

November 11, 2010

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

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2:14 pm, Dec 23, 2011

Alameda County
Environmental Health

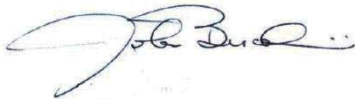
Attention: Barbara Jakub

Subject: Second Semi-Annual 2010 Groundwater Monitoring Report
St. Francis Pie Shop UST Site, 1125 67th Street Oakland, California
ACDEH Site No. RO2602, Global ID: T0600109444

Ladies and Gentlemen:

Attached please find a copy of the *Second Semi-Annual 2010 Groundwater Monitoring Report, 1125 67th Street, Oakland, California*, 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,



John Buschini, Jr.
830 Hawthorne Drive
Walnut Creek, CA 94596



November 11, 2010

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

Attention: Barbara Jakub

Subject: Second Semi-Annual 2010 Groundwater Monitoring Report
1125 67th Street Oakland, Ca
ACDEH Site No. RO2602, Geotracker Global ID: T0600109444

Ladies and Gentlemen:

Gribi Associates is pleased to submit this Second Semi-Annual 2010 Groundwater Monitoring Report on behalf of St. Francis Pie Shop for the underground storage tank (UST) site located at 1125 67th Street in Oakland, California (see Figure 1 and Figure 2). This letter report documents the monitoring and sampling of five site wells on October 26, 2010.

DESCRIPTION OF SAMPLING ACTIVITIES

1. Gribi Associates personnel conducted groundwater monitoring and sampling activities for 5 of site wells (MW-1, MW-2, MW-3, MW-4, and MW-5) on October 26, 2010.
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 6.23 feet (MW-2) to 9.64 feet (MW-5).
2. Groundwater elevations ranged from 34.11 feet above means sea level (msl) (MW-5) to 37.64 feet msl (MW-1).
3. Groundwater flow direction is variable, generally trending to the west-southwest.
4. Groundwater elevations and gradient contours are shown on Figure 3.

Laboratory Analytical Results

1. Groundwater samples from the five sampled wells were analyzed for the following parameters with standard method turn around time on results:
 - a. USEPA 8260B Total Petroleum Hydrocarbons as Gasoline (TPH-G)
 - b. USEPA 8260B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
 - c. 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.

CONCLUSIONS

1. Results of this monitoring event indicate primarily a single groundwater MTBE/TBA plume located in the vicinity of MW-1 and MW-2.
 - a. The MTBE/TBA groundwater plume is concentrated below the former underground storage tank, fuel dispenser, and conveyance piping locations.
 - b. The groundwater MTBE/TBA groundwater plume does not appear to be migrating significantly in a downgradient direction.
 - c. Groundwater MTBE concentrations in source area well MW-1 seem to be trending downward over time, indicating natural attenuation of the MTBE.

RECOMMENDATIONS

1. We believe that this site should be reviewed for regulatory closure as a “low risk” commercial property, based on the following criteria:
 - a. The source (UST, piping, and soil/groundwater over-excavation) has been removed.
 - b. The site has been adequately characterized, essentially to nondetect in all directions.
 - c. The contaminant plume is not migrating, and chemical concentrations in groundwater are expected to meet water quality objectives in the future.

- d. No other waters of the State, water supply wells, or other sensitive receptors are likely to be impacted.
- e. The site does not pose a significant risk to human health or safety.

PLANNED ACTIVITIES

- 1. Gribi Associates plans to conduct semi-annual groundwater monitoring during the second 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



