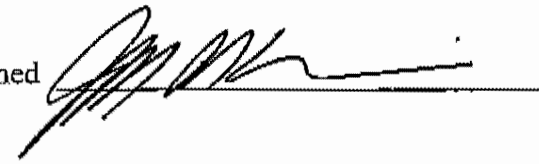
Declaration from the Responsible Party

Letter Report
Groundwater Monitoring Conducted 3 March 2009
2440 East Eleventh Street
Oakland CA
RO No. 29

Prepared by Streamborn, Dated 20 March 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 23 March 2009

STREAMBORN

510.528.4234
Fax 528.2613

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

20 March 2009

Project No. P279

Letter Report
Groundwater Monitoring Conducted 3 March 2009
2440 East Eleventh Street
Oakland CA
RO No. 29

Dear Mr. Eandi (hardcopy):

This letter report documents the results of groundwater monitoring conducted 3 March 2009 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 provides a vicinity map.
- Figure 3 provides a site plan.
- Figure 4 shows the groundwater levels and gradient (3 March 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.

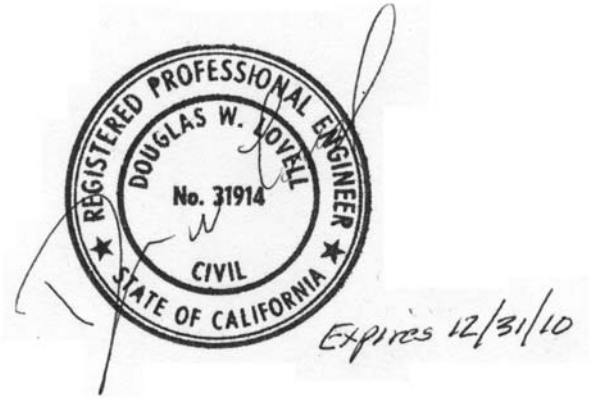
The groundwater monitoring results for 3 March 2009 are consistent with historic results. The next groundwater-monitoring event is scheduled circa September/October 2009.

Please contact us with any questions or comments.

Sincerely,

STREAMBORN

Douglas W. Lovell, PE
Geoenvironmental Engineer



Attachments

Electronic Submission: This report and the laboratory EDF were uploaded to Geotracker. 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 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	• 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	• 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	• 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	• 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	• 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	• 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	• 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 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	• 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 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	• 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	• 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	• 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	• 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	• 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	• 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).
3 March 2009	Streamborn	• 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)

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2440 East Eleventh Street
Oakland CA

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Table 2 (Page 2 of 2)

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2440 East Eleventh Street
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	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		
	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	Direction	Magnitude
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^{o} W	0.02
2 March 2005	8.25	13.03	8.44	12.62	9.36	10.46					N 120^{o} 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^{o} 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^{o} 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^{o} 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^{o} 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^{o} W	0.01
3 March 2009	8.31	12.97	8.22	12.84	9.30	10.52	8.98	10.60	8.93	10.13	N 117^{o} W	0.02
Total Depth (Last Measurement)	19.7		19.8		19.6		17.2		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
	3 Mar 09	Grab	SPP	11	6	±3	no	0.8	6.8	480	15.8	-60	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
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
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
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

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
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
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
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
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

