



FIDELITY ROOF COMPANY

December 22, 2011

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

Attention: Mark Detterman

Subject: Second 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 *Second 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

RECEIVED

8:30 am, Dec 23, 2011

Alameda County
Environmental Health



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

Attention: Mark Detterman

Subject: Seond 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 Second 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 eight site wells on November 29, 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 November 29, 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 7.84 feet (DP-1) to 11.47 feet (MW-5).
2. Groundwater elevations ranged from 39.57 feet above means sea level (msl) (MW-5) to 42.25 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 eight 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 first semi-annual groundwater monitoring event during the second quarter of 2012.

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

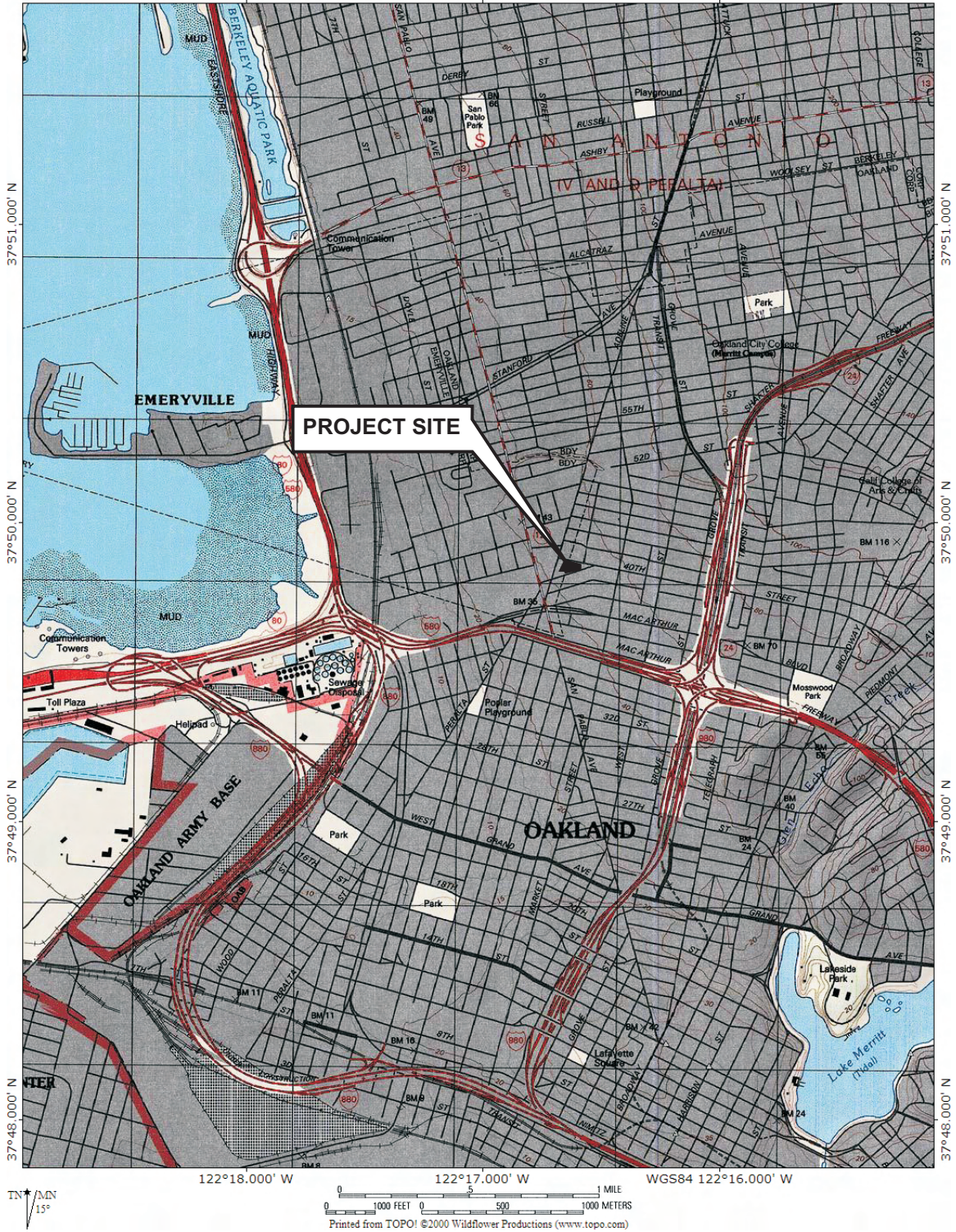


Enclosure

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



DESIGNED BY:

CHECKED BY:

DRAWN BY: JG

SCALE:

PROJECT NO:

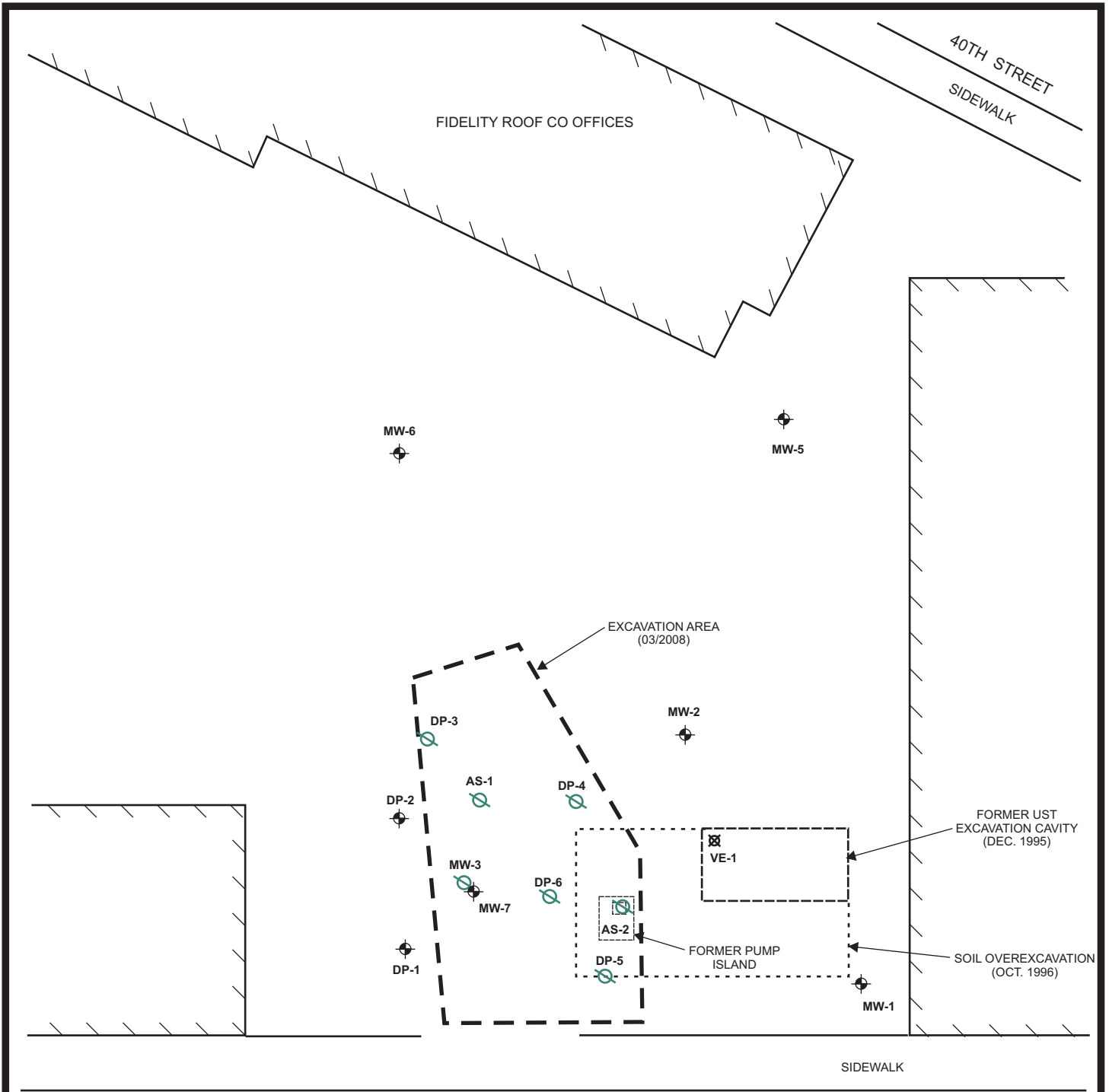
SITE VICINITY MAP

1075 40TH STREET
 OAKLAND, CALIFORNIA




DATE: 12/22/2011

FIGURE: 1






LEGEND

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

