GRIBI
ASSOCIATES

February 4, 2010

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

Attention: Barbara Jakub

Subject: Fourth Quarter 2009 Groundwater Monitoring Report
1125 67th Street Oakland, Ca
ACDEH Site No. RO2602, Global ID: T0600109444

Ladies and Gentlemen:

Gribi Associates is pleased to submit this Fourth Quarter 2009 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 December 4, 2009.

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 December 4, 2009.
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 6.35 feet (MW-2) to 8.68 feet (MW-5).
2. Groundwater elevations ranged from 35.07 feet above means sea level (msl) (MW-5) to 37.28 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 overexcavation) 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 2010.

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,

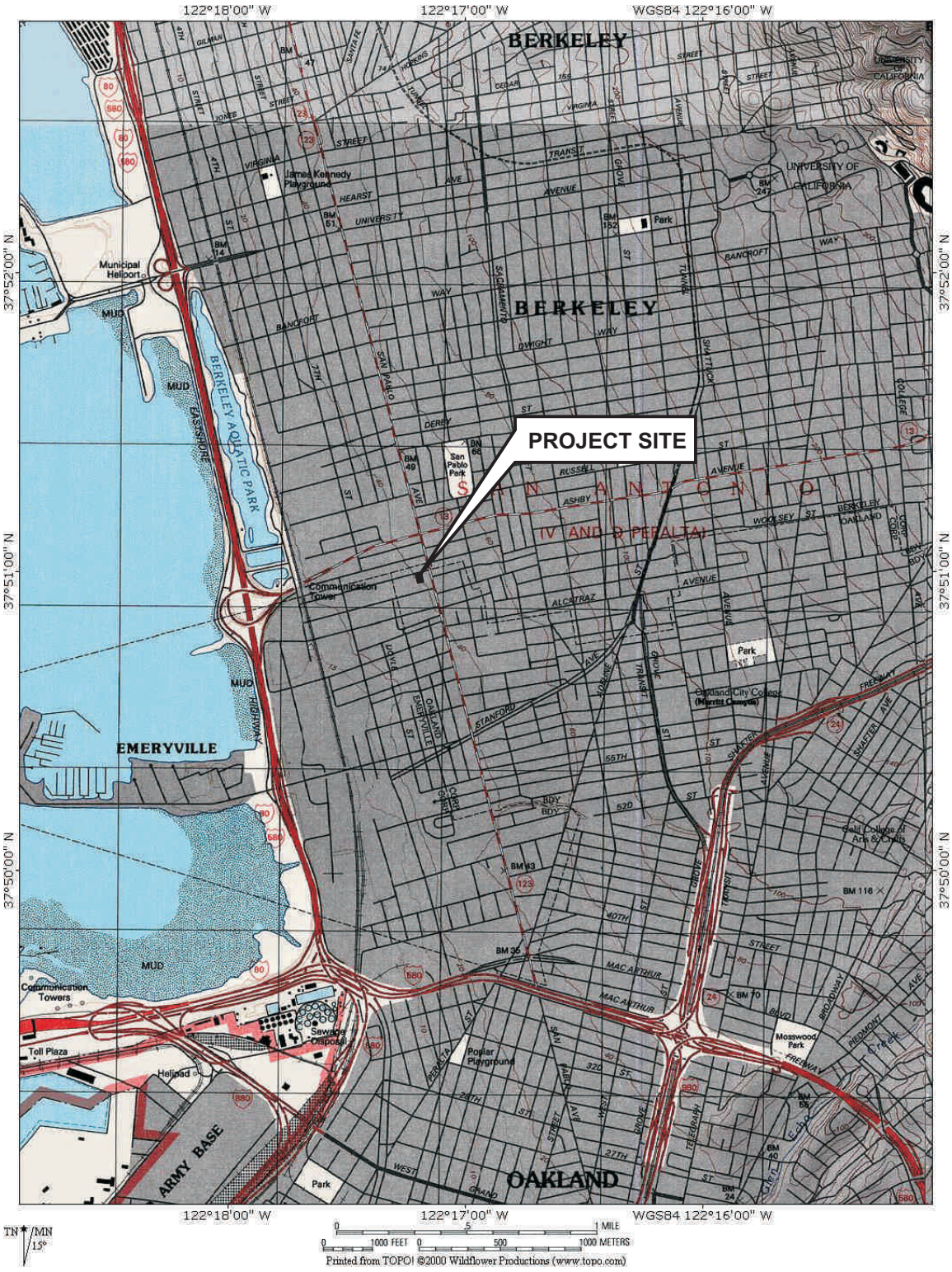
Matthew A. Rosman
Project Engineer

James E. Gribi
Professional Geologist
California No. 5843

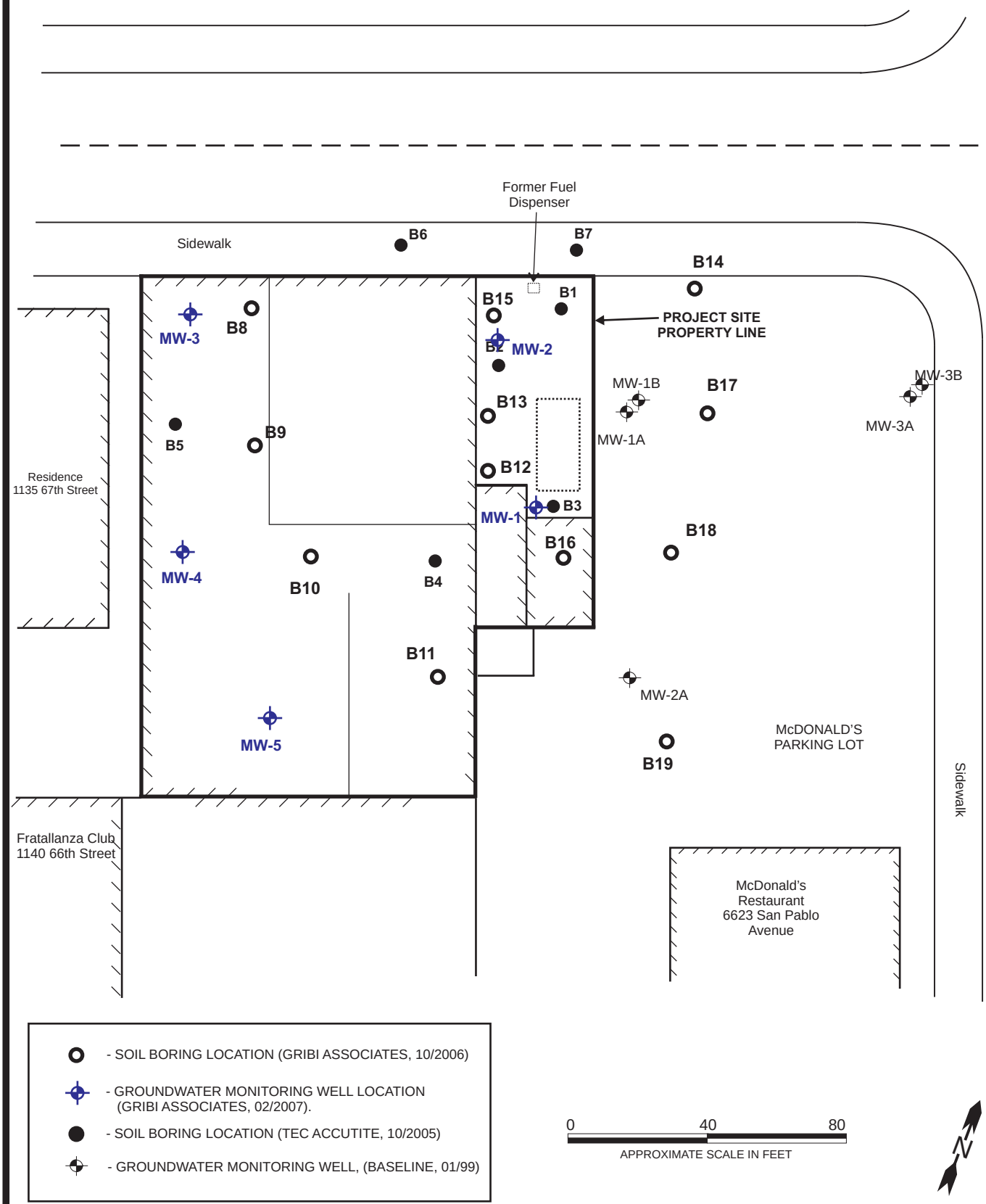
Enclosure

cc: Mr. John Buschini, Jr.

