



FIDELITY ROOF COMPANY

June 30, 2011

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10:09 am, Jul 01, 2011

Alameda County
Environmental Health

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Mark Detterman

Subject: First Semi-Annual 2011 Groundwater Monitoring Report
1075 40th Street, Oakland, CA 94608
ACDEH Site No. RO000186

Ladies and Gentlemen:

Attached please find a copy of the *First Semi-Annual 2011 Groundwater Monitoring Report, 1075 40th Street, Oakland, CA 94608*, prepared by Gribi Associates. 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.

Very truly yours,

Monte M. Upshaw
Chairman
Fidelity Roof Company



June 30, 2011

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Mark Detterman

Subject: First Semi-Annual 2011 Groundwater Monitoring Report
1075 40th Street, Oakland, CA 94608
ACDEH Site No. RO000186, Geotracker Global ID No. T0600102117

Ladies and Gentlemen:

Gribi Associates is pleased to submit this First Semi-Annual 2011 Groundwater Monitoring Report on behalf of Fidelity Roof Company for the underground storage tank (UST) site located at 1075 40th Street in Oakland, California (see Figure 1 and Figure 2). This letter report documents the monitoring and sampling of seven site wells on May 19, 2011.

DESCRIPTION OF SAMPLING ACTIVITIES

1. Gribi Associates personnel conducted groundwater monitoring and sampling activities for eight site wells (MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, DP-1, and DP-2) on May 19, 2011.
2. Groundwater monitoring and sampling was conducted in accordance with California LUFT Field Manual, including the following:
 - a. measuring static water levels;
 - b. checking for presence of free-product;
 - c. and purging of approximately three well volumes while recording of temperature, pH, conductivity, and clarity.
3. Collected groundwater samples were placed in an ice-chilled cooler and submitted to a state-certified laboratory for analyses.
4. Copies of groundwater sampling field data sheets are provided as Attachment A.

RESULTS OF GROUNDWATER MONITORING

Hydrologic Conditions

1. Groundwater depths ranged from approximately 6.34 feet (MW-4) to 9.37 feet (MW-5).
2. Groundwater elevations ranged from 41.67 feet above means sea level (msl) (MW-5) to 42.69 feet msl (MW-1).
3. Groundwater flow direction is variable, generally trending to the north.
4. Groundwater elevations and groundwater contours are shown on Figure 3.

Laboratory Analytical Results

1. Groundwater samples from the seven sampled wells were analyzed for the following parameters with standard method turn around time on results:
 - a. USEPA 8015C Total Petroleum Hydrocarbons as Diesel (TPH-D)
 - b. USEPA 8260B Total Petroleum Hydrocarbons as Gasoline (TPH-G)
 - c. USEPA 8260B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
 - d. USEPA 8260B Oxygenates (TBA, MTBE, DIPE, ETBE, and TAME)
2. Groundwater hydrocarbon results for this monitoring event are summarized in Table 1.
3. Groundwater hydrocarbon results for this monitoring event are summarized on Figure 4.
4. The laboratory analytical data report and chain-of custody are provided as Attachment B.
5. A hydrocarbon concentration versus time trend graph for MW-2 is included in Attachment C.

CONCLUSIONS

1. Results of this and previous monitoring events seem to indicate a relatively small groundwater hydrocarbon plume extending 30 to 40 feet northwest from the former UST area. Based upon the relatively close proximity of site wells, the groundwater impacts observed in the vicinity of MW-2 appear to be limited in lateral extent.
2. With the exception of MW-2, groundwater samples from this monitoring event show no significant concentrations of benzene or fuel oxygenates, indicating that the residual hydrocarbons beneath the site do not pose a significant environmental or human health risk.
3. The apparent sharp decreases in MTBE concentrations in well MW-2, together with the relatively high concentrations of TBA in MW-2 (a potential MTBE breakdown product), clearly indicate that natural attenuation of MTBE is occurring at the site.
4. Gribi Associates recently installed monitoring well MW-7 in the backfill of the former excavation area and in the vicinity of the previously abandoned well MW-3. No petroleum product was noted in this well, and the groundwater sample from this well showed no significant concentrations of hydrocarbon constituents.
5. Based on these and previous results, we believe that this site should be closed as a low-risk site.

PLANNED ACTIVITIES

1. Gribi Associates will perform the second semi-annual groundwater monitoring event during the fourth quarter of 2011.

We appreciate this opportunity to provide this report for your review. Please contact us if there are questions or if additional information is required.

Very truly yours,



Matthew A. Rosman
Project Engineer



James E. Gribi
Professional Geologist
California No. 5843

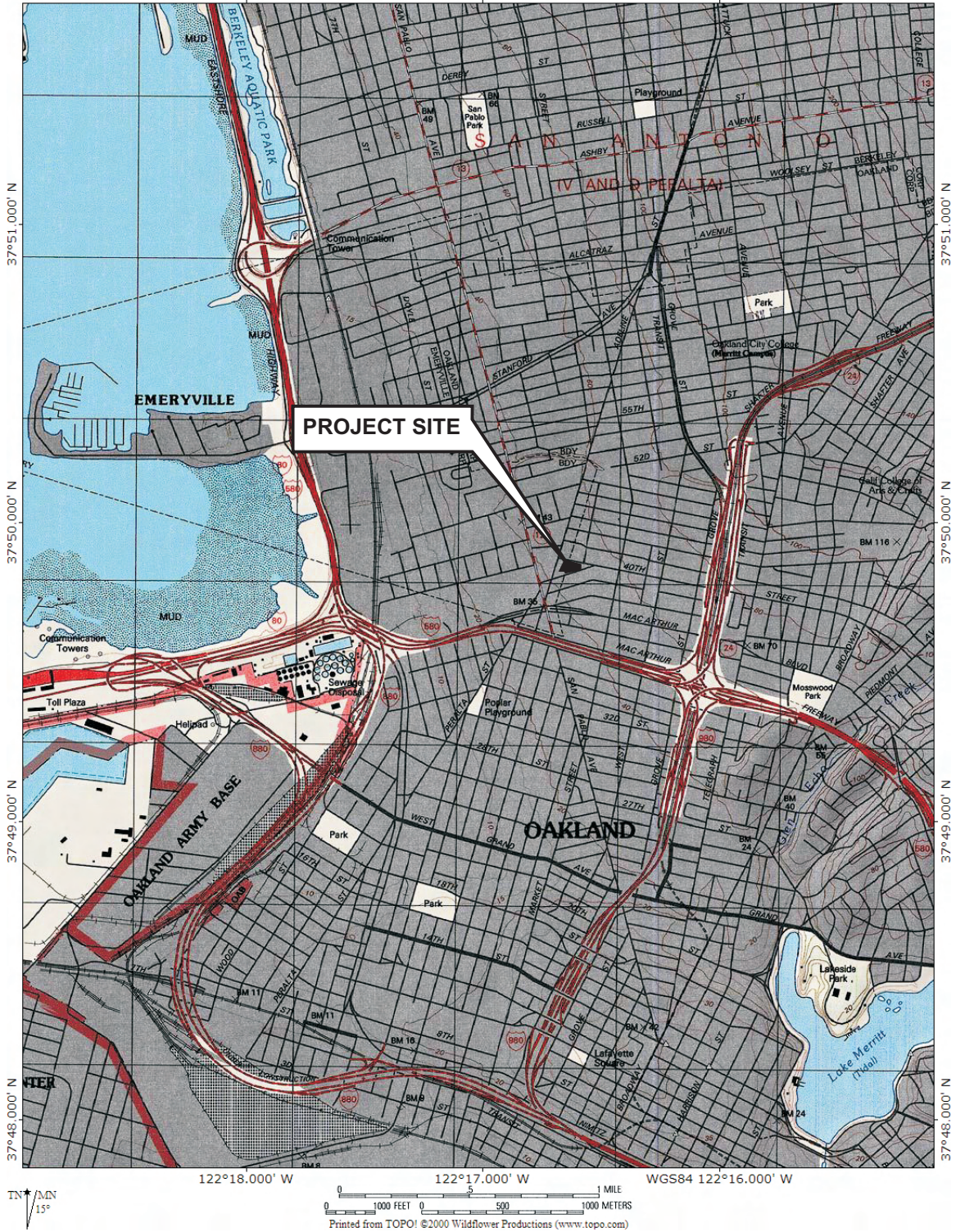


Enclosure

cc: Mr. Monte Upshaw, Fidelity Roof Co.

