

Wickham, Jerry, Env. Health

From: Bob Clark-Riddell [briddell@pangeaenv.com]
Sent: Tuesday, December 10, 2013 2:31 PM
To: Wickham, Jerry, Env. Health
Subject: RE: 1230 14th Street

Jerry,

I would agree with your general conclusion. I have hypothesized that during the highest water table elevation that rainwater infiltrates the former UST pit and open area and essentially dilutes site groundwater, resulting in very low seasonal hydrocarbon concentrations. The highest hydrocarbon concentrations are when groundwater elevation is near historic low or slightly above the historic low (when groundwater is slightly higher and intersecting shallower residual impact without being diluted).

Bob Clark-Riddell, P.E.
Pangea Environmental Services, Inc.
510.435.8664

-----Original Message-----

From: Wickham, Jerry, Env. Health [<mailto:jerry.wickham@acgov.org>]
Sent: Monday, December 09, 2013 8:59 AM
To: Bob Clark-Riddell
Subject: RE: 1230 14th Street

Bob,

In comparing seasonal sampling events, it appears that historic site concentrations are generally higher during the low water sampling events than during high water sampling events. Would you agree with this general conclusion regarding seasonal fluctuations for the site?

Regards,
Jerry Wickham
Alameda County Environmental Health

From: Bob Clark-Riddell [briddell@pangeaenv.com]
Sent: Wednesday, December 04, 2013 2:33 PM
To: Wickham, Jerry, Env. Health
Subject: FW: 1230 14th Street

Hello Jerry,

In accordance with your July 11, 2013 letter, Pangea performed two additional post-remediation quarterly monitoring events. The events were performed on July 25, 2013 and October 20, 2013. The report is under preparation. At present our vendor would like to remove the DPE remediation equipment, but I thought it best to consult you first.

The tabulated results are attached for your consideration. We have not observed a significant rebound, but all post-remediation monitoring results are shortly after shutdown or when groundwater is near seasonal low. Do you anticipate requiring a monitoring event during the first quarter 2014 to evaluate rebound during seasonal high water table elevation (assuming sufficient precipitation)? Or are you satisfied with post-remediation data?

Any comments before we remove the DPE equipment? Thank you in advance.

Bob Clark-Riddell, P.E.
Pangea Environmental Services, Inc.
1710 Franklin Street, Suite 200
Oakland, CA 94612
510.435.8664 phone
510.836.3709 fax

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
REMEDIATION WELLS										
AS-1 <i>19.69</i>	07/02/08	12.08	--	28,000	390	350	620	2,500	<500	--
	08/18/08	13.05	--	1,500	12	6.1	6.7	91	<17	1.94/2.41
	11/20/08	13.69	--	640	2.4	2.7	1.0	8.5	<5.0	2.51/2.91
	02/18/09	12.09	--	270	1.1	2.2	<0.5	<0.5	<5.0	2.94/2.99
	05/26/09	11.40	--	250	1.7	0.70	<0.5	3.5	<5.0	3.01/2.94
	11/23/09	13.38	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.94/2.65
	05/26/10	10.97	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.6/2.78
	12/30/10									
	05/23/11									
	12/27/11	14.02	5.67	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.69/0.75
06/30/12	24.29	-4.60	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
AS-2 <i>19.22</i>	07/02/08	11.98	--	9,600	380	620	170	1,000	<50	--
AS-3 <i>19.5</i>	07/02/08	12.42	--	2,800	340	7.2	20	37	<50	--
AS-4 <i>18.93</i>	04/16/10	8.82	---	31,000	1,300	330	400	6,600	<500	--
07/25/13	12.75	6.18	200	1.8	0.63	1.3	7.5	<5.0	1.06/2.20	
10/20/13	13.51	5.42	180	2.4	0.65	1.8	8.8	<5.0	1.12/2.01	
AS-5 <i>19.99</i>	04/16/10	10.03	---	120	2.5	1.3	1.2	17	<5.0	--
DP-1 <i>18.49</i>	07/03/08	12.43	--	34,000	5,100	1,800	1,300	4,900	<350	--
12/27/11	13.03	5.46	41,000	4,400	1,200	780	4,600	<1,000	0.83/0.91	
06/30/12	11.25	7.24	2,800	66	41	43	420	<50	0.08	
09/01/12	13.63	4.86	7,300	360	180	68	1,700	<250	2.09	
09/30/12	13.47	5.02	--	--	--	--	--	--	--	
12/14/12	10.98	7.51	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.4	
03/24/13	11.30	7.19	5,000	420	82	200	500	<50	1.17/2.40	
07/25/13	12.29	6.20	1,300	140	21	43	130	<10	1.12/2.17	
10/20/13	13.05	5.44	1,700	180	15	53	140	<50	1.25/1.93	
DP-2 <i>19.04</i>	07/03/08	12.92	--	15,000	2,800	300	560	1,600	<150	--
12/27/11	13.57	5.47	9,100	820	46	320	790	<80	0.60/0.58	
09/01/12	13.83	5.21	2,300	100	17	61	440	<50	1.17	
09/30/12	9.15	9.89	--	--	--	--	--	--	--	
12/14/12	10.74	8.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.86	
DP-3 <i>19.35</i>	07/02/08	13.21	--	14,000	4,400	100	720	150	<350	--
12/27/11	13.92	5.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	0.59/0.66
09/30/12	14.35	5.00	--	--	--	--	--	--	--	
12/14/12	11.67	7.68	--	--	--	--	--	--	--	
DP-4 <i>18.21</i>	04/16/10	8.95	--	4,700	300	45	260	570	<100	--
12/27/11	12.57	5.64	4,500	430	48	67	150	<300	0.79/0.80	
09/01/12	12.26	5.95	590	3.6	15	2.6	140	<5.0	1.21	
09/30/12	13.10	5.11	--	--	--	--	--	--	--	
12/14/12	10.82	7.39	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.95	
DP-5 <i>18.36</i>	04/16/10	9.11	--	19,000	810	1,900	680	3,100	<350	--
12/27/11	12.78	5.58	2,300	1,900	1,700	960	3,000	<500	0.66/0.63	
06/30/12	10.85	7.51	4,600	350	240	83	470	<50	0.14	
09/01/12	13.51	4.85	8,100	270	910	180	1,700	<50	0.29	
09/30/12	13.22	5.14	--	--	--	--	--	--	--	
12/14/12	11.30	7.06	2,100	17	42	25	340	<50	0.61	
03/24/13	11.32	7.04	1,600	55	72	24	190	<50	0.49/1.15	
07/25/13	12.40	5.96	1,300	90	87	55	240	<10	0.57/1.19	
10/20/13	12.89	5.47	4,200	290	420	98	770	<50	0.41/1.85	

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
GROUNDWATER AND/OR REMEDIATION WELLS										
MW-1 <i>18.58</i>	03/25/96	9.53	9.05	37,000	7,400	1,500	720	3,300	<500	--
	06/21/96	10.72	7.86	35,000	9,900	460	340	3,500	890	--
	09/26/96	12.88	5.70	19,000	8,200	510	780	790	<250	--
	12/19/96	12.59	5.99	27,000	120	1,200	1,400	2,800	<100	--
	12/19/96	12.59	5.99	32,000	12,000	1,300	1,600	3,100	830	--
	03/25/97	11.10	7.48	39,000	13,000	1,600	840	3,100	730	1.2
	06/26/97	12.42	6.16	--	--	--	--	--	--	--
	09/26/97	13.31	5.27	--	--	--	--	--	--	0.8
	12/05/97	12.65	5.93	--	--	--	--	--	--	0.3
	02/19/98	6.46	12.12	16,000	5,500	450	500	800	<500	2.4
	06/08/98	6.62	11.96	--	--	--	--	--	--	1.2
	08/25/98	11.83	6.75	--	--	--	--	--	--	2.8
	12/28/98	12.01	6.57	--	--	--	--	--	--	2.6
	03/26/99	9.15	9.43	--	--	--	--	--	--	2.2
	06/30/99	11.22	7.36	--	--	--	--	--	--	3.8
	09/30/99	11.89	6.69	--	--	--	--	--	--	3.0
	12/27/99	13.55	5.03	34,800	8,660	953	956	2,770	<1,000	2.4/2.1
	01/21/00	13.42	5.16	40,600	14,700	1,850	1,210	3,670	<500	2.8
	03/07/00	8.11	10.47	--	--	--	--	--	--	0.4
	04/17/00	9.78	8.80	--	--	--	--	--	--	3.0/3.4
	04/18/00	--	--	18,300	8,060	543	528	872	<50.0	--
	09/21/00	13.11	5.47	--	--	--	--	--	--	5.2
	10/17/00	12.61	5.97	15,800	6,720	435	587	887	351(<66.7)	1.2/0.8
	01/09/01	12.94	5.64	--	--	--	--	--	--	0.3
	04/27/01	10.73	7.85	1,400	650	28	58	48	(<10)	1.8/2.1
	07/03/01	12.00	6.58	--	--	--	--	--	--	1.8
	12/06/01	10.53	8.05	4,500	1,500	85	160	210	(<50)	2.5/2.9
	01/23/02	9.33	9.25	--	--	--	--	--	--	0.1
	04/17/02	10.49	8.09	230	12	<0.50	4.6	2.5	(<5.0)	6.3/5.3
	07/18/02	11.98	6.60	--	--	--	--	--	--	1.2
	11/11/02	13.00	5.58	12,000	2,600	240	470	640	(-8.5)	0.2/0.2
	01/16/03	9.68	8.90	--	--	--	--	--	--	4.4
	03/13/03	10.45	8.13	820	340	2.7	<2.0	3.2	(<20)	2.8/0.9
	04/23/03	10.32	8.26	900	550	19	49	49	(<50)	0.9/0.1
	05/13/03	10.28	8.30	740	510	18	43	46	(<50)	0.1/0.2
	06/13/03	11.16	7.42	<5,000	1,500	82	180	250	(<500)	0.3/0.8
	07/14/03	11.66	6.92	5,300	3,400	160	340	420	(<20)	0.6/0.3
	09/29/03	12.44	6.14	10,000	5,700	400	670	1,000	(<50)	0.6/0.7
	10/29/03	12.63	5.95	19,000	6,600	560	820	1,300	(26)	0.6/0.4
	01/05/04	10.17	8.41	380	140	7.1	6.2	16	(<1.0)	5.0/0.8
	04/01/04	9.57	9.01	79	0.59	<0.50	<0.50	<1.0	(<0.50)	4.6/1.2
	07/02/04	11.81	6.77	4,100	2,100	33	110	81	(<10)	0.6/0.5
11/03/04	12.53	6.05	8,000	3,800	150	480	460	(<25)	1.45/2.1	
01/04/05	9.39	9.19	120	23	1.6	2.0	3.5	(<0.50)	4.21/2.82	
04/13/05	7.63	10.95	<50	<0.50	<0.50	<0.50	<0.50	(<0.50)	2.44/2.77	
07/13/05	10.85	7.73	930 e	400	6.1	<5.0	10	(<5.0)	0.84/0.66	
10/28/05	12.44	6.14	8,300	5,500	190	590	470	(<25)	0.2/0.2	
01/17/06	8.61	9.97	<50	2.2	1.1	1.4	4.8	(<0.50)	5.8/5.3	
02/23/06	9.60	8.98	--	18.1	2.22	1.89	4.50	--	--	
03/09/06	7.65	10.93	--	1.80	<0.500	<0.500	1.82	--	--	
04/21/06	6.35	12.23	<50.0	1.54	1.03	4.20	5.82	(<0.500)	--	
05/01/06	7.38	11.20	268	41.3	4.62	3.83	26.1	(<0.500)	0.27/0.36	
06/23/06	10.09	8.49	3,990	362	13.1	12.4	71.5	(<0.500)	--	
07/11/06	10.09	8.49	6,190	3,740	52.0	67.8	982	(<0.500)	--	
08/30/06	11.55	7.03	29,200	7,380	596	443	1,680	(4.45)	0.39/0.52	
09/29/06	11.97	6.61	76,100	9,300	859 i	1,290	2,820 i	(<5.00)	--	
10/13/06	12.08	6.50	49,500	7,580	770	1,030	2,860	(2.75)	--	
11/03/06	12.47	6.11	42,600	8,450	592	869	1,970	(2.69)	2.60/1.15	
12/26/06	11.80	6.78	19,000	4,600	360	640	1,300	(<5.0)	--	
01/11/07	11.84	6.74	23,000	6,000	320	780	1,100	(<25)	--	
01/30/07	12.18	6.40	3,700	890	74	170	220	(<25)	1.18/0.76	
<i>(MW-1 cont'd)</i>	03/01/07	10.74	7.84	2,600	670	32	41	180	(<10)	--
	04/26/07	10.90	7.68	12,000 k,l	2,800	220	400	560	(<20)	--
	06/01/07	11.49	7.09	15,000 k	3,900	380	670	1,010	(1.8)	0.31/0.43