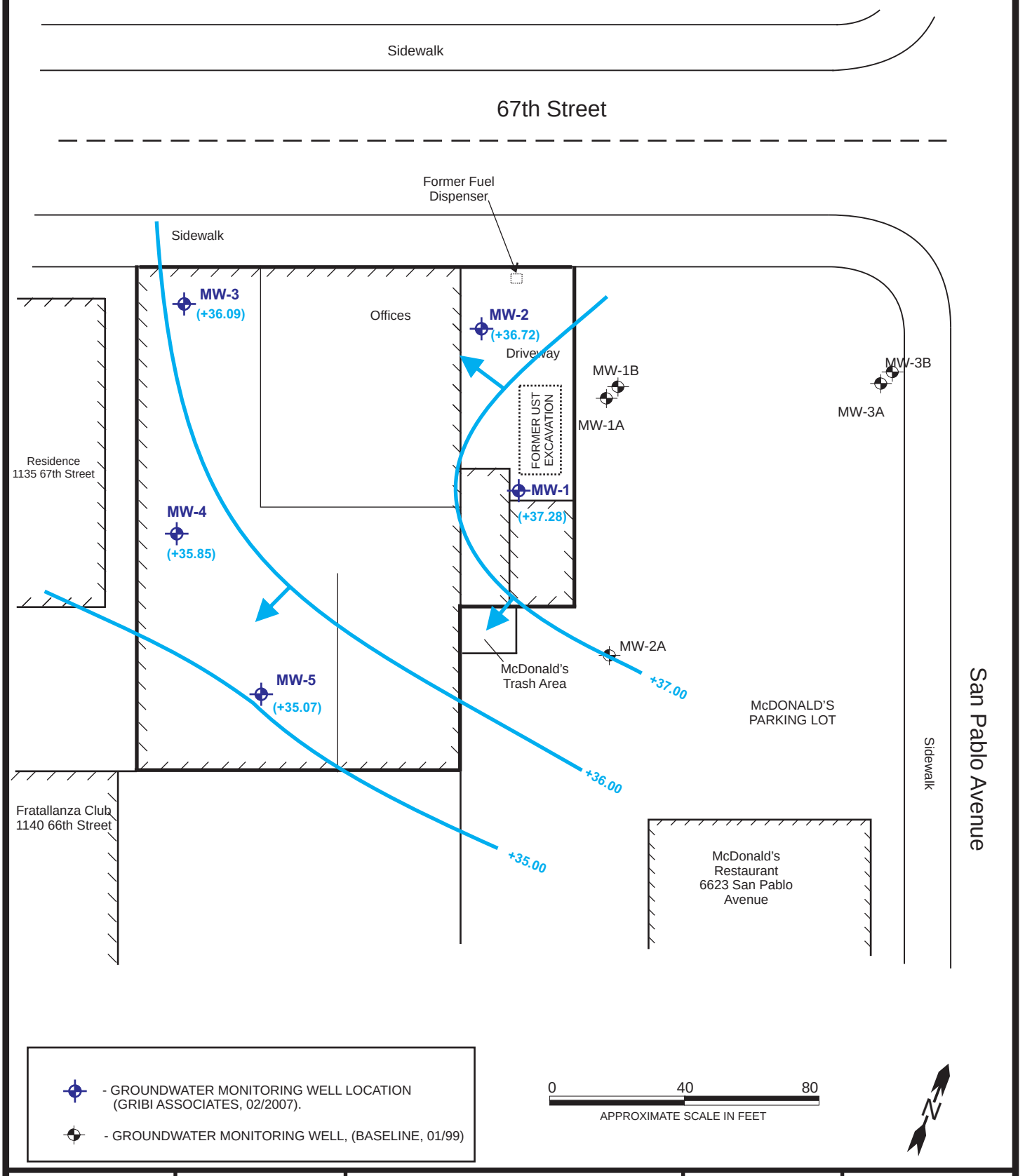
FIGURES



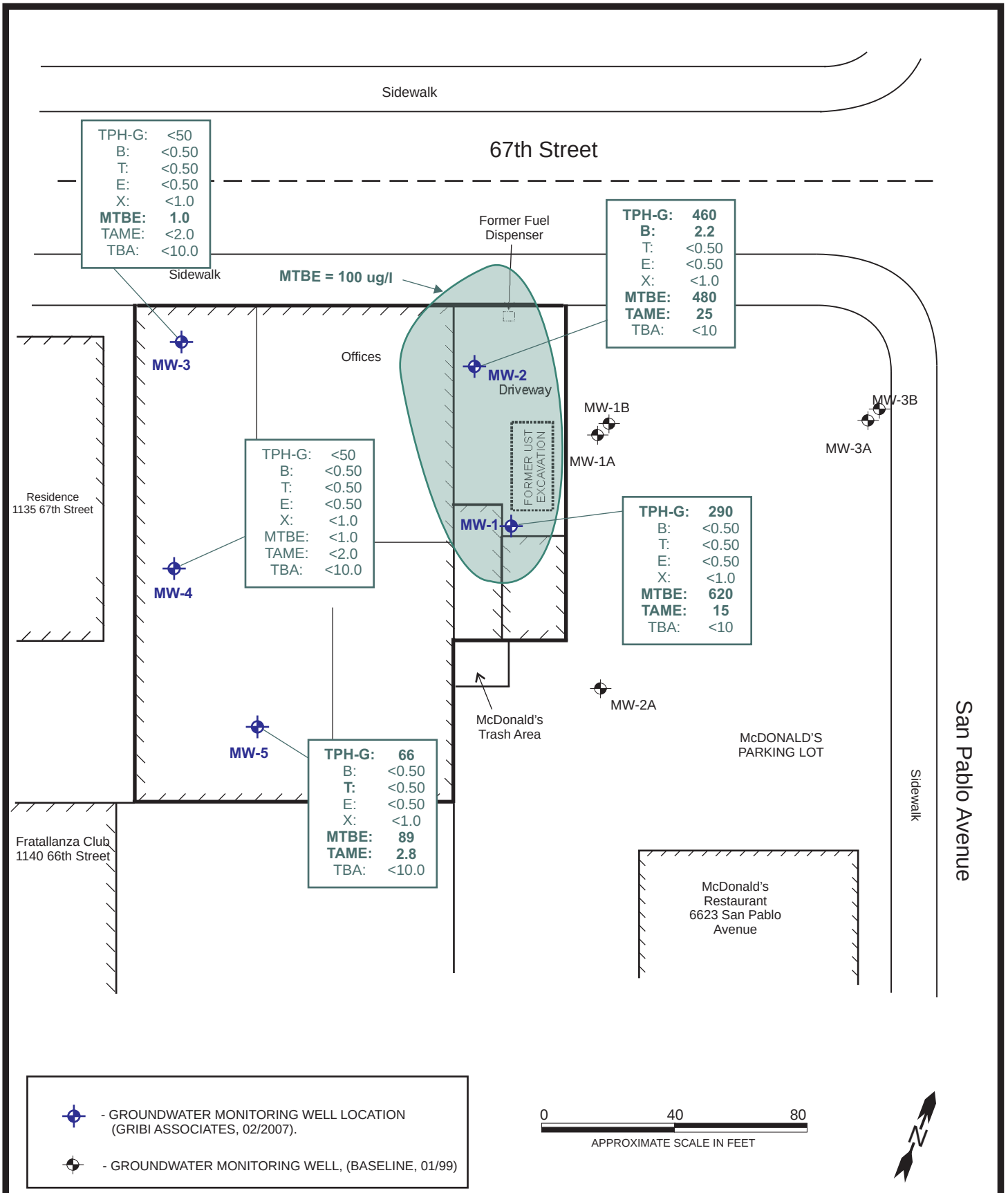
DESIGNED BY:	CHECKED BY: JEG	**SITE VICINITY MAP**	DATE: 02/04/2010	FIGURE: **1**
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI	
PROJECT NO:				