FIGURES

TOPO! map printed on 04/03/07 from "California.tpo" and "Untitled.tpg"
 122°18.000' W 122°17.000' W WGS84 122°16.000' W



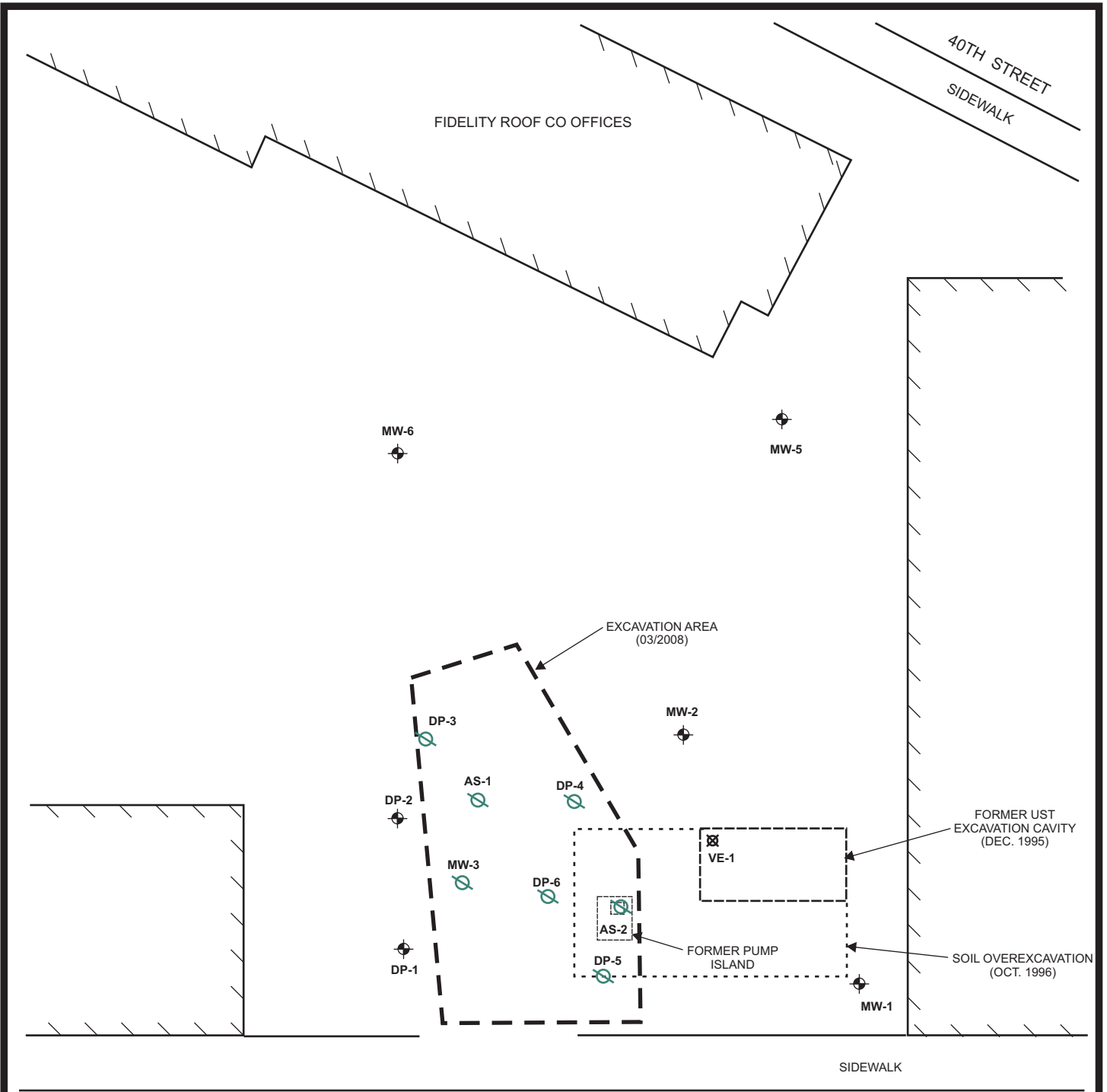
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DRAWN BY: JG	SCALE:
PROJECT NO:	

SITE VICINITY MAP




1075 40TH STREET
OAKLAND, CALIFORNIA

DATE: 06/30/2011 FIGURE: 1






LEGEND

-  - ABANDONED WELL
-  - REMEDIATION WELL
-  - GROUNDWATER MONITORING WELL

YERBA BUENA AVENUE

0 20 40

APPROXIMATE SCALE IN FEET

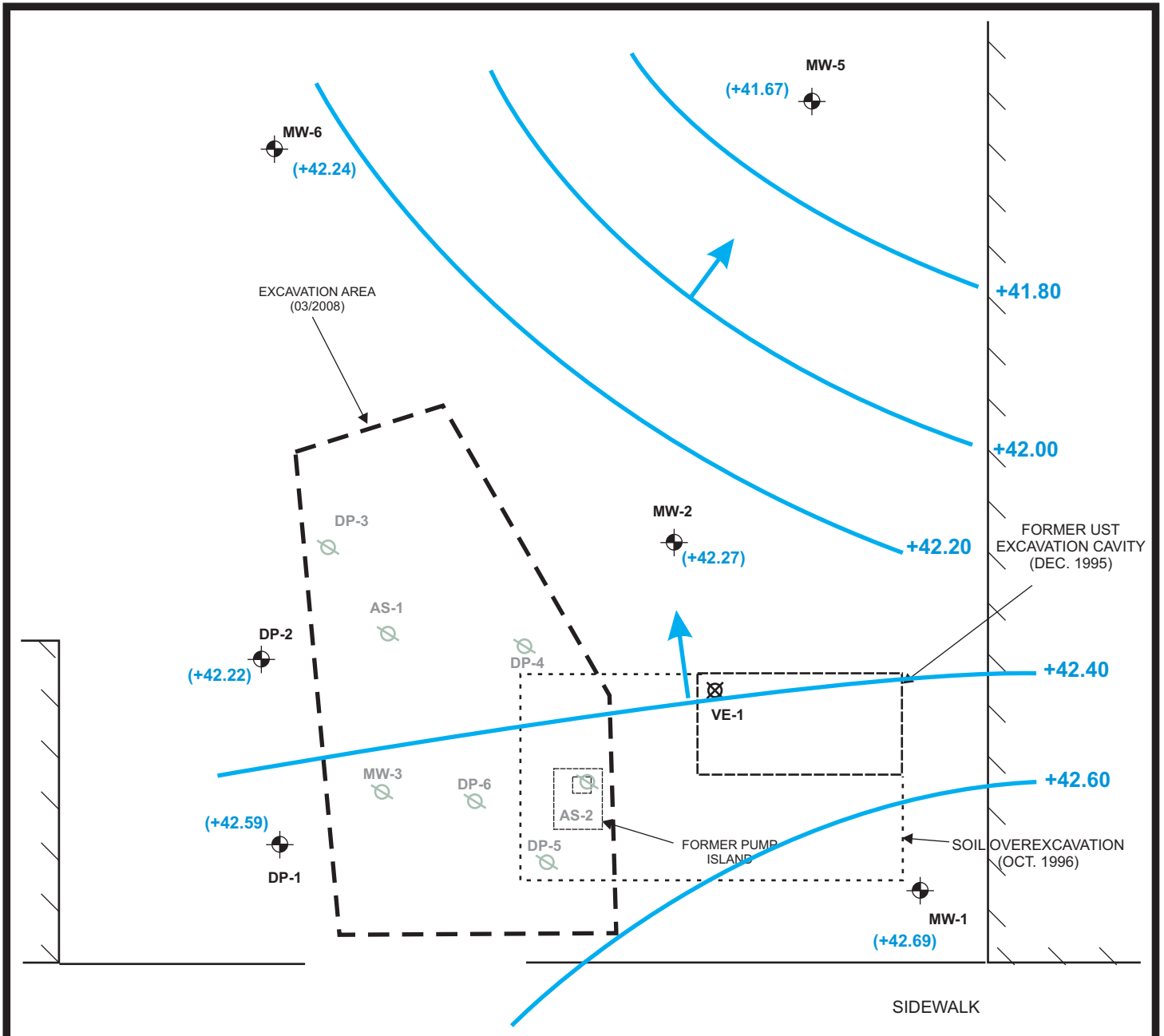


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DRAWN BY: JG	SCALE:
PROJECT NO:	

SITE PLAN

1075 40TH STREET
OAKLAND, CALIFORNIA

DATE: 06/30/2011	FIGURE: 2
	

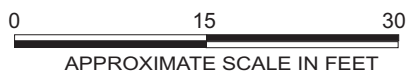


MW-4
(+42.63)

YERBA BUENA AVENUE

LEGEND

- ABANDONED WELL
- REMEDIATION WELL
- GROUNDWATER MONITORING WELL



DESIGNED BY:	CHECKED BY:	GROUNDWATER ELEVATIONS AND CONTOURS - 05/19/2011	DATE: 06/30/2011	FIGURE: 3
DRAWN BY: JG	SCALE:			
PROJECT NO:				

TPH-G:	68
B:	<0.50
T:	<0.50
E:	<0.50
X:	<1.0
MTBE:	260
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	<10
TPH-D:	<500

TPH-G:	<50
B:	<0.5
T:	<0.5
E:	<0.5
X:	<1.0
MTBE:	<1.0
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	<10
TPH-D:	<50

TPH-G:	840
B:	64
T:	0.51
E:	15
X:	<1.0
MTBE:	230
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	5,100
TPH-D:	940

TPH-G:	<50
B:	<0.5
T:	<0.5
E:	<0.5
X:	<1.0
MTBE:	<1.0
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	<10
TPH-D:	<50

