April 15, 2014

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

Attention: Mark Detterman

Subject: First Quarter 2014 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 *First Quarter 2014 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 Jr

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

GRIBI
ASSOCIATES

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Attention: Mark Detterman

Subject: First Quarter 2014 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 *First Quarter 2014 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 March 7, 2014.

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 March 7, 2014.
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 6.56 feet (MW-1) to 6.99 feet (MW-3).
2. Groundwater elevations ranged from 31.72 feet above means sea level (msl) (MW-4) to 32.40 feet msl (MW-1).
3. Groundwater potentiometric gradient during this monitoring event was to the south-southwest at an approximate gradient of 0.1 feet/feet.
4. Groundwater elevations and contours are shown on Figure 3.

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)
    d. USEPA 8260B Naphthalene
    e. USEPA E218.6 Hexavalent Chromium
    f. USEPA E300.1 Bromate
2. Groundwater analytical results are summarized in Table 1 and on Figure 4.
3. Groundwater hydrocarbon trends for selected wells are provided as Attachment B.
4. The laboratory analytical data report and chain-of custody are provided as Attachment C.

SITE REMEDIATION ACTIVITIES

1. Gribi Associates installed an ozone remediation system at the site during the week of September 2, 2013.
2. The ozone system was started on September 9, 2013.
    a. The system operated continuously until the mid-October 2013.
    b. The system required repairs and was re-started on November 7, 2013 and operated continuously until the system was turned off on January 17, 2014.

CONCLUSIONS

1. Post-ozone injection groundwater hydrocarbon results in site wells show significant reductions in hydrocarbon concentrations, clearly indicating that ozone injection is an effective remediation technology for this site.
    a. TPH-G concentration reductions of approximately 70 percent were noted in wells MW-1 and MW-4, and TPH-G concentration reductions of over 90 percent were noted in wells MW-2 and MW-3.

b. Slight concentration rebounds were noted in wells MW-1 and MW-2 during this monitoring event.

2. Groundwater samples from the four wells showed no significant detections of hexavalent chromium or bromate during this or previous sampling events.
3. Groundwater samples from the four wells showed low levels of naphthalene, ranging from 1.9 to 68 ug/L.

PLANNED ACTIVITIES

1. Gribi Associates plans to conduct a quarterly groundwater monitoring and sampling event during the second quarter of 2014.
2. Gribi Associates recommends that ozone injection remediation be implemented at the site.

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: Mr. Bill Banker, San Pablo Avenue Venture

TABLE

Table 1
CUMULATIVE GROUNDWATER LABORATORY ANALYTICAL RESULTS
Former Maz Glass UST Site

Well ID	Sample Date	GW Depth	GW Elev.	Groundwater Concentration, in micrograms per liter (ug/L)								
				TPH-G	B	T	E	X	OXY	Cr6	Br	N
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	–	–	–
	11/09/12	9.72	29.24	**15,000**	**1,200**	**21**	**1,100**	**283**	All ND	–	–	–
	02/20/13	8.34	30.62	**9,800**	**970**	**15**	**860**	**171.5**	All ND	–	–	**75**
	06/04/13	9.39	29.57	**8,600**	**880**	**15**	**770**	**121.2**	All ND	–	–	**74**
	Ozone Injection Started on September 9, 2013											
	09/26/13	10.38	28.58	**16,000**	**220**	**8.9**	**610**	**152.4**	All ND	<0.20	**0.091**	**120**
	12/30/13	9.92	29.04	**4,700**	**62**	**1.5**	**110**	**62.75**	All ND	–	–	**23**
	Ozone Injection Stopped on February 7, 2014											
	03/07/14	6.56	32.40	**5,600**	**320**	**8.4**	**370**	**89.7**	All ND	<0.20	**0.047**	**68**
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	–	–	–
	02/20/13	8.86	30.10	**8,200**	**860**	**29**	**410**	**70**	All ND	–	–	**29**
	06/04/13	9.86	29.10	**12,000**	**870**	**23**	**410**	**43.8**	All ND	–	–	**46**
	Ozone Injection Started on September 9, 2013											
	09/26/13	13.32	25.64	**930**	**39**	**5.6**	**26**	**20**	All ND	**1.10**	**0.090**	**13**
	12/30/13	10.33	28.63	**270**	**7.9**	<0.50	**2.9**	<1.0	TBA=**20**	–	–	<1.0
	Ozone Injection Stopped on February 7, 2014											
	03/07/14	6.95	32.01	**440**	**41**	**0.91**	**4.2**	**2.9**	All ND	<0.20	**0.13**	**4.2**
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	–	–	–
	02/20/13	8.80	30.04	**12,000**	**1,400**	**15**	**330**	**43.9**	All ND	–	–	**8.4**
	06/04/13	9.49	29.35	**12,000**	**1,400**	**11**	**89**	**32.4**	All ND	–	–	**13**
	Ozone Injection Started on September 9, 2013											
	09/26/13	10.89	27.95	**5,500**	**190**	**2.8**	**42**	**27**	All ND	<0.20	**0.096**	**18**
	12/30/13	14.59	24.25	**380**	**8.3**	<0.50	**2.3**	**1.6**	All ND	–	–	<1.0
	Ozone Injection Stopped on February 7, 2014											
	03/07/14	6.99	31.85	**400**	**31**	**0.75**	**2.6**	**2.9**	All ND	<0.20	**0.083**	**1.9**