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
	06/21/07	12.07	6.51	13,000 k	3,800	400	620	1,060	<50	--
	07/03/07	12.00	6.58	21,000 k	6,100	510	960	1,760	<50	--
	08/16/07	12.55	6.03	20,000 k	5,800	460	1,100	1,730	<50	0.3/0.2
	12/06/07	13.00	5.58	53,000	9,400	560	1,400	3,000	<25	--
	02/25/08	9.91	8.67	<50	<0.5	<0.5	<0.5	<0.5	<5.0	3.74
	05/26/08	11.90	6.68	9,300	2,200	67	140	130	<250	1.96/1.13
	08/18/08	12.82	5.76	15,000	3,300	110	380	430	<250	0.97/0.77
	11/20/08	13.46	5.12	18,000	4,700	190	770	910	<100	1.04/1.27
	02/18/09	11.77	6.81	2,200	54	8.7	45	76	<10	1.21/1.40
	05/26/09	11.18	7.40	750	31	7.1	3.5	23	<5.0	0.90/1.21
	11/23/09	13.15	5.43	6,300	2,100	53	170	180	<250	1.12/1.85
	05/26/10	10.74	7.84	550	96	6.2	3.1	14	<10	0.86/1.13
	12/30/10	10.53	8.05	280	40	4.6	2.8	17	<5.0	0.88/1.07
	05/23/11	10.21	8.37	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.68
	12/27/11	13.15	5.43	6,900	140	51	54	370	<50	1.03/1.13
	06/30/12	11.67	6.91	260	0.58	0.99	3.4	13	<5.0	6.18
	09/01/12	13.56	5.02	220	0.60	1.0	7.8	13	<5.0	4.22
	09/30/12	13.55	5.03	130	<0.5	0.61	2.9	1.4	<5.0	2.97/3.09
	12/14/12	11.05	7.53	<50	0.53	<0.5	0.55	1.0	<5.0	1.98/2.15
	03/24/13	11.43	7.15	240	0.93	1.5	5.7	6.2	<5.0	1.70/2.05
	07/25/13	12.40	6.18	520	140	2.7	2.4	1.2	<10	2.10/2.65
	10/20/13	13.10	5.48	340	14	2.6	7.5	14.0	<20	2.47/2.73
MW-2	03/25/96	8.19	9.71	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
17.90	06/21/96	9.94	7.96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	09/26/96	12.15	5.75	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	12/19/96	11.70	6.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	03/25/97	9.25	8.65	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	06/26/97	11.36	6.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	09/26/97	12.56	5.34	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.1
	09/26/97	12.56	5.34	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.1
	12/05/97	11.15	6.75	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.7
	02/19/98	5.61	12.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.7
	06/08/98	5.58	12.32	<50	<0.30	<0.30	<0.30	<0.60	<10	3.2
	08/25/98	10.67	7.23	--	--	--	--	--	--	1.7
	12/28/98	11.65	6.25	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	0.4/0.8
	03/26/99	8.60	9.30	--	--	--	--	--	--	0.7
	06/30/99	10.30	7.60	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	2.3
	09/30/99	10.77	7.13	--	--	--	--	--	--	1.9
	12/27/99	12.21	5.69	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	0.7/0.7
	03/07/00	7.13	10.77	--	--	--	--	--	--	1.1
	04/17/00	8.35	9.55	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.8/1.8
	09/21/00	11.76	6.14	--	--	--	--	--	--	2.1
	10/17/00	11.80	6.10	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	0.9/0.6
	01/09/01	12.14	5.76	--	--	--	--	--	--	0.7
	04/27/01	9.85	8.05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1/0.9
	07/03/01	11.20	6.70	--	--	--	--	--	--	1.2
	12/06/01	10.77	7.13	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.9/2.1
	01/23/02	8.64	9.26	--	--	--	--	--	--	2.5
	04/17/02	9.61	8.29	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.5/5.2
	07/18/02	11.09	6.81	--	--	--	--	--	--	1.4
	11/11/02	12.16	5.74	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.2/0.3
	01/16/03	8.92	8.98	--	--	--	--	--	--	1.7
	03/13/03	9.60	8.30	--	--	--	--	--	--	1.1
	04/23/03	9.48	8.42	<50	<0.50	<0.50	<0.50	<1.0	<5.0	0.4/0.2
	05/13/03	9.45	8.45	<50	<0.50	<0.50	<0.50	<1.0	<5.0	0.5/0.3
	06/13/03	10.28	7.62	<50	<0.50	<0.50	<0.50	<1.0	<5.0	0.6/0.9
	07/14/03	10.67	7.23	<50	<0.50	<0.50	<0.50	<1.0	<0.50	0.5/0.9
	09/29/03	11.58	6.32	<50	<0.50	<0.50	<0.50	<1.0	<0.50	1.9/1.3
	10/29/03	11.76	6.14	<50	<0.50	<0.50	<0.50	<1.0	<0.50	4.3/0.5
<i>(MW-2 cont'd)</i>	01/05/04	9.36	8.54	<50	<0.50	<0.50	<0.50	<1.0	<0.50	1.2/0.8
	04/01/04	8.77	9.13	<50	<0.50	<0.50	<0.50	<1.0	<0.50	4.0/0.3
	07/02/04	11.04	6.86	<50	<0.50	<0.50	<0.50	<1.0	<0.50	0.4/0.3
	11/03/04	11.71	6.19	<50	<0.50	<0.50	<0.50	<1.0	(0.54)	6.4/1.40
	01/04/05	8.68	9.22	<50	<0.50	<0.50	<0.50	<1.0	(0.62)	4.41/2.88
	04/13/05	7.13	10.77	<50	<0.50	<0.50	<0.50	<0.50	(1.7)	0.71/0.23

