10 March 2008	Streamborn	• Groundwater levels were measured in wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).
8 September 2008	Streamborn	• Groundwater levels were measured in wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).
3 March 2009	Streamborn	• Groundwater levels were measured in wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from wells MW1, MW2, MW3, MW4, and MW5. Samples were analyzed for TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260).
28 August 2009	Streamborn	• Virgil Chavez Land Surveying (Vallejo CA) surveyed wells MW1 through MW5 to the NAD83 horizontal datum and the NAVD88 vertical datum.
1 September 2009	Streamborn	• Groundwater levels were measured in wells MW1, MW2, MW3, MW4, and MW5. • Groundwater samples were collected from 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)

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2440 East Eleventh Street
Oakland CA

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Oakland CA

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Table 3

Groundwater Level and Gradient Data

2440 East Eleventh Street
Oakland CA

Location	MW1		MW2		MW3		MW4		MW5		Groundwater Gradient	
Ground Surface Elevation	24.51		24.21		23.06		23.12		22.59			
Casing Diameter (inches)	2		2		2		2		2			
Surveyed Latitude and Longitude (NAD83)	37.7801530 -122.2358181		37.7800499 -122.2358522		37.7800410 -122.2361722		37.7799066 -122.2361136		37.7800613 -122.2363355			
Measuring Point	**TOC N Side Elev = 24.14**		**TOC N Side Elev = 23.92**		**TOC N Side Elev = 22.69**		**TOC N Side Elev = 22.45**		**TOC N Side Elev = 21.94**			
Intercepted Interval	Depth	Elev	Depth	Elev	Depth	Elev	Depth	Elev	Depth	Elev		
	9 to 20	4.5 to 15.5	9 to 20	4.2 to 15.2	9 to 20	3.1 to 14.1	6 to 17	6.1 to 17.1	6 to 17	5.6 to 16.6	Direction	Magnitude
14 July 1995	9.72	14.42	10.74	13.18	10.95	11.74						
17 July 1995	11.11	13.03	10.93	12.99	11.04	11.65						
20 October 1995	11.96	12.18	11.92	12.00	12.11	10.58						
25 January 1996	8.14	16.00	8.23	15.69	8.83	13.86						
11-12 June 2001	10.35	13.79	11.50	12.42	11.08	11.61						
5 February 2002	11.00	13.14	11.10	12.82	11.30	11.39						
12 August 2004	10.95	13.19	11.17	12.75	11.77	10.92					N 115° W	0.02
2 March 2005	8.25	15.89	8.44	15.48	9.36	13.33					N 120° W	0.03
2 October 2006	11.08	13.06	11.15	12.77	11.79	10.90	11.48	10.97	11.28	10.66	N 126° W	0.02
20 March 2007	10.96	13.18	10.78	13.14	10.91	11.78	10.57	11.88	10.41	11.53	N 127° W	0.01
10 September 2007	11.24	12.90	11.54	12.38	12.20	10.49	11.91	10.54	11.68	10.26	N 128° W	0.02
10 March 2008	10.74	13.40	10.89	13.03	10.60	12.09	10.28	12.17	10.16	11.78	N 114° W	0.01
8 September 2008	11.73	12.41	11.42	12.50	12.09	10.60	11.77	10.68	11.57	10.37	N 124° W	0.01
3 March 2009	8.31	15.83	8.22	15.70	9.30	13.39	8.98	13.47	8.93	13.01	N 117° W	0.02
1 September 2009	10.99	13.15	11.29	12.63	11.97	10.72	11.68	10.77	11.45	10.49	N 114° W	0.02
Total Depth (Last Measurement)	19.8		19.8		19.6		17.3		17.2			

General Notes

(a) Elevations are cited in units of feet, relative to the NAVD88 datum (NOT Mean Sea Level).

(b) TOC = top of PVC casing. N = north. Measuring points were the top of the PVC casing, north side.

(c) The intercepted intervals correspond to the sand pack interval. The depths of the intercepted intervals were measured relative to ground surface.

(d) On 28 August 2009, Virgil Chavez Land Surveying (Vallejo CA) surveyed wells MW1 through MW5. Horizontal coordinates were surveyed relative to the NAD83 datum. Elevations were surveyed relative to the NAVD88 datum. According to Virgil Chavez Land Surveying, subtract 2.726 feet from the NAVD88 elevations to convert to NGVD29 (Mean Sea Level) datum. Previous surveys had been conducted by HTT Engineering (Oakland CA) and Streamborn; however, the data in this table are based solely on the survey by Virgil Chavez Land Surveying.

