January 29, 2013

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

Attention: Mark Detterman

Subject: Fourth Quarter 2012 Groundwater Monitoring Report
3800 San Pablo Avenue, Emeryville, California
ACDEH Fuel Leak Case: RO00002520; Global ID: T06019788682

Ladies and Gentlemen:

Attached please find a copy of the *Fourth Quarter 2012 Groundwater Monitoring* 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,

William H Banker

William H. Banker, Jr.
San Pablo Avenue Venture
c/o Banker, Marks & Kirk
1720 Broadway, Suite 202
Oakland, CA 94612

GRIBI
ASSOCIATES

January 29, 2013

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

Attention: Mark Detterman

Subject: Fourth Quarter 2012 Groundwater Monitoring Report
3800 San Pablo Avenue, Emeryville, California
ACDEH Fuel Leak Case: RO00002520; Global ID: T06019788682

Ladies and Gentlemen:

Gribi Associates is pleased to submit this Fourth Quarter 2012 Groundwater Monitoring Report on behalf San Pablo Avenue Venture for the property located at 3800 San Pablo Avenue in Emeryville, California (see Figure 1 and Figure 2). This letter report documents the monitoring and sampling of four site wells on November 9, 2012.

DESCRIPTION OF SAMPLING ACTIVITIES

1. Gribi Associates personnel conducted groundwater monitoring and sampling activities for four site wells (MW-1, MW-2, MW-3, MW-4) on November 9, 2012
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 8.06 feet (MW-4) to 9.72 feet (MW-1).
2. Groundwater elevations ranged from 29.24 feet above means sea level (msl) (MW-1) to 30.42 feet msl (MW-4).
3. Groundwater flow direction is to the northeast at a gradient of about 0.011 ft/ft.
4. Groundwater elevations and contours are shown on Figure 2.

Laboratory Analytical Results

1. Groundwater samples from the four 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, and Xylenes (BTEX)
   c. USEPA 8260B Oxygenates (DIPE, ETBE, MTBE, TAME, TBA)
2. Groundwater analytical results are summarized in Table 1.
3. Groundwater hydrocarbon results for this monitoring event are summarized on Figure 3.
4. The laboratory analytical data report and chain-of custody are provided as Attachment B.

CONCLUSIONS

1. During the three groundwater monitoring events, groundwater elevation gradient direction has varied from southwest, to northwest, to northeast.
   a. Although the groundwater flow direction has varied, the hydrocarbon plume configuration seems to show a well-defined southwest flow direction.
   b. Additional groundwater monitoring is needed to better define groundwater elevation gradient trends.
2. Groundwater laboratory analytical results from this monitoring event continue to show elevated hydrocarbon levels in all four site monitoring wells.
   a. Respective groundwater TPH-G and benzene concentrations reported in the four wells were 15,000 micrograms per liter (ug/L) and 1,200 ppb at MW-1; 17,000 ug/L and 750 ug/L at MW-2; 17,000 ug/L and 2,000 ug/l at MW-3; and 11,000 ug/l and 110 ug/L at MW-4.

PLANNED ACTIVITIES

1. Gribi Associates plans to conduct a quarterly groundwater monitoring and sampling event during the first quarter of 2013.

2. Gribi Associates plans to conduct additional investigative and pilot test activities within the next two to three months.