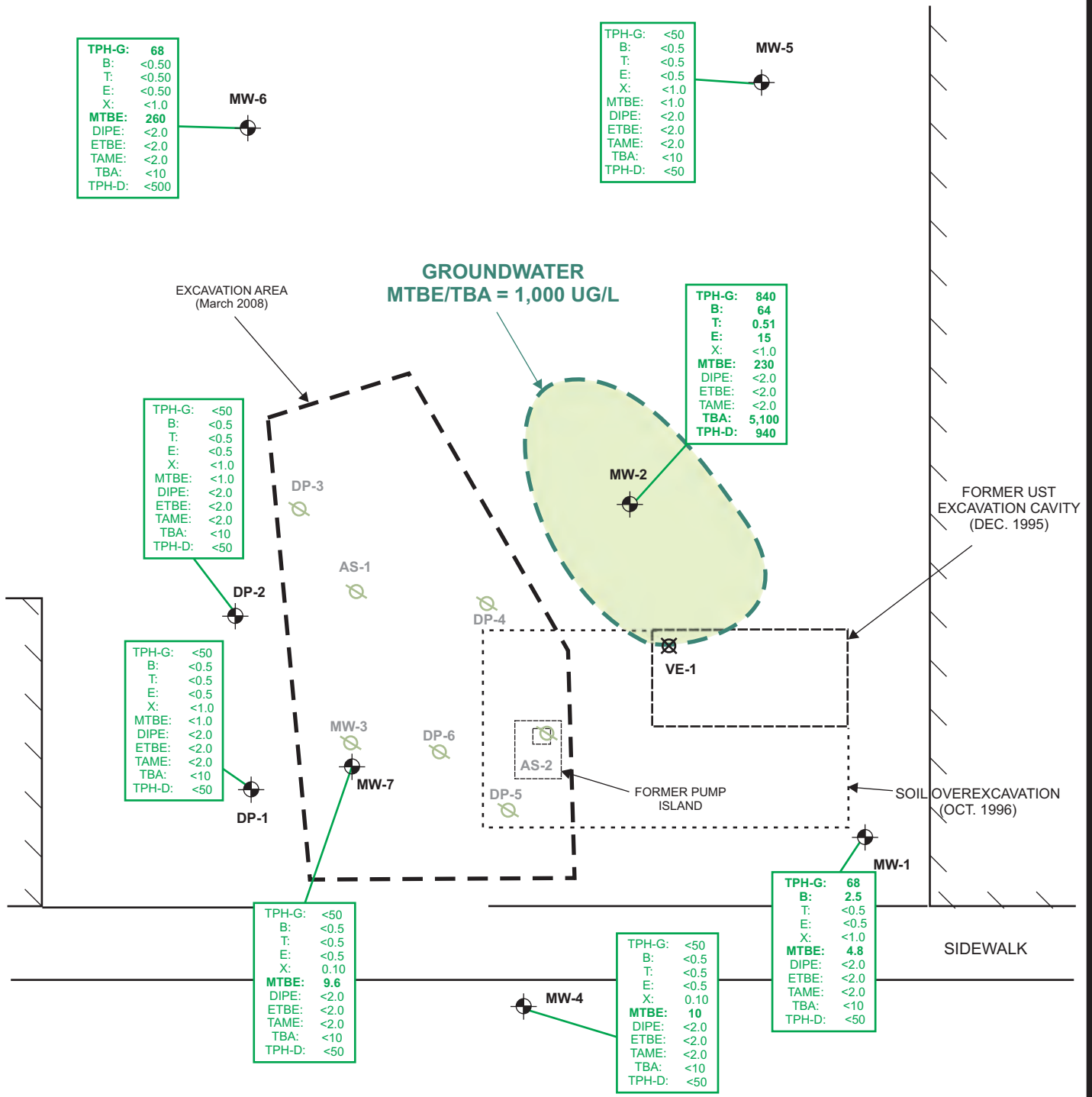
TPH-G:	<50
B:	<0.5
T:	<0.5
E:	<0.5
X:	<1.0
MTBE:	<1.0
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	<10
TPH-D:	<50

TPH-G:	<50
B:	<0.5
T:	<0.5
E:	<0.5
X:	0.10
MTBE:	9.6
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	<10
TPH-D:	<50

TPH-G:	<50
B:	<0.5
T:	<0.5
E:	<0.5
X:	0.10
MTBE:	10
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	<10
TPH-D:	<50

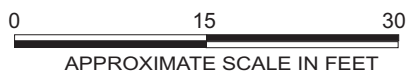
TPH-G:	68
B:	2.5
T:	<0.5
E:	<0.5
X:	<1.0
MTBE:	4.8
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	<10
TPH-D:	<50

**GROUNDWATER
MTBE/TBA = 1,000 UG/L**



LEGEND

- ABANDONED WELL
- REMEDIATION WELL
- GROUNDWATER MONITORING WELL



DESIGNED BY:	CHECKED BY:
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PROJECT NO:	

**GROUNDWATER HYDROCARBON
RESULTS - 05/19/2011**

1075 40TH STREET
OAKLAND, CALIFORNIA

DATE: 06/30/2011	FIGURE: 4
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TABLE

Table 1
Groundwater Laboratory Analytical Results
 Fidelity Roof Co. UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration, micrograms per liter (ug/l)							
				TPH-D	TPH-G	B	T	E	X	MTBE	Oxy
MW-1	3/19/1997	8.25	42.74	<50	<50	<0.5	<0.5	<0.5	<0.5	23	-
<50.99>	6/23/1997	9.1	41.89	420	1,300	150	2.1	12	19	14	-
	10/8/1997	9.95	41.04	66	56	2.8	<0.5	<0.5	<0.5	5.8	-
	1/16/1998	7.57	43.42	910	1,500	95	0.72	69	8.4	<33	-
	8/5/1999	10.16	40.83	63	160	1.6	<0.5	0.56	1.1	<15	-
	11/18/1999	8.52	42.47	<50	79	<0.5	<0.5	<0.5	<0.5	<5.0	-
	2/24/2000	7.65	43.34	160	300	14	0.82	3.5	1.6	<5.0	-
	5/24/2000	8.47	42.52	480	1,300	93	<0.5	17	1.6	<10	-
	8/29/2000	10.28	40.71	<0.5	120	0.93	<0.5	<0.5	<0.5	<5.0	-
	1/12/2001	8.5	42.49	170	360	16	<0.5	9.3	0.69	<5.0	-
	4/18/2001	8.77	42.22	410	1,100	63	<0.5	34	0.73	2,800	-
	7/27/2001	10.5	40.49	66	130	1.6	<0.5	<0.5	<0.5	<5.0	-
	11/6/2001	10.28	40.71	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	2/13/2002	8.47	42.52	270	430	17	0.51	11	0.64	<5.0	-
	5/14/2002	9.5	41.49	170	340	21	<0.5	5.3	0.67	<5.0	-
	8/15/2002	10.39	40.60	53	96	0.66	<0.5	<0.5	<0.5	<5.0	-
	11/14/2002	9.08	41.91	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	2/12/2003	8.36	42.63	120	710	28	4.3	32	130	<5.0	-
	5/16/2003	8.49	42.50	340	1,100	54	4.1	40	100	<15	-
	8/29/2003	9.91	41.08	280	1,200	46	5.1	55	230	<5.0	-
	12/2/2003	8.88	42.11	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	3/8/2004	7.66	43.33	240	120	2.9	<0.5	<0.5	0.71	<5.0	-
	6/8/2004	9.39	41.60	782	<50	<0.5	<0.5	<0.5	<0.5	<5.0	ND
	9/10/2004	9.95	41.04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	ND
	12/13/2004	6.94	44.05	150	240	11	<0.5	5.6	<0.5	<5.0	-
	3/11/2005	7.35	43.64	420	1,100	43	0.60	12	0.80	<40	-
	6/15/2005	7.35	43.64	220	440	26	<0.5	0.60	<0.5	<15	-
	9/8/2005	9.57	41.42	76	120	2.0	<0.5	<0.5	<0.5	<5.0	-
	12/1/2005	7.66	43.33	<50	<50	1.3	<0.5	0.74	<0.5	<5.0	-
	3/7/2006	7.32	43.67	150	590	29	0.89	4.4	1.1	<5.0	-
	6/5/2006	8.46	42.53	120	74	1.2	<0.5	<0.5	<0.5	<5.0	-
	9/18/2006	9.36	41.63	99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	1/3/2007	7.99	43.00	<50	78	1.4	<0.5	0.66	<0.5	<5.0	-
	06/12/2007	9.21	41.78	<500	88	9.2	<0.5	0.64	<1.0	3.8	ND
	09/12/2007	10.02	40.97	<500	410	5.1	<0.5	<0.5	<1.0	2.7	ND
	12/5/2007	8.68	42.31	1,100	2,300	96	<0.5	20	<1.0	6.2	ND
	03/04/2008	7.87	43.12	920	200	2.8	<0.5	<0.5	<1.0	3.2	ND
	05/22/2008	9.62	41.37	590	150	18	<0.5	<0.5	<1.0	<1.0	ND