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

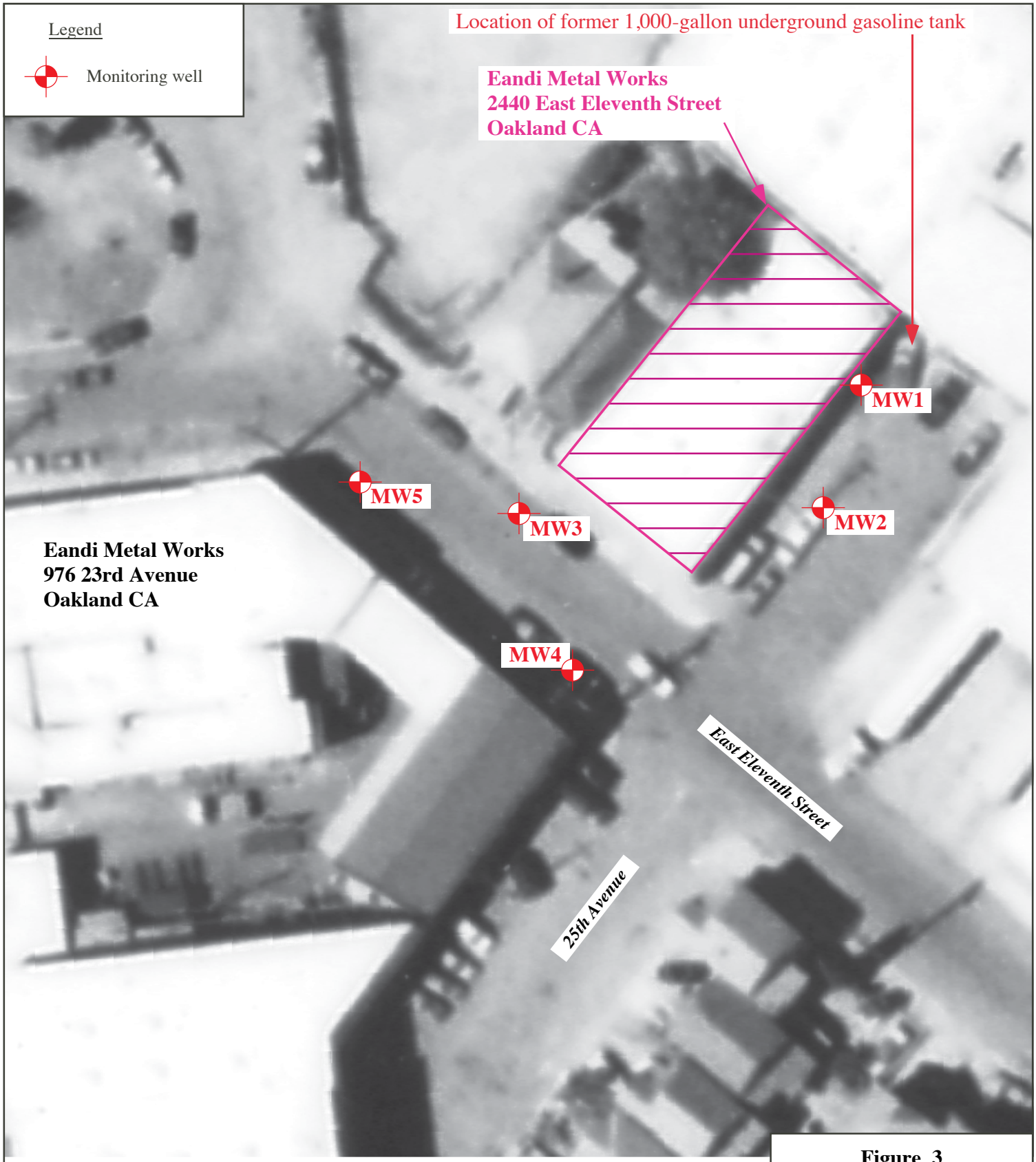
Basemap: Aerial photograph, flown 24 August 1998, photograph ALA-AV-6100-11-38. Pacific Aerial Surveys, Oakland CA.