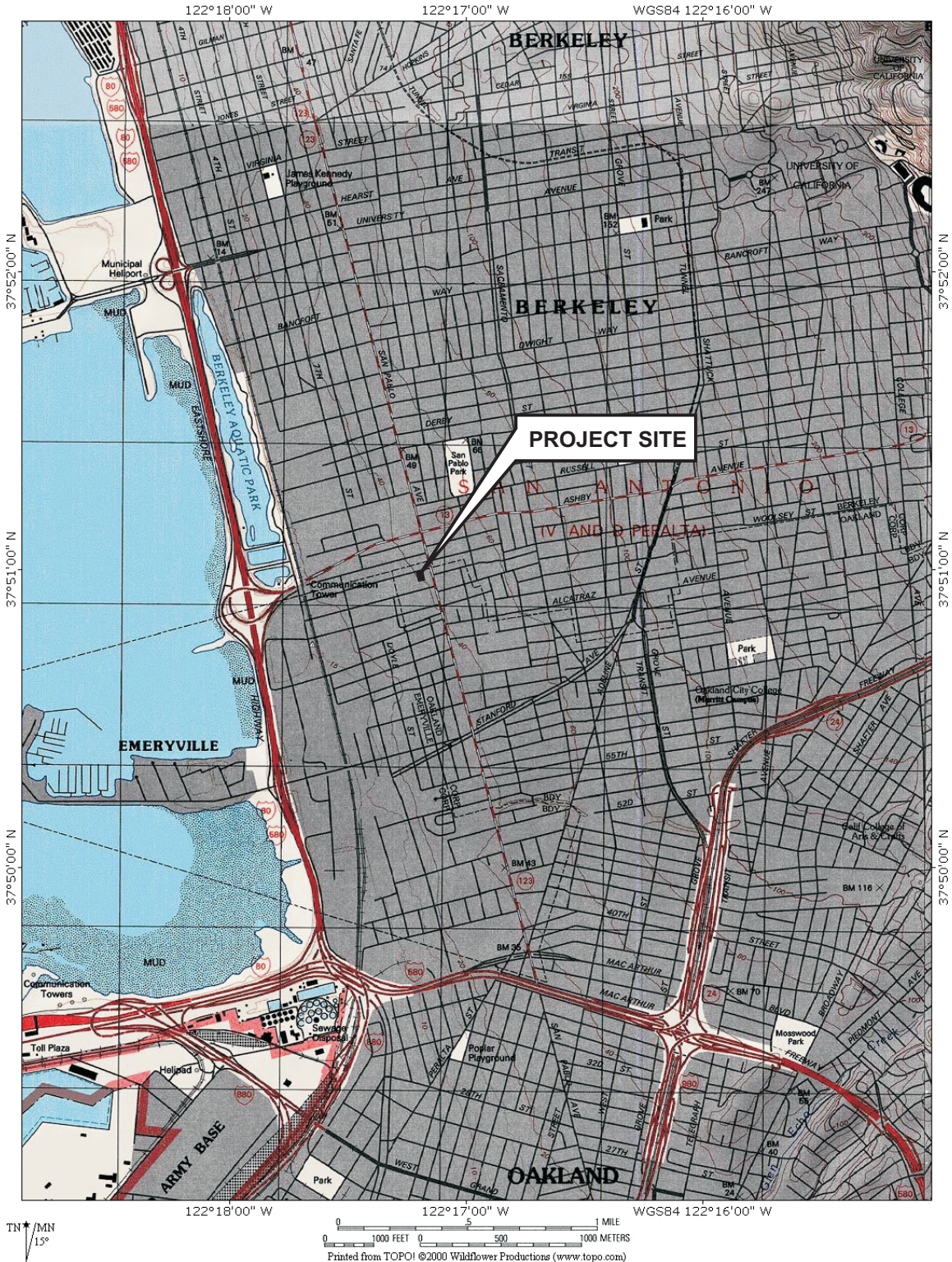
James E. Gribi
Professional Geologist
California No. 5843



Enclosure

cc: Mr. John Buschini, Jr.