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
	07/13/05	10.30	7.60	<50	<0.50	<0.50	<0.50	<1.0	(2.3)	0.90/0.33
	10/28/05	11.61	6.29	<50	<0.50	<0.50	<0.50	<1.0	(4.2)	0.4/0.1
	01/17/06	8.21	9.69	<50	<0.50	<0.50	<0.50	<0.50	(5.0)	0.8/0.2
	03/09/06	7.70	10.20	--	--	--	--	--	--	--
	04/21/06	5.83	12.07	--	--	--	--	--	--	--
	05/01/06	6.34	11.56	<50.0	<0.500	<0.500	<0.500	<0.500	(4.33)	0.52/0.18
	08/30/06	10.71	7.19	<50.0	<0.500	<0.500	<0.500	<0.500	(1.98)	0.51/1.04
	09/29/06	11.03	6.87	--	--	--	--	--	--	--
	11/03/06	11.62	6.28	<50.0	<0.500	<0.500	<0.500	<0.500	(3.08)	0.44/0.40
	01/30/07	11.30	6.60	<50	<0.50	<0.50	<0.50	<1.0	(2.9)	0.92/0.63
	06/01/07	10.52	7.38	<50 k	0.71	<1.0	0.20 m	0.39 m	(1.7)	0.71/0.56
	08/16/07	11.60	6.30	<50 k	<0.50	<1.0	<1.0	<1.0	(1.3)	0.5/0.2
	12/06/07	12.39	5.51	<50	0.97	<0.5	0.56	1.5	(0.99)	--
	02/25/08	9.15	8.75	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.82
	05/26/08	11.02	6.88	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.86/1.32
	08/18/08	11.97	5.93	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.45/1.12
	11/20/08	12.64	5.26	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.10/1.16
	02/18/09	11.14	6.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.98/1.11
	05/26/09	10.31	7.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.03/1.49
	11/23/09	12.32	5.58	--	--	--	--	--	--	--
	05/26/10	9.92	7.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.99/1.43
	12/30/10	9.80	8.10	--	--	--	--	--	--	--
	05/23/11	9.37	8.53	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.48
	12/27/11	12.31	5.59	--	--	--	--	--	--	--
	06/30/12	10.49	7.41	<50	<0.5	<0.5	<0.5	<0.5	<5.0	3.46
	09/30/12	12.80	5.10	--	--	--	--	--	--	--
	12/14/12	10.37	7.53	--	--	--	--	--	--	--
	03/24/13	10.59	7.31	--	--	--	--	--	--	--
	07/25/13	11.60	6.30	--	--	--	--	--	--	--
	10/20/13	12.31	5.59	--	--	--	--	--	--	--
MW-3	03/25/96	8.47	9.71	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
<i>18.18</i>	06/21/96	10.40	7.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	09/26/96	12.45	5.73	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	12/19/96	12.14	6.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	03/25/97	9.54	8.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	06/26/97	11.66	6.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.6
	09/26/97	12.85	5.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.1
	12/05/97	11.44	6.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.6
	02/19/98	6.78	11.40	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.6
	06/08/98	6.82	11.36	<50	<0.30	<0.30	<0.30	<0.60	<10	3.8
	06/08/98	6.82	11.36	<50	<0.30	<0.30	<0.30	<0.60	<10	3.8
	08/25/98	11.09	7.09	--	--	--	--	--	--	1.2
	12/28/98	11.84	6.34	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	0.9/0.6
	03/26/99	8.57	9.61	--	--	--	--	--	--	0.8
	06/30/99	10.61	7.57	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	4.8
	09/30/99	11.53	6.65	--	--	--	--	--	--	1.4
	12/27/99	12.35	5.83	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	1.4/2.5
	03/07/00	7.36	10.82	--	--	--	--	--	--	5.8
	04/17/00	8.39	9.79	<50.0	<0.500	<0.500	<0.500	<0.500	19.3	6.5/5.1
	09/21/00	12.01	6.17	--	--	--	--	--	--	3.0
	10/17/00	12.10	6.08	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	2.0/1.0
	01/09/01	12.43	5.75	--	--	--	--	--	--	1.9
	04/27/01	10.10	8.08	<50	<0.50	<0.50	<0.50	<0.50	(<0.50)	2.3/2.4
	07/03/01	11.45	6.73	--	--	--	--	--	--	1.4
	12/06/01	11.07	7.11	<50	<0.50	<0.50	<0.50	<0.50	(<5.0)	2.8/3.9
	01/23/02	8.89	9.29	--	--	--	--	--	--	3.1
<i>(MW-3 cont'd)</i>	04/17/02	9.92	8.26	<50	<0.50	<0.50	<0.50	<0.50	(<5.0)	3.7/3.2
	07/18/02	11.42	6.76	--	--	--	--	--	--	1.6
	11/11/02	12.44	5.74	<50	<0.50	<0.50	<0.50	<0.50	(<5.0)	0.3/0.4
	01/16/03	9.25	8.93	--	--	--	--	--	--	2.1
	03/13/03	9.84	8.34	--	--	--	--	--	--	1.2
	04/23/03	9.71	8.47	<50	<0.50	<0.50	<0.50	<1.0	(<5.0)	0.7/0.2
	05/13/03	9.70	8.48	<50	<0.50	<0.50	<0.50	<1.0	(<5.0)	0.6/0.2
	06/13/03	10.58	7.60	<50	<0.50	<0.50	<0.50	<1.0	(<5.0)	0.4/1.3
	07/14/03	10.98	7.20	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	0.4/0.3

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
	09/29/03	11.84	6.34	<50	<0.50	<0.50	<0.50	<1.0	<0.50	1.4/1.1
	10/29/03	12.05	6.13	58 b	<0.50	<0.50	<0.50	<1.0	<0.50	0.8/0.4
	01/05/04	9.70	8.48	<50	<0.50	<0.50	<0.50	<1.0	<0.50	1.3/0.7
	04/01/04	9.03	9.15	<50	<0.50	<0.50	<0.50	<1.0	<0.50	1.2/0.6
	07/02/04	11.15	7.03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	0.7/0.5
	11/03/04	11.98	6.20	<50	<0.50	<0.50	<0.50	<1.0	<0.50	1.65/2.75
	01/04/05	8.98	9.20	<50	<0.50	<0.50	<0.50	<1.0	<0.50	3.21/1.87
	04/13/05	7.22	10.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.92/5.28
	07/13/05	10.30	7.88	<50	<0.50	<0.50	<0.50	<1.0	<0.50	0.30/0.40
	10/28/05	11.81	6.37	<50 f	<0.50	<0.50	<0.50	<1.0	<0.50	0.8/0.2
	01/17/06	8.17	10.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.1/2.0
	03/09/06	6.45	11.73	--	--	--	--	--	--	--
	04/21/06	5.96	12.22	--	--	--	--	--	--	--
	05/01/06	6.40	11.78	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500(<0.500)	0.68/0.42
	08/30/06	10.95	7.23	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500(<0.500)	3.53/3.14
	09/29/06	11.40	6.78	--	--	--	--	--	--	--
	11/03/06	11.91	6.27	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500(<0.500)	7.0/6.8
	01/30/07	11.55	6.63	<50	<0.50	<0.50	<0.50	<1.0	<0.50(<0.50)	1.45/1.10
	06/01/07	10.86	7.32	<50 k	0.34 m	<1.0	<1.0	<1.0	<1.0(<1.0)	0.62/0.56
	08/16/07	11.87	6.31	<50 k	<0.50	<1.0	<1.0	<1.0	<1.0(<1.0)	0.2/0.2
	12/06/07	14.43	3.75	<50	1.8	1.0	0.90	4.4	<0.5	--
	02/25/08	9.37	8.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	4.91
	05/26/08	11.31	6.87	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.79/2.01
	08/18/08	12.28	5.90	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.57/1.52
	11/20/08	12.84	5.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.24/1.68
	02/18/09	11.45	6.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.16/1.38
	05/26/09	10.62	7.56	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.21/1.40
	11/23/09	12.59	5.59	--	--	--	--	--	--	--
	05/26/10	10.17	8.01	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.29/1.38
	12/30/10	10.08	8.10	--	--	--	--	--	--	--
	05/23/11	9.63	8.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.52
	12/27/11	12.58	5.60	--	--	--	--	--	--	--
	06/30/12	10.60	7.58	<50	<0.5	<0.5	<0.5	<0.5	<0.5	2.53
	09/30/12	13.02	5.16	--	--	--	--	--	--	--
	12/14/12	10.58	7.60	--	--	--	--	--	--	--
	03/24/13	10.86	7.32	--	--	--	--	--	--	--
	07/25/13	11.85	6.33	--	--	--	--	--	--	--
	10/20/13	12.09	6.09	--	--	--	--	--	--	--
MW-4	03/25/96	9.20	8.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
<i>18.01</i>	06/21/96	10.25	7.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	09/26/96	12.29	5.72	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	12/19/96	12.47	5.54	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	03/25/97	9.44	8.57	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	06/26/97	11.57	6.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	6.2
	06/26/97	11.57	6.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	6.2
	09/26/97	12.75	5.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.1
	12/05/97	11.37	6.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	12/05/97	11.37	6.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	02/19/98	5.59	12.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	6.5

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
(MW-4 cont'd)	06/08/98	5.65	12.36	<50	<0.30	<0.30	<0.30	<0.60	<10	2.6
	08/25/98	10.98	7.03	--	--	--	--	--	--	2.4
	12/28/98	11.83	6.18	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	1.3/1.2
	03/26/99	8.40	9.61	--	--	--	--	--	--	1.9
	06/30/99	10.53	7.48	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	7.6
	09/30/99	11.03	6.98	--	--	--	--	--	--	2.6
	12/27/99	12.53	5.48	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	1.9/0.8
	03/07/00	7.00	11.01	--	--	--	--	--	--	6.5
	04/17/00	8.57	9.44	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	5.1/5.1
	09/21/00	12.05	5.96	--	--	--	--	--	--	3.0
	10/17/00	11.96	6.05	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	5.5/1.2
	01/09/01	12.33	5.68	--	--	--	--	--	--	2.1
	04/27/01	9.96	8.05	<50	<0.50	<0.50	<0.50	<0.50	(<0.50)	5.3/3.8
	07/03/01	11.35	6.66	--	--	--	--	--	--	4.5
	12/06/01	10.99	7.02	<50	<0.50	<0.50	<0.50	<0.50	(<5.0)	10.23/6.5
	01/23/02	8.80	9.21	--	--	--	--	--	--	8.8
	04/17/02	9.75	8.26	<50	<0.50	<0.50	<0.50	<0.50	(<5.0)	7.0/5.1
	07/18/02	11.32	6.69	--	--	--	--	--	--	5.3
	11/11/02	12.36	5.65	<50	<0.50	<0.50	<0.50	<0.50	(<5.0)	3.6/2.0
	01/16/03	10.33	7.68	--	--	--	--	--	--	6.5
	03/13/03	10.06	7.95	--	--	--	--	--	--	6.5
	04/23/03	9.57	8.44	<50	<0.50	<0.50	<0.50	<1.0	(<5.0)	5.1/5.7
	05/13/03	9.55	8.46	<50	<0.50	<0.50	<0.50	<1.0	(<5.0)	2.0/2.5
	06/13/03	10.50	7.51	<50	<0.50	<0.50	<0.50	<1.0	(<5.0)	5.0/5.6
	07/14/03	10.86	7.15	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	3.9/4.2
	09/29/03	11.74	6.27	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	1.6/1.4
	10/29/03	11.95	6.06	58 b	<0.50	<0.50	<0.50	<1.0	(<0.50)	2.4/1.0
	01/05/04	10.35	7.66	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	7.4/7.5
	04/01/04	8.81	9.20	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	6.0/6.4
	07/02/04	11.10	6.91	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	0.8/0.6
	11/03/04	11.85	6.16	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	1.3/2.84
	01/04/05	9.06	8.95	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	7.12/6.37
	04/13/05	6.84	11.17	<50	<0.50	<0.50	<0.50	<0.50	(<0.50)	5.81/5.66
	07/13/05	10.20	7.81	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	1.87/3.75
	10/28/05	11.75	6.26	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	1.4/0.8
	01/17/06	8.00	10.01	<50	<0.50	<0.50	<0.50	<0.50	(<0.50)	6.4/6.2
	03/09/06	6.55	11.46	--	--	--	--	--	--	--
	04/21/06	5.45	12.56	--	--	--	--	--	--	--
	05/01/06	6.14	11.87	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.50)	1.09/0.72
	08/30/06	10.82	7.19	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.50)	4.31/4.35
	09/29/06	11.29	6.72	--	--	--	--	--	--	--
	11/03/06	11.81	6.20	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.50)	3.30/2.40
	01/30/07	11.45	6.56	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	1.67/0.94
	06/01/07	10.72	7.29	67 k	<0.50	<1.0	<1.0	<1.0	(<1.0)	0.93/0.81
	08/16/07	11.81	6.20	<50 k	<0.50	<1.0	<1.0	<1.0	(<1.0)	0.5/1.3
	12/06/07	12.34	5.67	<50	<0.5	<0.5	<0.5	<0.5	(<0.5)	--
	02/25/08	9.03	8.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0	6.84
	05/26/08	11.23	6.78	<50	<0.5	<0.5	<0.5	<0.5	<5.0	6.59/5.22
	08/18/08	12.20	5.81	<50	<0.5	<0.5	<0.5	<0.5	<5.0	7.99/2.89
	11/20/08	12.83	5.18	<50	<0.5	<0.5	<0.5	<0.5	<5.0	3.51/3.18
	02/18/09	11.23	6.78	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.90/3.15
	05/26/09	10.47	7.54	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.78/2.85
	11/23/09	12.51	5.50	--	--	--	--	--	--	--
	05/26/10	10.05	7.96	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.49/2.12
	12/30/10	10.11	7.90	--	--	--	--	--	--	--
	05/23/11	9.49	8.52	<50	<0.5	<0.5	<0.5	<0.5	<5.0	4.13
	12/27/11	12.48	5.53	--	--	--	--	--	--	--
	06/30/12	10.94	7.07	<50	<0.5	<0.5	<0.5	<0.5	<5.0	4.01
	09/30/12	12.82	5.19	--	--	--	--	--	--	--
	12/14/12	10.31	7.70	--	--	--	--	--	--	--
	03/24/13	10.80	7.21	--	--	--	--	--	--	--
	07/25/13	11.73	6.28	--	--	--	--	--	--	--
	10/20/13	12.50	5.51	--	--	--	--	--	--	--