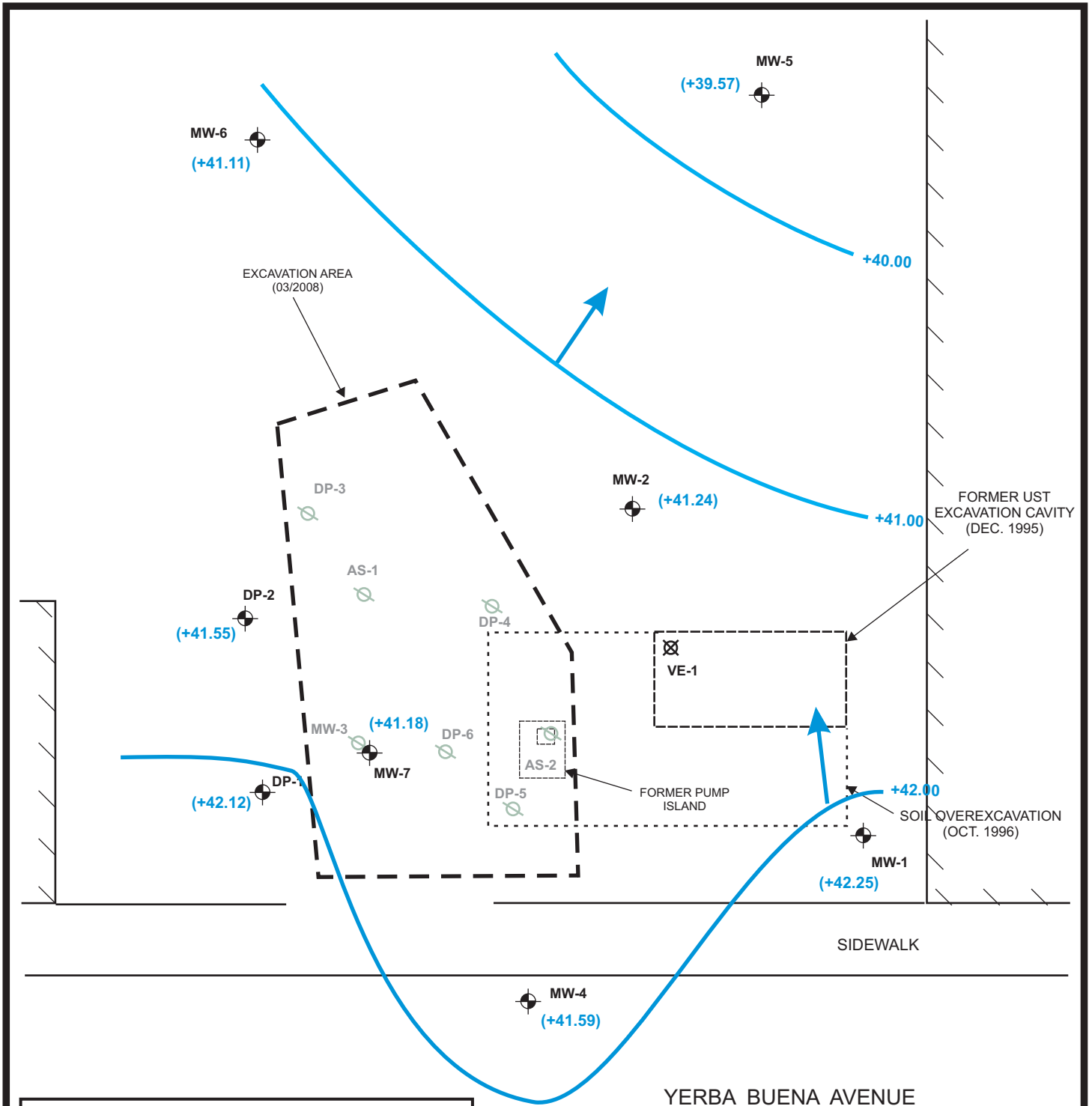
YERBA BUENA AVENUE

0 20 40

APPROXIMATE SCALE IN FEET



DESIGNED BY:	CHECKED BY:	SITE PLAN 1075 40TH STREET OAKLAND, CALIFORNIA	DATE: 12/22/2011	FIGURE: 2	
DRAWN BY: JG	SCALE:				
PROJECT NO:					