FIGURES

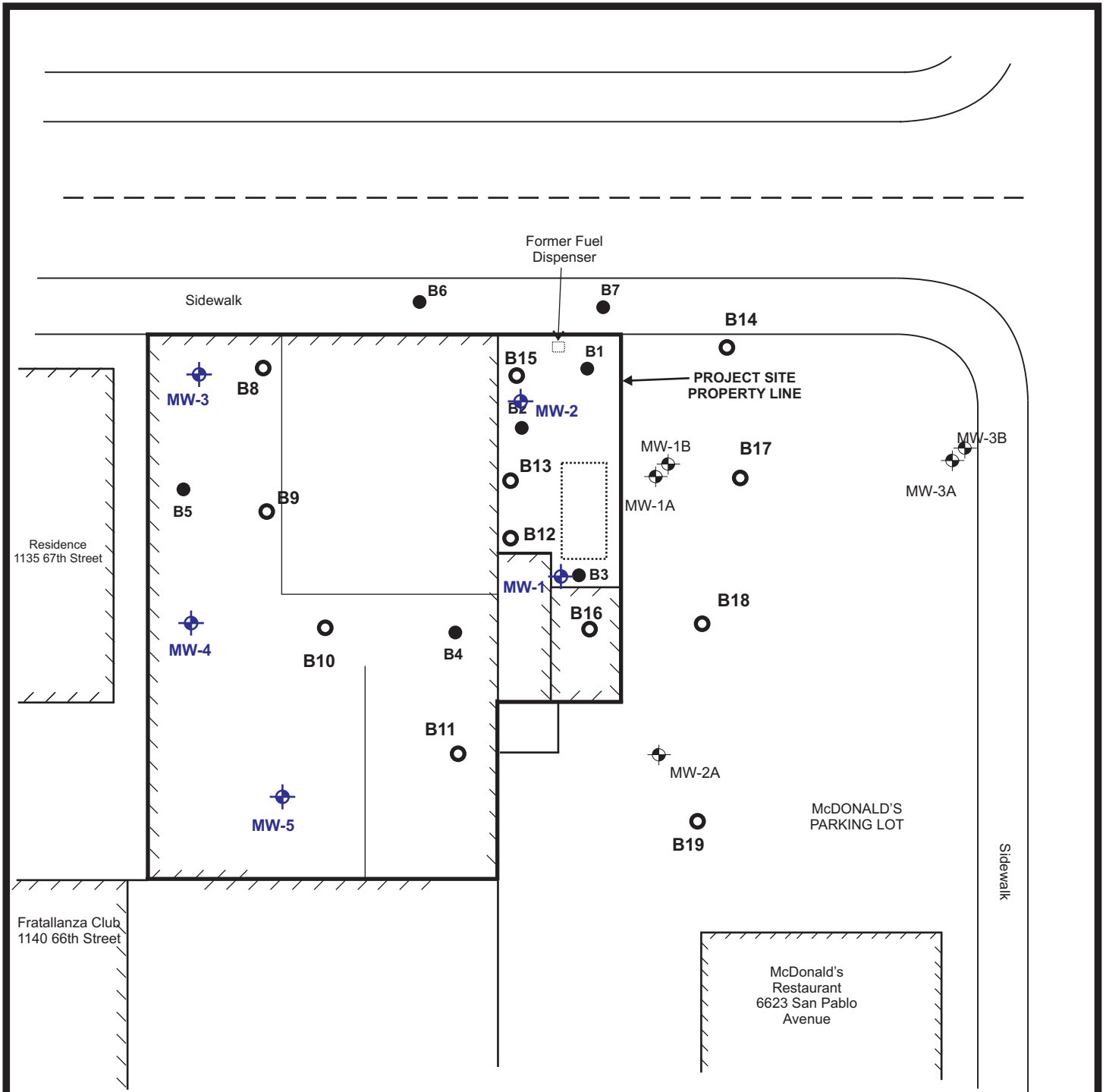


DESIGNED BY:	CHECKED BY: JEG
DRAWN BY: JEG	SCALE:
PROJECT NO:	