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
MW-5 <i>18.47</i>	12/03/01	11.86	6.61	--	--	--	--	--	--	--
	12/06/01	11.40	7.07	31,000	3,000	2,000	1,100	3,000	(<50)	3.1/3.2
	01/23/02	9.24	9.23	--	--	--	--	--	--	0.9
	04/17/02	10.35	8.12	33,000	3,800	2,400	1,300	4,400	(<200)	5.3/3.8
	07/18/02	11.82	6.65	--	--	--	--	--	--	0.8
	11/11/02	12.86	5.61	100,000	7,100	12,000	3,000	17,000	(5.10)	1.2/1.4
	01/16/03	9.57	8.90	--	--	--	--	--	--	0.0
	03/13/03	10.30	8.17	33,000	2,800	2,200	980	4,600	(<100)	0.5/0.3
	04/07/03	10.29	8.18	--	--	--	--	--	--	--
	04/23/03	10.15	8.32	33,000	2,900	3,100	960	5,800	(<250)	0.1/0.1
	05/13/03	10.12	8.35	30,000	2,600	1,500	850	4,500	(<250)	0.4/0.3
	06/13/03	11.00	7.47	33,000	3,400	2,300	1,000	4,400	(<500)	0.3/0.3
	07/14/03	11.39	7.08	41,000	5,100	3,500	1,400	5,100	(<50)	0.5/0.5
	09/29/03	12.24	6.23	59,000	6,600	4,200	1,500	6,500	(<50)	0.6/0.5
	10/29/03	12.45	6.02	45,000	6,800	3,500	1,500	6,400	(21)	0.5/0.3
	01/05/04	9.97	8.50	26,000	4,900	1,700	1,100	3,300	(<50)	0.9/1.2
	04/01/04	9.43	9.04	29,000	5,300	2,700	880	2,900	(<50)	0.3/1.0
	07/02/04	11.62	6.85	19,000	5,300	740	1,100	1,400	(<50)	0.4/0.5
	11/03/04	12.26	6.21	31,000	7,500	2,300	1,400	4,400	(<50)	2.5/1.9
	01/04/05	9.13	9.34	18,000	3,500	1,200	730	2,300	(<25)	0.44/1.64
	04/13/05	7.60	10.87	7,000	100	460	180	880	(<1.0)	0.17/0.45
	07/13/05	10.63	7.84	9,400	2,400	840	440	1,100	(<13)	0.13/0.27
	10/28/05	12.14	6.33	28,000	16,000	2,900	1,400	3,100	(<50)	0.3/1.3
	01/17/06	8.52	9.95	6,700	1,200	720	400	1,500	(1.3)	0.6/2.6
	02/23/06	9.22	9.25	--	4,630	1,470	709	2,310	--	--
	03/09/06	7.15	11.32	--	474	90.3	63.3	169	--	--
	04/21/06	5.82	12.65	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.500)	--
	05/01/06	7.23	11.24	779	6.77	41.1	20.0	130	(<0.500)	0.39/1.52
	06/23/06	10.06	8.41	22,600	2,830	557	469	1,210	(<0.500)	--
	07/11/06	10.06	8.41	31,100	3,880	2,080	857	3,700	(<0.500)	--
	08/30/06	11.32	7.15	28,200	4,840	1,320	705	2,430	(5.35)	0.47/3.64
	09/29/06	11.81	6.66	94,900	10,100	2,960	1,810	5,310 i	(7.20)	--
	10/13/06	12.01	6.46	48,200	7,710	1,360	1,250	3,460	(5.64)	--
11/03/06	12.31	6.16	50,600	11,300	1,730	1,250	3,840	(<0.500)	0.60/4.10	
12/26/06	11.58	6.89	32,000	11,000	780	1,200	2,800	(<10)	--	
01/11/07	11.61	6.86	35,000	11,000	1,100	1,200	3,100	(<50)	--	
01/30/07	11.95	6.52	27,000	9,800	610	860	2,400	(<50)	0.87/0.62	
03/01/07	10.95	7.52	23,000	9,400	640	1,200	3,100	(<50)	--	
04/26/07	10.69	7.78	48,000 k,l	14,000	1,300	1,600	3,600	(<100)	--	
06/01/07	11.25	7.22	54,000 k	15,000	2,800	2,200	6,100	(<100)	0.44/0.87	
06/21/07	11.96	6.51	32,000 k	12,000	1,200	1,400	2,780	(<100)	--	
07/03/07	11.81	6.66	41,000 k	15,000	1,800	1,900	4,050	(<100)	--	
08/16/07	12.36	6.11	43,000 k,l	13,000	2,000	2,000	4,150	(<100)	0.6/0.1	
12/06/07	12.81	5.66	37,000	7,900	640	1,100	1,500	(<17)	--	
02/25/08	9.75	8.72	3,000	640	9.7	52	77	20	2.19	
05/26/08	11.69	6.78	39,000	9,600	1,100	1,400	2,400	<250	1.10/1.52	
06/27/08										
MW-5 drilled out and replaced with MW-5R										
MW-5R <i>18.40</i>	07/02/08	11.91	--	22,000	4,100	710	750	2,300	<250	--
	08/18/08	12.59	--	27,000	3,100	340	780	2,100	<100	0.57/3.23
	11/20/08	13.24	--	23,000	5,200	470	1,200	1,500	<250	0.83/2.50
	02/18/09	11.58	--	32,000	4,500	610	990	1,400	<500	1.04/2.11
	05/26/09	10.92	--	15,000	3,500	520	680	1,500	<200	0.85/1.05
	11/23/09	12.92	--	15,000	3,200	350	560	940	<250	0.98/2.30
	05/26/10	10.51	--	15,000	3,400	310	460	1,300	<350	0.88/0.95
	12/30/10	10.35	--	11,000	3,400	190	360	620	<250	0.89/1.02
	05/23/11	9.98	8.42	7,000	1,000	49	320	190	<150	0.03
	12/27/11	12.92	5.48	9,900	1,100	160	480	740	<250	0.32/0.47
	06/30/12	12.15	6.25	3,400	300	53	120	150	<25	2.30
	09/01/12	13.64	4.76	1,200	110	20	51	120	<10	1.94
	09/30/12	13.36	5.04	2,800	360	32	140	52	<50	1.29/1.60
12/14/12	11.03	7.37	4,100	360	120	150	390	<50	2.11/2.51	