DESIGNED BY:	CHECKED BY: JEG	**SITE PLAN**	DATE: 02/04/2010
DRAWN BY: JEG	SCALE:		FIGURE: **2**
PROJECT NO:		ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI



DESIGNED BY:	CHECKED BY: JEG	**GROUNDWATER ELEVATION GRADIENT- 12/04/2009**	DATE: 02/04/2010 / FIGURE: **3**
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI
PROJECT NO:			



DESIGNED BY:	CHECKED BY: JEG	**GROUNDWATER HYDROCARBON RESULTS - 12/04/2009**	DATE: 02/04/2010 / FIGURE: **4**
DRAWN BY: JEG	SCALE:	ST. FRANCIS PIE SHOP UST SITE 1125 67TH STREET OAKLAND, CALIFORNIA	GRIBI
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*	*Oxy*
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**
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**
MW-3	03/08/2007	5.79	37.63	<50	<0.50	<0.50	<0.50	<1.0	**11**	ND
<43.42>	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

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*	*Oxy*
MW-4	03/08/2007	5.42	38.10	<50	<0.50	<0.50	<0.50	<1.0	**5.6**	ND
<43.52>	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
MW-5	03/08/2007	6.98	36.77	<50	<0.50	<0.50	<0.50	<1.0	**3.2**	ND
<43.75>	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**

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

ATTACHMENT A

GROUNDWATER MONITORING FIELD DATA RECORDS

Ground Water Monitoring Field Sheet

Site SFPS

Project Number

Sampling Personnel AJG

Date 12/4/09

Weather Conditions SUN

Well ID MW-1

Casing Diameter (inches) 3/4"

Depth to Water (ft) 7.12

Total Depth (ft) 20

Water Column (ft) 12.88

One Well Volume (gal)

3X Well Volume (gal) 2

Notes:

One Well Volume is determined by multiplying "Water Column" by:

* 0.059 for ¾ 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 (check appropriate box)

Activity	Bailer	Pump	Comments
PURGE		X	PERIST. PUMP

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
15:58	1	18.71	1115	5.77	8.23	89.1	
7:00	1½	18.55	1091	0.71	8.15	58.2	

Sample Observations

Characteristic	None	Slight	Moderate	Strong	Comments
Color	✓				
Odor			✓		
Turbidity	✓				
Sheen	✓				
Floating Particles					
Precipitate					

Sample Time 7:00

Sampler's Signature

Ground Water Monitoring Field Sheet

Site SFPS

Project Number

Sampling Personnel AJG

Date 12/4/09

Weather Conditions SUN

Well ID MW-2

Casing Diameter (inches) 3/4"

Depth to Water (ft) 6.35

Total Depth (ft) 20

Water Column (ft) 13.45

One Well Volume (gal)

3X Well Volume (gal) 2

Notes:

One Well Volume is determined by multiplying "Water Column" by:

* 0.059 for ¾ 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 (check appropriate box)

Activity	Bailer	Pump	Comments
PURGE		X	PORTABT. PUMP

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
11:50	1	19.23	1243	5.01	8.05		
12:00	1	19.18	1178	1.03	8.11		

Sample Observations

Characteristic	None	Slight	Moderate	Strong	Comments
Color	✓				
Odor	✓	✓			
Turbidity	✓				
Sheen	✓				
Floating Particles					
Precipitate					

Sample Time 12:00

Sampler's Signature

Ground Water Monitoring Field Sheet

Site SFPS

Project Number _____

Sampling Personnel AJG

Date 12/4/09

Weather Conditions SUN

Well ID MW-3

Casing Diameter (inches) 3/4"

Depth to Water (ft) 7.33

Total Depth (ft) 20'

Water Column (ft) 12.67

One Well Volume (gal) _____

3X Well Volume (gal) 7

Notes:
One Well Volume is determined by multiplying "Water Column" by:
* 0.059 for ¾ 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 (check appropriate box)

Activity	Bailer	Pump	Comments
None		✓	PERIST. PUMP

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
6:55	1	19.01	1300	10.23	8.00		
7:00	1	18.72	1128	2.17	8.06		

Sample Observations

Characteristic	None	Slight	Moderate	Strong	Comments
Color	✓				
Odor	✓				
Turbidity	✓				
Sheen	✓				
Floating Particles					
Precipitate					