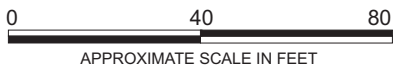
SITE VICINITY MAP

ST. FRANCIS PIE SHOP UST SITE
1125 67TH STREET
OAKLAND, CALIFORNIA

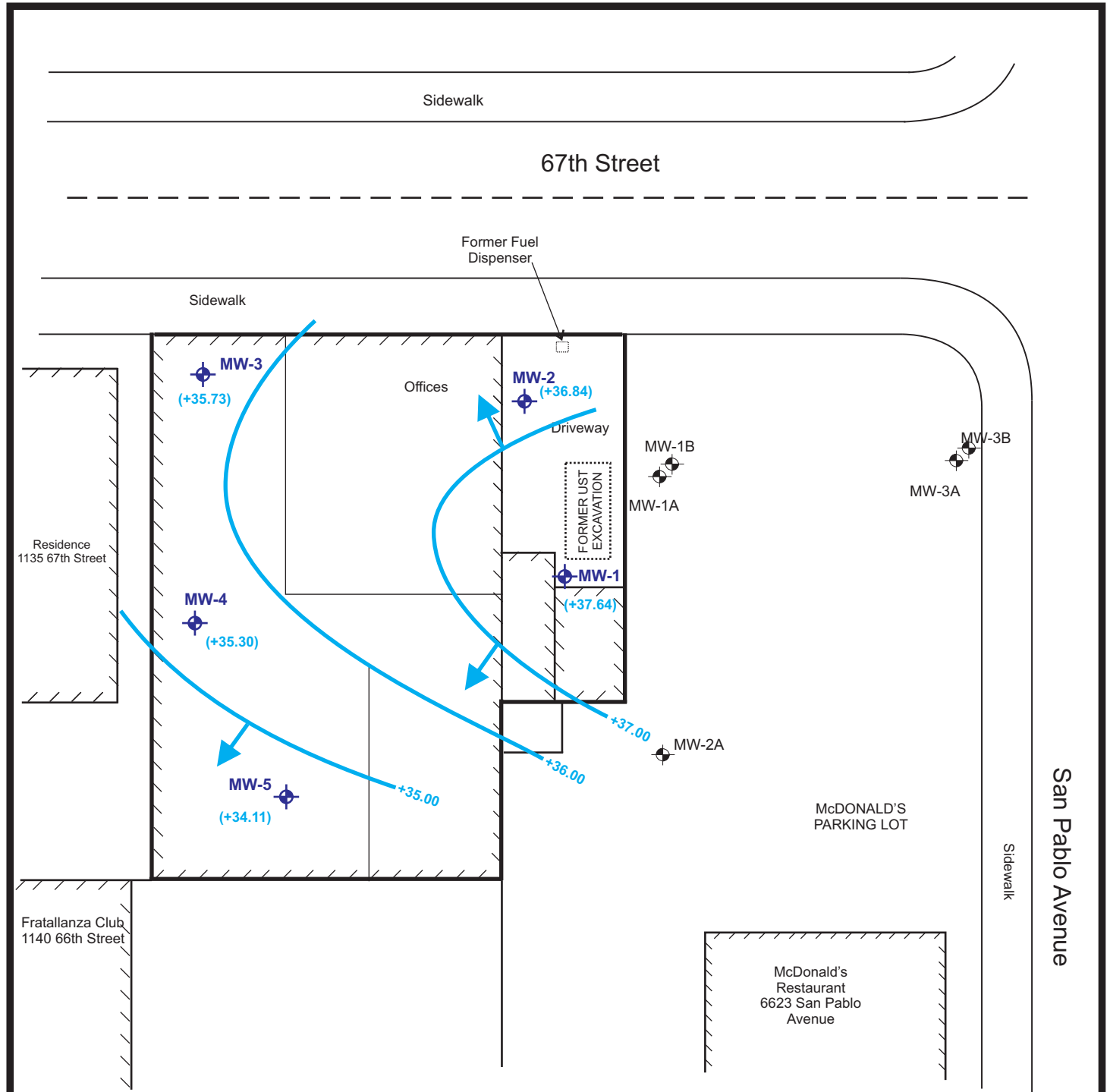
DATE: 11/11/2010	FIGURE: 1
	





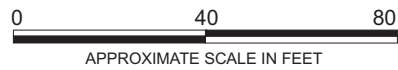
- - SOIL BORING LOCATION (GRIBI ASSOCIATES, 10/2006)
- ⊕ - GROUNDWATER MONITORING WELL LOCATION (GRIBI ASSOCIATES, 02/2007).
- - SOIL BORING LOCATION (TEC ACCUTITE, 10/2005)
- ⊕ - GROUNDWATER MONITORING WELL, (BASELINE, 01/99)




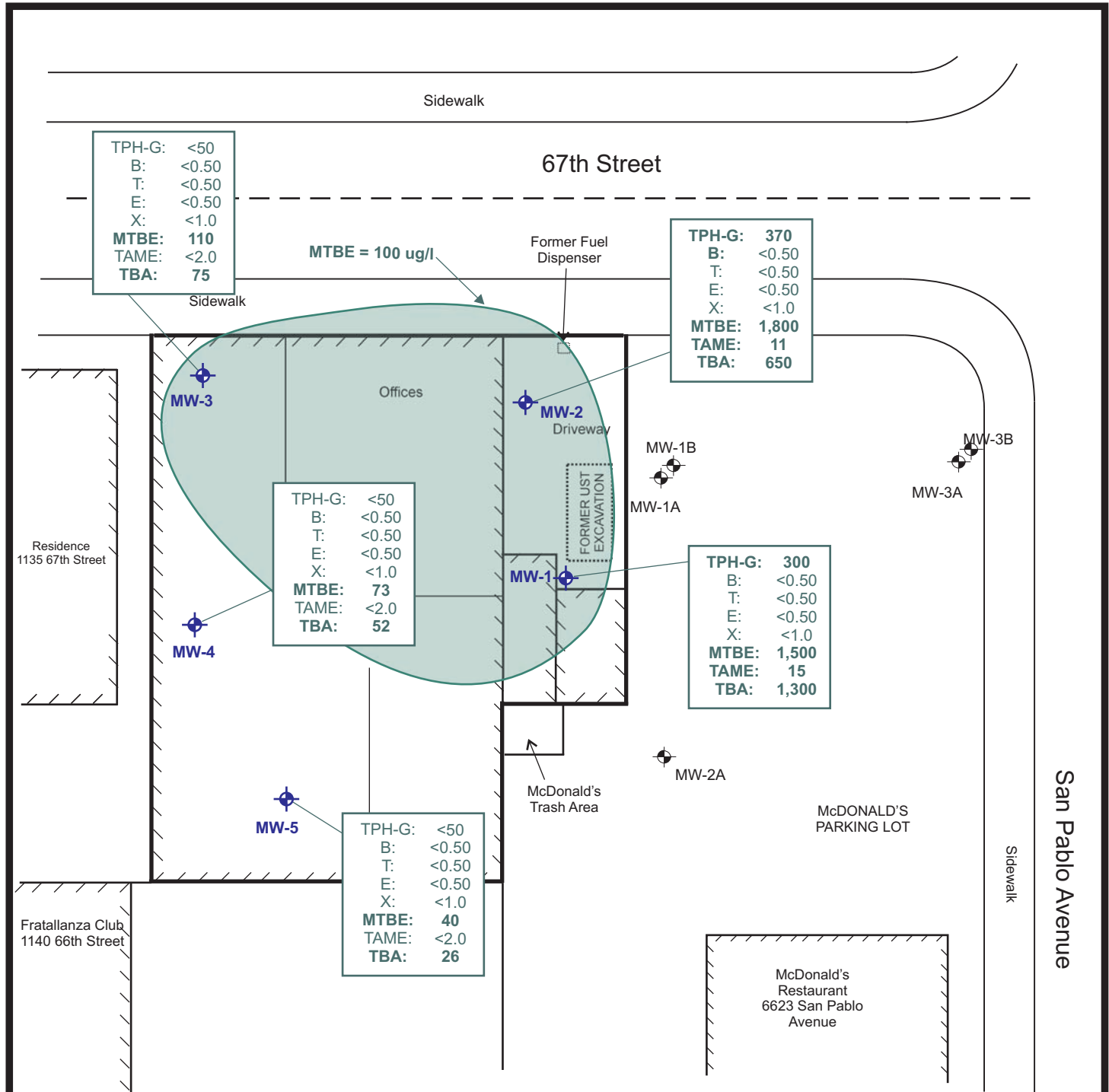
DESIGNED BY:	CHECKED BY: JEG	SITE PLAN ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	DATE: 11/11/2010	FIGURE: 2
DRAWN BY: JEG	SCALE:			
PROJECT NO:				