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
<i>(MW-5R cont'd)</i>	03/24/13	11.18	7.22	1,200	140	7.8	12	7.3	<5.0	1.49/2.68
	07/25/13	12.16	6.24	5,100	320	71	140	450	<50	0.92/1.56
	10/20/13	12.94	5.46	3,600	210	59	62	400	<50	0.80/1.23
MW-6 <i>18.84</i>	12/03/01	12.19	6.65	--	--	--	--	--	--	--
	12/06/01	11.70	7.14	76	5.7	3.8	1.4	7.0	<5.0	6.3/6.1
	01/23/02	9.57	9.27	--	--	--	--	--	--	8.7
	04/17/02	10.73	8.11	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.8/9.1
	07/18/02	12.27	6.57	--	--	--	--	--	--	1.7
	11/11/02	13.24	5.60	580	55	<0.50	<0.50	2.8	<5.0	0.3/0.6
	01/16/03	9.89	8.95	--	--	--	--	--	--	6.4
	03/13/03	10.66	8.18	--	--	--	--	--	--	5.5
	04/23/03	10.57	8.27	<50	<0.50	<0.50	<0.50	<1.0	<5.0	3.7/4.4
	05/13/03	10.56	8.28	<50	<0.50	<0.50	<0.50	<1.0	<5.0	3.5/3.0
	06/13/03	11.48	7.36	<50	<0.50	<0.50	<0.50	<1.0	<5.0	2.7/3.1
	07/14/03	11.83	7.01	230 b	3.4	<0.50	<0.50	<1.0	<5.0	1.8/1.3
	09/29/03	12.70	6.14	910 b	46	<2.5	<2.5	<5.0	<2.5	1.1/1.0
	10/29/03	12.91	5.93	830	38	0.53	<0.50	3.3	(0.60)	1.2/0.9
	01/05/04	10.35	8.49	93	0.92	<0.50	<0.50	<1.0	<5.0	6.2/4.3
	04/01/04	9.80	9.04	<50	<0.50	<0.50	<0.50	<1.0	<5.0	3.5/3.4
	07/02/04	12.09	6.75	370	3.0	<0.50	<0.50	<1.0	<5.0	0.6/1.0
	11/03/04	12.84	6.00	540	22	0.73	<0.50	1.5	(0.82)	2.28/0.84
	01/04/05	9.55	9.29	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.71/5.16
	04/13/05	7.89	10.95	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.99/2.87
	07/13/05	11.13	7.71	170	6.2	1.1	<0.50	<1.0	(0.71)	0.10/1.32
	10/28/05	12.74	6.10	490	22	<0.50	<0.50	<1.0	<5.0	0.6/0.3
	01/17/06	8.80	10.04	<50	<0.50	<0.50	<0.50	<0.50	<5.0	5.3/4.9
	02/23/06	9.54	9.30	--	<0.500	<0.500	<0.500	<0.500	--	--
	03/09/06	7.25	11.59	--	<0.500	<0.500	<0.500	<0.500	--	--
	04/21/06	6.34	12.50	<50.0	<0.500	<0.500	<0.500	<0.500	<5.000	--
	05/01/06	7.32	11.52	<50.0	<0.500	<0.500	<0.500	<0.500	<5.000	0.72/0.63
	06/23/06	10.12	8.72	<50.0	<0.500	<0.500	<0.500	<0.500	<5.000	--
	07/11/06	10.12	8.72	<50.0	<0.500	<0.500	<0.500	<0.500	<5.000	--
	08/30/06	11.79	7.05	<50.0	3.32	<0.500	<0.500	<0.500	<5.000	0.80/0.86
	09/29/06	12.32	6.52	<50.0	1.59	<0.500	<0.500	<0.500	<5.000	--
	10/13/06	12.38	6.46	934	3.14	<0.500	<0.500	<0.500	<5.000	--
	11/03/06	12.77	6.07	112	10.6	<0.500	<0.500	<0.500	<5.000	3.80/1.10
	12/26/06	12.05	6.79	690	62	<0.50	<0.50	4.5	<5.0	--
	01/11/07	12.12	6.72	660	11	<0.50	<0.50	2.3	<5.0	--
	01/30/07	12.44	6.40	310	1.5	<0.50	<0.50	<1.0	<5.0	1.47/0.81
	03/01/07	10.97	7.87	360	3.6	<0.50	<0.50	0.87	<5.0	--
	04/26/07	11.18	7.66	210 k	0.72	<1.0	<1.0	<1.0	<1.0	--
06/01/07	11.72	7.12	640 k	3.1	<1.0	<1.0	0.27 m	<1.0	0.69/0.50	
06/21/07	12.22	6.62	390 k	3.0	<1.0	<1.0	0.17 m	<1.0	--	
07/03/07	12.22	6.62	360 k	3.0	<1.0	0.36 m	1.2	<1.0	--	
08/16/07	12.74	6.10	400 k,l	2.8	<1.0	<1.0	<1.0	<1.0	0.4/0.1	
12/06/07	13.24	5.60	130	<0.5	1.6	<0.5	<0.5	<5.0	--	
02/25/08	10.26	8.58	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.81	
05/26/08	12.20	6.64	<50	1.1	0.88	<0.5	<0.5	<5.0	6.77/6.59	
08/18/08	13.10	5.74	160	11	2.4	<0.5	0.57	<5.0	1.13/3.35	
11/20/08	13.73	5.11	120	1.1	1.7	<0.5	0.68	<5.0	0.98/2.11	
02/18/09	11.95	6.89	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.70/1.92	
05/26/09	11.46	7.38	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.72/1.65	
11/23/09	13.42	5.42	220	1.3	2.6	<0.5	1.0	<15	0.91/1.51	
05/26/10	11.04	7.80	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.82/1.49	
12/30/10	10.83	8.01	150	0.73	2.4	<0.5	<0.5	<5.0	1.02/2.19	
05/23/11	10.50	8.34	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.93	
12/27/11	13.42	5.42	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.58/0.64	
06/30/12	11.74	7.10	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.47	
09/01/12	13.52	5.32	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.50	
09/30/12	13.60	5.24	--	--	--	--	--	--	1.73/1.98	
10/30/12	13.48	5.36	<50	1.1	<0.5	<0.5	3.5	<5.0	2.04/3.24	
12/14/12	11.13	7.71	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.29/1.90	

see note n

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
<i>(MW-6 cont'd)</i>	03/24/13	11.72	7.12	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.17/1.85
	07/25/13	12.69	6.15	63	<0.5	1.2	<0.5	<0.5	<5.0	1.21/1.90
	10/20/13	13.38	5.46	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.05/1.74
MW-7 19.20	12/03/01	12.66	6.54	--	--	--	--	--	--	--
	12/06/01	12.20	7.00	1,800	390	<2.0	6.2	<2.0	(<20)	3.9/3.8
	01/23/02	10.00	9.20	--	--	--	--	--	--	9.4
	04/17/02	11.21	7.99	<50	<0.50	<0.50	<0.50	<0.50	(<5.0)	8.8/7.3
	07/18/02	12.69	6.51	--	--	--	--	--	--	0.8
	11/11/02	13.69	5.51	3,000	190	<0.50	<0.50	4.3	(5.2)	0.4/0.8
	01/16/03	10.36	8.84	--	--	--	--	--	--	7.9
	03/13/03	11.16	8.04	--	--	--	--	--	--	5.2
	04/23/03	11.02	8.18	250	48	<0.50	<0.50	<1.0	(<5.0)	3.2/1.3
	05/13/03	11.00	8.20	1,700	550	<2.5	<2.5	<5.0	(<25)	2.0/1.5
	06/13/03	11.90	7.30	1,500 b	470	<2.5	<2.5	<5.0	(<25)	1.8/1.6
	07/14/03	12.29	6.91	1300 b	1,200	<10	<10	<20	(<10)	0.4/0.2
	09/29/03	13.12	6.08	5,200	1,200	<10	<10	<20	(<10)	0.9/0.9
	10/29/03	13.34	5.86	4,800	1,100	<5.0	<5.0	<10	(8.9)	0.4/0.3
	01/05/04	10.85	8.35	53	6.7	<0.50	<0.50	<1.0	(<0.50)	1.4/2.3
	04/01/04	10.28	8.92	<50	<0.50	<0.50	<0.50	<1.0	(<0.50)	5.5/6.2
	07/02/04	12.48	6.72	8,100 d	3,400	<25	<25	<50	(<25)	0.8/0.8
	11/03/04	13.25	5.95	3,700	1,200	<5.0	<5.0	<10	(<5.0)	1.9/0.8
	01/04/05	10.02	9.18	<50	2.0	<0.50	<0.50	<1.0	(<0.50)	6.31/5.71
	04/13/05	8.46	10.74	<50	<0.50	<0.50	<0.50	<0.50	(<0.50)	5.87/5.89
	07/13/05	11.57	7.63	1,100	380	9.2	<2.5	37	(<2.5)	0.30/0.33
	10/28/05	13.15	6.05	5,100	2,900	<13	<13	<25	(<13)	0.6/0.9
	01/17/06	9.30	9.90	<50	<0.50	<0.50	<0.50	<0.50	(<0.50)	6.4/7.4
	02/23/06	10.03	9.17	--	<0.500	<0.500	<0.500	<0.500	--	--
	03/09/06	7.70	11.50	--	<0.500	<0.500	<0.500	<0.500	--	--
	04/21/06	6.66	12.54	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.500)	--
	05/01/06	7.72	11.48	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.500)	0.67/0.98
	06/23/06	10.55	8.65	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.500)	--
	07/11/06	10.55	8.65	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.500)	--
	08/30/06	12.35	6.85	1,520	150	13.3	5.78	53.0	(0.640)	0.52/0.79
	09/29/06	12.66	6.54	2,420	384	1.80	<0.500	5.44	(0.850)	--
	10/13/06	12.85	6.35	5,980	549	0.540	0.680	11.7	(0.930)	--
	11/03/06	13.73	5.47	3,190	501	<0.500	<0.500	5.38	(0.560)	2.2/1.4
	12/26/06	12.51	6.69	4,600	570	<0.50	44	2.1	(<0.50)	--
	01/11/07	12.55	6.65	3,900	490	<2.5	46	<5.0	(<2.5)	--
	01/30/07	12.89	6.31	2,500	380	<2.5	40	<5.0	(<2.5)	1.37/0.90
	03/01/07	11.45	7.75	2,600	350	<2.5	35	3.5	(<2.5)	--
	04/26/07	11.62	7.58	2,300 k	290	<5.0	31	1.3 m	(<5.0)	--
	06/01/07	12.23	6.97	4,400 k	350	<2.0	19	<2.0	(1.1 m)	0.04/0.71
	06/21/07	12.67	6.53	2,600 k	260	<2.0	12	<2.0	(1.4 m)	--
07/03/07	12.76	6.44	1,700 k	170	<1.0	7.7	0.86 m	(<1.0)	--	
08/16/07	13.20	6.00	1,900 k	44	<1.0	<1.0	<1.0	(<1.0)	0.5/1.1	
12/06/07	13.73	5.47	510	21	3.1	5.8	14	(1.2)	--	
02/25/08	10.65	8.55	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.11	
05/26/08	12.62	6.58	600	190	2.3	<0.5	<0.5	<35	1.31/3.52	
08/18/08	13.52	5.68	540	71	2.7	<0.5	0.85	<25	1.12/4.75	
11/20/08	14.14	5.06	160	2.2	1.3	<0.5	<0.5	<10	1.46/2.90	
02/18/09	12.48	6.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.08/2.70	
05/26/09	11.90	7.30	<50	2.8	0.60	<0.5	<0.5	<5.0	1.02/1.77	
11/23/09	13.85	5.35	230	3.8	3.5	<0.5	<0.5	<30	1.08/2.14	
05/26/10	11.46	7.74	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.88/1.61	
12/30/10	11.18	8.02	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.91/1.7	
05/23/11	8.98	10.22	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.91	
12/27/11	13.84	5.36	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.81/2.02	
06/30/12	12.29	6.91	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.92	
09/30/12	14.15	5.05	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.46/2.70	
12/14/12	11.61	7.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.90/2.25	
03/24/13	12.15	7.05	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.80/1.97	
07/25/13	13.07	6.13	<50	0.65	<0.5	<0.5	<0.5	<5.0	1.68/2.04	
10/20/13	13.82	5.38	5.38	160	0.79	1.2	<0.5	<0.5	<10	1.19/1.95