Figure 2

Vicinity Map

2440 East Eleventh Street
Oakland CA

STREAMBORN



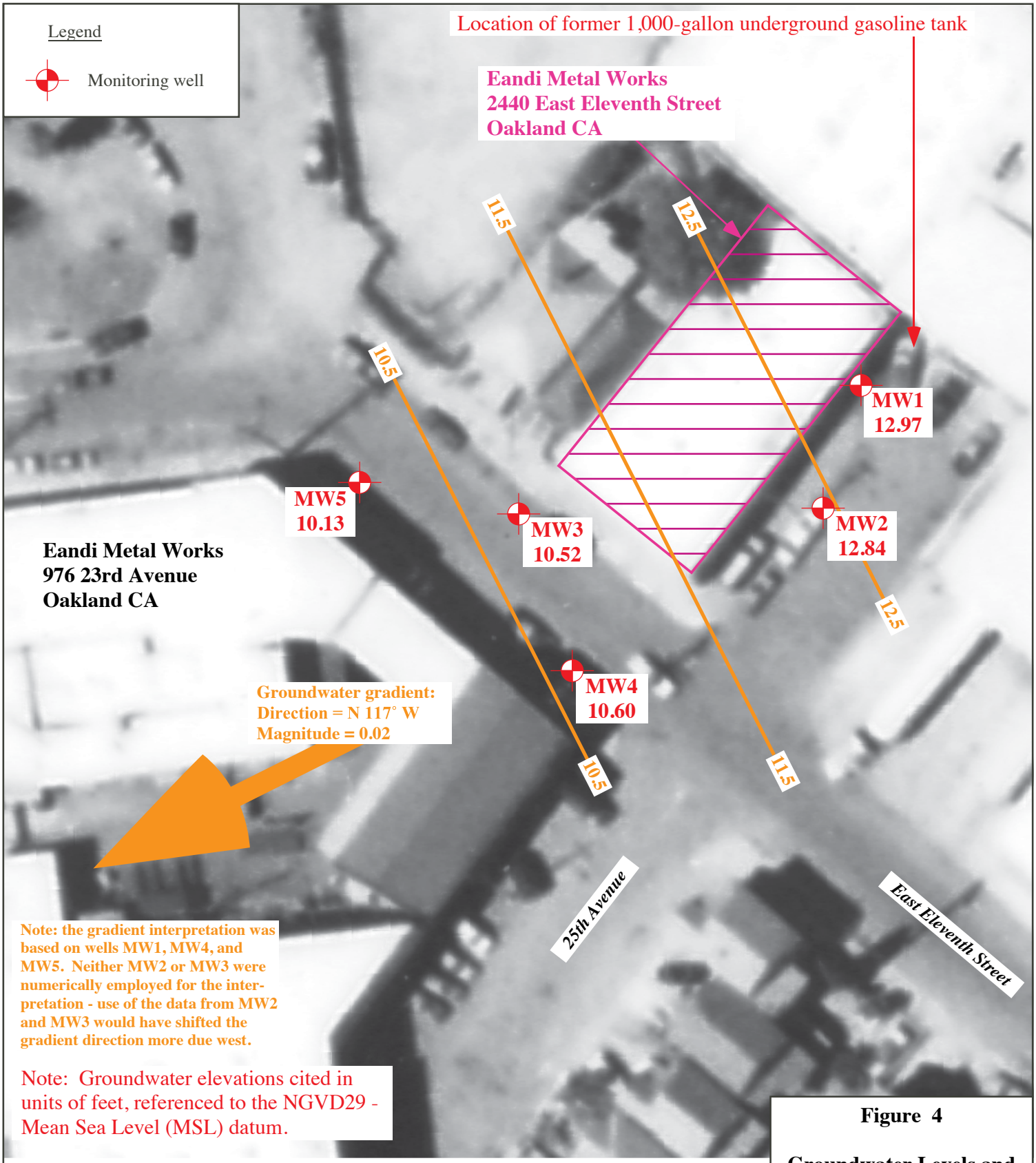
Basemap: Aerial photograph, flown 24 August 1998, photograph number ALA-AV-6100-11-38, original scale 1:12,000. Pacific Aerial Surveys, Oakland CA

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 (3 March 2009)

2440 East Eleventh Street Oakland CA

STREAMBORN

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: 3 March 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: 8.31
Measuring Point: Top of casing, north side	Total Depth: 19.7
Free Product: None	Odor: Yes - Strong
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)		Three Casing Volumes (gallons)
19.7	19.7	-	8.31	x	0.16	=	1.8	x 3	5.4

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	1014	1.03	6.78		14.9	-56.6	clear	None	NO	Start purge
2	1017	0.76	6.78		15.5	-85.2	clear	None	NO	
4	1022	0.86	6.79		15.6	-66.5	clear	None	NO	
6	1025	0.81	6.78	477	15.8	-58.8	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:	3 March 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:	8.22
Measuring Point:	Top of casing, north side	Total Depth:	19.8
Free Product:	None	Odor:	Yes - Strong
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	-	8.22	x	0.16	=	1.9	x 3	5.7