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
	3 Mar 09	Grab	SPP	11	6	±3	no	0.8	6.8	480	15.8	-60	Clear/none
	1 Sep 09	Grab	SPP	15	5	±3	no	0.8	6.8	500	19.2	-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
	3 Mar 09	Grab	SPP	11	6	±3	no	0.9	6.9	690	15.9	-50	Clear/none
	1 Sep 09	Grab	SPP	14	5	±3	no	0.7	6.9	670	21.1	-60	Translucent/gray
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
	3 Mar 09	Grab	SPP	7	5	±3	no	0.9	6.8	620	16.7	-50	Clear/none
	1 Sep 09	Grab	SPP	12	4	±3	no	0.8	6.8	570	19.6	-60	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
	3 Mar 09	Grab	SPP	7	4	±3	no	2.0	6.6	590	15.8	280	Clear/none
	1 Sep 09	Grab	SPP	9	3	±3	no	0.9	6.6	530	18.3	130	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
	3 Mar 09	Grab	SPP	8	4	±3	no	0.8	6.9	670	16.1	-80	Clear/none
	1 Sep 09	Grab	SPP	9	3	±3	no	0.9	6.8	660	19.9	-70	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)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	1,2-Dichloro-ethane (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
	3 Mar 2009	Grab	NM	1,600	5.2	2.1	68	9.7	NM	NM	0.56	<0.5 to <5
	1 Sep 2009	Grab	NM	1,700	7.0	2.2	64	4.2	NM	NM	<0.5	<0.5 to <5
MW2	17 Jul 1995	Grab	56.4	21,000	370	1,700	930	5,100	NM	NM	<125	<0.5 to <5
	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
	3 Mar 2009	Grab	NM	3,700	<0.5	1.1	<0.5	4.7	NM	NM	<0.5	<0.5 to <5
	1 Sep 2009	Grab	NM	5,100	1.4	1.8	140	9.2	NM	NM	<1.0	<1.0 to <10
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
	3 Mar 2009	Grab	NM	2,100	14	1.6	16	14	NM	NM	<0.5	<0.5 to <5
	1 Sep 2009	Grab	NM	1,400	4.7	<0.5	0.52	1.7	NM	NM	<0.5	<0.5 to <5
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 2007	Grab	NM	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NM	<0.5	<0.5 to <100
	10 Sep 2007	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
	3 Mar 2009	Grab	NM	<50	<0.5	<0.5	<0.5	<1	NM	NM	<0.5	<0.5 to <5
	1 Sep 2009	Grab	NM	<50	<0.5	<0.5	<0.5	<1.0	NM	NM	<0.5	<0.5 to <5
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 2007	Grab	NM	2,800	13	1.5	27	35	<0.5	NM	1.6	<0.5 to <100
	10 Sep 2007	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
	3 Mar 2009	Grab	NM	2,600	11	4	60	30	NM	NM	<2.5	<2.5 to <25
	1 Sep 2009	Grab	NM	1,800	5.5	0.68	5.5	2.5	NM	NM	0.98	<0.5 to <5

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.