LEGEND	
	- ABANDONED WELL
	- REMEDIATION WELL
	- GROUNDWATER MONITORING WELL



DESIGNED BY:	CHECKED BY:	GROUNDWATER ELEVATIONS AND CONTOURS - 11/29/2011	DATE: 12/22/2011	FIGURE: 3
DRAWN BY: JG	SCALE:			
PROJECT NO:				

TPH-G:	59
B:	<0.50
T:	<0.50
E:	<0.50
X:	<1.0
MTBE:	190
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	80
TPH-D:	<500

MW-6

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

MW-5

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

TPH-G:	950
B:	<0.5
T:	<0.5
E:	13
X:	<1.0
MTBE:	26
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	1,600
TPH-D:	760

MW-2

TPH-G:	100
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

DP-2

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

DP-1

AS-1

DP-4

VE-1

MW-3

DP-6

MW-7

DP-5

MW-4

TPH-G:	61
B:	<0.5
T:	<0.5
E:	<0.5
X:	0.10
MTBE:	8.4
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:	7.2
DIPE:	<2.0
ETBE:	<2.0
TAME:	<2.0
TBA:	<10
TPH-D:	<50

TPH-G:	99
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

MW-1




FORMER UST
EXCAVATION CAVITY
(DEC. 1995)

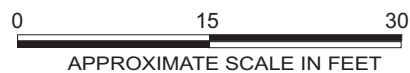
SOIL OVEREXCAVATION
(OCT. 1996)

SIDEWALK

YERBA BUENA AVENUE

LEGEND

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



DESIGNED BY:	CHECKED BY:
DRAWN BY: JG	SCALE:
PROJECT NO:	

**GROUNDWATER HYDROCARBON
RESULTS - 11/29/2011**

1075 40TH STREET
OAKLAND, CALIFORNIA

DATE: 12/22/2011

FIGURE: 4



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
	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

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
	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
	11/29/2011	8.74	42.25	<50	99	<0.5	<0.5	<0.5	<1.0	<1.0	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
	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

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
	05/22/2008	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	<0.5	<0.5	23	5.88	<1.0	ND
	02/26/2009	6.47	44.02	420	1,000	<0.5	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
	11/29/2011	9.25	41.24	760	980	<0.5	<0.5	13	<1.0	26	1,600=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	-
	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							

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
	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
	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

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
	05/12/2010	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
	11/29/2011	7.38	41.59	<50	<50	<0.5	<0.5	<0.5	<1.0	7.2	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
	11/29/2011	11.47	39.57	<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
	11/29/2011	9.23	41.11	<50	59	<0.5	<0.5	<0.5	<1.0	190	80=TBA
MW-7	05/19/2011	7.94	42.01	<50	<50	<0.5	<0.5	<0.5	<1.0	9.6	ND
<49.95>	11/29/2011	8.77	41.18	61	<50	<0.5	<0.5	<0.5	<1.0	8.4	ND
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

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
AS-2	12/01/2005	9.64	40.87	–	<50	<0.5	<0.5	<0.5	<0.5	<5.0	–
<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
	11/29/2011	7.84	42.12	<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
	11/29/2011	8.62	41.55	<50	100	<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	–

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
	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
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. Ramsey Date 11/29/2011
 Weather Conditions Clear, cool

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	—	8.74	50.99	42.25	18.0	
MW-2	—	9.25	50.49	41.24	19.4	
MW-4	—	7.38	48.97	41.59	20.0	
MW-5	—	11.47	51.04	39.57	20.0	
MW-6	—	9.23	50.34	41.11	20.3	
MW-7	—	—	—	—	20.0	
DP-1	—	7.84	49.96	42.12	15.5	
DP-2	—	8.62	50.17	41.55	15.0	

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MARK Date 11/29/2011
 Weather Conditions Clear, mild

Well ID MW-1
 Casing Diameter (inches) 2.0 Total Depth (feet) 18.0
 Depth to Water 8.74 Depth to Free Product —
 Water Column (ft) 9.26 Product Thickness Ø
 One Well Volume (gal) 1.57 3x Well Volume (gal) 4.7

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. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1235				/			
1237	2	19.4	861	/	6.73		
1238	3	19.5	900	/	6.72		
1239	4	19.5	893	/	6.74		
1240	5	19.5	884	/	6.74		