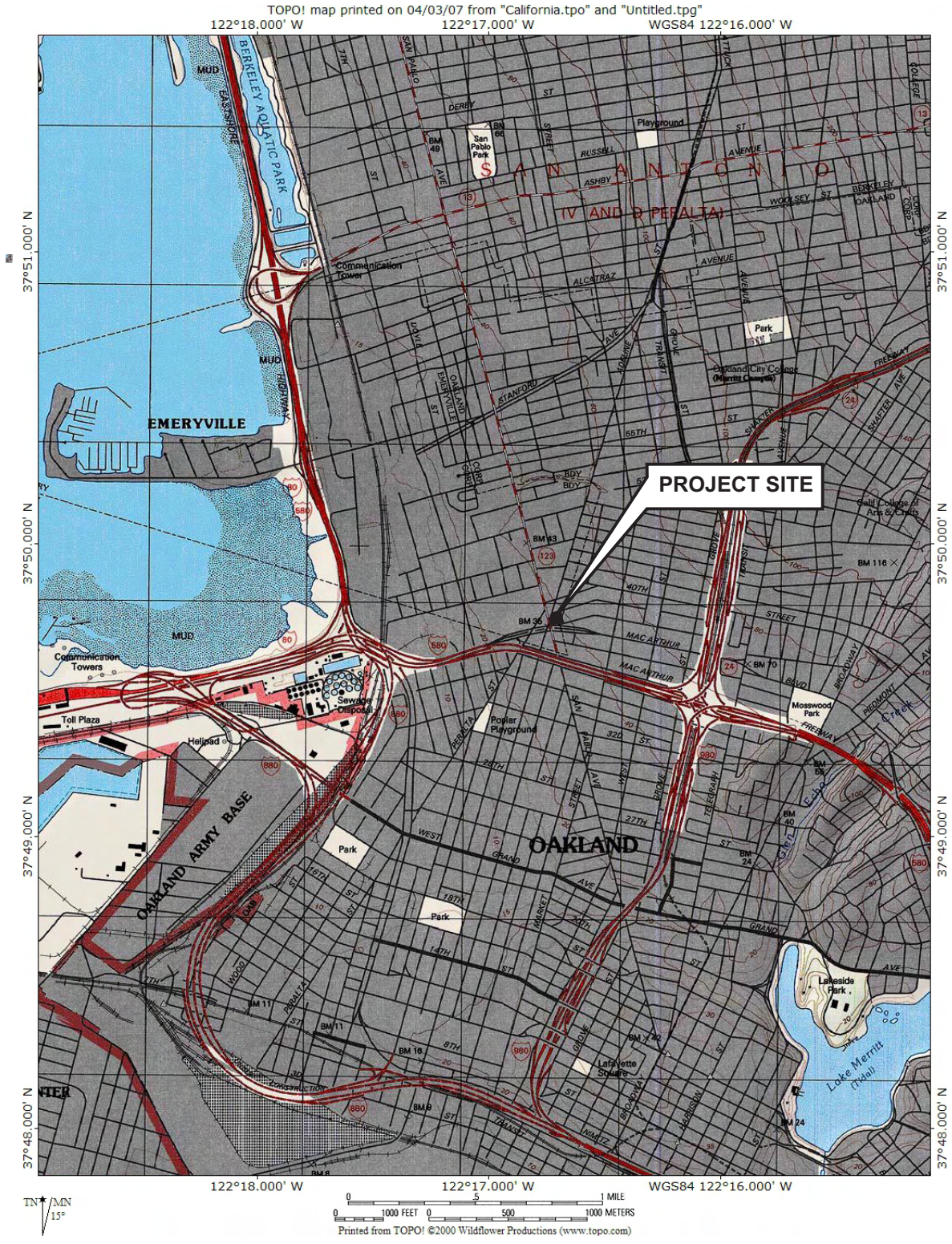
Table 1
CUMULATIVE GROUNDWATER LABORATORY ANALYTICAL RESULTS
Former Maz Glass UST Site