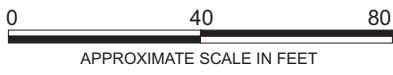
-  - GROUNDWATER MONITORING WELL LOCATION (GRIBI ASSOCIATES, 02/2007).
-  - GROUNDWATER MONITORING WELL, (BASELINE, 01/99)




DESIGNED BY:	CHECKED BY: JEG	GROUNDWATER ELEVATION GRADIENT- 10/26/2010 ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	DATE: 11/11/2010	FIGURE: 3
DRAWN BY: JEG	SCALE:			
PROJECT NO:				



 - GROUNDWATER MONITORING WELL LOCATION (GRIBI ASSOCIATES, 02/2007).
 - GROUNDWATER MONITORING WELL, (BASELINE, 01/99)



DESIGNED BY:	CHECKED BY: JEG	GROUNDWATER HYDROCARBON RESULTS, 10/26/2010 ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	DATE: 11/11/2010	FIGURE: 4
DRAWN BY: JEG	SCALE:			
PROJECT NO:				

TABLE

Table 1
Groundwater Laboratory Analytical Results
 St. Francis Pie Shop UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration (micrograms per liter, ug/l)						
				TPH-G	B	T	E	X	MTBE	Oxygenates
MW-1	03/08/2007	4.86	39.54	130	<0.50	<0.50	<0.50	<1.0	5,800	TAME=220 TBA=2,500
<44.40>	05/31/2007	6.38	38.02	250	<0.50	<0.50	<0.50	<1.0	6,300	TAME=260 TBA=180
	09/07/2007	6.65	37.75	100	<0.50	<0.50	<0.50	<1.0	3,100	TAME=140 TBA=84
	11/20/2007	6.28	38.12	380	3.0	1.4	2.6	9.4	1,400	TAME=42 TBA=24
	02/29/2008	4.89	39.51	270	<0.50	<0.50	<0.50	<1.0	770	TAME=36 TBA=87
	05/29/2008	7.12	37.28	350	<0.50	<0.50	<0.50	<1.0	1,900	TAME=88 TBA=390
	09/18/2008	7.20	37.20	<50	<0.50	<0.50	0.87	1.5	2,600	TAME=37
	12/02/2008	6.81	37.59	840	<0.50	<0.50	<0.50	<1.0	2,600	TAME=88
	02/27/2009	4.55	39.85	770	0.70	<0.50	0.55	<1.0	760	TAME=51 TBA=590
	09/28/2009	7.11	37.29	470	<0.50	<0.50	<0.50	<1.0	310	TAME=10 TBA=92
	12/04/2009	7.12	37.28	290	<0.50	<0.50	<0.50	<1.0	620	TAME=15
	05/21/2010	5.94	38.46	300	<0.50	<0.50	<0.50	<1.0	1,700	TAME=56 TBA=1,700
	10/26/2010	6.76	37.64	300	<0.50	<0.50	<0.50	<1.0	1,500	TAME=15 TBA=1,300
MW-2	03/08/2007	4.99	38.08	210	5.6	<0.50	4.8	<1.0	2,000	TAME=40 TBA=1,400
<43.07>	05/31/2007	6.58	36.49	240	14	<0.50	5.2	<1.0	2,300	TAME=56 TBA=110
	09/07/2007	6.45	36.62	<50	<0.50	<0.50	<0.50	<1.0	<1.0	ND
	11/20/2007	5.95	37.12	1,500	15	0.63	10	3.76	2,100	TAME=43 TBA=47
	02/29/2008	4.39	38.68	510	4.4	<0.50	2.8	<1.0	1,600	TAME=45 TBA=150
	05/29/2008	6.47	36.60	350	1.5	<0.50	0.54	<1.0	2,600	TAME=55 TBA=110
	09/18/2008	6.80	36.27	<50	<0.50	<0.50	<0.50	<1.0	2,400	TAME=60
	12/02/2008	6.26	36.81	1,500	5.6	<0.50	2.0	1.6	4,900	TAME=140
	02/27/2009	3.72	39.35	1,400	4.4	0.94	2.1	4.69	2,800	TAME=65 TBA=190
	09/28/2009	6.53	36.54	850	0.65	<0.50	<0.50	<1.0	3,400	TAME=82 TBA=280
	12/04/2009	6.35	36.72	460	2.2	<0.50	<0.50	<1.0	480	TAME=25
	05/21/2010	5.48	37.59	340	1.7	<0.50	<0.50	<1.0	1,900	TAME=30 TBA=1,400
	10/26/2010	6.23	36.84	370	<0.50	<0.50	<0.50	<1.0	1,800	TAME=11 TBA=650