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)	
VW/MW-2	03/25/96	9.04	9.26	13,000	900	920	180	1,500	<250	--	
	18.30	06/21/96	10.48	7.82	27,000	4,100	1,100	1,400	3,200	700	--
	09/26/96	12.52	5.78	27,000	5,300	1,900	980	2,200	<500	--	
<i>VW/MW-2 cont'd,</i>	09/26/96	12.52	5.78	29,000	5,800	2,200	1,100	2,500	<250	--	
	12/19/96	12.42	5.88	50,000	6,200	5,100	1,700	5,600	590	--	
	03/25/97	9.83	8.47	210	5.6	<0.50	0.52	<0.50	14	2.0	
	03/25/97	9.83	8.47	250	1.7	0.58	0.51	<0.50	4.7	2.0	
	06/26/97	12.43	5.87	--	--	--	--	--	--	--	
	09/26/97	12.98	5.32	--	--	--	--	--	--	0.9	
	12/05/97	12.20	6.10	--	--	--	--	--	--	0.4	
	02/19/98	5.83	12.47	<50	1.5	<0.50	<0.50	0.71	<2.5	3.6	
	06/08/98	5.80	12.50	--	--	--	--	--	--	1.0	
	08/25/98	11.72	6.58	--	--	--	--	--	--	4.8	
	12/28/98	11.69	6.61	--	--	--	--	--	--	2.7	
	03/26/99	8.75	9.55	--	--	--	--	--	--	2.8	
	06/30/99	10.72	7.58	--	--	--	--	--	--	4.7	
	09/30/99	12.24	6.06	--	--	--	--	--	--	4.9	
	12/27/99	13.92	4.38	13,500	1,330	1,310	490	1,400	<250	2.1/1.9	
	01/21/00	13.26	5.04	12,100	2,200	1,080	429	1,120	<250	2.8	
	03/07/00	7.87	10.43	--	--	--	--	--	--	3.7	
	04/17/00	9.65	8.65	--	--	--	--	--	--	3.7/4.1	
	04/18/00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	
	09/21/00	12.75	5.55	--	--	--	--	--	--	6.2	
	10/17/00	12.21	6.09	4,070	763	589	214	501	<50.0	0.8/0.7	
	01/09/01	12.51	5.79	--	--	--	--	--	--	0.7	
	04/27/01	10.21	8.09	80	5.7	<0.50	2.7	4.9	(<0.50)	2.3/2.8	
	07/03/01	11.60	6.70	--	--	--	--	--	--	0.6	
	12/06/01	11.15	7.15	160	1.7	1.0	1.8	4.6	(<5.0)	3.7/2.3	
	01/23/02	9.07	9.23	--	--	--	--	--	--	0.5	
	04/17/02	10.11	8.19	<50	2.1	<0.50	<0.50	<0.50	(<5.0)	4.9/4.4	
	07/18/02	11.61	6.69	--	--	--	--	--	--	0.9	
	11/11/02	12.63	5.67	15,000	1,300	1,300	680	1,800	(<5.0)	0.2/0.2	
	01/16/03	9.35	8.95	--	--	--	--	--	--	0.4	
	03/13/03	10.09	8.21	--	--	--	--	--	--	0.8	
	04/07/03	10.09	8.21	--	--	--	--	--	--	--	
04/23/03	9.95	8.35	1,100	76	29	45	66	(<5.0)	0.8/0.3		
05/13/03	9.90	8.40	1,200	38	16	16	24	(<5.0)	0.2/0.2		
06/13/03	10.80	7.50	9,600	1,300	1,100	440	890	(<250)	0.2/0.5		
07/14/03	11.20	7.10	11,000	1,300	1,800	430	1,500	(<5.0)	0.5/0.5		
09/29/03	12.05	6.25	12,000	860	980	410	1,100	(<10)	0.4/0.4		
10/29/03	12.29	6.01	12,000	1,100	940	530	1,200	(<10)	0.7/0.3		
01/05/04	9.82	8.48	190 b	<0.50	<0.50	<0.50	<1.0	(<0.50)	2.8/1.8		
04/01/04	9.24	9.06	410	1.4	0.54	1.6	1.0	(<0.50)	1.7/0.1		
07/02/04	11.33	6.97	5,500	440	370	170	410	(<2.5)	0.5/0.4		
11/03/04	12.14	6.16	3,800	260	210	150	600	(<2.5)	0.9/1.4		
01/04/05	9.03	9.27	280	5.8	20	7.8	26	(<0.50)	1.66/2.66		
04/13/05	7.38	10.92	<50	<0.50	<0.50	<0.50	<0.50	(<0.50)	0.79/0.58		
07/13/05	10.45	7.85	350	19	9.3	9.8	14	(<0.50)	0.10/0.08		
10/28/05	11.98	6.32	3,400	440	350	150	320	(<2.5)	0.4/0.1		
01/17/06	8.34	9.96	700	3.1	5.1	7.7	66	(<0.50)	2.7/1.6		
02/23/06	9.42	8.88	--	97.9	17.2	40.0	80.6	--	--		
03/09/06	7.35	10.95	--	<0.500	29.2	57.8	486	--	--		
04/21/06	5.99	12.31	<50.0	<0.500	0.960	<0.500	2.71	(<0.500)	--		
05/01/06	7.25	11.05	<50.0	<0.500	<0.500	<0.500	<0.500	(<0.500)	0.43/0.10		
06/23/06	10.05	8.25	3,150	35.6	9.24	20.7	113	(<0.500)	--		
07/11/06	10.05	8.25	9,270	413	78.2	91.5	341	(2.40)	--		
08/30/06	11.12	7.18	4,900	135	45.5	73.3	180	(2.40)	0.37/0.62		
09/29/06	11.61	6.69	12,300	243	142	290	634	(2.50)	--		
10/13/06	12.01	6.29	19,300	292	169	384	1,080	(1.84)	--		
11/03/06	12.12	6.18	9,300	655	233	366	729	(4.15)	2.0/1.05		
12/26/06	11.41	6.89	2,600	61	50	74	250	(<0.50)	--		
01/11/07	11.45	6.85	5,200	160	190	170	570	(<0.50)	--		
01/30/07	12.21	6.09	2,200	160	20	84	200	(<2.5)	1.37/0.79		
03/01/07	10.40	7.90	520	0.50	0.53	3.3	15	(<0.50)	--		
04/26/07	10.51	7.79	5,700 k	220	140	170	420	(<2.0)	--		

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
<i>VW/MW-2 cont'd,</i>	06/01/07	11.00	7.30	4,300 k	150	150	140	380	<(-2.0)	0.36/0.23
	06/21/07	11.78	6.52	9,000 k	540	500	350	870	(1.8 m)	--
	07/03/07	11.64	6.66	4,500 k	230	160	160	440	<(-5.0)	--
	08/16/07	12.12	6.18	8,800 k	550	520	430	1,020	<(-5.0)	0.3/0.1
	12/06/07	12.43	5.87	2,600	110	84	64	180	(2.4)	--
	02/25/08	9.55	8.75	620	100	4.1	4.9	2.0	<5.0	2.48
	05/26/08	11.53	6.77	7,200	350	200	220	510	<100	1.52/0.99
	08/18/08	12.45	5.85	7,000	420	160	180	460	<100	0.70/0.67
	11/20/08	13.09	5.21	3,400	86	84	75	230	<50	0.93/1.47
	02/18/09	11.35	6.95	1,400	3.5	16	7.2	28	<15	0.77/1.18
	05/26/09	10.76	7.54	1,000	9.5	26	17	56	<5.0	0.84/1.19
	11/23/09	12.77	5.53	270	2.7	5.0	1.5	3.5	<5.0	0.81/2.49
	05/26/10	10.36	7.94	490	3.5	12	4.3	23	<5.0	0.69/0.94
	12/30/10	10.11	8.19	180	0.75	4.0	1.2	4.8	<5.0	0.79/1.02
	05/23/11	9.83	8.47	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.68
	12/27/11	12.78	5.52	280	3.1	6.2	1.5	1.4	<10	0.72/0.77
	06/30/12	10.63	7.67	<50	<0.5	0.54	<0.5	3.1	<5.0	4.41
	09/30/12	13.35	4.95	<50	0.57	<0.5	<0.5	<0.5	<5.0	2.02/1.90
	12/14/12	10.90	7.40	110	<0.5	2.1	<0.5	0.96	<5.0	1.48/1.72
	03/24/13	11.10	7.20	--	--	--	--	--	--	--
07/25/13	12.03	6.27	--	--	--	--	--	--	--	
10/20/13	12.80	5.50	--	--	--	--	--	--	--	
VW/MW-4 <i>18.14</i>	03/25/96	8.45	9.69	83,000	6,500	7,000	2,000	11,000	<250	--
	03/25/96	8.45	9.69	84,000	6,400	7,000	2,100	12,000	<250	--
	06/21/96	10.38	7.76	110,000	14,000	15,000	3,700	17,000	1,700	--
	06/21/96	10.38	7.76	100,000	12,000	12,000	2,900	13,000	<1,000	--
	09/26/96	12.43	5.71	52,000	13,000	2,700	2,100	3,200	<500	--
	12/19/96	11.87	6.27	75,000	15,000	6,600	3,000	7,600	<1,250	--
	03/25/97	9.60	8.54	56,000	4,700	1,500	2,500	6,300	580	2.4
	06/26/97	12.36	5.78	--	--	--	--	--	--	--
	09/26/97	12.82	5.32	--	--	--	--	--	--	0.4
	12/05/97	12.15	5.99	--	--	--	--	--	--	0.3
	02/19/98	5.85	12.29	4,100	320	40	44	520	<50	1.8
	02/19/98	5.85	12.29	4,300	340	44	47	540	<50	1.8
	06/08/98	5.87	12.27	--	--	--	--	--	--	1.8
	08/25/98	10.96	7.18	--	--	--	--	--	--	2.5
	12/28/98	11.28	6.86	--	--	--	--	--	--	0.9
	03/26/99	8.45	9.69	--	--	--	--	--	--	1.9
	06/30/99	9.70	8.44	--	--	--	--	--	--	3.6
	09/30/99	11.78	6.36	--	--	--	--	--	--	2.6
	12/27/99	12.63	5.51	33,900	3,740	2,000	1,130	5,090	587	0.4/0.2
	01/21/00	13.07	5.07	13,900	1,560	568	227	1,990	<500(21.0a)	1.0
	03/07/00	7.82	10.32	--	--	--	--	--	--	0.9
	04/17/00	9.18	8.96	--	--	--	--	--	--	1.4/1.9
	04/18/00	--	--	757	103	8.59	30.8	84.2	<25.0	--
	09/21/00	12.18	5.96	--	--	--	--	--	--	5.0
	10/17/00	12.03	6.11	8,360	2,060	391	468	1,170	147	0.7/0.8
	01/09/01	12.42	5.72	--	--	--	--	--	--	0.9
	04/27/01	10.13	8.01	7,100	2,300	50	460	250	<(-10)	1.0/1.4
	07/03/01	11.42	6.72	--	--	--	--	--	--	1.2
	12/06/01	11.02	7.12	7,700	750	90	300	350	<(-25)	2.5/1.9
	01/23/02	8.89	9.25	--	--	--	--	--	--	0.4
	04/17/02	9.89	8.25	4,800	760	27	240	150	<(-25)	4.7/5.1
	07/18/02	11.37	6.77	--	--	--	--	--	--	0.6
11/11/02	12.41	5.73	14,000	2,800	480	700	1,300	<(-100)	0.3/0.3	
01/16/03	9.17	8.97	--	--	--	--	--	--	0.8	
03/13/03	9.85	8.29	--	--	--	--	--	--	1.1	
04/23/03	9.74	8.40	2,400	710	28	160	100	<(-50)	0.2/0.05	
05/13/03	9.70	8.44	3,300	720	35	170	160	<(-50)	0.2/0.2	
06/13/03	10.55	7.59	8,200	1,700	220	460	790	<(-250)	0.3/0.3	
07/14/03	10.90	7.24	3,700	900	190	220	540	<(-10)	0.5/0.4	
09/29/03	11.83	6.31	7,500	1,800	300	390	860	<(-20)	0.5/0.6	
10/29/03	12.03	6.11	10,000	2,600	400	510	1,200	<(-13)	0.5/0.4	
01/05/04	9.60	8.54	1,000	70	12	30	56	<(-1.0)	1.7/1.2	
04/01/04	9.00	9.14	1,000	64	7.0	22	18	<(-1.0)	0.6/0.1	