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µS/cm)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	1209	0.60	6.82		14.6	-65.4	trans	gray	NO	Start purge
2	1212	0.68	6.79		15.5	-67.9	clear	none	NO	
4	1215	0.62	6.82		15.9	-61.4	clear	none	NO	
6	1219	0.86	6.88	689	15.9	-46.5	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:	3 March 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:	9.30
Measuring Point:	Top of casing, north side	Total Depth:	19.6
Free Product:	None	Odor:	~~None~~ 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)		Three Casing Volumes (gallons)
19.6	-	9.3	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	1057	1.07	6.81		14.6	-29.3	clear	None	NO	Start purge
2	1059	0.97	6.80		15.9	-36.7	clear	None	NO	
4	1102	0.75	6.81		16.5	-53.0	clear	None	NO	
5	1104	0.86	6.81	618	16.7	-46.4	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:	3 March 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:	8.98
Measuring Point:	Top of casing, north side	Total Depth:	17.2
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)
17.2	-	8.98	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	941	2.40	6.59		14.8	263.3	clear	None	NO	Start purge
1.5	944	2.09	6.60		15.1	273.7	clear	None	NO	
3	946	1.94	6.60		15.5	276.0	clear	None	NO	
4	948	1.96	6.59	590	15.8	276.3	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:	3 March 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:	8.93
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)		Three Casing Volumes (gallons)
17.2	-	8.93	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	1129	0.90	6.87		15.3	-68.1	clear	None	NO	Start purge
1.5	1132	0.75	6.88		15.9	-74.9	clear	None	NO	
3	1135	0.73	6.88		16.0	-77.2	clear	None	NO	
4	1137	0.78	6.87	665	16.1	-77.5	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.

ATTACHMENT 2

Laboratory Reports and Chain-of-Custody Forms

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-18374-1

Job Description: 2440 East Eleventh Street

For:
Streamborn
900 Santa Fe Avenue
Albany, CA 94706

Attention: Mr. Douglas W Lovell

Approved for release.
Dimple Sharma
Project Manager I
4/2/2009 3:25 PM

Designee for
Tim Costello

04/02/2009
Revision: 1

TestAmerica Laboratories, Inc.
TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 600-3002 www.testamericainc.com

Comments
No additional comments.

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

GC/MS VOA
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Streamborn Job Number: 720-18374-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-18374-2	**MW1**				
Benzene		5.2	0.50	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		1600	50	ug/L	8260B/CA_LUFTMS
Toluene		2.1	0.50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		9.7	1.0	ug/L	8260B/CA_LUFTMS
MTBE		0.56	0.50	ug/L	8260B/CA_LUFTMS
Ethylbenzene		68	0.50	ug/L	8260B/CA_LUFTMS
720-18374-3	**MW3**				
Benzene		14	0.50	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		2100	50	ug/L	8260B/CA_LUFTMS
Toluene		1.6	0.50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		14	1.0	ug/L	8260B/CA_LUFTMS
Ethylbenzene		16	0.50	ug/L	8260B/CA_LUFTMS
720-18374-4	**MW5**				
Benzene		11	2.5	ug/L	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		2600	250	ug/L	8260B/CA_LUFTMS
Toluene		4.0	2.5	ug/L	8260B/CA_LUFTMS
Xylenes, Total		30	5.0	ug/L	8260B/CA_LUFTMS
Ethylbenzene		60	2.5	ug/L	8260B/CA_LUFTMS
720-18374-5	**MW2**				
Gasoline Range Organics (GRO)-C5-C12		3700	50	ug/L	8260B/CA_LUFTMS
Toluene		1.1	0.50	ug/L	8260B/CA_LUFTMS
Xylenes, Total		4.7	1.0	ug/L	8260B/CA_LUFTMS

METHOD SUMMARY

Client: Streamborn Job Number: 720-18374-1

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: 720-18374-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-18374-1	MW4	Water	03/03/2009 0948	03/04/2009 1800
720-18374-2	MW1	Water	03/03/2009 1025	03/04/2009 1800
720-18374-3	MW3	Water	03/03/2009 1104	03/04/2009 1800
720-18374-4	MW5	Water	03/03/2009 1137	03/04/2009 1800
720-18374-5	MW2	Water	03/03/2009 1219	03/04/2009 1800

Client: Streamborn | Job Number: 720-18374-1

Client Sample ID: **MW4**

Lab Sample ID: 720-18374-1 | Date Sampled: 03/03/2009 0948
Client Matrix: Water | Date Received: 03/04/2009 1800

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-47422 | Instrument ID: Varian 3900A
Preparation: 5030B | Lab File ID: e:\data\2009\200903\03060
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 03/06/2009 1621 | Final Weight/Volume: 10 mL
Date Prepared: 03/06/2009 1621

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	Acceptance Limits
Toluene-d8 (Surr)	93	78 - 112
1,2-Dichloroethane-d4 (Surr)	95	67 - 126

Client: Streamborn | Job Number: 720-18374-1

Client Sample ID: **MW1**

Lab Sample ID: 720-18374-2 | Date Sampled: 03/03/2009 1025
Client Matrix: Water | Date Received: 03/04/2009 1800