Table 1
Groundwater Laboratory Analytical Results
St. Francis Pie Shop UST Site

Well ID	Date	GW Depth	GW Elev.	Concentration (micrograms per liter, ug/l)						
				TPH-G	B	T	E	X	MTBE	Oxygenates
MW-3 <43.42>	03/08/2007	5.79	37.63	<50	<0.50	<0.50	<0.50	<1.0	11	ND
	05/31/2007	7.14	36.28	<50	<0.50	<0.50	<0.50	<1.0	2.3	ND
	09/07/2007	7.71	35.71	<50	<0.50	<0.50	<0.50	<1.0	40	ND
	11/20/2007	7.05	36.37	<50	<0.50	<0.50	<0.50	<1.0	12	ND
	02/29/2008	5.48	37.94	<50	<0.50	<0.50	<0.50	<1.0	1.5	ND
	05/29/2008	7.78	35.64	<50	<0.50	<0.50	<0.50	<1.0	68	ND
	09/18/2008	8.14	35.28	<50	<0.50	<0.50	0.59	<1.0	100	TAME=2.6
	12/02/2008	7.55	35.87	130	<0.50	<0.50	<0.50	<1.0	410	ND
	02/27/2009	4.78	38.64	<50	3.0	0.64	1.6	3.61	64	ND
	09/28/2009	8.02	35.40	100	<0.50	<0.50	<0.50	<1.0	17	ND
	12/04/2009	7.33	36.09	<50	<0.50	<0.50	<0.50	<1.0	1.0	ND
	05/21/2010	6.66	36.76	<50	<0.50	<0.50	<0.50	<1.0	26	ND
10/26/2010	7.69	35.73	<50	<0.50	<0.50	<0.50	<1.0	110	TBA=75	
MW-4 <43.52>	03/08/2007	5.42	38.10	<50	<0.50	<0.50	<0.50	<1.0	5.6	ND
	05/31/2007	7.01	36.51	<50	<0.50	<0.50	<0.50	<1.0	6.6	ND
	09/07/2007	8.35	35.17	<50	<0.50	<0.50	<0.50	<1.0	24	ND
	11/20/2007	7.47	36.05	<50	<0.50	<0.50	<0.50	<1.0	26	ND
	02/29/2008	5.26	38.26	<50	<0.50	<0.50	<0.50	<1.0	12	ND
	05/29/2008	8.73	34.79	<50	<0.50	<0.50	<0.50	<1.0	35	ND
	09/18/2008	9.08	34.44	<50	<0.50	<0.50	<0.50	<1.0	16	ND
	12/02/2008	8.10	35.42	<50	<0.50	<0.50	<0.50	<1.0	57	ND
	02/27/2009	4.74	38.78	57	2.0	<0.50	1.2	2.3	77	TAME=2.1
	09/28/2009	8.75	34.77	<50	<0.50	0.67	<0.50	<1.0	<1.0	ND
	12/04/2009	7.67	35.85	<50	<0.50	<0.50	<0.50	<1.0	<1.0	ND
	05/21/2010	7.20	36.32	<50	<0.50	<0.50	<0.50	<1.0	39	ND
10/26/2010	8.22	35.30	<50	<0.50	<0.50	<0.50	<1.0	73	TBA=52	
MW-5 <43.75>	03/08/2007	6.98	36.77	<50	<0.50	<0.50	<0.50	<1.0	3.2	ND
	05/31/2007	7.02	36.73	<50	<0.50	<0.50	<0.50	<1.0	15	ND
	09/07/2007	9.20	34.55	<50	<0.50	<0.50	<0.50	<1.0	42	ND
	11/20/2007	8.04	35.71	<50	<0.50	<0.50	<0.50	<1.0	17	ND
	02/29/2008	7.27	36.48	<50	<0.50	<0.50	<0.50	<1.0	7.1	ND
	05/29/2008	10.08	33.67	<50	<0.50	<0.50	<0.50	<1.0	56	ND
	09/18/2008	10.35	33.40	<50	<0.50	<0.50	<0.50	<1.0	96	TAME=2.2
	12/02/2008	9.67	34.08	<50	<0.50	<0.50	<0.50	<0.50	58	ND
	02/27/2009	5.86	37.89	<50	1.0	<0.50	0.72	1.3	54	ND
	09/28/2009	10.09	33.66	200	<0.50	0.56	<0.50	<1.0	150	TAME=4.8
	12/04/2009	8.68	35.07	66	<0.50	<0.50	<0.50	<1.0	89	TAME=2.8
	05/21/2010	8.96	34.79	<50	<0.50	<0.50	<0.50	<1.0	8.6	ND
10/26/2010	9.64	34.11	<50	<0.50	<0.50	<0.50	<1.0	40	TBA=26	

Notes:

GW Elev = Groundwater mean sea level elevation
TPH-G = Total Petroleum Hydrocarbons as gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether

Oxygenates = 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 laboratory detection limits
<44.40> = Top of casing mean sea level elevation (Virgil Chavez Land
Survey 03/08/2007).