Table 1
Groundwater Laboratory Analytical Results
 Fidelity Roof Co. UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration, micrograms per liter (ug/l)							
				TPH-D	TPH-G	B	T	E	X	MTBE	Oxy
	09/10/2008	10.57	40.42	<50	110	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	11/25/2008	9.77	41.22	63	<50	2.6	<0.5	<0.5	<1.0	<1.0	ND
	02/26/2009	7.06	43.93	<50	79	6.9	<0.5	0.95	<1.0	3.5	ND
	05/26/2009	9.03	41.96	72	220	10	<0.5	0.85	<1.0	6.4	ND
	11/18/2009	9.55	41.44	180	150	<0.5	<0.5	<0.5	<1.0	4.0	ND
	05/12/2010	8.16	42.83	<50	<50	<0.5	<0.5	<0.5	<1.0	4.5	ND
	10/27/2010	9.18	41.81	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/19/2011	8.30	42.69	<50	68	2.5	<0.5	<0.5	<1.0	4.8	ND
MW-2	3/19/1997	8.4	42.09	<50	<50	<0.5	<0.5	<0.5	<0.5	65	-
<50.49>	6/23/1997	8.85	41.64	<50	<50	3.4	<0.5	<0.5	<0.5	70	-
	10/8/1997	9.8	40.69	<50	<50	<0.5	<0.5	<0.5	<0.5	90	-
	1/16/1998	5.28	45.21	<50	<50	<0.5	<0.5	<0.5	<0.5	65	-
	8/5/1999	9.32	41.17	<50	<50	<0.5	<0.5	<0.5	<0.5	600	-
	11/18/1999	10.2	40.29	<50	<50	<0.5	<0.5	<0.5	<0.5	370	-
	2/24/2000	7.03	43.46	<50	<50	<0.5	<0.5	<0.5	<0.5	880	-
	5/24/2000	8.01	42.48	62	<250	<0.5	<0.5	<0.5	<0.5	2,200	-
	8/29/2000	11.07	39.42	<50	<200	<0.5	<0.5	<0.5	<0.5	1,900	-
	1/12/2001	8.6	41.89	70	470	8.7	3.1	16	73	2,000	-
	4/18/2001	8.8	41.69	<50	<50	<0.5	<0.5	<0.5	<0.5	2,800	-
	7/27/2001	11.1	39.39	<50	<100	<0.5	<0.5	<0.5	<0.5	3,300	-
	11/6/2001	12.21	38.28	<50	<100	<0.5	<0.5	<0.5	<0.5	3,000	-
	2/13/2002	7.98	42.51	<50	54	<0.5	<0.5	<0.5	<0.5	3,200	-
	5/14/2002	10.48	40.01	<50	<150	4.8	<1.0	<1.0	<1.0	3,800	-
	8/15/2002	10.64	39.85	<50	<50	<0.5	<0.5	<0.5	<0.5	2,900	-
	11/14/2002	11.69	38.80	<50	<120	<1.0	<1.0	<1.0	<1.0	3,800	-
	2/12/2003	9.07	41.42	120	1,100	57	7.0	55	210	3,200	-
	5/16/2003	11.25	39.24	85	530	35	3.6	22	79	6,000	-
	8/29/2003	12.19	38.30	1200	2,400	39	5.8	77	320	4,800	-
	12/2/2003	10.96	39.53	<50	<100	<1.0	<1.0	<1.0	<1.0	3,300	-
	3/8/2004	8.41	42.08	<50	<250	<2.5	<2.5	<2.5	<2.5	4,300	ND
	6/8/2004	10.19	40.30	<50	<120	<1.2	<1.2	<1.2	<1.2	2,800	ND
	9/10/2004	10.84	39.65	<250	<250	<2.5	<2.5	<2.5	<2.5	4,100	-
	12/13/2004	8.41	42.08	<50	77	<0.5	0.83	<0.5	1.9	4,200	-
	3/11/2005	7.81	42.68	<50	120	14	<0.5	0.56	<0.5	4,900	-
	6/15/2005	7.81	42.68	<50	1,200	85	<5.0	<5.0	<5.0	12,000	-
	9/8/2005	11.58	38.91	<50	<500	<5.0	<5.0	<5.0	<5.0	8,600	-
	12/1/2005	9.03	41.46	<50	<500	<5.0	<5.0	<5.0	<5.0	12,000	-
	3/7/2006	7.78	42.71	<50	<500	44	<5.0	<5.0	<5.0	10,000	-
	6/5/2006	9.28	41.21	1,000	890	110	<5.0	<5.0	31	19,000	-
	9/18/2006	10.39	40.10	4,100	2,000,	<5.0	<5.0	<5.0	<5.0	8,900	-
	01/3/2007	8.79	41.70	600	1,500	150	<5.0	51	59	7,500	-
	06/12/2007	9.90	40.59	1,700	2,600	230	1.3	110	37.8	8,100	6,900=TBA

Table 1
Groundwater Laboratory Analytical Results
 Fidelity Roof Co. UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration, micrograms per liter (ug/l)							
				TPH-D	TPH-G	B	T	E	X	MTBE	Oxy
	09/12/2007	10.75	39.74	740	2,600	9.1	<0.5	73	42.1	1,900	3,900=TBA
	12/5/2007	-	-	870	2,000	1.1	<0.5	34	15.66	660	2,700=TBA
	03/04/2008	8.01	42.48	700	1,400	150	<0.5	30	11	1,800	3,100=TBA
	05/22/2008	10.30	40.19	1,200	960	120	0.60	26	6.3	1,100	4,700=TBA
	09/10/2008	10.99	39.50	610	1,300	4.5	<0.5	23	7.0	240	3,100=TBA
	11/25/2008	10.49	40.00	750	4,200	<0.50	<0.5	23	5.88	<1.0	ND
	02/26/2009	6.47	44.02	420	1,000	<0.50	4.5	33	24.2	210	4,300=TBA
	05/26/2009	9.35	41.14	310	1,800	350	1.2	41	5.28	3,400	4,400=TBA
	11/18/2009	10.00	40.49	960	1,600	2.3	<0.5	15	<1.0	160	2,700=TBA
	05/12/2010	8.48	42.01	610	1,700	130	<0.5	28	<1.0	1,500	4,700=TBA
	10/27/2010	9.92	40.57	850	1,500	3.1	<0.5	33	<1.0	28	5,500=TBA
	05/19/2011	8.22	42.27	940	840	64	0.51	15	<1.0	230	5,100=TBA
MW-3	3/19/1997	7.59	42.34	5,000	26,000	3,000	530	340	2,300	230	-
<49.93>	6/23/1997	9.98	39.95	7,000	25,000	4,400	120	540	1,500	270	-
	10/8/1997	8.36	41.57	5,100	17,000	4,400	47	280	410	<280	-
	1/16/1998	9.18	40.75	7,300	29,000	5,600	740	950	3,500	<360	-
	8/5/1999	10.56	39.37	5,100	31,000	5,400	150	1100	2,300	<200	-
	11/18/1999	10.92	39.01	49,000	74,000	8,100	5,000	2,100	8,100	<1,000	-
	2/24/2000	8.49	41.44	6,300	110,000	12,000	1,400	2,900	14,000	<200	-
	5/24/2000	8.42	41.51	26,000	87,000	13,000	1,900	2,900	14,000	<200	-
	8/29/2000	12	37.93	9,400	49,000	7,400	800	1,800	7,400	<200	-
	1/12/2001	10.5	39.43	21,000	69,000	8,600	980	2,600	11,000	<300	-
	4/18/2001	9.5	40.43	13,000	75,000	9,200	1,200	2,500	12,000	<500	-
	7/27/2001	11.61	38.32	85,000	75,000	8,700	1,100	2,600	12,000	<650	-
	11/6/2001	11.73	38.20	86,000	89,000	7,900	910	2,800	12,000	<200	-
	2/13/2002	9.36	40.57	13,000	85,000	8,500	830	2,600	11,000	<2,000	-
	5/14/2002	9	40.93	35,000	94,000	9,700	1,100	3,400	15,000	<1,000	-
	8/15/2002	11.72	38.21	9,700	37,000	5,200	430	1,800	5,900	<1,200	-
	11/14/2002	11.28	38.65	23,000	66,000	8,300	860	3,000	11,000	<1,200	-
	2/12/2003	10.17	39.76	8,400	61,000	6,800	500	2,400	9,800	<500	-
	5/16/2003	11.47	38.46	17,000	59,000	6,200	320	2,000	6,500	<500	-
	8/29/2003	11.92	38.01	100,000	78,000	6,800	440	2,900	11,000	<1,200	-
	12/2/2003	11.32	38.61	46,000	68,000	7,600	450	2,900	10,000	<1,000	-
	3/8/2004	10.49	39.44	160,000	79,000	7,700	570	300	13,000	<250	-
	6/8/2004	9.89	40.04	26,000	90,000	6,700	580	2,500	13,000	99	ND
	9/10/2004	11.54	38.39	Free Product		7,600*	540*	3,500*	14,000	<100	ND
	12/13/2004	8.91	41.02	Free Product = 0.05 ft, Not Sampled							
	3/11/2005	6.94	42.99	Free Product = 0.05 ft, Not Sampled							
	6/15/2005	6.99	42.94	Free Product = 0.12 ft, Not Sampled							
	9/8/2005	10.61	39.32	Free Product = 0.64 ft, Not Sampled							
	12/1/2005	-	49.93	Free Product, Not Sampled							
	3/7/2006	5.26	44.67	Free Product = 0.95 ft, Not Sampled							
	6/5/2006	8.09	41.84	690,000	37,000	110	10	960	4,400	<100	-