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,

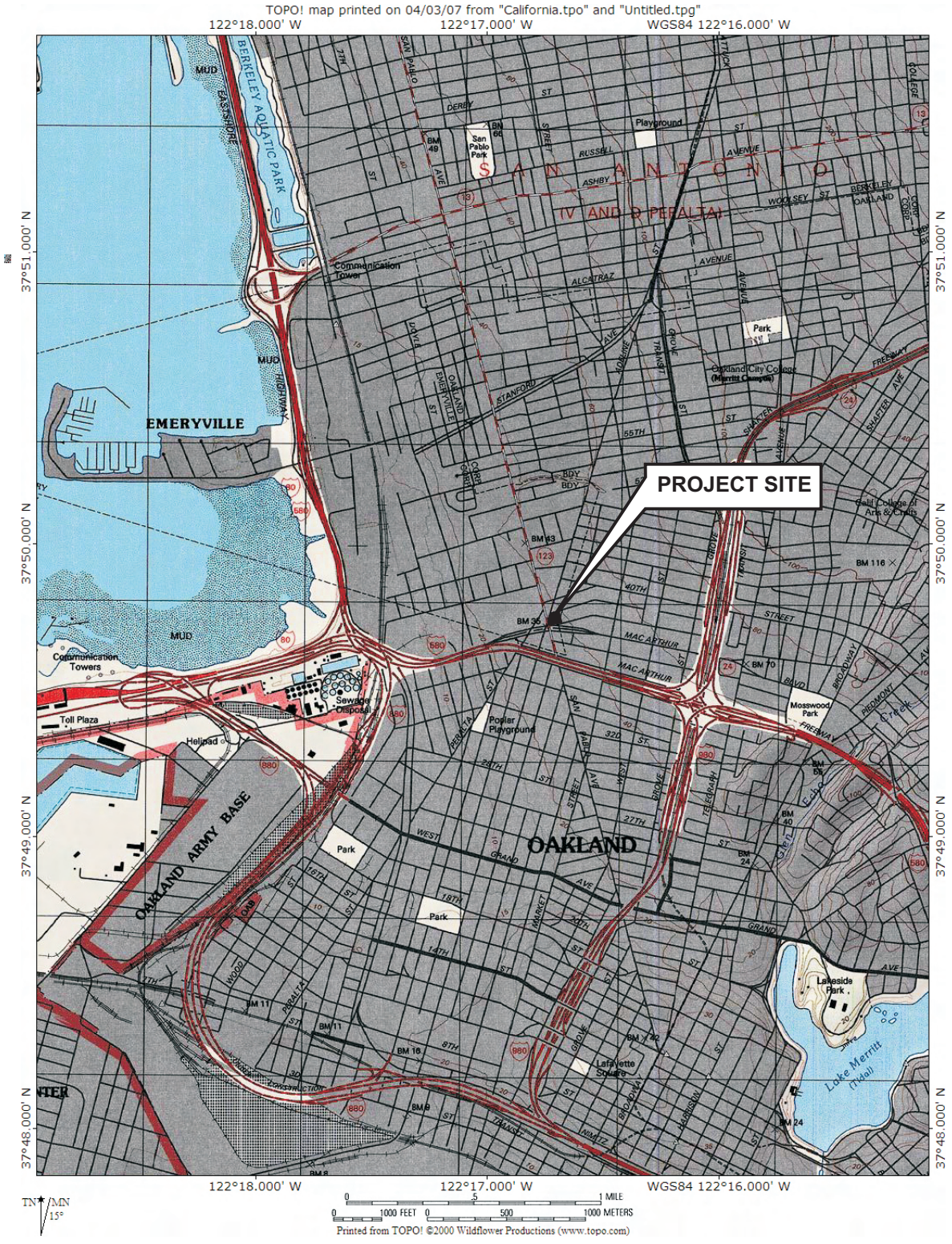
Matthew A. Rosman
Project Engineer

James E. Gribi
Professional Geologist
California No. 5843

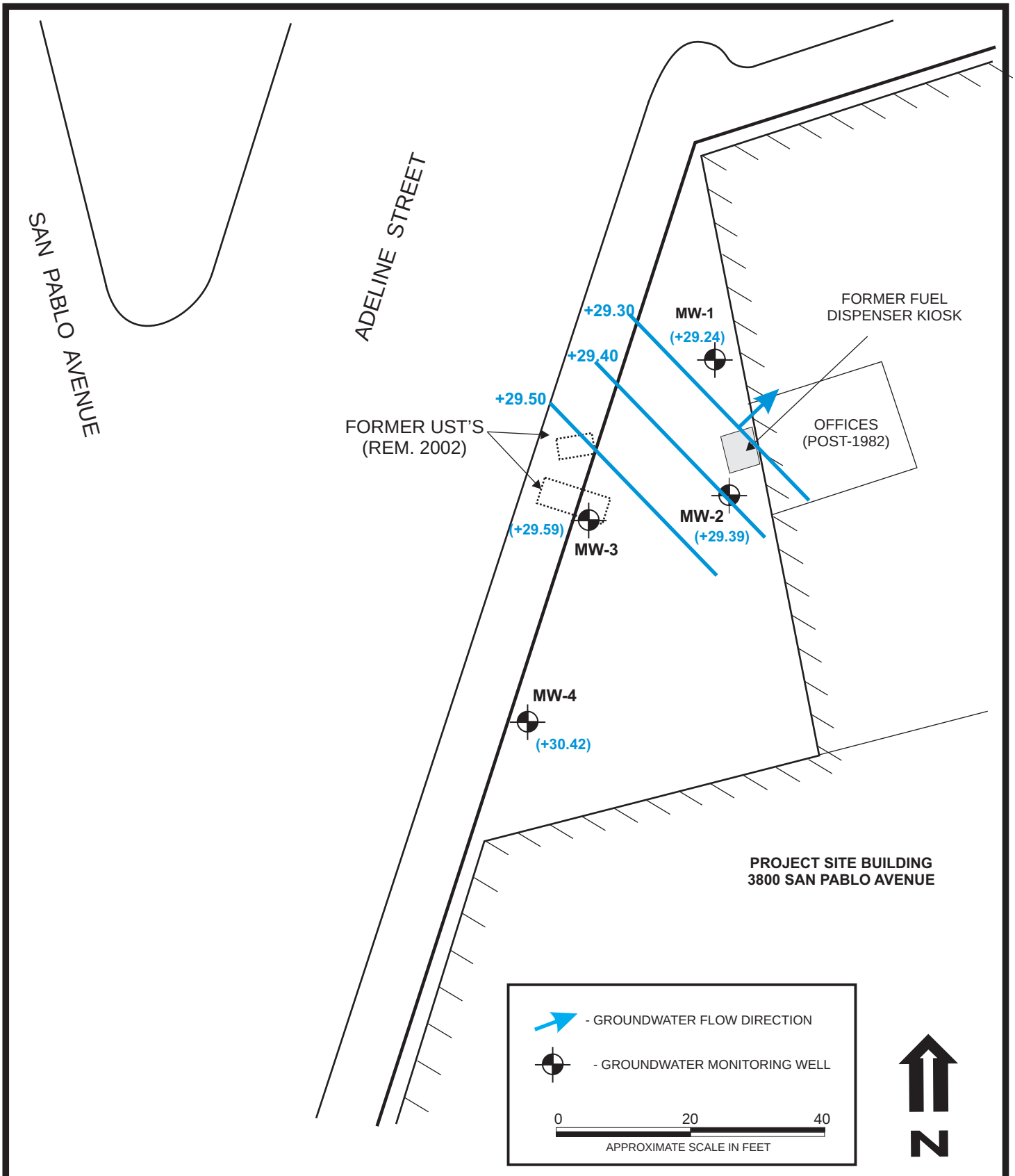
Enclosure

c: Mrs. Elaine Kirk, San Pablo Avenue Venture

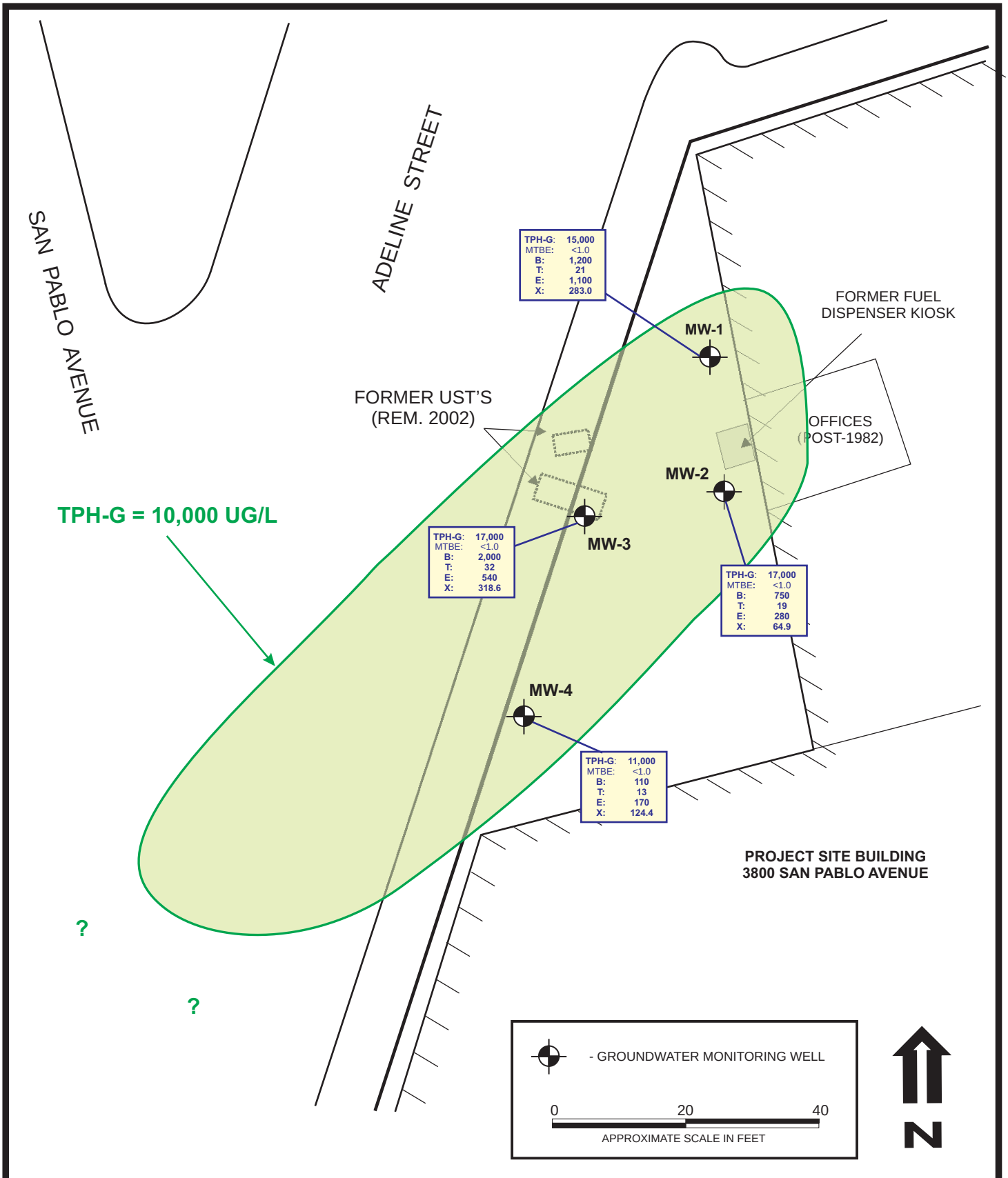
FIGURES



DESIGNED BY:	CHECKED BY:	**SITE VICINITY MAP**	DATE: 01/29/2013	FIGURE: 1
DRAWN BY: JG	SCALE:			
PROJECT NO:		3800 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA		



DESIGNED BY:	CHECKED BY:	**GROUNDWATER ELEVATION GRADIENT - 11/09/2012**	DATE: 01/29/2013	FIGURE: **2**
DRAWN BY: JG	SCALE:	3800 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA	GRIBI	
PROJECT NO:				



DESIGNED BY:	CHECKED BY:	**GROUNDWATER HYDROCARBON CONCENTRATIONS - 11/09/2012** 3800 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA	DATE: 01/29/2013	FIGURE: 3
DRAWN BY: JG	SCALE:		GRIBI	
PROJECT NO:				