SAMPLE OBSERVATIONS

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

Sample Time 1240 Sampler's Signature MARK

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 11/29/2011
 Weather Conditions Clear, Cool, mild

Well ID MW-2
 Casing Diameter (inches) 2.0 Total Depth (feet) 20.0
 Depth to Water 9.25 Depth to Free Product —
 Water Column (ft) 10.75 Product Thickness ∅
 One Well Volume (gal) 1.83 3x Well Volume (gal) 5.5

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
1325							
1328	2	21.2	1.65		6.62		
1330	4	21.0	1.64		6.66		
1332	6	20.7	1.67		6.66		

SAMPLE OBSERVATIONS

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

Sample Time 1335 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 11/29/2011
 Weather Conditions PC, mild

Well ID MW-4
 Casing Diameter (inches) 2.0 Total Depth (feet) 20.0
 Depth to Water 7.38 Depth to Free Product —
 Water Column (ft) 12.62 Product Thickness ∅
 One Well Volume (gal) 2.15 3x Well Volume (gal) 6.4

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. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1213							
1215	2	21.3	781		6.73		
1216	4	21.6	863		6.68		
1218	6	21.2	950		6.70		
1219	7	21.1	969		6.70		

SAMPLE OBSERVATIONS

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

Sample Time 1220 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 11/29/2011
 Weather Conditions Overcast, cool

Well ID MW-5
 Casing Diameter (inches) 2.0 Total Depth (feet) 19.4
 Depth to Water 11.47 Depth to Free Product —
 Water Column (ft) 7.93 Product Thickness ∅
 One Well Volume (gal) 1.35 3x Well Volume (gal) 4.0

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
1050							
1051	1	20.5	1.12		6.88		
1052	2	20.8	1.12		6.89		
1053	3	20.6	1.11		6.94		
1054	4	20.4	1.11		6.94		

SAMPLE OBSERVATIONS

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

Sample Time 1055 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 11/29/2011
 Weather Conditions Clear, Cool/m: 12

Well ID MW-6
 Casing Diameter (inches) 2.0 Total Depth (feet) 20.3
 Depth to Water 9.23 Depth to Free Product —
 Water Column (ft) 11.07 Product Thickness ∅
 One Well Volume (gal) 1.88 3x Well Volume (gal) 5.6

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
1304							
1306	2	21.6	1.02		6.58		
1308	4	21.6	1.03		6.61		
1311	6	21.3	1.03		6.65		

SAMPLE OBSERVATIONS

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

Sample Time 1315 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 11/29/2011
 Weather Conditions overcast, cool

Well ID MW-7
 Casing Diameter (inches) 2.0 Total Depth (feet) 20.0
 Depth to Water 8.77 Depth to Free Product —
 Water Column (ft) 11.23 Product Thickness ∅
 One Well Volume (gal) 1.91 3x Well Volume (gal) 5.7

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

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1116							Inhibit - Ground Cleaning ↓
1118	2	21.4	1.49		6.88		
1120	4	21.6	1.48		6.90		
1122	6	21.6	1.48		6.90		

SAMPLE OBSERVATIONS

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

Sample Time 1125 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAR Date 11/29/2011
 Weather Conditions PC, mild

Well ID DP-1
 Casing Diameter (inches) 0.75 Total Depth (feet) 15.5
 Depth to Water 7.84 Depth to Free Product —
 Water Column (ft) 7.66 Product Thickness ∅
 One Well Volume (gal) 0.45 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

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1143							purge 1 well Volume
1147	0.5						
	1.0						
	1.5						

SAMPLE OBSERVATIONS

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

Sample Time 1150 Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Fidelity Roof Project Name Fidelity Roof
 Sampling Personnel MAT Date 11/29/2011
 Weather Conditions PC, mild

Well ID DP-2
 Casing Diameter (inches) 0.75 Total Depth (feet) 15.0
 Depth to Water 8.62 Depth to Free Product —
 Water Column (ft) 6.38 Product Thickness Ø
 One Well Volume (gal) 0.37 3x Well Volume (gal) 1.1

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	12 ✓ purge pump
Sample Method		X	12 ✓ purge pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1159							
1203	0.5						purge 0.5 gal.