Sample Time 7:00

Sampler's Signature 

Ground Water Monitoring Field Sheet

Site SFPS

Project Number

Sampling Personnel AJG

Date 12/4/09

Weather Conditions SUN

Well ID MW-4

Casing Diameter (inches) 3/4"

Depth to Water (ft) 7.67

Total Depth (ft) 20'

Water Column (ft) 12.33

One Well Volume (gal)

3X Well Volume (gal) 2

Notes:

One Well Volume is determined by multiplying "Water Column" by:

* 0.059 for ¾ 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 (check appropriate box)

Activity	Bailer	Pump	Comments
Purge		X	Plast. Pump

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
8:20	1	18.65		5.11	8.20		
8:30	1	18.51		1.01	8.17		

Sample Observations

Characteristic	None	Slight	Moderate	Strong	Comments
Color	–				
Odor	–				
Turbidity	–				
Sheen	–				
Floating Particles					
Precipitate					

Sample Time 8:30

Sampler's Signature

Ground Water Monitoring Field Sheet

Site SFPS

Project Number

Sampling Personnel AJG

Date 12/4/24

Weather Conditions SUN

Well ID MW-5

Casing Diameter (inches) 3/4"

Depth to Water (ft) 8.68

Total Depth (ft) 20'

Water Column (ft) 11.32

One Well Volume (gal)

3X Well Volume (gal) 2

Notes:

One Well Volume is determined by multiplying "Water Column" by:

* 0.059 for ¾ 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 (check appropriate box)

Activity	Bailer	Pump	Comments
Purge		x	Palas Pump

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
9:52	1	20.01	1172		8.11		
10:00	1	19.72	1133		8.10		

Sample Observations

Characteristic	None	Slight	Moderate	Strong	Comments
Color	/				
Odor	/				
Turbidity	/				
Sheen	/				
Floating Particles					
Precipitate					

Sample Time 10:00

Sampler's Signature

ATTACHMENT B

LABORATORY DATA REPORTS AND CHAIN-OF-CUSTODY RECORDS

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

11 December 2009

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 12/08/09 14:16. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John Shepler
Laboratory Director

SunStar Laboratories, Inc.
3002 Dow Ave, Suite 212
Tustin, CA 92780
1-800-781-6777

Chain of Custody Record

Client: GRIBI ASSOCIATES
Address: 1090 ADAMS STREET, SUITE K
Phone: (707) 748-7743 Fax: (707) 748-7763
Project Manager: JAMES GRIBI

Date: 12/7/09 Page: Of
Project Name: ST. FRANCIS PIE SHOP
Collector: AARON GARCIA Client Project #:
Batch #: T901180 Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Gas (M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List)	Halogenated VOCs (8260B)		Laboratory ID #	Preservative	Comments	Total # of containers
MW-1	12/4/09	12:00	WATER	VOA					X			X					01		STD. TAT 12/8/09 BC	5
MW-2		12:00							X			X					02			
MW-3		1:00							X			X					03			
MW-4		8:30							X			X					04			
MW-5	"	10:00	"	"					X			X					05			

Relinquished by: (signature)	Date / Time 12/7/09 10:05	Received by: (signature)	Date / Time 12/7 1005
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature) GSO	Date / Time 12/8/09 1416	Received by: (signature)	Date / Time 12/8/09 1416

Total # of containers	20
Chain of Custody seals Y/N/NA	Y
Seals intact? Y/N/NA	Y
Received good condition/cold	1.6

Turn around time: _____

Notes: NEED EDF FILE

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: 224-01-03	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/11/09 15:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T901180-01	Water	12/04/09 14:00	12/08/09 14:16
MW-2	T901180-02	Water	12/04/09 12:00	12/08/09 14:16
MW-3	T901180-03	Water	12/04/09 07:00	12/08/09 14:16
MW-4	T901180-04	Water	12/04/09 08:30	12/08/09 14:16
MW-5	T901180-05	Water	12/04/09 10:00	12/08/09 14:16

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Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: 224-01-03	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/11/09 15:33