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
VW/MW-4 cont'd,	07/02/04	11.00	7.14	5,600	1,500	57	380	180	<10	0.4/0.4
	11/03/04	11.85	6.29	9,400	2,400	210	560	890	<10	1.5/2.1
	01/04/05	8.89	9.25	110	12	<0.50	2.3	<1.0	<0.50	2.40/1.05
	04/13/05	7.25	10.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.55/0.52
	07/13/05	10.20	7.94	1,300	520	5.1	100	17	<2.5	0.08/0.08
	10/28/05	11.84	6.30	2,500	830	44	170	140	(5.4)	0.6/0.2
	01/17/06	8.05	10.09	<50	<0.50	<0.50	0.56	<0.50	<0.50	2.7/0.6
	02/23/06	8.77	9.37	--	1.42	0.930	0.580	<0.500	--	--
	03/09/06	6.75	11.39	--	<0.500	<0.500	<0.500	0.680	--	--
	04/21/06	5.69	12.45	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	--
	05/01/06	6.65	11.49	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	0.51/0.37
	06/23/06	9.22	8.92	920	8.69	1.32	5.63	9.68	<0.500	--
	07/11/06	9.22	8.92	<50.0	109	<0.500	3.91	<0.500	<0.500	--
	08/30/06	10.87	7.27	2,360	331	12.8	65.4	29.3	(2.64)	0.24/0.56
	09/29/06	11.40	6.74	5,920	327	23.2 i	146	112 i	(2.63)	--
	10/13/06	11.53	6.61	6,560	299	16.6	134	90.4	(3.58)	--
	11/03/06	11.87	6.27	3,530	212	9.14	87.8	52.8	(5.11)	2.60/4.0
	12/26/06	11.17	6.97	960	43	1.0	17	2.7	<0.50	--
	01/11/07	11.18	6.96	830	86	1.8	41	3.9	(1.40)	--
	01/30/07	11.53	6.61	2,100	450	15	99	46	(3.0)	1.13/0.91
	03/01/07	10.00	8.14	700	4.8	<0.50	1.8	0.77	<0.50	--
	04/26/07	10.26	7.88	930 k	84	5.2	21	9.5	<1.0	--
	06/01/07	10.80	7.34	2,000 k	340	7.6	58	17.6	(1.7 m)	0.46/0.42
	06/21/07	11.32	6.82	1,400 k	360	9.7	46	26.1	(2.2)	--
	07/03/07	11.39	6.75	2,700 k	650	24	91	65	<2.0	--
	08/16/07	11.87	6.27	1,400 k	240	8.8	32	42.3	<5.0	0.3/0.1
	12/06/07	12.40	5.74	3,600	480	16	39	29	(3.5)	--
	02/25/08	9.39	8.75	56	22	<0.5	<0.5	0.50	<5.0	4.61
	05/26/08	11.27	6.87	650	76	7.9	4.9	<0.5	<5.0	0.95/0.96
	08/18/08	12.23	5.91	2,700	540	28	28	71	<25	0.78/0.79
	11/20/08	12.87	5.27	2,000	390	19	13	49	<50	1.17/0.95
	02/18/09	11.29	6.85	850	17	11	3.6	25	<15	0.82/1.02
	05/26/09	10.55	7.59	540	16	11	1.3	1.1	<10	0.81/1.06
	11/23/09	12.55	5.59	1,200	200	12	3.5	12	<5.0	0.84/1.66
	05/26/10	10.15	7.99	410	26	6.3	2.3	3.7	<5.0	0.77/0.84
12/30/10	9.96	8.18	520	14	8.7	2.3	2.4	<5.0	0.8/1.26	
05/23/11	9.91	8.23	150	33	2.2	3.4	2.1	<5.0	0.50	
12/27/11	12.57	5.57	460	24	4.0	0.99	<0.5	<5.0	0.61	
06/30/12	11.01	7.13	3,400	640	42	39	190	<50	1.29	
09/30/12	13.10	5.04	4,100	1,000	39	130	250	<50	1.06/1.24	
12/14/12	10.71	7.43	2,200	33	23	0.62	190	<25	0.75/1.02	
03/24/13	10.84	7.30	1,800	140	11	27	76	<50	0.41/1.35	
07/25/13	11.80	6.34	2,800	480	31	79	180	<90	1.08/1.96	
	10/20/13	12.61	5.53	1,400	250	8.5	25	63	<50	1.18/2.06
VW/AS-1 18.60	03/25/96	8.98	9.62	--	--	--	--	--	--	--
	06/21/96	10.95	7.65	--	--	--	--	--	--	--
	09/26/96	12.98	5.62	--	--	--	--	--	--	--
	12/19/96	12.67	5.93	--	--	--	--	--	--	--
	03/25/97	10.12	8.48	--	--	--	--	--	--	--
	06/26/97	12.34	6.26	--	--	--	--	--	--	--
	09/26/97	13.40	5.20	--	--	--	--	--	--	--
	12/05/97	11.96	6.64	--	--	--	--	--	--	5.2
	02/19/98	6.22	12.38	--	--	--	--	--	--	1.3
	06/08/98	6.20	12.40	--	--	--	--	--	--	1.0
	08/25/98	11.59	7.01	--	--	--	--	--	--	1.6
	12/28/98	11.74	6.86	--	--	--	--	--	--	1.3
	03/26/99	9.20	9.40	--	--	--	--	--	--	1.3
	06/30/99	11.08	7.52	--	--	--	--	--	--	2.1
	09/30/99	11.94	6.66	--	--	--	--	--	--	1.9
	12/27/99	11.01	7.59	8,940	2,000	95.7	1,200	570	606	1.6/1.8
	03/07/00	7.35	11.25	--	--	--	--	--	--	--
	04/17/00	9.08	9.52	--	--	--	--	--	--	1.9/2.0
04/18/00	--	--	20,800	6,550	1,220	2,270	1,720	<250	--	
09/21/00	11.98	6.62	--	--	--	--	--	--	2.1	