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

STREAMBORN

N

0 500 1,000

Approximate Scale in Feet

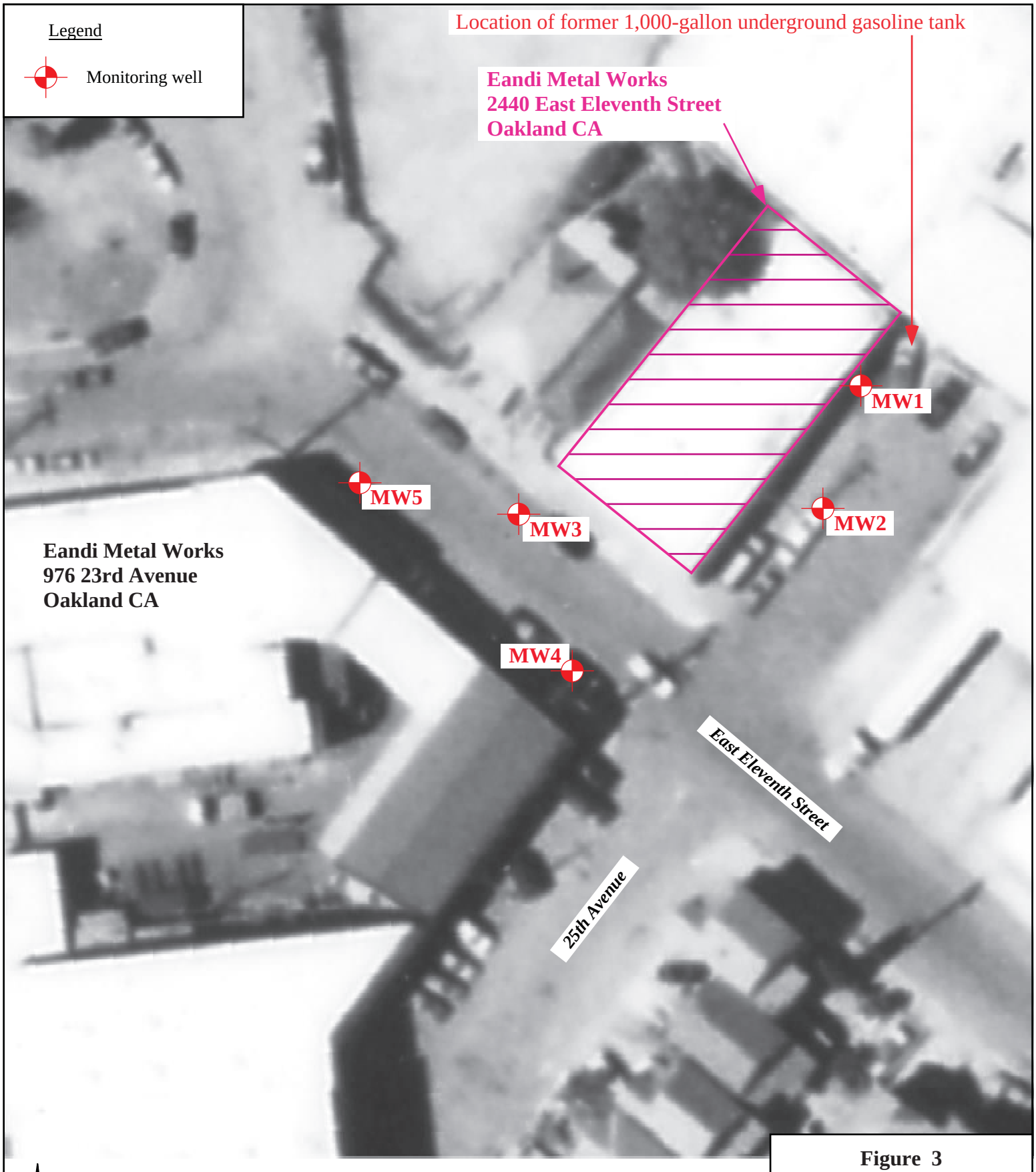
Basemap: Aerial photograph, flown 24 August 1998, photograph ALA-AV-6100-11-38. Pacific Aerial Surveys, Oakland CA.

Figure 2

Vicinity Map

2440 East Eleventh Street
Oakland CA

STREAMBORN



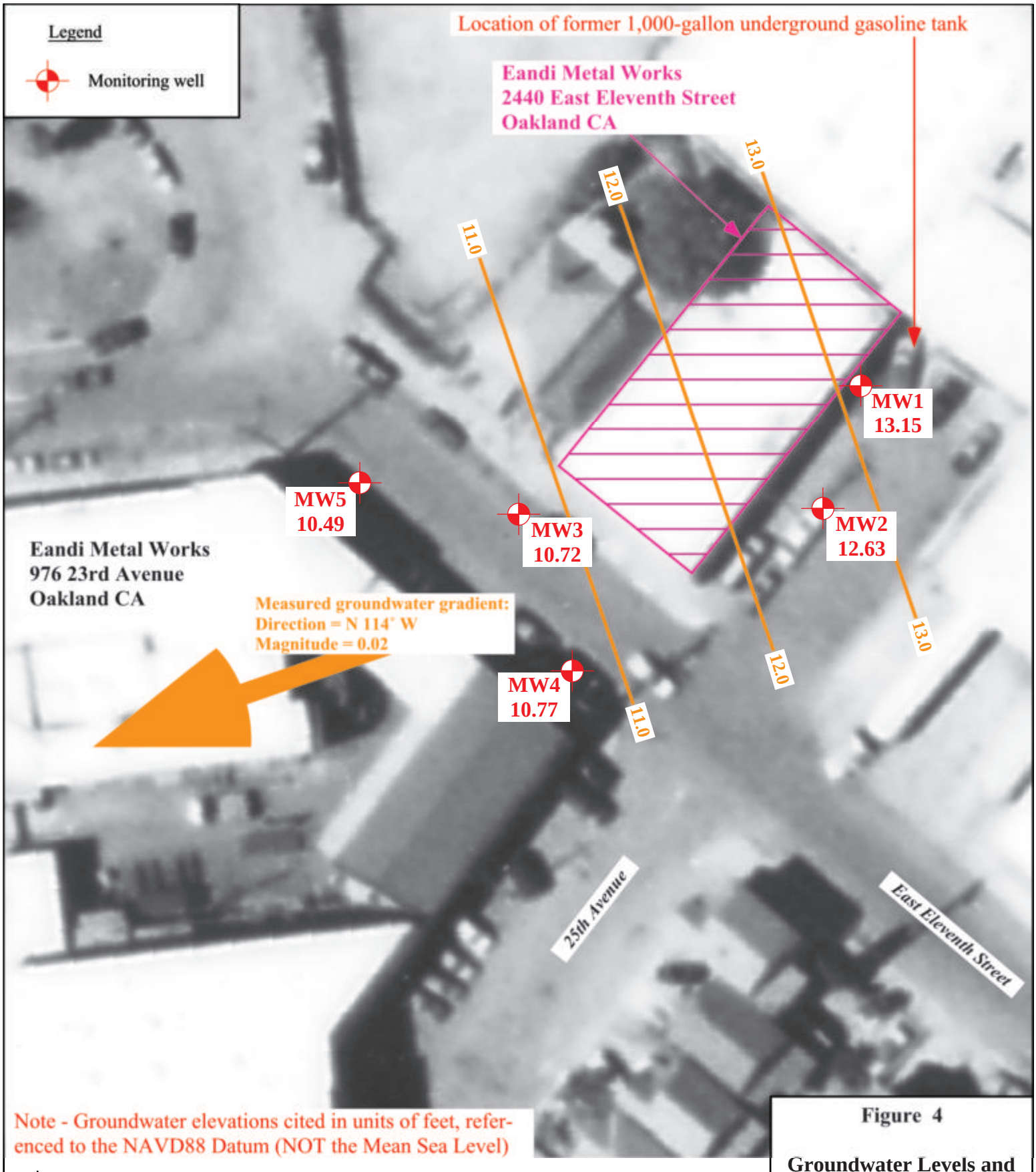
Basemap: Aerial photograph, flown 24 August 1998, photograph number ALA-AV-6100-11-38, original scale 1:12,000. Pacific Aerial Surveys, Oakland CA