Well ID	Sample Date	GW Depth	GW Elev.	Groundwater Concentration, in micrograms per liter (ug/L)								
				TPH-G	B	T	E	X	OXY	Cr6	Br	N
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	–	–	–
	02/20/13	8.16	30.32	**4,500**	**100**	**9.5**	**190**	**65.3**	All ND	–	–	**7.1**
	06/04/13	8.73	29.75	**6,300**	**72**	**6.2**	**61**	**48.4**	All ND	–	–	**12**
	Ozone Injection Started on September 9, 2013											
	09/26/13	9.76	28.72	**12,000**	**48**	**3.7**	**70**	**18.2**	All ND	<0.20	**0.056**	**13**
	12/30/13	9.81	28.67	**7,600**	**50**	**6.6**	**68**	**104.3**	All ND	–	–	**37**
	Ozone Injection Stopped on February 7, 2014											
	03/07/14	6.76	31.72	**3,100**	**38**	**4.3**	**51**	**76.5**	All ND	<0.20	**0.016**	**20**
	ESL			**100**	**27**	**9.5E+04**	**310**	**3.7E+04**	**110** TBA	**21**	**NL**	**160**

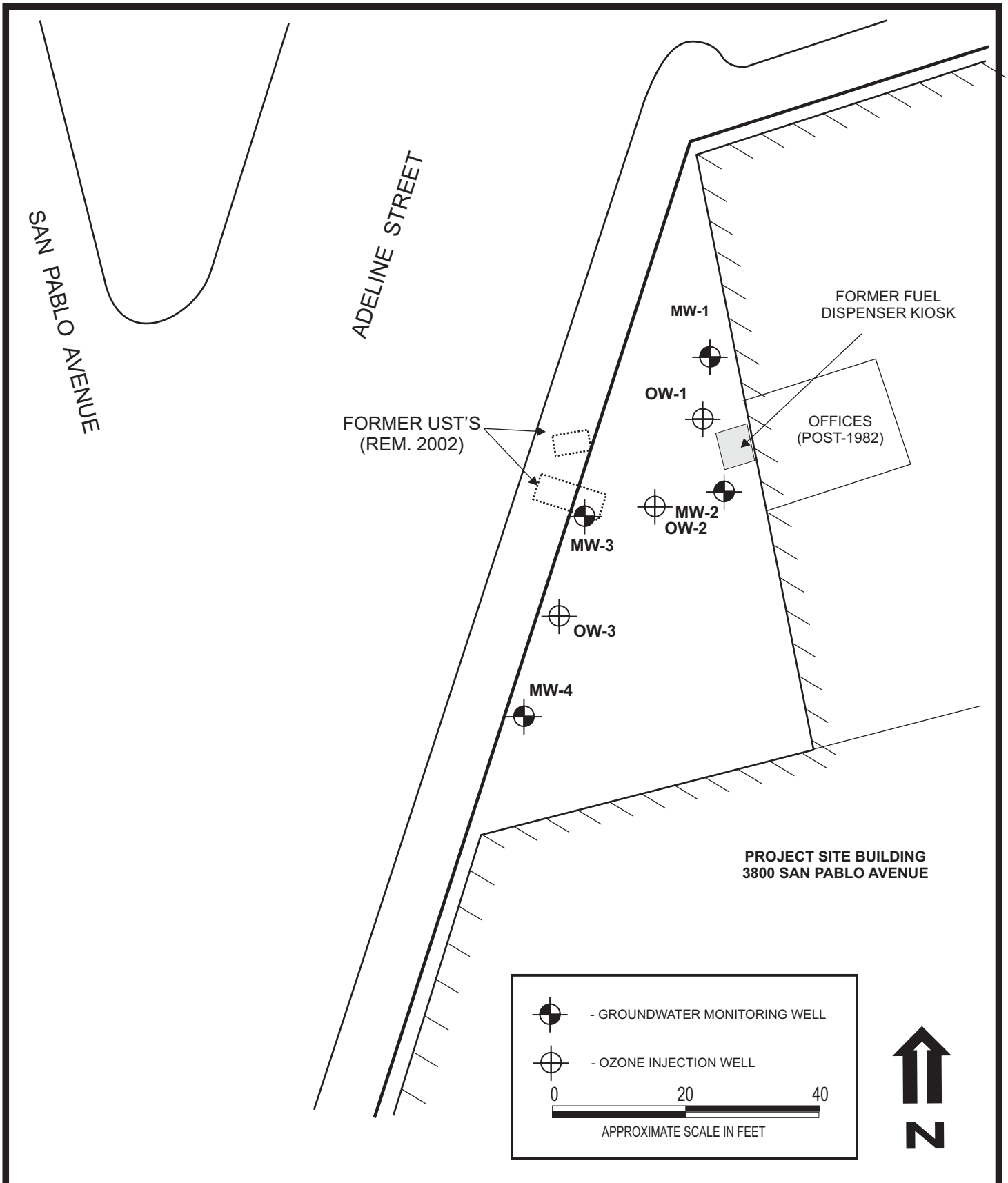
TABLE NOTES

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).
Cr6 = Hexavalent Chromium
Br = Bromate
N = Naphthalene.
<38.96> = Top of casing mean sea level elevation (Virgil Chavez Land Survey).
All ND = No detectable concentrations of all analytes.
– = Not analyzed for this analyte.
<1.0 = Not detected above the expressed value.
ESL = Environmental Screening Levels, as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board, May 2013.