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-47422 | Instrument ID: Varian 3900A
Preparation: 5030B | Lab File ID: e:\data\2009\200903\03060
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 03/06/2009 1644 | Final Weight/Volume: 10 mL
Date Prepared: 03/06/2009 1644

Analyte	Result (ug/L)	Qualifier	RL
Benzene	5.2		0.50
Gasoline Range Organics (GRO)-C5-C12	1600		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	2.1		0.50
Xylenes, Total	9.7		1.0
MTBE	0.56		0.50
DIPE	ND		1.0
TBA	ND		5.0
Ethylbenzene	68		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	78 - 112
1,2-Dichloroethane-d4 (Surr)	91	67 - 126

Client: Streamborn | Job Number: 720-18374-1

Client Sample ID: **MW3**

Lab Sample ID: 720-18374-3 | Date Sampled: 03/03/2009 1104
Client Matrix: Water | Date Received: 03/04/2009 1800

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-47422 | Instrument ID: Varian 3900A
Preparation: 5030B | Lab File ID: e:\data\2009\200903\03060
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 03/06/2009 1706 | Final Weight/Volume: 10 mL
Date Prepared: 03/06/2009 1706

Analyte	Result (ug/L)	Qualifier	RL
Benzene	14		0.50
Gasoline Range Organics (GRO)-C5-C12	2100		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	1.6		0.50
Xylenes, Total	14		1.0
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
Ethylbenzene	16		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	78 - 112
1,2-Dichloroethane-d4 (Surr)	99	67 - 126

Client: Streamborn Job Number: 720-18374-1

Client Sample ID: MW5

Lab Sample ID: 720-18374-4 Date Sampled: 03/03/2009 1137
Client Matrix: Water Date Received: 03/04/2009 1800

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-47566 Instrument ID: Varian 3900C
Preparation: 5030B Lab File ID: e:\data\200903\030909\sa-
Dilution: 5.0 Initial Weight/Volume: 40 mL
Date Analyzed: 03/09/2009 1818 Final Weight/Volume: 40 mL
Date Prepared: 03/09/2009 1818

Analyte	Result (ug/L)	Qualifier	RL
Benzene	11		2.5
Gasoline Range Organics (GRO)-C5-C12	2600		250
TAME	ND		2.5
Ethyl tert-butyl ether	ND		2.5
Toluene	4.0		2.5
Xylenes, Total	30		5.0
MTBE	ND		2.5
DIPE	ND		5.0
TBA	ND		25
Ethylbenzene	60		2.5

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	78 - 112
1,2-Dichloroethane-d4 (Surr)	102	67 - 126

Client: Streamborn | Job Number: 720-18374-1

Client Sample ID: **MW2**

Lab Sample ID: 720-18374-5 | Date Sampled: 03/03/2009 1219
Client Matrix: Water | Date Received: 03/04/2009 1800

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS | Analysis Batch: 720-47422 | Instrument ID: Varian 3900A
Preparation: 5030B | Lab File ID: e:\data\2009\200903\03060
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 03/06/2009 1751 | Final Weight/Volume: 10 mL
Date Prepared: 03/06/2009 1751

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	3700		50
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
Toluene	1.1		0.50
Xylenes, Total	4.7		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	78 - 112
1,2-Dichloroethane-d4 (Surr)	85	67 - 126

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: Streamborn

Job Number: 720-18374-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-47422					
LCS 720-47422/2	Lab Control Spike	T	Water	8260B/CA_LUFT	
LCSD 720-47422/1	Lab Control Spike Duplicate	T	Water	8260B/CA_LUFT	
MB 720-47422/3	Method Blank	T	Water	8260B/CA_LUFT	
720-18374-1	MW4	T	Water	8260B/CA_LUFT	
720-18374-2	MW1	T	Water	8260B/CA_LUFT	
720-18374-3	MW3	T	Water	8260B/CA_LUFT	
720-18374-5	MW2	T	Water	8260B/CA_LUFT	
Analysis Batch:720-47566					
LCS 720-47566/2	Lab Control Spike	T	Water	8260B/CA_LUFT	
LCSD 720-47566/1	Lab Control Spike Duplicate	T	Water	8260B/CA_LUFT	
MB 720-47566/3	Method Blank	T	Water	8260B/CA_LUFT	
720-18374-4	MW5	T	Water	8260B/CA_LUFT	
720-18374-4MS	Matrix Spike	T	Water	8260B/CA_LUFT	
720-18374-4MSD	Matrix Spike Duplicate	T	Water	8260B/CA_LUFT	