Figure 3

Site Plan

2440 East Eleventh Street
Oakland CA

STREAMBORN



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 4

Groundwater Levels and Gradient (1 September 2009)

2440 East Eleventh Street Oakland CA

STREAMBORN

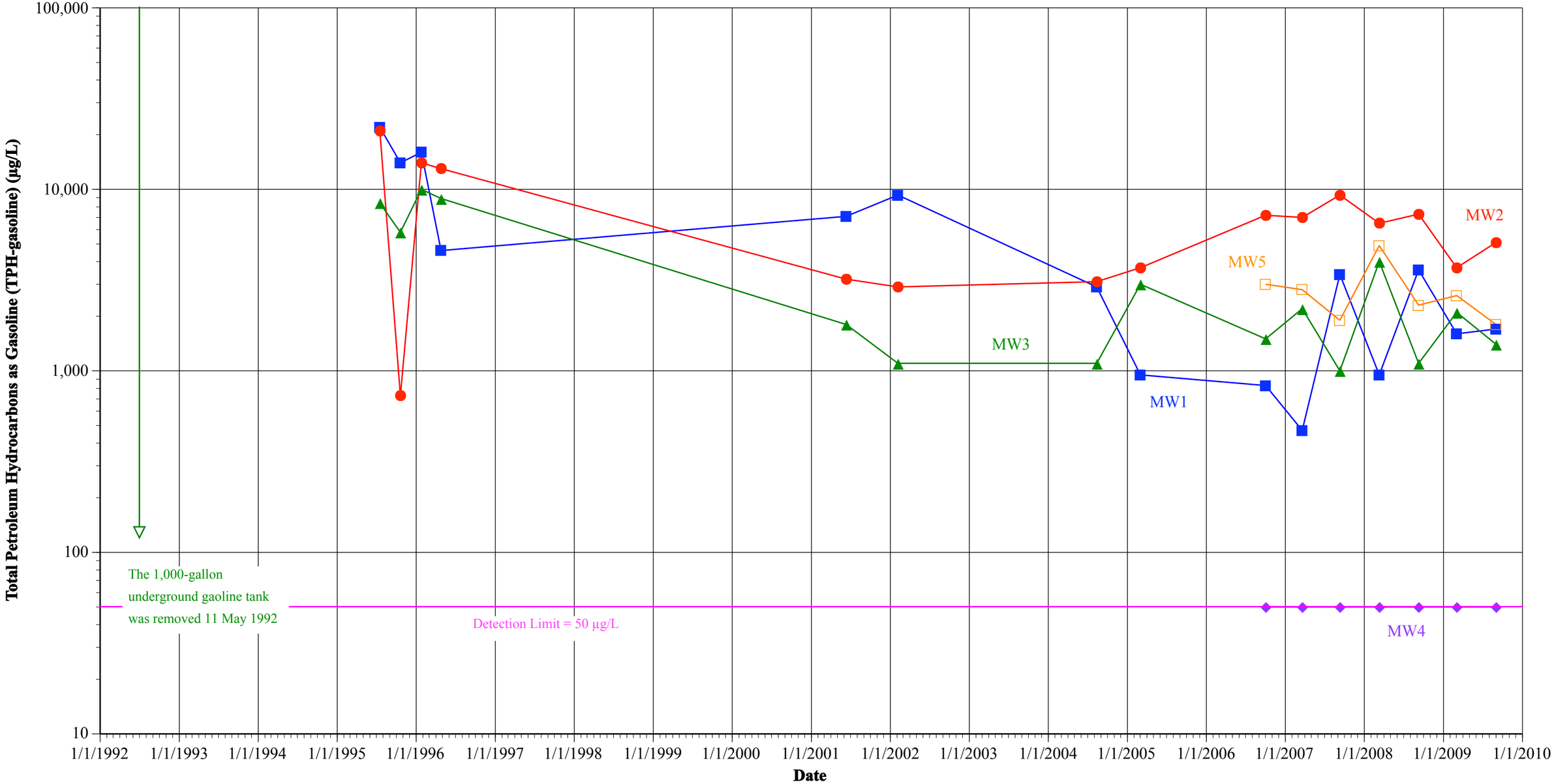


Figure 5

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.

STREAMBORN

ATTACHMENT 1

Groundwater Sampling Forms

MONITORING WELL PURGE DATA

Project Name/Number:	Eandi Metal Works / P279	Logged By:	Alex S. Bowerman
Property Location:	2440 East Eleventh Street, Oakland CA	Date:	1 September 2009
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:	10.99
Measuring Point:	Top of casing, north side	Total Depth:	19.8
Free Product:	None	Odor:	Strong Gasoline odor PID = 77.3
Comments:		Sample Number:	MW1

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

$\frac{19.8 - 10.99}{3} = 2.94$ ft off bottom

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	-	10.99	x	0.16	=	1.4	x 3	4.2

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	10:48	1.35	6.74		19.6	-69.1	Translucent	Brown	no	Start purge
1.5	10:53	0.74	6.76		19.5	-94.1	Clear	none	no	
3.0	10:58	0.69	6.77		19.4	-95.0	Clear	none	no	
4.5	11:03	0.79	6.78	503	19.2	-77.6	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.

MONITORING WELL PURGE DATA

Project Name/Number:	Eandi Metal Works / P279	Logged By:	Alex S. Bowerman
Property Location:	2440 East Eleventh Street, Oakland CA	Date:	1 September 2009
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:	11.29
Measuring Point:	Top of casing, north side	Total Depth:	19.8
Free Product:	None	Odor:	Strong gas PID = 230
Comments:		Sample Number:	MW2

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

$\frac{19.8-11.29}{3} = 2.84$ ft off bottom

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	-	11.29	x	0.16	=	1.4	x 3	4.2

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	102	0.65	6.76		23.0	-57.8	Trans	Grey	no	Start purge
1.5	107	0.91	6.77		22.0	-62.2	Trans	Grey	no	
3.0	111	0.73	6.79		21.5	-61.4	Trans	Grey	no	
4.5	116	0.72	~~6.85~~ 6.74		21.1	-60.3	Trans	Grey	no	
			6.85							
										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:	Alex S. Bowerman
Property Location:	2440 East Eleventh Street, Oakland CA	Date:	1 September 2009
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:	11.97
Measuring Point:	Top of casing, north side	Total Depth:	19.6
Free Product:	None	Odor:	Gasoline odor, PID = 0.0
Comments:		Sample Number:	MW3