Table 1
Groundwater Laboratory Analytical Results
 Fidelity Roof Co. UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration, micrograms per liter (ug/l)							
				TPH-D	TPH-G	B	T	E	X	MTBE	Oxy
	6/13/2006	8.99	40.94	28,000	41,000	350	24	1,100	4,600	<170	-
	9/18/2006	10.56	39.37	Free Product = 0.04 ft, Not Sampled							
	1/3/2007	8.84	41.09	Free Product = 0.28 ft, Not Sampled							
	06/12/2007	9.71	40.22	Free Product = 0.55 ft, Not Sampled							
	09/12/2007	10.82	39.11	Free Product = 0.73 ft, Not Sampled							
	12/5/2007			Well Abandoned November 27 2007							
MW-4	8/5/1999	8.79	40.18	<50	<50	<0.5	<0.5	<0.5	<0.5	37	-
<48.97>	11/18/1999	8.11	40.86	<50	<50	<0.5	<0.5	<0.5	<0.5	20	-
	2/24/2000	5.19	43.78	<50	<50	<0.5	<0.5	<0.5	<0.5	20	-
	5/24/2000	7.23	41.74	140	120	1.3	<0.5	<0.5	<0.5	31	-
	8/29/2000	9.04	39.93	<50	<50	<0.5	<0.5	<0.5	<0.5	22	-
	1/12/2001	6.4	42.57	81	<50	<0.5	<0.5	<0.5	<0.5	25	-
	4/18/2001	7.3	41.67	170	30	2.4	1.1	0.66	4.2	35	-
	7/27/2001	9.16	39.81	110	87	1.8	<0.5	2.0	10	26	-
	11/6/2001	9.03	39.94	59	200	4.5	1.0	5.2	24	21	-
	2/13/2002	6.6	42.37	91	<50	<0.5	<0.5	<0.5	<0.5	15	-
	5/14/2002	7.19	41.78	140	260	12	2.7	11	49	26	-
	8/15/2002	8.97	40.00	<50	<50	<0.5	<0.5	<0.5	<0.5	12	-
	11/14/2002	7.52	41.45	<50	<50	<0.5	<0.5	<0.5	<0.5	11	-
	2/12/2003	6.37	42.60	130	170	3.1	0.66	6.4	27	16	-
	5/16/2003	6.81	42.16	60	<50	<0.5	<0.5	<0.5	<0.5	23	-
	8/29/2003	8.56	40.41	120	610	16	2.7	30	130	10	-
	12/2/2003	6.02	42.95	<50	<50	<0.5	<0.5	<0.5	<0.5	7.7	-
	3/8/2004	5.75	43.22	<50	<50	<0.5	<0.5	<0.5	<0.5	10	-
	6/8/2004	8.19	40.78	<50	<50	<0.5	<0.5	<0.5	<0.5	11	-
	9/10/2004	8.84	40.13	<50	<50	<0.5	<0.5	<0.5	<0.5	10	-
	12/13/2004	5.75	43.22	<50	<50	<0.5	<0.5	<0.5	<0.5	16	-
	3/11/2005	5.26	43.71	<50	<50	<0.5	<0.5	<0.5	<0.5	16	-
	6/15/2005	5.26	43.71	<50	<50	<0.5	<0.5	<0.5	<0.5	15	ND
	9/8/2005	8.2	40.77	54	<50	<0.5	<0.5	<0.5	<0.5	8.2	ND
	12/1/2005	6.93	42.04	<50	<50	<0.5	<0.5	<0.5	<0.5	13	-
	3/7/2006	4.17	44.80	<50	<50	<0.5	<0.5	<0.5	<0.5	11	-
	6/5/2006	6.88	42.09	<50	<50	<0.5	<0.5	<0.5	<0.5	11	-
	9/18/2006	8.33	40.64	110	<50	<0.5	<0.5	<0.5	<0.5	10	-
	1/3/2007	6.57	42.40	<50	<50	<0.5	<0.5	<0.5	<0.5	7.9	-
	06/12/2007	8.01	40.96	<500	<50	<0.5	<0.5	<0.5	<0.5	8.3	ND
	09/12/2007	8.94	40.03	<500	<50	<0.5	<0.5	<0.5	<0.5	5.7	ND
	12/5/2007	7.61	41.36	<50	<50	<0.5	<0.5	<0.5	<0.5	7.4	ND
	03/04/2008	6.23	42.74	<50	<50	<0.5	<0.5	<0.5	<0.5	6.8	ND
	05/22/2008	8.35	40.62	<50	<50	<0.5	<0.5	<0.5	<1.0	4.5	ND
	09/10/2008	9.38	39.59	<50	89	<0.5	<0.5	<0.5	<1.0	9.3	ND
	11/25/2008	8.61	40.36	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	02/26/2009	4.65	44.32	<50	<50	<0.5	<0.5	<0.5	<1.0	4.6	ND

Table 1
Groundwater Laboratory Analytical Results
 Fidelity Roof Co. UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration, micrograms per liter (ug/l)							
				TPH-D	TPH-G	B	T	E	X	MTBE	Oxy
	05/29/2009	7.66	41.31	<50	<50	<0.5	<0.5	<0.5	<1.0	13	ND
	11/18/2009	8.20	40.77	310	<50	<0.5	<0.5	<0.5	<1.0	13	ND
	05/12/2010	6.66	42.31	<50	<50	<0.5	<0.5	<0.5	<1.0	11	ND
	10/27/2010	7.78	41.19	<50	<50	<0.5	<0.5	<0.5	<1.0	3.0	ND
	05/19/2011	6.34	42.63	<50	<50	<0.5	<0.5	<0.5	<1.0	10	ND
MW-5	01/03/2007	16.47	34.57	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	–
<51.04>	06/12/2007	10.12	40.92	<500	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	09/12/2007	11.75	39.29	<500	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	12/5/2007	11.35	39.69	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	03/04/2008	9.64	41.40	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/22/2008	10.37	40.67	<50	<50	<0.5	<0.5	<0.5	<1.0	67	ND
	09/10/2008	11.03	40.01	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	11/25/2008	10.65	40.39	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	02/26/2009	9.19	41.85	<50	<50	1.0	4.6	5.4	24.6	<1.0	ND
	05/26/2009	10.24	40.80	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	11/18/2009	10.45	40.59	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/12/2010	9.10	41.94	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	10/27/2010	10.93	40.11	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/19/2011	9.37	41.67	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
MW-6	01/03/07	8.93	41.41	63	<50	<0.5	<0.5	<0.5	<1.0	<5.0	–
<50.34>	06/12/2007	10.05	40.29	<500	<50	<0.5	<0.5	<0.5	<1.0	72	ND
	09/12/2007	10.83	39.51	<500	<50	<0.5	<0.5	<0.5	<1.0	180	18=TBA
	12/5/2007	9.98	40.36	<50	<50	<0.5	<0.5	<0.5	<1.0	39	ND
	03/04/2008	8.12	42.22	<50	<50	<0.5	<0.5	<0.5	<1.0	38	ND
	05/22/2008	12.26	38.08	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	09/10/2008	10.14	40.20	<50	<50	<0.5	<0.5	<0.5	<1.0	310	180=TBA
	11/25/2008	11.50	38.84	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	02/26/2009	6.39	43.95	<50	<50	<0.5	2.2	2.6	11.9	86	ND
	05/26/2009	9.41	40.93	<50	<50	<0.5	<0.5	<0.5	<1.0	88	ND
	11/18/2009	10.11	40.23	<50	<50	<0.5	<0.5	<0.5	<1.0	62	ND
	05/12/2010	8.52	41.82	<50	99	<0.5	<0.5	<0.5	<1.0	220	ND
	10/27/2010	10.08	40.26	<50	<50	<0.5	<0.5	<0.5	<1.0	62	ND
	05/19/2011	8.10	42.24	<50	68	<0.5	<0.5	<0.5	<1.0	260	ND
MW-7	05/19/2011	7.94	—	<50	<50	<0.5	<0.5	<0.5	<1.0	9.6	–
VE-1	12/01/2005	5.19	45.56	540	140	26	13	4.5	15	250	–
<50.75>	03/07/2006	2.81	47.94	–	55	5.2	1.4	2.3	4.5	230	–
	06/05/2006	5.37	45.38	490	180	30	4.6	5.8	8.2	410	–
	01/03/2007	4.92	45.83	250	82	8.4	1.5	1.7	2.6	320	–
AS-1	12/01/2005	8.11	42.24	–	<50	<0.5	0.81	<0.5	1.5	<5.0	–
<50.35>	01/03/2007	9.2	41.15	130	<50	<0.5	<0.5	<0.5	<0.5	98	–
Well Abandoned November 27 2007											
AS-2	12/01/2005	9.64	40.87	–	<50	<0.5	<0.5	<0.5	<0.5	<5.0	–

Table 1
Groundwater Laboratory Analytical Results
 Fidelity Roof Co. UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration, micrograms per liter (ug/l)							
				TPH-D	TPH-G	B	T	E	X	MTBE	Oxy
<50.51>	01/03/2007	10.8	39.71	910	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
Well Abandoned November 27 2007											
DP-1	12/01/2005	7.22	42.74	-	220	<0.5	2.8	<0.5	0.94	<5.0	-
<49.96>	03/07/2006	4.4	45.56	-	<50	<0.5	0.71	<0.5	1.1	<5.0	-
	06/13/2006	7.99	41.97	67	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	01/03/2007	7.12	42.84	93	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	06/13/2007	8.92	41.04	<500	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	09/12/2007	9.95	40.01	<50	100	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	12/5/2007	9.98	39.98	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	03/04/2008	6.49	43.47	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/22/2008	9.73	40.23	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	09/10/2008	10.51	39.45	<50	75	<0.5	<0.5	<0.5	<1.0	2.1	ND
	11/25/2008	9.83	40.13	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	02/26/2009	5.66	44.30	<50	<50	<0.5	0.99	1.3	4.7	<1.0	ND
	05/29/2009	8.49	41.47	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	11/18/2009	9.27	40.69	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/12/2010	7.43	42.53	<50	<50	<0.5	0.77	<0.5	<1.0	<1.0	ND
	10/27/2010	9.37	40.59	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/19/2011	7.37	42.59	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
DP-2	12/01/2005	6.83	43.34	-	<50	<0.5	<0.5	<0.5	<0.5	59	-
<50.17>	03/07/2006	6.09	44.08	-	230	1.2	2.6	<0.5	1.2	<10	-
	06/13/2006	7.98	42.19	110	280	<0.5	1.2	<0.5	0.67	<5.0	-
	01/03/2007	7.45	42.72	77	170	<0.5	<0.5	<0.5	<0.5	<5.0	-
	06/13/2007	8.39	41.78	<500	75	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	09/12/2007	9.84	40.33	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	12/5/2007	9.57	40.60	<50	76	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	03/04/2008	7.03	43.14	<50	60	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/22/2008	10.27	39.90	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	09/10/2008	10.52	39.65	<50	96	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	11/25/2008	9.58	40.59	59	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	02/26/2009	6.18	43.99	<50	<50	<0.5	1.0	1.3	5.0	<1.0	ND
	05/26/2009	8.46	41.71	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	11/18/2009	9.46	40.71	<50	85	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/12/2010	7.71	42.46	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	10/27/2010	9.94	40.23	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	05/19/2011	7.95	42.22	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
DP-3	12/01/2005	7.14	43.31	-	120	2.1	0.96	<0.5	0.78	140	-
<50.45>	03/07/2006	6.62	43.83	-	<50	<0.5	<0.5	<0.5	<0.5	260	-
	06/13/2006	9.34	41.11	88	220	0.57	0.83	<0.5	<0.5	67	-
	06/13/2006	10.53	39.92	110	78	<0.5	1.1	<0.5	0.98	45	-
	01/03/2007	8.92	41.53	150	<50	0.60	<0.5	<0.5	<0.5	<5.0	-
	06/13/2007	10.10	40.35	<500	<50	<0.5	<0.5	<0.5	<1.0	22	ND
	09/12/2007	10.87	39.58	<50	<50	<0.5	<0.5	<0.5	<1.0	36	ND