TABLE

Table 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Maz Glass UST Site

Sample ID	*Sample Date*	*GW Depth*	*GW Elev.*	*Concentration, micrograms per liter (ug/l)*					
				TPH-G	*B*	*T*	*E*	*X*	*OXY*
MW-1	05/18/12	8.42	30.54	**17,000**	**1,300**	**29**	**770**	**260**	All ND
<38.96>	09/13/12	10.55	28.41	**13,000**	**630**	**10**	**780**	**86.7**	All ND
	11/09/122	9.72	29.24	**15,000**	**1,200**	**21**	**1,100**	**283**	All ND
MW-2	05/18/12	8.78	30.18	**10,000**	**610**	**26**	**340**	**69**	All ND
<38.96>	09/13/12	10.64	28.32	**11,000**	**990**	**27**	**460**	**42.9**	All ND
	11/09/12	9.57	29.39	**17,000**	**750**	**19**	**280**	**64.9**	All ND
MW-3	05/18/12	8.61	30.23	**13,000**	**1,400**	**36**	**350**	**378**	All ND
<38.84>	09/13/12	10.30	28.54	**12,000**	**1,800**	**25**	**680**	**565.5**	All ND
	11/09/12	9.25	29.59	**17,000**	**2,000**	**32**	**540**	**318.6**	All ND
MW-4	05/18/12	8.28	30.20	**10,000**	**82**	**32**	**330**	**278**	All ND
<38.48>	09/13/12	8.80	29.68	**10,000**	**110**	**24**	**270**	**178.1**	All ND
	11/09/12	8.06	30.42	**11,000**	**110**	**13**	**170**	**124.4**	All ND

TABLE NOTES

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

OXY = Oxygenates, including MTBE = Methyl-t-Butyl Ether, ter-Butanol (TBA), Di-isopropyl Ether (DIPE), Ethyl-t-butyl Ether (ETBE), and Tert-amyl Methyl Ether (TAME).
<38.96> = Top of casing mean sea level elevation (Virgil Chavez Land Survey).
<0.50 = Not detected above the expressed value.

ATTACHMENT A

GROUNDWATER MONITORING FIELD DATA RECORDS

Groundwater Gauging Field Sheet

Client Name: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Field Personnel: M. Rosmon
Date: 11/09/2012
Weather Conditions: PC, cold

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	—	9.72	38.96	29.24	22.7	
MW-2	—	9.57	38.96	29.39	22.8	
MW-3	—	9.25	38.84	29.59	22.8	
MW-4	—	8.06	38.48	30.42	22.8	

Groundwater Monitoring Field Sheet

Client Name: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Sampling Personnel: MMR
Date: 11/09/2012
Weather Conditions: PC, cold

Well ID: MW-1
Casing Diameter (inches): 2.0
Total Depth (feet): 22.7
Depth to Water: 9.72
Depth to Free Product: —
Water Column (ft): 12.98
Product Thickness: 0
One Well Volume (gal): 2.20
3x Well Volume (gal): 6.6

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
1049							
1051	2	19.7	1.34		6.57		
1053	4	19.4	1.35		6.55		
1055	6	19.2	1.40		6.57		
1056	7	19.2	1.39		6.54		

SAMPLE OBSERVATIONS

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

Sample Time: 1100
Sampler's Signature: MMR

Groundwater Monitoring Field Sheet

Client Name: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Sampling Personnel: MAR
Date: 11/09/2012
Weather Conditions: PC, cold

Well ID: MW-2
Casing Diameter (inches): 2.0
Total Depth (feet): 22.8
Depth to Water: 9.57
Depth to Free Product: —
Water Column (ft): 13.23
Product Thickness: Ø
One Well Volume (gal): 2.25
3x Well Volume (gal): 6.7

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

FIELD METHODS

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

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1027							
1029	2	19.4	1.36		6.57		
1031	4	19.4	1.30		6.53		
1033	6	19.1	1.35		6.54		
1034	7	19.0	1.35		6.55		

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color		X			grey-brown
Odor			X		HC
Turbidity		X →			
Sheen	X				
Other:					

Sample Time: 1035
Sampler's Signature: MAR

Groundwater Monitoring Field Sheet

Client Name: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Sampling Personnel: MAR
Date: 11/09/2012
Weather Conditions: PC, cool

Well ID: MW-3
Casing Diameter (inches): 2.0
Total Depth (feet): 22.8
Depth to Water: 9.25
Depth to Free Product: —
Water Column (ft): 13.55
Product Thickness: Ø
One Well Volume (gal): 2.3
3x Well Volume (gal): 6.9

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

FIELD METHODS

Activity	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
1117							
1120	2	19.8	1.47		6.55		
1122	4	20.3	1.48		6.51		
1124	6	20.0	1.47		6.57		
1125	7	19.7	1.48		6.54		

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: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Sampling Personnel: MAR
Date: 11/09/2010
Weather Conditions: PC, cold