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

$\frac{19.6 - 11.97}{3} = 2.54$ ft off Bottom

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)
19.6	-	11.97	x	0.16	=	1.2	x3	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	11:35	0.80	6.83		20.0	-59.7	Trans	brown	no	Start purge
1.25	11:39	0.86	6.82		19.6	-64.2	Trans	brown	no	
2.5	11:43	0.81	6.82		19.6	-58.6	Trans	brown	no	
3.75	11:47	0.78	6.82	567	19.6	-56.2	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:	Alex S. Bowerman
Property Location:	2440 East Eleventh Street, Oakland CA	Date:	1 September 2009
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:	11.68
Measuring Point:	Top of casing, north side	Total Depth:	17.3
Free Product:	None	Odor:	None PID = 0.0
Comments:		Sample Number:	MW4

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

$\frac{17.3 - 11.68}{3} = 1.87$ ft of Bottom

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	-	11.68	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	9:52	1.36	6.59		19.3	150.9	Clear	none	no	Start purge
1	9:54	1.15	6.58		19.0	151.1	Clear	none	no	
2	9:57	0.88	6.60		18.6	136.4	Clear	none	no	
3	10:01	0.86	6.59	571	18.3	131.3	Clear	none	no	DO lower than previous sampling
										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:	Alex S. Bowerman
Property Location:	2440 East Eleventh Street, Oakland CA	Date:	1 September 2009
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:	11.45
Measuring Point:	Top of casing, north side	Total Depth:	17.2
Free Product:	None	Odor:	Strong Gas PID = 2.1
Comments:		Sample Number:	MW5

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

17.2 - 11.45 / 3 = 1.92 ft off Bottom

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)
17.2	-	11.45	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	12:21	0.99	6.79		21.1	-58.9	Trans	Brown	no	Start purge
1	12:24	0.98	6.80		20.4	-63.1	Clear	none	no	
2	12:27	0.93	6.83		20.0	-64.1	Clear	none	no	
3	12:30	0.85	6.83	663	19.9	-65.6	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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-22322-1

Job Description: 2440 East Eleventh Street

For:
Streamborn
900 Santa Fe Avenue
Albany, CA 94706

Attention: Mr. Douglas W Lovell

Approved for release.
Tim Costello
Project Manager I
9/18/2009 3:16 PM

Tim Costello
Project Manager I
tim.costello@testamericainc.com
09/18/2009

CA ELAP Certification # 2496
The Chain(s) of Custody are included and are an integral part of this report.