ATTACHMENT A
GROUNDWATER MONITORING FIELD DATA RECORDS

Groundwater Monitoring Field Sheet

Client Name Buschini

Project Name St. Francis Pie Shop

Sampling Personnel MAK

Date 10/26/2010

Weather Conditions Sunny, Cool

Well ID MW-1

Casing Diameter (inches) 0.75

Total Depth (feet) 19.8

Depth to Water 6.76

Depth to Free Product —

Water Column (ft) 13.04

Product Thickness ∅

One Well Volume (gal) 0.77

3x Well Volume (gal) 2.3

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 peristaltic pump
Sample Method		X	12V peristaltic pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1318							
1323	1	18.3	989		7.08		
1325	1.5	18.3	990		6.92		
1327	2.0	18.3	1,000		6.95		
1330	2.5	18.3	1,021		6.92		

SAMPLE OBSERVATIONS

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

Sample Time 1330

Sampler's Signature MAK

Groundwater Monitoring Field Sheet

Client Name Buschini
 Sampling Personnel MAR
 Weather Conditions Sunny, Cool

Project Name St. Francis Pie Shop
 Date 10/26/2010

Well ID MW-2
 Casing Diameter (inches) 0.75
 Depth to Water 6.23
 Water Column (ft) 13.37
 One Well Volume (gal) 0.79

Total Depth (feet) 19.6
 Depth to Free Product —
 Product Thickness d
 3x Well Volume (gal) 2.4

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 peristaltic pump
Sample Method		1	12V peristaltic pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1342		19.3	996	/	6.68	/	
1347	1.0	19.3	996	/	6.68	/	
1350	1.5	19.0	1,057	/	6.77	/	
1352	2.0	19.0	1,053	/	6.75	/	
1354	2.5	19.0	1,056	/	6.74	/	

SAMPLE OBSERVATIONS

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

Sample Time 1355

Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Buschini

Project Name St. Francis Pie Shop

Sampling Personnel MAR

Date 10/26/2010

Weather Conditions Sunny, Cool

Well ID MW-3

Casing Diameter (inches) 0.75

Total Depth (feet) 19.3

Depth to Water 7.69

Depth to Free Product —

Water Column (ft) 11.61

Product Thickness Φ

One Well Volume (gal) 0.68

3x Well Volume (gal) 2.1

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 peristaltic pump
Sample Method		X	12V peristaltic pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (μS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1130				/			
1132	0.5	18.4	941	/	6.82	/	
1134	1.0	18.3	923	/	6.82	/	
1137	1.5	18.2	944	/	6.77	/	
1139	2.0	18.2	966	/	6.74	/	

SAMPLE OBSERVATIONS

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

Sample Time 1140

Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Buschini

Project Name St. Francis Pie Shop

Sampling Personnel MAR

Date 10/26/2010

Weather Conditions Sunny, Cool

Well ID MW-4

Casing Diameter (inches) 0.75

Total Depth (feet) 19.5

Depth to Water 8.22

Depth to Free Product —

Water Column (ft) 11.28

Product Thickness ∅

One Well Volume (gal) 0.67

3x Well Volume (gal) 2.0

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 peristaltic pump
Sample Method		X	12V peristaltic pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1153				/		/	
1155	0.5	18.0	736	/	6.91	/	
1157	1.0	18.1	668	/	6.88	/	
1200	1.5	18.1	664	/	6.88	/	
1203	2.0	18.0	688 663	/	6.92	/	

SAMPLE OBSERVATIONS

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

Sample Time 1205

Sampler's Signature MAR

Groundwater Monitoring Field Sheet

Client Name Buschini

Project Name St. Francis Pie Shop

Sampling Personnel MAR

Date 10/26/2010

Weather Conditions Sunny, cool

Well ID MW-5

Casing Diameter (inches) 0.75

Total Depth (feet) 20.0

Depth to Water 9.64

Depth to Free Product —

Water Column (ft) 10.36

Product Thickness Ø

One Well Volume (gal) 0.61

3x Well Volume (gal) 1.8

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 peristaltic pump
Sample Method		X	12V peristaltic pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1219							
1222	0.5	19.1	1,064		6.82		
1224	1.0	19.3	1,077		6.75		
1227	1.5	19.2	1,081		6.73		
1229	2.0	19.2	1,078		6.73		

SAMPLE OBSERVATIONS

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

Sample Time 1230

Sampler's Signature MAR

ATTACHMENT B
LABORATORY DATA REPORTS AND
CHAIN-OF-CUSTODY RECORDS



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02 November 2010

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510
RE: St Francis Pie Shop

Enclosed are the results of analyses for samples received by the laboratory on 10/28/10 11:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John Shepler
Laboratory Director

SAMPLE RECEIVING REVIEW SHEET

BATCH # T001188

Client Name: GRIBI

Project: ST FRANCIS PIE SHOP

Received by: BRIAN

Date/Time Received: 10/28/10 11:45

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 4.8 °C +/- the CF (- 0.2°C) = 4.6 °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 10/28/10

Comments:



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

Project: St Francis Pie Shop
Project Number: 224-01-03
Project Manager: Jim Gribi

Reported:
11/02/10 16:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T001188-01	Water	10/26/10 13:30	10/28/10 11:45
MW-2	T001188-02	Water	10/26/10 13:55	10/28/10 11:45
MW-3	T001188-03	Water	10/26/10 11:40	10/28/10 11:45
MW-4	T001188-04	Water	10/26/10 12:05	10/28/10 11:45
MW-5	T001188-05	Water	10/26/10 12:30	10/28/10 11:45