SAMPLE OBSERVATIONS

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

Sample Time 1205 Sampler's Signature MAT

ATTACHMENT B

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



25712 Commercentre Drive
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949.297.5020 Phone
949.297.5027 Fax

08 December 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 12/01/11 08:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
Project Manager



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: [none] Project Manager: Jim Gribi	Reported: 12/08/11 17:15
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T111806-01	Water	11/29/11 12:40	12/01/11 08:45
MW-2	T111806-02	Water	11/29/11 13:35	12/01/11 08:45
MW-4	T111806-03	Water	11/29/11 12:20	12/01/11 08:45
MW-5	T111806-04	Water	11/29/11 10:55	12/01/11 08:45
MW-6	T111806-05	Water	11/29/11 13:15	12/01/11 08:45
MW-7	T111806-06	Water	11/29/11 11:25	12/01/11 08:45
DP-1	T111806-07	Water	11/29/11 11:50	12/01/11 08:45
DP-2	T111806-08	Water	11/29/11 12:05	12/01/11 08:45

SunStar Laboratories, Inc.

Daniel Chavez, Project Manager

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.



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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: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

MW-1
T111806-01 (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	1120112	12/01/11	12/02/11	EPA 8015C
Surrogate: p-Terphenyl		95.8 %	65-135		"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1120120	12/01/11	12/02/11	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)	99	50	"	"	"	"	"	"

Surrogate: Toluene-d8	96.9 %	88.8-117	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	104 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	88.0 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager



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Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

MW-2
T111806-02 (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	760	50	ug/l	1	1120112	12/01/11	12/02/11	EPA 8015C	D-08
Surrogate: p-Terphenyl		114 %	65-135		"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1120120	12/01/11	12/02/11	EPA 8260B
Toluene	ND	0.50	"	"	"	"	"	"
Ethylbenzene	13	0.50	"	"	"	"	"	"
m,p-Xylene	ND	1.0	"	"	"	"	"	"
o-Xylene	ND	0.50	"	"	"	"	"	"
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"
Tert-butyl alcohol	1600	100	"	10	"	"	"	"
Di-isopropyl ether	ND	2.0	"	1	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"
Methyl tert-butyl ether	26	1.0	"	"	"	"	"	"
C6-C12 (GRO)	980	50	"	"	"	"	"	"

Surrogate: Toluene-d8	98.6 %	88.8-117	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	99.8 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	85.5 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager



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Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

**MW-4
T111806-03 (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	1120112	12/01/11	12/02/11	EPA 8015C
Surrogate: p-Terphenyl	119 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1120120	12/01/11	12/02/11	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	7.2	1.0	"	"	"	"	"	"
C6-C12 (GRO)	ND	50	"	"	"	"	"	"

Surrogate: Toluene-d8	97.6 %	88.8-117	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	96.0 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	87.2 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager



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Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

**MW-5
T111806-04 (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	1120112	12/01/11	12/02/11	EPA 8015C
Surrogate: p-Terphenyl	104 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1120120	12/01/11	12/02/11	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	95.4 %	88.8-117	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	99.4 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	87.6 %	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, Project Manager



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Gribi Associates Project: Fidelity Roof
 1090 Adam Street, Suite K Project Number: [none] Reported:
 Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

**MW-6
 T111806-05 (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	1120112	12/01/11	12/02/11	EPA 8015C
Surrogate: p-Terphenyl	97.7 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1120120	12/01/11	12/02/11	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	80	10	"	"	"	"	"	"
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"
Methyl tert-butyl ether	190	5.0	"	5	"	"	"	"
C6-C12 (GRO)	59	50	"	1	"	"	"	"

Surrogate: Toluene-d8	96.6 %	88.8-117	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	99.9 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	87.1 %	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, Project Manager



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: [none] Reported:
 Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

**MW-7
 T111806-06 (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	1120112	12/01/11	12/02/11	EPA 8015C
Surrogate: p-Terphenyl	99.0 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1120120	12/01/11	12/02/11	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	8.4	1.0	"	"	"	"	"	"
C6-C12 (GRO)	61	50	"	"	"	"	"	"

Surrogate: Toluene-d8	96.2 %	88.8-117	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	89.1 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
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949.297.5027 Fax

Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

DP-1
T111806-07 (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	1120112	12/01/11	12/02/11	EPA 8015C
Surrogate: p-Terphenyl	99.5 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1120120	12/01/11	12/02/11	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	95.0 %	88.8-117	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	98.8 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	85.6 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager



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Gribi Associates Project: Fidelity Roof
1090 Adam Street, Suite K Project Number: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

DP-2
T111806-08 (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	1120112	12/01/11	12/02/11	EPA 8015C
Surrogate: p-Terphenyl	111 %	65-135	"	"	"	"	"	"

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	1120120	12/01/11	12/02/11	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)	100	50	"	"	"	"	"	"

Surrogate: Toluene-d8	102 %	88.8-117	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	104 %	83.5-119	"	"	"	"	"	"
Surrogate: Dibromofluoromethane	87.4 %	81.1-136	"	"	"	"	"	"

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager



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1090 Adam Street, Suite K Project Number: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

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 1120112 - EPA 3510C GC

Blank (1120112-BLK1) Prepared: 12/01/11 Analyzed: 12/02/11

Diesel Range Hydrocarbons	ND	50	ug/l							
Surrogate: <i>p</i> -Terphenyl	4760		"	4000		119	65-135			

LCS (1120112-BS1) Prepared: 12/01/11 Analyzed: 12/02/11

Diesel Range Hydrocarbons	21800	50	ug/l	20000	ND	109	75-125			
Surrogate: <i>p</i> -Terphenyl	4380		"	4000		109	65-135			

Matrix Spike (1120112-MS1) Source: T111792-01 Prepared: 12/01/11 Analyzed: 12/02/11

Diesel Range Hydrocarbons	22100	50	ug/l	20000	ND	111	75-125	4.34	20	
Surrogate: <i>p</i> -Terphenyl	4600		"	4000		115	65-135			

Matrix Spike Dup (1120112-MSD1) Source: T111792-01 Prepared: 12/01/11 Analyzed: 12/02/11

Diesel Range Hydrocarbons	21200	50	ug/l	20000	ND	106	75-125	4.34	20	
Surrogate: <i>p</i> -Terphenyl	4170		"	4000		104	65-135			

SunStar Laboratories, Inc.

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1090 Adam Street, Suite K Project Number: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

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 1120120 - EPA 5030 GCMS

Blank (1120120-BLK1) Prepared & Analyzed: 12/01/11

Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager



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Gribi Associates Project: Fidelity Roof
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Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

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 1120120 - EPA 5030 GCMS

Blank (1120120-BLK1)		Prepared & Analyzed: 12/01/11								
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
Benzene	ND	0.50	"							
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	7.71		"	8.00		96.4	88.8-117			
Surrogate: 4-Bromofluorobenzene	8.05		"	8.00		101	83.5-119			
Surrogate: Dibromofluoromethane	7.37		"	8.00		92.1	81.1-136			

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1090 Adam Street, Suite K Project Number: [none] Reported:
Benicia CA, 94510 Project Manager: Jim Gribi 12/08/11 17:15

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
---------	--------	-----------------	-------	-------------	---------------	-----------	--------	-----	-----------	-------

Batch 1120120 - EPA 5030 GCMS

LCS (1120120-BS1)		Prepared: 12/01/11 Analyzed: 12/02/11								
Chlorobenzene	18.3	1.0	ug/l	20.0		91.4	75-125			
1,1-Dichloroethene	20.2	1.0	"	20.0		101	75-125			
Trichloroethene	18.7	1.0	"	20.0		93.4	75-125			
Benzene	18.0	0.50	"	20.0		90.2	75-125			
Toluene	17.1	0.50	"	20.0		85.6	75-125			
Surrogate: Toluene-d8	7.88		"	8.00		98.5	88.8-117			
Surrogate: 4-Bromofluorobenzene	8.06		"	8.00		101	83.5-119			
Surrogate: Dibromofluoromethane	7.21		"	8.00		90.1	81.1-136			
Matrix Spike (1120120-MS1)		Source: T111811-01		Prepared: 12/01/11 Analyzed: 12/02/11						
Chlorobenzene	18.2	1.0	ug/l	20.0	ND	90.8	75-125			
1,1-Dichloroethene	19.9	1.0	"	20.0	ND	99.6	75-125			
Trichloroethene	17.7	1.0	"	20.0	ND	88.6	75-125			
Benzene	17.3	0.50	"	20.0	ND	86.6	75-125			
Toluene	16.7	0.50	"	20.0	ND	83.3	75-125			
Surrogate: Toluene-d8	7.64		"	8.00		95.5	88.8-117			
Surrogate: 4-Bromofluorobenzene	8.15		"	8.00		102	83.5-119			
Surrogate: Dibromofluoromethane	7.22		"	8.00		90.2	81.1-136			
Matrix Spike Dup (1120120-MSD1)		Source: T111811-01		Prepared: 12/01/11 Analyzed: 12/02/11						
Chlorobenzene	19.0	1.0	ug/l	20.0	ND	94.9	75-125	4.36	20	
1,1-Dichloroethene	19.7	1.0	"	20.0	ND	98.4	75-125	1.21	20	
Trichloroethene	18.9	1.0	"	20.0	ND	94.6	75-125	6.55	20	
Benzene	17.4	0.50	"	20.0	ND	87.1	75-125	0.633	20	
Toluene	17.3	0.50	"	20.0	ND	86.6	75-125	3.94	20	
Surrogate: Toluene-d8	8.00		"	8.00		100	88.8-117			
Surrogate: 4-Bromofluorobenzene	8.03		"	8.00		100	83.5-119			
Surrogate: Dibromofluoromethane	7.13		"	8.00		89.1	81.1-136			