A trip blank is required to be provided for volatile analyses. If trip blank results are not included in the report, either the trip blank was not submitted or requested to be analyzed.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B/CA_LUFTMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 57085 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Streamborn Job Number: 720-22322-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-22322-2	**MW1**				
Benzene		7.0	0.50	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		1700	50	ug/L	8260B/CA_LUFTMS
Toluene		2.2	0.50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		4.2	1.0	ug/L	8260B/CA_LUFTMS
Ethylbenzene		64	0.50	ug/L	8260B/CA_LUFTMS
720-22322-3	**MW3**				
Benzene		4.7	0.50	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		1400	50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		1.7	1.0	ug/L	8260B/CA_LUFTMS
Ethylbenzene		0.52	0.50	ug/L	8260B/CA_LUFTMS
720-22322-4	**MW5**				
Benzene		5.5	0.50	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		1800	50	ug/L	8260B/CA_LUFTMS
Toluene		0.68	0.50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		2.5	1.0	ug/L	8260B/CA_LUFTMS
MTBE		0.98	0.50	ug/L	8260B/CA_LUFTMS
Ethylbenzene		5.5	0.50	ug/L	8260B/CA_LUFTMS
720-22322-5	**MW2**				
Benzene		1.4	1.0	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		5100	100	ug/L	8260B/CA_LUFTMS
Toluene		1.8	1.0	ug/L	8260B/CA_LUFTMS
Xylenes, Total		9.2	2.0	ug/L	8260B/CA_LUFTMS
Ethylbenzene		140	1.0	ug/L	8260B/CA_LUFTMS

METHOD SUMMARY

Client: Streamborn Job Number: 720-22322-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Streamborn

Job Number: 720-22322-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-22322-1	MW4	Water	09/01/2009 1001	09/02/2009 1640
720-22322-2	MW1	Water	09/01/2009 1103	09/02/2009 1640
720-22322-3	MW3	Water	09/01/2009 1147	09/02/2009 1640
720-22322-4	MW5	Water	09/01/2009 1230	09/02/2009 1640
720-22322-5	MW2	Water	09/01/2009 1316	09/02/2009 1640

Client: Streamborn Job Number: 720-22322-1

Client Sample ID: MW4

Lab Sample ID: 720-22322-1 Date Sampled: 09/01/2009 1001
Client Matrix: Water Date Received: 09/02/2009 1640

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-57023	Instrument ID:	SAT 3900C	
Preparation:	5030B		Lab File ID:	e:\data\200909\09030	
Dilution:	1.0		Initial Weight/Volume:	40	mL
Date Analyzed:	09/03/2009 2028		Final Weight/Volume:	40	mL
Date Prepared:	09/03/2009 2028				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
Ethylbenzene	ND		0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	96		70 - 130
1,2-Dichloroethane-d4 (Surr)	83		67 - 130

Client: Streamborn Job Number: 720-22322-1

Client Sample ID: MW1

Lab Sample ID: 720-22322-2 Date Sampled: 09/01/2009 1103
Client Matrix: Water Date Received: 09/02/2009 1640

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-57023	Instrument ID: SAT 3900C
Preparation:	5030B		Lab File ID: e:\data\200909\09030
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	09/03/2009 2052		Final Weight/Volume: 40 mL
Date Prepared:	09/03/2009 2052		

Analyte	Result (ug/L)	Qualifier	RL
Benzene	7.0		0.50
Gasoline Range Organics (GRO)-C5-C12	1700		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	2.2		0.50
Xylenes, Total	4.2		1.0
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
Ethylbenzene	64		0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	95		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		67 - 130

Client: Streamborn Job Number: 720-22322-1

Client Sample ID: MW3

Lab Sample ID: 720-22322-3 Date Sampled: 09/01/2009 1147
Client Matrix: Water Date Received: 09/02/2009 1640

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-57023	Instrument ID:	SAT 3900C	
Preparation:	5030B		Lab File ID:	e:\data\200909\09030	
Dilution:	1.0		Initial Weight/Volume:	40	mL
Date Analyzed:	09/03/2009 2117		Final Weight/Volume:	40	mL
Date Prepared:	09/03/2009 2117				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	4.7		0.50
Gasoline Range Organics (GRO)-C5-C12	1400		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	ND		0.50
Xylenes, Total	1.7		1.0
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
Ethylbenzene	0.52		0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	98		67 - 130