Well ID: MW-4
Casing Diameter (inches): 2.0
Total Depth (feet): 22.8
Depth to Water: 8.06
Depth to Free Product: —
Water Column (ft): 14.74
Product Thickness: Ø
One Well Volume (gal): 2.51
3x Well Volume (gal): 7.5

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. (µS/cm)*	*D.O. (mg/L)*	*pH*	*ORP (mV)*	*Comments*
1002							
1004	2	19.0	1.16		6.49		
1007	4	19.2	1.17		6.51		
1009	6	19.1	1.17		6.49		
1012	8	19.0	1.17		6.49		

SAMPLE OBSERVATIONS

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

Sample Time: 1015
Sampler's Signature: MAR

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

26 November 2012

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

RE: Maz Glass

Enclosed are the results of analyses for samples received by the laboratory on 11/14/12 10:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
Project Manager

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: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	11/26/12 13:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T122094-01	Water	11/09/12 11:00	11/14/12 10:30
MW-2	T122094-02	Water	11/09/12 10:35	11/14/12 10:30
MW-3	T122094-03	Water	11/09/12 11:25	11/14/12 10:30
MW-4	T122094-04	Water	11/09/12 10:15	11/14/12 10:30

SunStar Laboratories, Inc.

Daniel Chavez, Project Manager

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: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	11/26/12 13:21

MW-1
T122094-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**1200**	50	ug/l	100	2111511	11/15/12	11/16/12	EPA 8260B	
Toluene	**21**	0.50	"	1	"	"	"	"	
Ethylbenzene	**1100**	50	"	100	"	"	"	"	
m,p-Xylene	**280**	100	"	"	"	"	"	"	
o-Xylene	**3.0**	0.50	"	1	"	"	"	"	
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)	**15000**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*109 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.9 %*	*81.1-136*		"	"	"	"	*S-GC*

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: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	11/26/12 13:21

MW-2
T122094-02 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**750**	50	ug/l	100	2111511	11/15/12	11/16/12	EPA 8260B	
Toluene	**19**	0.50	"	1	"	"	"	"	
Ethylbenzene	**280**	50	"	100	"	"	"	"	
m,p-Xylene	**62**	1.0	"	1	"	"	"	"	
o-Xylene	**2.9**	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)	**17000**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*72.5 %*	*81.1-136*		"	"	"	"	*S-GC*

SunStar Laboratories, Inc.
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25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	11/26/12 13:21

MW-3
T122094-03 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**2000**	50	ug/l	100	2111511	11/15/12	11/16/12	EPA 8260B	
Toluene	**32**	0.50	"	1	"	"	"	"	
Ethylbenzene	**540**	50	"	100	"	"	"	"	
m,p-Xylene	**310**	100	"	"	"	"	"	"	
o-Xylene	**8.6**	0.50	"	1	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**50**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	**17000**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*75.0 %*	*81.1-136*		"	"	"	"	*S-GC*

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

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: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	11/26/12 13:21

MW-4
T122094-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**110**	0.50	ug/l	1	2111511	11/15/12	11/16/12	EPA 8260B	
Toluene	**13**	0.50	"	"	"	"	"	"	
Ethylbenzene	**170**	0.50	"	"	"	"	"	"	E-1
m,p-Xylene	**120**	1.0	"	"	"	"	"	"	
o-Xylene	**4.4**	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)	**11000**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*84.8 %*	*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

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: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	11/26/12 13:21