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Daniel Chavez, Project Manager



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

Project: Fidelity Roof
Project Number: [none]
Project Manager: Jim Gribi

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949.297.5020 Phone
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Reported:
12/08/11 17:15

Notes and Definitions

- 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, Project Manager

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SUNSTAR LABORATORIES 25712 COMMERCENTRE DRIVE LAKE FOREST, CA 92680 Telephone: (949) 297-5020 Website: WWW.SUNSTARLABS.COM Email: JGRI@SUNSTARLABS.COM Fax: (949) 297-5027				CHAIN OF CUSTODY RECORD TURN AROUND TIME GeoTracker EDI <input type="checkbox"/> PDR <input type="checkbox"/> Excel <input type="checkbox"/> Write On (DW) <input type="checkbox"/>										
Report To: James Gribi		BILL To:		Analysis Request										
Company: Gribi Associates		E-Mail:		Other										
1090 Adam Street, Suite K		Fax: (707) 748-7763		Either Samples for Metals analysis: Yes / No										
Benicia, CA 94510		Global ID: T0600102117												
Tel: (707) 748-7743														
Client Name: Fidelity Roof														
Project Name: Fidelity Roof														
Sampler Signature: <i>[Signature]</i>														
SAMPLE ID	LOCATION/ Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED	Analysis Request	Comments	
		Date	Time			Water	Soil	Air	Sludge	Other				Ice
01 MW-1		11/29	12:40	4	VOB	X	X	X	X	X	X			
02 MW-2		11/29	13:35	4	VOB	X	X	X	X	X	X			
03 MW-4		11/29	12:20	4	VOB	X	X	X	X	X	X			
04 MW-5		11/29	10:35	4	VOB	X	X	X	X	X	X			
05 MW-6		11/29	13:15	4	VOB	X	X	X	X	X	X			
06 MW-7		11/29	11:25	4	VOB	X	X	X	X	X	X			
07 DP-1		11/29	11:50	4	VOB	X	X	X	X	X	X			
08 DP-2		11/29	12:05	4	VOB	X	X	X	X	X	X			
Referenced By: <i>[Signature]</i> Date: 11/30/11 Time: 10:00 Reported By: <i>[Signature]</i> Date: 11-30-11 Requisition By: <i>[Signature]</i> Date: 12-1-11 Time: 8:46 Accepted By: <i>[Signature]</i> Date: 12-1-11 Redefined By: <i>[Signature]</i> Date: 12-1-11 Time: 8:46 Rechecked By: <i>[Signature]</i> Date: 12-1-11														
PRESERVATION: VOAS OAG METALS OTHER COMMENTS: STD. TAT <i>12-1-11</i>														

SAMPLE RECEIVING REVIEW SHEET

BATCH # T11806

Client Name: GRAB

Project: FIDELITY ROOF

Received by: JANNEY

Date/Time Received: 12-1-11 8:45

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 2.2 °C +/- the CF (-0.2°C) = 2.0 °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 12-1-11

Comments:

ATTACHMENT C
HYDROCARBON TREND GRAPH FOR MW-2

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