MW-1

T901180-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.50	ug/l	1	9120804	12/08/09	12/11/09	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	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**620**	50	"	50	"	"	12/11/09	"	
C6-C12 (GRO)	**290**	50	"	1	"	"	12/11/09	"	
Surrogate: Toluene-d8		*91.8 %*	*84.7-109*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*131 %*	*81.1-136*		"	"	"	"	

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Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: 224-01-03	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/11/09 15:33

MW-2

T901180-02 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**2.2**	0.50	ug/l	1	9120804	12/08/09	12/11/09	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	**25**	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**480**	100	"	100	"	"	12/11/09	"	
C6-C12 (GRO)	**460**	50	"	1	"	"	12/11/09	"	
Surrogate: Toluene-d8		*104 %*	*84.7-109*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*119 %*	*81.1-136*		"	"	"	"	

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MW-3

T901180-03 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.50	ug/l	1	9120804	12/08/09	12/10/09	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	**1.0**	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*	*84.7-109*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*81.1-136*		"	"	"	"	

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1090 Adam Street, Suite K	Project Number: 224-01-03	**Reported:**
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MW-4

T901180-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.50	ug/l	1	9120804	12/08/09	12/10/09	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		*101 %*	*84.7-109*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*122 %*	*81.1-136*		"	"	"	"	

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Benicia CA, 94510	Project Manager: Jim Gribi	12/11/09 15:33

MW-5

T901180-05 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.50	ug/l	1	9120804	12/08/09	12/10/09	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	**2.8**	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**89**	25	"	25	"	"	12/11/09	"	
C6-C12 (GRO)	**66**	50	"	1	"	"	12/10/09	"	
Surrogate: Toluene-d8		*97.4 %*	*84.7-109*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*81.1-136*		"	"	"	"	

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1090 Adam Street, Suite K	Project Number: 224-01-03	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/11/09 15:33

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 9120804 - EPA 5030 GCMS										
Blank (9120804-BLK1)				Prepared: 12/08/09 Analyzed: 12/10/09						
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	*8.13*		*"*	*8.00*		*102*	*84.7-109*			
Surrogate: 4-Bromofluorobenzene	*7.79*		*"*	*8.00*		*97.4*	*83.5-119*			
Surrogate: Dibromofluoromethane	*8.82*		*"*	*8.00*		*110*	*81.1-136*			
LCS (9120804-BS1)				Prepared: 12/08/09 Analyzed: 12/11/09						
Chlorobenzene	20.2	1.0	ug/l	20.0		101	75-125			
1,1-Dichloroethene	20.3	1.0	"	20.0		101	75-125			
Trichloroethene	16.7	1.0	"	20.0		83.4	75-125			
Benzene	17.7	0.50	"	20.0		88.6	75-125			
Toluene	17.2	0.50	"	20.0		86.0	75-125			
Surrogate: Toluene-d8	*7.65*		*"*	*8.00*		*95.6*	*84.7-109*			
Surrogate: 4-Bromofluorobenzene	*8.94*		*"*	*8.00*		*112*	*83.5-119*			
Surrogate: Dibromofluoromethane	*9.05*		*"*	*8.00*		*113*	*81.1-136*			
LCS Dup (9120804-BSD1)				Prepared: 12/08/09 Analyzed: 12/11/09						
Chlorobenzene	20.5	1.0	ug/l	20.0		103	75-125	1.77	20	
1,1-Dichloroethene	19.7	1.0	"	20.0		98.3	75-125	3.06	20	
Trichloroethene	16.5	1.0	"	20.0		82.4	75-125	1.21	20	
Benzene	18.0	0.50	"	20.0		90.2	75-125	1.73	20	
Toluene	17.0	0.50	"	20.0		85.0	75-125	1.23	20	
Surrogate: Toluene-d8	*7.56*		*"*	*8.00*		*94.5*	*84.7-109*			
Surrogate: 4-Bromofluorobenzene	*8.68*		*"*	*8.00*		*108*	*83.5-119*			
Surrogate: Dibromofluoromethane	*9.16*		*"*	*8.00*		*114*	*81.1-136*			

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Gribi Associates	Project: St Francis Pie Shop	
1090 Adam Street, Suite K	Project Number: 224-01-03	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/11/09 15:33

Notes and Definitions

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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