Client: Streamborn Job Number: 720-22322-1

Client Sample ID: MW5

Lab Sample ID: 720-22322-4 Date Sampled: 09/01/2009 1230
Client Matrix: Water Date Received: 09/02/2009 1640

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-57023	Instrument ID:	SAT 3900C	
Preparation:	5030B		Lab File ID:	e:\data\200909\09030	
Dilution:	1.0		Initial Weight/Volume:	40	mL
Date Analyzed:	09/03/2009 2142		Final Weight/Volume:	40	mL
Date Prepared:	09/03/2009 2142				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	5.5		0.50
Gasoline Range Organics (GRO)-C5-C12	1800		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	0.68		0.50
Xylenes, Total	2.5		1.0
MTBE	0.98		0.50
DIPE	ND		1.0
TBA	ND		5.0
Ethylbenzene	5.5		0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	100		70 - 130
1,2-Dichloroethane-d4 (Surr)	87		67 - 130

Client: Streamborn Job Number: 720-22322-1

Client Sample ID: MW2

Lab Sample ID: 720-22322-5 Date Sampled: 09/01/2009 1316
Client Matrix: Water Date Received: 09/02/2009 1640

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-57085	Instrument ID:	SAT 3900C	
Preparation:	5030B		Lab File ID:	e:\data\200909\09040	
Dilution:	2.0		Initial Weight/Volume:	40	mL
Date Analyzed:	09/04/2009 1938		Final Weight/Volume:	40	mL
Date Prepared:	09/04/2009 1938				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	1.4		1.0
Gasoline Range Organics (GRO)-C5-C12	5100		100
TAME	ND		1.0
Ethyl tert-butyl ether	ND		1.0
Toluene	1.8		1.0
Xylenes, Total	9.2		2.0
MTBE	ND		1.0
DIPE	ND		2.0
TBA	ND		10
Ethylbenzene	140		1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	77		67 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: Streamborn Job Number: 720-22322-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-57023					
LCS 720-57023/2	Lab Control Sample	T	Water	8260B/CA_LUFT	
LCSD 720-57023/1	Lab Control Sample Duplicate	T	Water	8260B/CA_LUFT	
MB 720-57023/3	Method Blank	T	Water	8260B/CA_LUFT	
720-22322-1	MW4	T	Water	8260B/CA_LUFT	
720-22322-2	MW1	T	Water	8260B/CA_LUFT	
720-22322-3	MW3	T	Water	8260B/CA_LUFT	
720-22322-4	MW5	T	Water	8260B/CA_LUFT	
Analysis Batch:720-57085					
LCS 720-57085/2	Lab Control Sample	T	Water	8260B/CA_LUFT	
LCSD 720-57085/1	Lab Control Sample Duplicate	T	Water	8260B/CA_LUFT	
MB 720-57085/3	Method Blank	T	Water	8260B/CA_LUFT	
720-22322-5	MW2	T	Water	8260B/CA_LUFT	

Report Basis
T = Total

Client: Streamborn

Job Number: 720-22322-1

Method Blank - Batch: 720-57023

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-57023/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/03/2009 1501
Date Prepared: 09/03/2009 1501

Analysis Batch: 720-57023
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200909\090309\mb
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
Ethylbenzene	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	70 - 130
1,2-Dichloroethane-d4 (Surr)	88	67 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Streamborn Job Number: 720-22322-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-57023

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-57023/2	Analysis Batch: 720-57023	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: e:\data\200909\090309\ls-v
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 40 mL
Date Analyzed:	09/03/2009 1526		Final Weight/Volume: 40 mL
Date Prepared:	09/03/2009 1526		

LCSD Lab Sample ID:	LCSD 720-57023/1	Analysis Batch: 720-57023	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: e:\data\200909\090309\ld-wa
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 40 mL
Date Analyzed:	09/03/2009 1551		Final Weight/Volume: 40 mL
Date Prepared:	09/03/2009 1551		

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	96	88	72 - 120	10	20		
Gasoline Range Organics (GRO)-C5-C12	76	71	36 - 130	6	20		
Toluene	90	86	59 - 120	5	20		
MTBE	101	100	64 - 130	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	100	96	70 - 130
1,2-Dichloroethane-d4 (Surr)	78	119	67 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Streamborn

Job Number: 720-22322-1

Method Blank - Batch: 720-57085

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-57085/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/04/2009 1252
Date Prepared: 09/04/2009 1252

Analysis Batch: 720-57085
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200909\090409\mb
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
Ethylbenzene	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	70 - 130
1,2-Dichloroethane-d4 (Surr)	94	67 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Streamborn Job Number: 720-22322-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-57085