see note o

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
<i>(VW/AS-1 cont'd)</i>	10/17/00	12.62	5.98	38,400	7,240	5,980	1,960	5,730	534(72.4)	2.5/1.0
	01/09/01	13.03	5.57	--	--	--	--	--	--	1.9
	04/27/01	10.71	7.89	34,000	8,000	2,100	2,500	2,000	(<25)	2.9/2.1
	07/03/01	12.03	6.57	--	--	--	--	--	--	2.0
	12/06/01	11.63	6.97	6,000	990	35	820	59	(<25)	1.2/0.8
	01/23/02	9.34	9.26	--	--	--	--	--	--	0.9
	04/17/02	10.41	8.19	12,000	2,900	57	1,400	98	(<200)	3.3/2.9
	07/18/02	12.13	6.47	--	--	--	--	--	--	0.3
	11/11/02	13.15	5.45	2,200	340	7.3	250	24	(<20)	1.2/1.3
	01/16/03	9.73	8.87	--	--	--	--	--	--	2.3
	03/13/03	10.45	8.15	11,000	2,500	55	1,800	170	(<100)	2.1/1.9
	04/07/03	10.40	8.20	--	--	--	--	--	--	--
	04/23/03	10.28	8.32	9,500	4,100	200	1,400	200	(<250)	1.2/0.4
	05/13/03	10.26	8.34	9,700	2,300	110	1,100	140	(<250)	0.5/2.0
	06/13/03	11.15	7.45	9,300	2,300	77	820	<100	(<500)	1.0/0.5
	07/15/03	11.62	6.98	5,500	2,000	230	620	360	(20)	1.8/1.9
	09/29/03	12.48	6.12	9,600	2,300	100	1,200	670	(<20)	2.3/3.6
	10/29/03	12.73	5.87	10,000	2,000	39	1,000	370	(16)	3.3/3.6
	01/05/04	10.25	8.35	2,000	710	18	410	18	(13)	3.0/2.8
	04/01/04	9.60	9.00	27,000	9,100	1,200	2,200	1,400	(<50)	1.0/1.4
	07/02/04	11.80	6.80	18,000	6,500	170	1,200	1,200	(<50)	3.2/0.8
	11/03/04	12.56	6.04	4,500	1,700	23	280	55	(9.8)	1.7/1.9
	01/04/05	9.50	9.10	7,500	2,500	74	540	110	(<13)	1.19/0.53
	04/13/05	7.84	10.76	34,000	6,600	290	930	2,100	(<15)	1.60/1.88
	07/13/05	10.90	7.70	--	--	--	--	--	--	--
	07/22/05	10.96	7.64	8,200	5,900	86	340	320	(<25)	1.7/1.0
	10/28/05	12.30	6.30	2,100	1,300	18	63	21	(<5.0)	0.5/1.6
	01/17/06	8.65	9.95	6,200 g	2,900	190	400	600	(4.70)	1.4/1.0
	02/23/06	9.33	9.27	--	3,080	222	414	778	--	--
	03/09/06	7.40	11.20	--	1,350	88.5	128	164	--	--
	04/21/06	6.44	12.16	18,200	4,460	167	419	717	(2.79)	--
	05/01/06	7.22	11.38	19,700	5,300	261	664	1,050	(<0.500)	0.71/1.23
	06/23/06	9.73	8.87	20,600	3,820	305	259	435	(3.31 h)	--
07/11/06	9.73	8.87	9,130	6,200	108	232	254	(<0.500)	--	
08/30/06	11.60	7.00	164,000	3,190	6,240	3,780	17,900	(<10.0)	0.4	
09/29/06	11.97	6.63	130,000	6,160	6,370 i	2,910	11,600 i	(<25.0)	--	
10/13/06	12.18	6.42	144,000	6,320	5,710	2,930	13,100	(1.03)	--	
11/03/06	12.21	6.39	112,000	8,290	5,670	2,760	12,100	(<0.500)	0.80	
12/26/06	11.74	6.86	94,000	6,900	5,100	3,100	13,000	(<50)	--	
01/11/07	11.83	6.77	73,000	6,600	5,500	3,000	12,000	(<50)	--	
01/30/07	12.12	6.48	54,000	6,800	4,500	2,200	8,800	(<50)	1.16/1.16	
03/01/07	10.71	7.89	52,000	6,300	3,700	3,400	12,000	(<50)	--	
04/26/07	10.84	7.76	72,000 k	7,200	4,500	3,000	10,900	(<50)	--	
06/01/07	11.40	7.20	70,000 k	7,600	4,900	3,200	12,100	(<50)	0.60/1.09	
06/21/07	11.92	6.68	59,000 k	7,300	3,700	3,200	12,100	(<50)	--	
07/03/07	11.98	6.62	70,000 k	8,800	4,700	3,500	13,500	(<50)	--	
08/16/07	12.53	6.07	67,000 k	9,000	5,500	3,900	14,200	(<50)	0.2/0.1	
12/06/07	12.97	5.63	180,000	9,500	5,000	4,100	16,000	(<17)	--	
02/25/08	9.84	8.76	47,000	3,500	1,200	1,500	4,400	<350	2.39	
05/26/08	11.88	6.72	82,000	8,100	3,000	3,100	12,000	<500	1.65/1.05	
06/27/08				VW/AS-1 drilled out and replaced with AS-1						
VW/AS-2	03/09/06	6.95	--	--	--	--	--	--	--	--
VW/AS-3 <i>18.17</i>	03/25/96	8.50	9.67	--	--	--	--	--	--	--
	06/21/96	10.42	7.75	--	--	--	--	--	--	--
	09/26/96	12.49	5.68	--	--	--	--	--	--	--
	12/19/96	12.28	5.89	--	--	--	--	--	--	--
	03/25/97	9.61	8.56	--	--	--	--	--	--	--
	06/26/97	11.80	6.37	--	--	--	--	--	--	--
	09/26/97	12.89	5.28	--	--	--	--	--	--	--
	12/05/97	11.38	6.79	--	--	--	--	--	--	1.8

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
(VW/AS-3 cont'd)	02/19/98	6.24	11.93	--	--	--	--	--	--	1.3
	06/08/98	6.25	11.92	--	--	--	--	--	--	1.2
	08/25/98	11.43	6.74	--	--	--	--	--	--	1.3
	12/28/98	11.63	6.54	--	--	--	--	--	--	1.7
	03/26/99	8.92	9.25	--	--	--	--	--	--	1.5
	06/30/99	10.71	7.46	--	--	--	--	--	--	2.5
	09/30/99	11.78	6.39	--	--	--	--	--	--	1.5
	12/27/99	12.57	5.60	488	47.9	2.60	16.9	8.50	35.4	1.5/2.1
	03/07/00	4.82	13.35	--	--	--	--	--	--	--
	04/17/00	8.69	9.48	--	--	--	--	--	--	2.0/2.4
	04/18/00	--	--	3,110	871	<5.00	141	56.8	78.2	--
	09/21/00	11.65	6.52	--	--	--	--	--	--	2.5
	10/17/00	12.13	6.04	7,730	2,700	<50.0	542	344	<250(42.1)	1.6/1.0
	01/09/01	12.51	5.66	--	--	--	--	--	--	2.2
	04/27/01	10.20	7.97	14,000	3,900	62	690	560	(46)	2.8/1.6
	07/03/01	11.55	6.62	--	--	--	--	--	--	2.6
	12/06/01	11.10	7.07	5,000	1,200	19	380	320	(<50)	0.9/1.1
	01/23/02	8.93	9.24	--	--	--	--	--	--	1.1
	04/17/02	10.00	8.17	17,000	5,000	<25	1,100	390	(<250)	3.2/3.2
	07/18/02	11.49	6.68	--	--	--	--	--	--	0.4
	11/11/02	12.43	5.74	1,700	290	1.5	150	2.8	(<10)	1.0/1.1
	01/16/03	9.32	8.85	--	--	--	--	--	--	4.7
	03/13/03	9.88	8.29	--	--	--	--	--	--	2.7
	04/23/03	9.85	8.32	150	47	0.67	8.5	3.2	(<5.0)	2.1/0.7
	05/13/03	9.81	8.36	440	35	<0.50	1.7	<1.0	(<5.0)	1.4/1.8
	06/13/03	10.77	7.40	580	71	<2.5	40	<5.0	(<25)	1.1/0.6
	07/14/03	11.12	7.05	1,100	120	4.9	63	9.3	(16)	2.0/2.2
	09/29/03	12.02	6.15	160	54	2.2	6.9	8.7	(1.1)	4.1/1.6
	10/29/03	12.25	5.92	350	16	<0.50	1.1	<1.0	(6.3)	3.2/1.6
	01/05/04	9.74	8.43	2,700	870	39	130	250	(5.5)	3.6/2.8
	04/01/04	9.06	9.11	1,300	240	4.1	36	45	(12.0)	1.1/1.0
	07/02/04	11.29	6.88	610	59	<1.0	3.6	<2.0	(10.0)	2.0/2.2
	11/03/04	12.02	6.15	200	<0.50	<0.50	<0.50	<1.0	(10.0)	2.1/2.3
	01/04/05	8.99	9.18	2,500	730	42	36	190	(<10)	1.72/1.36
	04/13/05	7.25	10.92	<50	1.6	<0.50	<0.50	<0.50	(0.61)	2.85/3.04
	07/13/05	10.30	7.87	--	--	--	--	--	--	--
	07/22/05	10.51	7.66	160	36	0.65	<0.50	2.5	(2.60)	1.4/1.3
	10/28/05	11.93	6.24	100	<0.50	<0.50	<0.50	<1.0	(1.70)	1.6/0.9
	01/17/06	8.25	9.92	1,400	510	29	16	47	(5.40)	1.9/0.8
	04/21/06	6.06	12.11	--	--	--	--	--	--	--
	05/01/06	6.83	11.34	1,350	74.4	<0.500	12.5	0.520	(3.30)	1.35/0.78
	08/30/06	11.00	7.17	940	77.7	2.67	2.94	5.57	(3.45)	0.80/0.98
	09/29/06	11.30	6.87	--	--	--	--	--	--	--
	11/03/06	12.29	5.88	346 j	83.6 j	5.17 j	2.34 j	13.5 j	(3.47 j)	1.10/0.80
	01/30/07	12.59	5.58	130	13	0.64	<0.50	7.2	(3.4)	0.76/0.64
	06/01/07	10.82	7.35	2,200 k	650	13	3.2 m	143	(7.8)	1.21/0.93
	08/16/07	11.95	6.22	1,000 k	200	4.0	1.1	47.7	(3.3)	0.8/0.2
	12/06/07	12.43	5.74	<50	<0.5	<0.5	<0.5	<0.5	(<0.5)	--
	02/25/08	9.40	8.77	<50	<0.5	<0.5	<0.5	<0.5	<5.0	3.14
	05/26/08	11.20	6.97	1,800	260	6.0	4.3	35	<17	0.86/4.39
	6/26/2008									Well Destroyed

Notes:

- a = Sample was analyzed outside of the EPA recommended holding time.
- b = Hydrocarbon reported does not match the pattern of the laboratory's standard.
- c = Top of casing change due to maintenance.
- d = Sample contains discrete peak in addition to gasoline.
- e = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
- f = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
- g = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
- h = Secondary ion abundances were outside method requirements. Identification based on a--lytical judgement.
- i = Analyte was detected in the associated Method Blank.
- j = pH>2
- k = Analyzed by EPA Method 8015B (M).
- l = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the

Pangea

Table 1. Groundwater Elevation and Analytical Data - Saberi, 1230 14th Street, Oakland, CA

Well ID	Date Measured	DTW (feet)	GWE (feet) (MSL)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Dissolved Oxygen (mg/L)
---------	---------------	------------	---------------------	-------------	----------------	----------------	---------------------	----------------	-------------	-------------------------

sample was based upon the specified standard.

m = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

n = MW-6 sample analysis from 9/30/12 not listed due to anomalous results; re-sampled 10/30/12 to confirm anomalous results and concentrations from 10/30 are representative

o = CTAS/Non-ionic Surfactants by EPA Method 5540D detected at 1,800 µg/L (BOC).

Site surveyed November 1, 2001 by Virgil Chavez Land Surveying of Vallejo, CA.

Site remediation wells surveyed March 21, 2011 by Virgil Chavez Land Surveying of Vallejo, CA.

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015C.

Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method 8260B from April 27, 2001 through August 16, 2007. Concentrations prior to April 27, 2001 and after August 16, 2007 by EPA Method 8021B.

MTBE = Methyl tert-butyl ether by EPA Method 8021B, concentrations in parentheses by EPA Method 8260B

-- = Not applicable

ug/L = micrograms per liter (Parts per billion)

mg/L = milligrams per liter (Parts per million)

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

n/n = Pre-purge/Post-purge Dissolved Oxygen Readings

BOC = Bio-Organic Catalyst