Table 1
Groundwater Laboratory Analytical Results
 Fidelity Roof Co. UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration, micrograms per liter (ug/l)							
				TPH-D	TPH-G	B	T	E	X	MTBE	Oxy
Well Abandoned November 27 2007											
DP-4	12/01/2005	8.43	42.42	ns	ns	ns	ns	ns	ns	ns	-
<50.85>	03/07/2006	7.19	43.66	--	2,400	570	3.2	38	0.94	310	-
	06/13/2006	8.71	42.14	250	1,100	210	2.0	9.2	1.2	330	-
	06/13/2006	9.56	41.29	210	810	190	1.4	11	0.98	190	-
	01/03/2007	8.33	42.52	260	1,500	210	4.1	11	0.54	200	-
	06/13/2007	9.39	41.46	<500	370	10	<0.5	2.2	<1.0	85	13=TBA
	09/12/2007	10.21	40.64	<500	660	33	<0.5	0.58	<1.0	62	14=TBA
Well Abandoned November 27 2007											
DP-5	12/01/2005	4.69	45.92	na	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
<50.61>	03/07/2006	2.33	48.28	na	<50	<0.5	<0.5	<0.5	<0.5	<5.0	-
	06/13/2006	5.03	45.58	140	<50	<0.5	<0.5	<0.5	<0.5	5.4	-
	01/03/2007	4.98	45.63	240	<50	<0.5	<0.5	<0.5	<0.5	5.5	-
	06/13/2007	4.33	46.28	<500	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
	09/12/2007	4.96	45.65	<500	<50	<0.5	<0.5	<0.5	<1.0	<1.0	ND
Well Abandoned November 27 2007											
DP-6	12/01/2005	5.91	44.77	-	7,000	1000	7.8	860	230	<120	-
<50.68>	03/07/2006	7.11	43.57	-	6,500	850	5.9	650	350	<160	-
	06/13/2006	8.73	41.95	1,500	3,100	250	1.2	270	120	28	-
	09/18/2006	9.69	40.99	570	840	70	1.3	77	4.5	<10	-
	01/03/2007	7.98	42.70	1,700	2,400	270	3.9	160	30	21	-
	06/13/2007	8.43	42.25	1,100	1,900	310	0.51	200	26.9	15	ND
	09/12/2007	10.14	40.54	1,300	2,800	500	1.3	380	60	20	ND
Well Abandoned November 27 2007											

Notes:

ug/l= micrograms per liter
 GW Elev = Groundwater mean sea level elevation.
 TPH-D = Total Petroleum Hydrocarbons as diesel
 TPH-G = Total Petroleum Hydrocarbons as gasoline
 B = Benzene
 T = Toluene
 E = Ethylbenzene

X = Xylenes
 MTBE = Methyl Tertiary Butyl Ether
 Oxy = Oxygenates (except MTBE), including Ter-Butanol (TBA), Di-isopropyl Ether (DIPE), Ethyl-t-butyl Ether (ETBE), and Tert-amyl Methyl Ether (TAME)
 ND = Not detected above the expressed value
 <50.99> = Top of casing mean sea level elevation (Morrow Surveying, 01/22/2007).

ATTACHMENT A
GROUNDWATER MONITORING FIELD DATA RECORDS

Groundwater Gauging Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Field Personnel M. Reason Date 05/19/2011
 Weather Conditions clear, mild

Well ID	Depth to Free Product (feet)	Depth to Groundwater (feet)	Casing Elevation (msl)	Groundwater Elevation (msl)	Total Well Depth (feet)	Well Box Conditions
MW-1	8.30	50.99	42.69	18.0		
MW-2	8.22	50.49	42.27	19.4		
MW-4	6.34	48.97	42.63	20.0		
MW-5	9.37	51.04	41.67	20.0		
MW-6	8.10	50.34	42.24	20.3		
DP-1	7.37	49.96	42.59	15.5		
DP-2	7.95	50.17	42.22	15.0		
MW-7	7.94			20.0		

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 5/19/2011
 Weather Conditions clear, mild

Well ID MW-1
 Casing Diameter (inches) 2.0 Total Depth (feet) 18.0
 Depth to Water 8.30 Depth to Free Product _____
 Water Column (ft) 9.70 Product Thickness 0
 One Well Volume (gal) 1.65 3x Well Volume (gal) 4.9

Notes:
 One Well Volume is determine by multiplying "Water Column" by:
 • 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	Baller	Pump	Comments
Purge Method		X	12V purge pump
Sample Method		X	12V purge pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1141							
1143	2	18.4	1.05		6.79		
1144	3	18.4	1.07		6.77		
1146	4	18.5	1.10		6.71		
1147	5	18.6	1.11		6.72		

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X	→ ?			Hydrocarbon ?
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1150 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAX Date 5/19/2011
 Weather Conditions Clear, mild

Well ID MW-2
 Casing Diameter (inches) 2.0 Total Depth (feet) 19.4
 Depth to Water 8.22 Depth to Free Product —
 Water Column (ft) 11.18 Product Thickness ∅
 One Well Volume (gal) 1.90 3x Well Volume (gal) 5.7

Notes:
 One Well Volume is determine by multiplying "Water Column" by:
 • 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	Bailer	Pump	Comments
Purge Method		X	12V purge pump
Sample Method		X	12V purge pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1324							
1326	2	20.0	1.97	/	6.55	/	
1329	4	19.9	1.93	/	6.62	/	
1331	6	19.9	1.96	/	6.62	/	

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor		X →			
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1335 Sampler's Signature MAX

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAX Date 5/19/2011
 Weather Conditions Clear, mild

Well ID MW-4
 Casing Diameter (inches) 2.0 Total Depth (feet) 20.0
 Depth to Water 6.34 Depth to Free Product —
 Water Column (ft) 13.66 Product Thickness ∅
 One Well Volume (gal) 2.32 3x Well Volume (gal) 7.0

Notes:
 One Well Volume is determine by multiplying "Water Column" by:
 • 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	Bailer	Pump	Comments
Purge Method		X	12V purge pump
Sample Method		X	12V purge pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1203							
1206	2	20.3	0.98	/	6.75	/	
1208	4	20.3	0.95	/	6.71	/	
1211	6	20.0	1.03	/	6.74	/	
1212	7	20.0	1.08	/	6.74	/	

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1215 Sampler's Signature MAX

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 5/19/2011
 Weather Conditions Clear, mild

Well ID MW-5
 Casing Diameter (inches) 2.0 Total Depth (feet) 20.0
 Depth to Water 9.37 Depth to Free Product —
 Water Column (ft) 10.63 Product Thickness ∅
 One Well Volume (gal) 1.81 3x Well Volume (gal) 5.4

Notes:
 One Well Volume is determined by multiplying "Water Column" by:
 • 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	Bailer	Pump	Comments
Purge Method		X	12V purge pump
Sample Method		X	12V purge pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1105				/		/	
1108	2	19.9	1.33	/	6.97	/	
1110	4	19.8	1.28	/	7.01	/	
1112	6	19.9	1.28	/	7.05	/	

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1115 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 5/19/2011
 Weather Conditions Clear, mild

Well ID MW-6
 Casing Diameter (inches) 2.0 Total Depth (feet) 20.3
 Depth to Water 8.10 Depth to Free Product —
 Water Column (ft) 12.2 Product Thickness ∅
 One Well Volume (gal) 2.07 3x Well Volume (gal) 6.2

Notes:
 One Well Volume is determined by multiplying "Water Column" by:
 • 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	Bailer	Pump	Comments
Purge Method		X	12V purge pump
Sample Method		X	12V purge pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1229				/		/	
1232	2	20.6	1.15	/	6.65	/	
1234	4	20.6	1.16	/	6.65	/	
1237	6	20.5	1.15	/	6.65	/	

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X	→ ?			
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1240 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 5/19/2011
 Weather Conditions Clear, mild

Well ID MW-7
 Casing Diameter (inches) 2.0 Total Depth (feet) 20.0
 Depth to Water 7.94 Depth to Free Product —
 Water Column (ft) 12.06 Product Thickness ∅
 One Well Volume (gal) 2.05 3x Well Volume (gal) 6.2

Notes:
 One Well Volume is determined by multiplying "Water Column" by:
 • 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	Bailer	Pump	Comments
Purge Method		X	12V Purge Pump
Sample Method		X	12V Purge Pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1256							forbid
1259	2	20.0	1.67		6.99		Clearing
1301	4	19.9	1.67		7.00		
1303	6	20.0	1.67		7.01		

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1305 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 5/19/2011
 Weather Conditions Clear, mild

Well ID DP-1
 Casing Diameter (inches) 0.75 Total Depth (feet) 15.5
 Depth to Water 7.37 Depth to Free Product —
 Water Column (ft) 8.13 Product Thickness ∅
 One Well Volume (gal) 0.48 3x Well Volume (gal) 1.4

Notes:
 One Well Volume is determined by multiplying "Water Column" by:
 • 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	Bailer	Pump	Comments
Purge Method		X	12V Peristaltic pump
Sample Method		X	12V peristaltic pump

FIELD PARAMETERS

Purge 1 Well Volume - 0.5 gal.