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-57085/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/04/2009 1316
Date Prepared: 09/04/2009 1316

Analysis Batch: 720-57085
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200909\090409\ls-v
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-57085/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/04/2009 1340
Date Prepared: 09/04/2009 1340

Analysis Batch: 720-57085
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200909\090409\ld-wa
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	77	81	72 - 120	5	20		
Gasoline Range Organics (GRO)-C5-C12	64	65	36 - 130	1	20		
Toluene	70	77	59 - 120	9	20		
MTBE	88	86	64 - 130	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	94	94	70 - 130
1,2-Dichloroethane-d4 (Surr)	101	92	67 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

720-22329

118777

STREAMBORN

Chain-of-Custody Form

Project Name: 2440 East Eleventh Street	Project Location: 2440 East Eleventh Street, Oakland CA	Project Number: P279
Sampler: Alex S. Bowerman	Laboratory: TestAmerica	Laboratory Number: 925-484-1919

	Sample Designation	Date	Time	Matrix: Soil	Matrix: Water	Matrix: Vapor	Type: Grab	Type: Composite	Containers: Quantity	Containers: Type	Preservative (in addition to ice)	Field Filtration	Turnaround: 48-Hour	Turnaround: 5- Working Days	Turnaround: 10-Working Days	Analyses	Analyses: TPH-gasoline/ BTEX/fuel oxgenates (EPA 8260)	Analyses	Analyses	Analyses	Analyses	Sampler Comments	Laboratory Comments
01	MW4	1-Sep-09	10:01		x		x		3	40 mL VOA	HCl	None			x		x						
02	MW1	1-Sep-09	11:03		x		x		3	40 mL VOA	HCl	None			x		x						
03	MW3	1-Sep-09	11:47		x		x		3	40 mL VOA	HCl	None			x		x						
04	MW5	1-Sep-09	12:30		x		x		3	40 mL VOA	HCl	None			x		x						
05	MW2	1-Sep-09	1:16		x		x		3	40 mL VOA	HCl	None			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:	Date: 9/1/09	Time: 1325
Relinquished By:	Received By: Willie H. (TA-SF)	Date: 9/2/09	Time: 1640

3.8°C

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

Login Sample Receipt Check List

Client: Streamborn

Job Number: 720-22322-1

Login Number: 22322
List Source: TestAmerica San Francisco
Creator: Hoang, Julie
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

ATTACHMENT 3

Geotracker Survey

Virgil Chavez Land Surveying
721 Tuolumne Street
Vallejo, California, 94590
(707) 553-2476 • Fax (707) 553-8698

September 10, 2009
Project No.: 3018-02

Juli Brady
Streamborn
P.O. Box 8330
Berkeley, CA 94707

Subject: Monitoring Well Survey
2440 East Eleventh Street
Oakland, CA

Dear Juli:

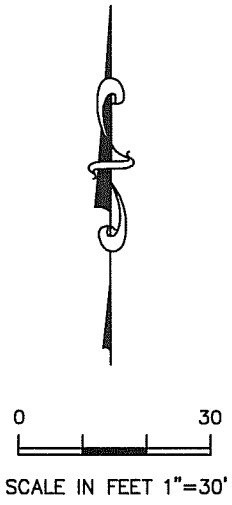
This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location. The survey was completed on August 28, 2009. The benchmark for this survey was a pin in monument well located at centerline of International Boulevard and Miller Avenue. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83).
Benchmark Elevation = 28.59 feet (NAVD 88).
NAVD 88 - NGVD 29 = 2.726 ft. (0.831m)

Latitude	Longitude	Northing	Easting	Elev.	Desc.
				24.51	GRD MW1
37.7801530	-122.2358181	2111185.46	6060041.62	24.14	TOC MW1
				24.21	GRD MW2
37.7800499	-122.2358522	2111148.11	6060031.07	23.92	TOC MW2
				23.06	GRD MW3
37.7800410	-122.2361722	2111146.58	6059938.56	22.69	TOC MW3
				23.12	GRD MW4
37.7799066	-122.2361136	2111097.36	6059954.58	22.45	TOC MW4
				22.59	GRD MW5
37.7800613	-122.2363355	2111154.85	6059891.48	21.94	TOC MW5

Sincerely,

Virgil D. Chavez, PLS 6323

MONITORING WELL PLAT
2440 E. 11TH STREET
OAKLAND, CA



LICENSED LAND SURVEYOR
VIRGIL D. CHAVEZ
No. 6329
Exp 12-31-10
STATE OF CALIFORNIA

LEGEND

⊕ – MONITORING WELLS

DRAWING NO. 301802

VIRGIL CHAVEZ LAND SURVEYING
721 TUOLUMNE STREET
VALLEJO, CALIFORNIA
(707) 553-2476

SEPTEMBER, 2009 SCALE: 1"=30'