Report Basis
T = Total

Client: Streamborn

Job Number: 720-18374-1

Method Blank - Batch: 720-47422

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-47422/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2009 0943
Date Prepared: 03/06/2009 0943

Analysis Batch: 720-47422
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200903\03060
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 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)	93	78 - 112
1,2-Dichloroethane-d4 (Surr)	88	67 - 126

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

Client: Streamborn

Job Number: 720-18374-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-47422

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-47422/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2009 1019
Date Prepared: 03/06/2009 1019

Analysis Batch: 720-47422
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200903\0306(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-47422/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2009 1042
Date Prepared: 03/06/2009 1042

Analysis Batch: 720-47422
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\200903\030609
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	83	86	74 - 112	3	20		
Gasoline Range Organics (GRO)-C5-C12	62	67	42 - 80	8	20		
Toluene	71	73	65 - 98	4	20		
MTBE	79	85	69 - 104	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	93	78 - 112
1,2-Dichloroethane-d4 (Surr)	89	96	67 - 126

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

Client: Streamborn

Job Number: 720-18374-1

Method Blank - Batch: 720-47566

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-47566/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2009 1013
Date Prepared: 03/09/2009 1013

Analysis Batch: 720-47566
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200903\030909\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)	97	78 - 112
1,2-Dichloroethane-d4 (Surr)	99	67 - 126

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

Client: Streamborn

Job Number: 720-18374-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-47566

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-47566/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2009 1114
Date Prepared: 03/09/2009 1114

Analysis Batch: 720-47566
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200903\030909\ls-v
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-47566/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2009 1140
Date Prepared: 03/09/2009 1140

Analysis Batch: 720-47566
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: e:\data\200903\030909\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	87	84	74 - 112	3	20		
Gasoline Range Organics (GRO)-C5-C12	58	61	42 - 80	6	20		
Toluene	84	80	65 - 98	5	20		
MTBE	83	81	69 - 104	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	100	95	78 - 112
1,2-Dichloroethane-d4 (Surr)	93	98	67 - 126

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

Client: Streamborn

Job Number: 720-18374-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-47566

Method: 8260B/CA_LUFTMS
Preparation: 5030B

MS Lab Sample ID:	720-18374-4	Analysis Batch: 720-47566	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: e:\data\200903\030909\sa
Dilution:	5.0		Initial Weight/Volume: 40 mL
Date Analyzed:	03/09/2009 1517		Final Weight/Volume: 40 mL
Date Prepared:	03/09/2009 1517		

MSD Lab Sample ID:	720-18374-4	Analysis Batch: 720-47566	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: e:\data\200903\030909\sa-
Dilution:	5.0		Initial Weight/Volume: 40 mL
Date Analyzed:	03/09/2009 1451		Final Weight/Volume: 40 mL
Date Prepared:	03/09/2009 1451		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	98	88	58 - 134	7	20		
Gasoline Range Organics (GRO)-C5-C12	66	50	43 - 95	15	20		
Toluene	91	79	72 - 129	14	20		
MTBE	86	77	22 - 185	10	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	106	98	78 - 112
1,2-Dichloroethane-d4 (Surr)	94	96	67 - 126

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

STREAMBORN

720-18374

Chain-of-Custody Form

114886

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: 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: TPH-gasoline/BTEX/fuel oxygenates (EPA 8260)	Sampler Comments	Laboratory Comments
MW4	3-Mar-09	948		x		x		3	40 mL VOA	HCl	None			x	x		
MW1	3-Mar-09	1025		x		x		3	40 mL VOA	HCl	None			x	x		
MW3	3-Mar-09	1104		x		x		3	40 mL VOA	HCl	None			x	x		
MW5	3-Mar-09	1137		x		x		3	40 mL VOA	HCl	None			x	x		
MW2	3-Mar-09	1219		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: 3/4/09	Time: 1410
Relinquished By:	Received By:	Date: 3/4/09 PST 1800	Time: 18:00

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

1.9°C

Login Sample Receipt Check List

Client: Streamborn

Job Number: 720-18374-1

Login Number: 18374
List Source: TestAmerica San Francisco
Creator: Bullock, Tracy
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	