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John Shepler, Laboratory Director



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Gribi Associates 1090 Adam Street, Suite K Benicia CA, 94510	Project: St Francis Pie Shop Project Number: 224-01-03 Project Manager: Jim Gribi	Reported: 11/02/10 16:22
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MW-1
T001188-01 (Water)

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

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	0102811	10/28/10	10/29/10	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	15	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	1300	500	"	50	"	"	11/01/10	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	10/29/10	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	1500	50	"	50	"	"	11/01/10	"	
C6-C12 (GRO)	300	50	"	1	"	"	10/29/10	"	
<i>Surrogate: Toluene-d8</i>		101 %		84.7-109	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %		83.5-119	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		90.6 %		81.1-136	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director



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Gribi Associates 1090 Adam Street, Suite K Benicia CA, 94510	Project: St Francis Pie Shop Project Number: 224-01-03 Project Manager: Jim Gribi	Reported: 11/02/10 16:22
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MW-2
T001188-02 (Water)

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

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	0102811	10/28/10	10/29/10	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	11	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	650	10	"	"	"	"	"	"	E-1
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	1800	25	"	25	"	"	11/01/10	"	
C6-C12 (GRO)	370	50	"	1	"	"	10/29/10	"	
<i>Surrogate: Toluene-d8</i>		104 %		84.7-109	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.9 %		83.5-119	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		85.8 %		81.1-136	"	"	"	"	

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MW-3
T001188-03 (Water)

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

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	0102811	10/28/10	11/01/10	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	75	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	110	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		97.2 %	84.7-109		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.2 %	83.5-119		"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	81.1-136		"	"	"	"	

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MW-4
T001188-04 (Water)

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

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	0102811	10/28/10	11/01/10	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	52	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	73	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.8 %	84.7-109		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	83.5-119		"	"	"	"	
Surrogate: Dibromofluoromethane		94.1 %	81.1-136		"	"	"	"	

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MW-5
T001188-05 (Water)

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

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	0102811	10/28/10	11/01/10	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	26	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	40	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.4 %	84.7-109		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.9 %	83.5-119		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.2 %	81.1-136		"	"	"	"	

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

Project: St Francis Pie Shop
 Project Number: 224-01-03
 Project Manager: Jim Gribi

Reported:
 11/02/10 16:22

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 0102811 - EPA 5030 GCMS

Blank (0102811-BLK1)

Prepared: 10/28/10 Analyzed: 10/29/10

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	"							
Ethanol	ND	500	"							
C6-C12 (GRO)	ND	50	"							
<i>Surrogate: Toluene-d8</i>	7.71		"	8.00		96.4	84.7-109			
<i>Surrogate: 4-Bromofluorobenzene</i>	8.15		"	8.00		102	83.5-119			
<i>Surrogate: Dibromofluoromethane</i>	7.25		"	8.00		90.6	81.1-136			

LCS (0102811-BS1)

Prepared: 10/28/10 Analyzed: 10/30/10

Chlorobenzene	24.1	1.0	ug/l	20.0		120	75-125			
1,1-Dichloroethene	21.5	1.0	"	20.0		107	75-125			
Trichloroethene	24.0	1.0	"	20.0		120	75-125			
Benzene	22.4	0.50	"	20.0		112	75-125			
Toluene	20.4	0.50	"	20.0		102	75-125			
<i>Surrogate: Toluene-d8</i>	7.20		"	8.00		90.0	84.7-109			
<i>Surrogate: 4-Bromofluorobenzene</i>	8.25		"	8.00		103	83.5-119			
<i>Surrogate: Dibromofluoromethane</i>	9.06		"	8.00		113	81.1-136			

LCS Dup (0102811-BSD1)

Prepared: 10/28/10 Analyzed: 10/30/10

Chlorobenzene	24.1	1.0	ug/l	20.0		121	75-125	0.124	20	
1,1-Dichloroethene	21.6	1.0	"	20.0		108	75-125	0.835	20	
Trichloroethene	23.5	1.0	"	20.0		117	75-125	2.11	20	
Benzene	22.3	0.50	"	20.0		112	75-125	0.224	20	
Toluene	20.2	0.50	"	20.0		101	75-125	0.937	20	
<i>Surrogate: Toluene-d8</i>	7.14		"	8.00		89.2	84.7-109			
<i>Surrogate: 4-Bromofluorobenzene</i>	7.25		"	8.00		90.6	83.5-119			
<i>Surrogate: Dibromofluoromethane</i>	8.90		"	8.00		111	81.1-136			

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John Shepler, Laboratory Director

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

Project: St Francis Pie Shop
Project Number: 224-01-03
Project Manager: Jim Gribi

Reported:
11/02/10 16:22

Notes and Definitions

- E-1 The final dilution was lower than the original data or previous dilutions. The highest recovered concentration was reported even though it was above calibration range.
- 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

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John Shepler, Laboratory Director