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1400 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MATZ Date 5/19/2011
 Weather Conditions Clear, mild

Well ID DP-2
 Casing Diameter (inches) 0.75 Total Depth (feet) 15.0
 Depth to Water 7.95 Depth to Free Product —
 Water Column (ft) 7.05 Product Thickness Ø
 One Well Volume (gal) 0.41 3x Well Volume (gal) 1.2

Notes:
 One Well Volume is determined by multiplying "Water Column" by:
 • 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	Bailer	Pump	Comments
Purge Method		X	120 peristaltic pump
Sample Method		X	120 peristaltic pump

FIELD PARAMETERS

Purge 1 well volume — 0.5 gal.

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1415 Sampler's Signature MATZ

ATTACHMENT B

**LABORATORY DATA REPORTS AND
CHAIN-OF-CUSTODY RECORDS**



25712 Commercentre Drive
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26 May 2011

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510
RE: Fidelity Roof

Enclosed are the results of analyses for samples received by the laboratory on 05/21/11 08:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez For John Shepler
Laboratory Director



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates
1090 Adam Street, Suite K
Benicia CA, 94510

Project: Fidelity Roof
Project Number: 224-01-03
Project Manager: Jim Gribi

Reported:
05/26/11 17:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T110669-01	Water	05/19/11 11:50	05/21/11 08:10
MW-2	T110669-02	Water	05/19/11 13:55	05/21/11 08:10
MW-4	T110669-03	Water	05/19/11 12:15	05/21/11 08:10
MW-5	T110669-04	Water	05/19/11 11:15	05/21/11 08:10
MW-6	T110669-05	Water	05/19/11 12:40	05/21/11 08:10
DP-1	T110669-06	Water	05/19/11 14:00	05/21/11 08:10
DP-2	T110669-07	Water	05/19/11 14:15	05/21/11 08:10
MW-7	T110669-08	Water	05/19/11 13:05	05/21/11 08:10

SunStar Laboratories, Inc.

Daniel Chavez For John Shepler, Laboratory Director

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 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

Gribi Associates Project: Fidelity Roof
 1090 Adam Street, Suite K Project Number: 224-01-03
 Benicia CA, 94510 Project Manager: Jim Gribi Reported:
 05/26/11 17:12

MW-1
T110669-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

Diesel Range Hydrocarbons	ND	50	ug/l	1	1052302	05/23/11	05/24/11	EPA 8015C	
Surrogate: p-Terphenyl		71.5 %		65-135					

Volatile Organic Compounds by EPA Method 8260B

Benzene	2.5	0.50	ug/l	1	1052401	05/24/11	05/24/11	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	"
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	"
Methyl tert-butyl ether	4.8	1.0	"	"	"	"	"	"	"
C6-C12 (GRO)	68	50	"	"	"	"	"	"	"

Surrogate: Toluene-d8	126 %	84.7-109	"	"	"	"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	105 %	83.5-119	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	114 %	81.1-136	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez For John Shepler, Laboratory Director



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Gribi Associates Project: Fidelity Roof
 1090 Adam Street, Suite K Project Number: 224-01-03
 Benicia CA, 94510 Project Manager: Jim Gribi Reported:
 05/26/11 17:12

MW-2
T110669-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

Diesel Range Hydrocarbons	940	50	ug/l	1	1052302	05/23/11	05/24/11	EPA 8015C	D-08
Surrogate: p-Terphenyl		88.5 %		65-135					

Volatile Organic Compounds by EPA Method 8260B

Benzene	64	0.50	ug/l	1	1052401	05/24/11	05/24/11	EPA 8260B	
Toluene	0.51	0.50	"	"	"	"	"	"	"
Ethylbenzene	15	0.50	"	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	"
Tert-butyl alcohol	5100	1000	"	100	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	1	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	"
Methyl tert-butyl ether	230	100	"	100	"	"	"	"	"
C6-C12 (GRO)	840	50	"	1	"	"	"	"	"

Surrogate: Toluene-d8	126 %	84.7-109	"	"	"	"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	101 %	83.5-119	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	150 %	81.1-136	"	"	"	"	"	"	S-GC

SunStar Laboratories, Inc.

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Daniel Chavez For John Shepler, Laboratory Director



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Gribi Associates Project: Fidelity Roof
 1090 Adam Street, Suite K Project Number: 224-01-03
 Benicia CA, 94510 Project Manager: Jim Gribi Reported:
 05/26/11 17:12

**MW-4
 T110669-03 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

Diesel Range Hydrocarbons	ND	50	ug/l	1	1052302	05/23/11	05/24/11	EPA 8015C
Surrogate: p-Terphenyl	73.6 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1052401	05/24/11	05/24/11	EPA 8260B
Toluene	ND	0.50	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"
Tert-butyl alcohol	ND	10	"	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"
Methyl tert-butyl ether	10	1.0	"	"	"	"	"	"
C6-C12 (GRO)	ND	50	"	"	"	"	"	"

Surrogate: Toluene-d8	123 %	84.7-109	"	"	"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	102 %	83.5-119	"	"	"	"	"	
Surrogate: Dibromofluoromethane	118 %	81.1-136	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez For John Shepler, Laboratory Director



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Gribi Associates Project: Fidelity Roof
 1090 Adam Street, Suite K Project Number: 224-01-03
 Benicia CA, 94510 Project Manager: Jim Gribi Reported:
 05/26/11 17:12

**MW-5
 T110669-04 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

Diesel Range Hydrocarbons	ND	50	ug/l	1	1052302	05/23/11	05/24/11	EPA 8015C
Surrogate: p-Terphenyl	69.9 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1052401	05/24/11	05/24/11	EPA 8260B
Toluene	ND	0.50	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"
Tert-butyl alcohol	ND	10	"	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"
C6-C12 (GRO)	ND	50	"	"	"	"	"	"

Surrogate: Toluene-d8	121 %	84.7-109	"	"	"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	102 %	83.5-119	"	"	"	"	"	
Surrogate: Dibromofluoromethane	120 %	81.1-136	"	"	"	"	"	

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Daniel Chavez For John Shepler, Laboratory Director



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Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: 224-01-03
Benicia CA, 94510 Project Manager: Jim Gribi Reported:
05/26/11 17:12

MW-6
T110669-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

Diesel Range Hydrocarbons	ND	50	ug/l	1	1052302	05/23/11	05/25/11	EPA 8015C
Surrogate: p-Terphenyl	68.7 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1052401	05/24/11	05/24/11	EPA 8260B
Toluene	ND	0.50	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"
Tert-butyl alcohol	ND	10	"	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"
Methyl tert-butyl ether	260	25	"	25	"	"	"	"
C6-C12 (GRO)	68	50	"	1	"	"	"	"
Surrogate: Toluene-d8	124 %	84.7-109	"	"	"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	101 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	122 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez For John Shepler, Laboratory Director



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Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: 224-01-03
Benicia CA, 94510 Project Manager: Jim Gribi Reported:
05/26/11 17:12

DP-1
T110669-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

Diesel Range Hydrocarbons	ND	50	ug/l	1	1052302	05/23/11	05/24/11	EPA 8015C
Surrogate: p-Terphenyl	70.8 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1052401	05/24/11	05/24/11	EPA 8260B
Toluene	ND	0.50	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"
Tert-butyl alcohol	ND	10	"	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"
C6-C12 (GRO)	ND	50	"	"	"	"	"	"
Surrogate: Toluene-d8	124 %	84.7-109	"	"	"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	100 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	122 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Daniel Chavez For John Shepler, Laboratory Director



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: 224-01-03
Benicia CA, 94510 Project Manager: Jim Gribi Reported:
05/26/11 17:12

DP-2
T110669-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

Diesel Range Hydrocarbons	ND	50	ug/l	1	1052302	05/23/11	05/24/11	EPA 8015C
Surrogate: p-Terphenyl	86.0 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1052401	05/24/11	05/24/11	EPA 8260B
Toluene	ND	0.50	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"
Tert-butyl alcohol	ND	10	"	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"
C6-C12 (GRO)	ND	50	"	"	"	"	"	"

Surrogate: Toluene-d8	124 %	84.7-109	"	"	"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	100 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	126 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez For John Shepler, Laboratory Director



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: 224-01-03
Benicia CA, 94510 Project Manager: Jim Gribi Reported:
05/26/11 17:12