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 2111511 - EPA 5030 GCMS										
Blank (2111511-BLK1)				Prepared: 11/15/12 Analyzed: 11/16/12						
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	*8.27*		"	*8.00*		*103*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.36*		"	*8.00*		*92.0*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.89*		"	*8.00*		*98.6*	*81.1-136*			
LCS (2111511-BS1)				Prepared: 11/15/12 Analyzed: 11/16/12						
Chlorobenzene	20.5	1.0	ug/l	20.0		103	75-125			
1,1-Dichloroethene	23.0	1.0	"	20.0		115	75-125			
Trichloroethene	18.7	1.0	"	20.0		93.6	75-125			
Benzene	22.9	0.50	"	20.0		115	75-125			
Toluene	19.1	0.50	"	20.0		95.4	75-125			
Surrogate: Toluene-d8	*8.29*		"	*8.00*		*104*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*6.92*		"	*8.00*		*86.5*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.53*		"	*8.00*		*94.1*	*81.1-136*			
Matrix Spike (2111511-MS1)	**Source: T122097-10**			Prepared: 11/15/12 Analyzed: 11/16/12						
Chlorobenzene	22.4	1.0	ug/l	20.0	ND	112	75-125			
1,1-Dichloroethene	23.7	1.0	"	20.0	ND	118	75-125			
Trichloroethene	35.9	1.0	"	20.0	16.8	95.7	75-125			
Benzene	24.2	0.50	"	20.0	0.870	117	75-125			
Toluene	21.0	0.50	"	20.0	0.460	103	75-125			
Surrogate: Toluene-d8	*8.06*		"	*8.00*		*101*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.87*		"	*8.00*		*98.4*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.18*		"	*8.00*		*89.8*	*81.1-136*			

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	11/26/12 13:21

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 2111511 - EPA 5030 GCMS										
Matrix Spike Dup (2111511-MSD1)	**Source: T122097-10**			Prepared: 11/15/12 Analyzed: 11/16/12						
Chlorobenzene	21.0	1.0	ug/l	20.0	ND	105	75-125	6.78	20	
1,1-Dichloroethene	22.7	1.0	"	20.0	ND	114	75-125	3.97	20	
Trichloroethene	32.2	1.0	"	20.0	16.8	77.2	75-125	10.8	20	
Benzene	23.3	0.50	"	20.0	0.870	112	75-125	3.96	20	
Toluene	19.2	0.50	"	20.0	0.460	93.7	75-125	8.81	20	
Surrogate: Toluene-d8	*7.76*		"	*8.00*		*97.0*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.71*		"	*8.00*		*96.4*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.74*		"	*8.00*		*96.8*	*81.1-136*			

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

T122094

SUNSTAR LABORATORIES

25712 COMMERCENTRE DRIVE
LAKE FOREST, CA 92630
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Telephone: (949) 297-5020 Fax: (949) 297-5027

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

■ GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW)

Report To: James Gribi **Bill To:**
Company: Gribi Associates
1090 Adams Street, Suite K
Benicia, CA 94510 **E-Mail:**
Tele: (707) 748-7743 **Fax:** (707) 748-7763
Client Name: San Pablo Avenue Venture **Global ID:** T06019788682
Project Name: Maz Glass
Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
01 MW-1		11/09	1100	X	voa	X					X	X		
02 MW-2		11/09	1035	X	voa	X					X	X		
03 MW-3		11/09	1125	X	voa	X					X	X		
04 MW-4		11/09	1015	X	voa	X					X	X		

Analysis Request

TPH-Gas, BTEX, MTBE (8015M/8021B)	TPH-Gas (8015M)	TPH-Diesel (8015M)	TPH-Motor Oil (8015M)	TPH-Gas, BTEX, MTBE (8260B)	TPH-Gas, BTEX, 5 Oxygenates (8260B)	TPH-Gas, BTEX, 7 Oxygenates (8260B)	5 Oxygenates (8260B)	Lead Scavengers [1,2 DCA & 1,2 EDB] (8260B)	VOC's – Full List (8260B)	Halogenated VOC's (8260B)	SVOC's (8270)	Other	Other	Other	Comments
					X										Filter Samples for Metals analysis: Yes / No
					X										
					X										
					X										

Relinquished By:	Date:	Time:	Received By:
	11/14/12	1600	11/13/12 11:30
Relinquished By:	Date:	Time:	Received By:
GSO	11/14/12	10:30	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 2.7
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

COMMENTS: STD. TAT 11/14/12 SR

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

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

Project: Maz Glass
Project Number: [none]
Project Manager: Jim Gribi

Reported: 11/26/12 13:21

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
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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SunStar Laboratories, Inc.

Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

BATCH # 1122094

Client Name: GRIBI Project: Maz Glass

Received by: Sunny Date/Time Received: 11/14/12 / 10:30

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 2.9 °C +/- the CF (- 0.2°C) = 2.7 °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 SL 11.14.12

Comments:

_____

_____

_____

_____