MW-7
T110669-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

Diesel Range Hydrocarbons	ND	50	ug/l	1	1052302	05/23/11	05/24/11	EPA 8015C
Surrogate: p-Terphenyl	83.9 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1052401	05/24/11	05/24/11	EPA 8260B
Toluene	ND	0.50	"	"	"	"	"	"
Ethylbenzene	ND	0.50	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"
Tert-butyl alcohol	ND	10	"	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"
Methyl tert-butyl ether	9.6	1.0	"	"	"	"	"	"
C6-C12 (GRO)	ND	50	"	"	"	"	"	"

Surrogate: Toluene-d8	124 %	84.7-109	"	"	"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	102 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	124 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez For John Shepler, Laboratory Director



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
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Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: 224-01-03
Benicia CA, 94510 Project Manager: Jim Gribi Reported:
05/26/11 17:12

Extractable Petroleum Hydrocarbons by 8015C - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 1052302 - EPA 3510C GC

Blank (1052302-BLK1) Prepared: 05/23/11 Analyzed: 05/24/11

Diesel Range Hydrocarbons	ND	50	ug/l							
Surrogate: <i>p</i> -Terphenyl	2880		"	4000		71.9	65-135			

LCS (1052302-BS1) Prepared: 05/23/11 Analyzed: 05/24/11

Diesel Range Hydrocarbons	17100	50	ug/l	20000		85.5	75-125			
Surrogate: <i>p</i> -Terphenyl	3490		"	4000		87.2	65-135			

LCS Dup (1052302-BSD1) Prepared: 05/23/11 Analyzed: 05/24/11

Diesel Range Hydrocarbons	16900	50	ug/l	20000		84.3	75-125	1.45	20	
Surrogate: <i>p</i> -Terphenyl	3570		"	4000		89.1	65-135			

SunStar Laboratories, Inc.

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949.297.5020 Phone
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Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: 224-01-03
Benicia CA, 94510 Project Manager: Jim Gribi Reported:
05/26/11 17:12

Volatile Organic Compounds by EPA Method 8260B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 1052401 - EPA 5030 GCMS

Blank (1052401-BLK1) Prepared & Analyzed: 05/24/11

Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
C6-C12 (GRO)	ND	50	"							
Surrogate: Toluene-d8	9.96		"	8.00		124	84.7-109			S-GC
Surrogate: 4-Bromofluorobenzene	8.11		"	8.00		101	83.5-119			
Surrogate: Dibromofluoromethane	8.63		"	8.00		108	81.1-136			

LCS (1052401-BS1) Prepared: 05/24/11 Analyzed: 05/26/11

Chlorobenzene	23.0	1.0	ug/l	20.0		115	75-125			
1,1-Dichloroethene	22.1	1.0	"	20.0		111	75-125			
Trichloroethene	21.5	1.0	"	20.0		107	75-125			
Benzene	21.0	0.50	"	20.0		105	75-125			
Toluene	20.1	0.50	"	20.0		101	75-125			
Surrogate: Toluene-d8	7.87		"	8.00		98.4	84.7-109			
Surrogate: 4-Bromofluorobenzene	8.09		"	8.00		101	83.5-119			
Surrogate: Dibromofluoromethane	7.36		"	8.00		92.0	81.1-136			

LCS Dup (1052401-BSD1) Prepared: 05/24/11 Analyzed: 05/26/11

Chlorobenzene	21.6	1.0	ug/l	20.0		108	75-125	6.36	20	
1,1-Dichloroethene	18.9	1.0	"	20.0		94.7	75-125	15.6	20	
Trichloroethene	19.7	1.0	"	20.0		98.4	75-125	8.65	20	
Benzene	19.2	0.50	"	20.0		95.8	75-125	9.22	20	
Toluene	18.0	0.50	"	20.0		90.2	75-125	10.9	20	
Surrogate: Toluene-d8	7.80		"	8.00		97.5	84.7-109			
Surrogate: 4-Bromofluorobenzene	8.57		"	8.00		107	83.5-119			
Surrogate: Dibromofluoromethane	7.80		"	8.00		97.5	81.1-136			

SunStar Laboratories, Inc.

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Daniel Chavez For John Shepler, Laboratory Director



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates
1090 Adam Street, Suite K
Benicia CA, 94510

Project: Fidelity Roof
Project Number: 224-01-03
Project Manager: Jim Gribi

Reported:
05/26/11 17:12

Notes and Definitions

- S-GC Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
- D-08 Results in the diesel organics range are primarily due to overlap from a gasoline range product.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

SunStar Laboratories, Inc.

Daniel J. Chavez

Daniel Chavez For John Shepler, Laboratory Director

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SUNSTAR LABORATORIES 25712 COMMERCENTRE DRIVE LAKE FOREST, CA 92630 Telephone: (949) 297-5020 Webster: www.SUNSTARLABS.com Email: john@sunstarlabs.com Fax: (949) 297-5027																																																										
Report To: James Gribi			Bill To:			Chain of Custody Record			TURN AROUND TIME																																																	
Company: Gribi Associates 1090 Adams Street, Suite K Benicia, CA 94510			E-Mail:			TPH-Around Time			<input type="checkbox"/> RUSH 24 HR <input type="checkbox"/> PDF 48 HR <input type="checkbox"/> Excel 72 HR <input type="checkbox"/> White On (DW) 5 DAY																																																	
Tel: (707) 748-7743			Fax: (707) 748-7763			TPH-Tracker EDF			<input type="checkbox"/> GeoTracker EDF <input type="checkbox"/> PDF <input type="checkbox"/> Excel <input type="checkbox"/> White On (DW)																																																	
Client Name: Fidelity Roof			Global ID: T0600102117			Analysis Request			Other																																																	
Project Name: Fidelity Roof			Sampler Signature:			<input type="checkbox"/> TPH-Gas, BTEX, MTBE (8015M/8021B) <input type="checkbox"/> TPH-Gas (8015M) <input type="checkbox"/> TPH-Diesel (8015M) <input type="checkbox"/> TPH-Motor Oil (8015M) <input type="checkbox"/> TPH-Gas, BTEX, MTBE (8260B) <input type="checkbox"/> TPH-Gas, BTEX, 5 Oxygenates (8260B) <input type="checkbox"/> TPH-Gas, BTEX, 7 Oxygenates (8260B) <input type="checkbox"/> 5 Oxygenates (8260B) <input type="checkbox"/> Lead Scavengers (1,2 DCA & 1,2 EDB) (8260B) <input type="checkbox"/> VOC's - Full List (8260B) <input type="checkbox"/> Halogenated VOC's (8260B) <input type="checkbox"/> SVOC's (8270)			<input type="checkbox"/> Filter Samples for Metals analysis: Yes / No																																																	
SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	MATRIX					METHOD PRESERVED																																																
		Date	Time		Type Containers	Water	Soil	Air	Sludge		Other																																															
MW-1		5/19	11:50	4	VOA	X	X	X	X	X																																																
MW-2			13:35	4	VOA	X	X	X	X	X																																																
MW-4			12:15	4	VOA	X	X	X	X	X																																																
MW-5			11:15	4	VOA	X	X	X	X	X																																																
MW-6			12:00	4	VOA	X	X	X	X	X																																																
DP-1			14:00	4	VOA	X	X	X	X	X																																																
DP-2			14:15	4	VOA	X	X	X	X	X																																																
MW-3			13:05	4	VOA	X	X	X	X	X																																																
Relinquished By:		Date:		Time:		Received By:		Time:		Received By:		Time:		Received By:		Time:																																										
Relinquished By:		Date:		Time:		Received By:		Time:		Received By:		Time:		Received By:		Time:																																										
Relinquished By: JSG		Date: 5/21		Time: 8:10		Received By: [Signature]		Time: 5:20-11		Received By: [Signature]		Time: 1:40		Received By: [Signature]		Time: 5:20-11																																										
PRESERVATION											GOOD CONDITION			GOOD CONDITION			GOOD CONDITION			GOOD CONDITION			COMMENTS:																																			
VOAS											OAS			METALS			OTHER			PRESERVED IN LAB			PRESERVED IN LAB			PRESERVED IN LAB			PRESERVED IN LAB			PRESERVED IN LAB			PRESERVED IN LAB																							
																																															STD. TAT			5/21/11			[Signature]			80		

SAMPLE RECEIVING REVIEW SHEET

BATCH # T10669

Client Name: GRIGI

Project: FIDELITY R&F

Received by: BRIAN

Date/Time Received: 5/2/11 8:10

Delivered by: Client SunStar Courier GSO FedEx Other _____

Total number of coolers received 1 Temp criteria = 6°C > 0°C (no frozen containers)

Temperature: cooler #1 4.2 °C +/- the CF (-0.2°C) = 4.0 °C corrected temperature

cooler #2 _____ °C +/- the CF (-0.2°C) = _____ °C corrected temperature

cooler #3 _____ °C +/- the CF (-0.2°C) = _____ °C corrected temperature

Samples outside temp. but received on ice, w/in 6 hours of final sampling. Yes No* N/A

Custody Seals Intact on Cooler/Sample Yes No* N/A

Sample Containers Intact Yes No*

Sample labels match COC ID's Yes No*

Total number of containers received match COC Yes No*

Proper containers received for analyses requested on COC Yes No*

Proper preservative indicated on COC/containers for analyses requested Yes No* N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. Yes No*

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date BC 5/2/11

Comments:

ATTACHMENT C
HYDROCARBON TREND GRAPH FOR MW-2

MW-2 - TPH-G, Benzene, MTBE & TBA Concentrations versus Time