FIGURES



DESIGNED BY:	CHECKED BY: JG	**SITE VICINITY MAP**	DATE: 04/15/2014	FIGURE: 1
DRAWN BY: MR	SCALE:			
PROJECT NO:		3800 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA		



DESIGNED BY:	CHECKED BY: JG	**SITE PLAN**	DATE: 04/15/2014	FIGURE: **2**
DRAWN BY: MR	SCALE:			
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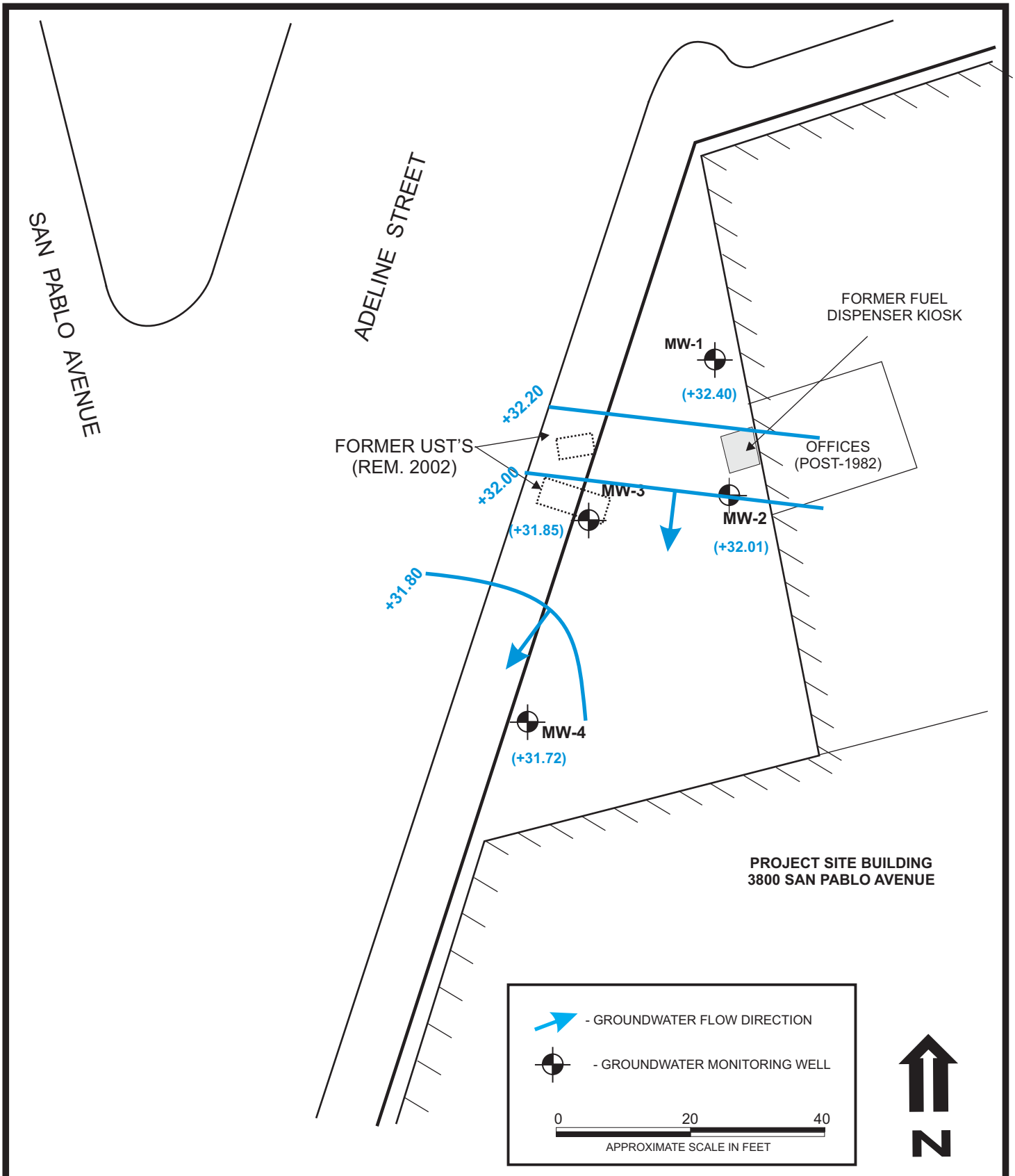
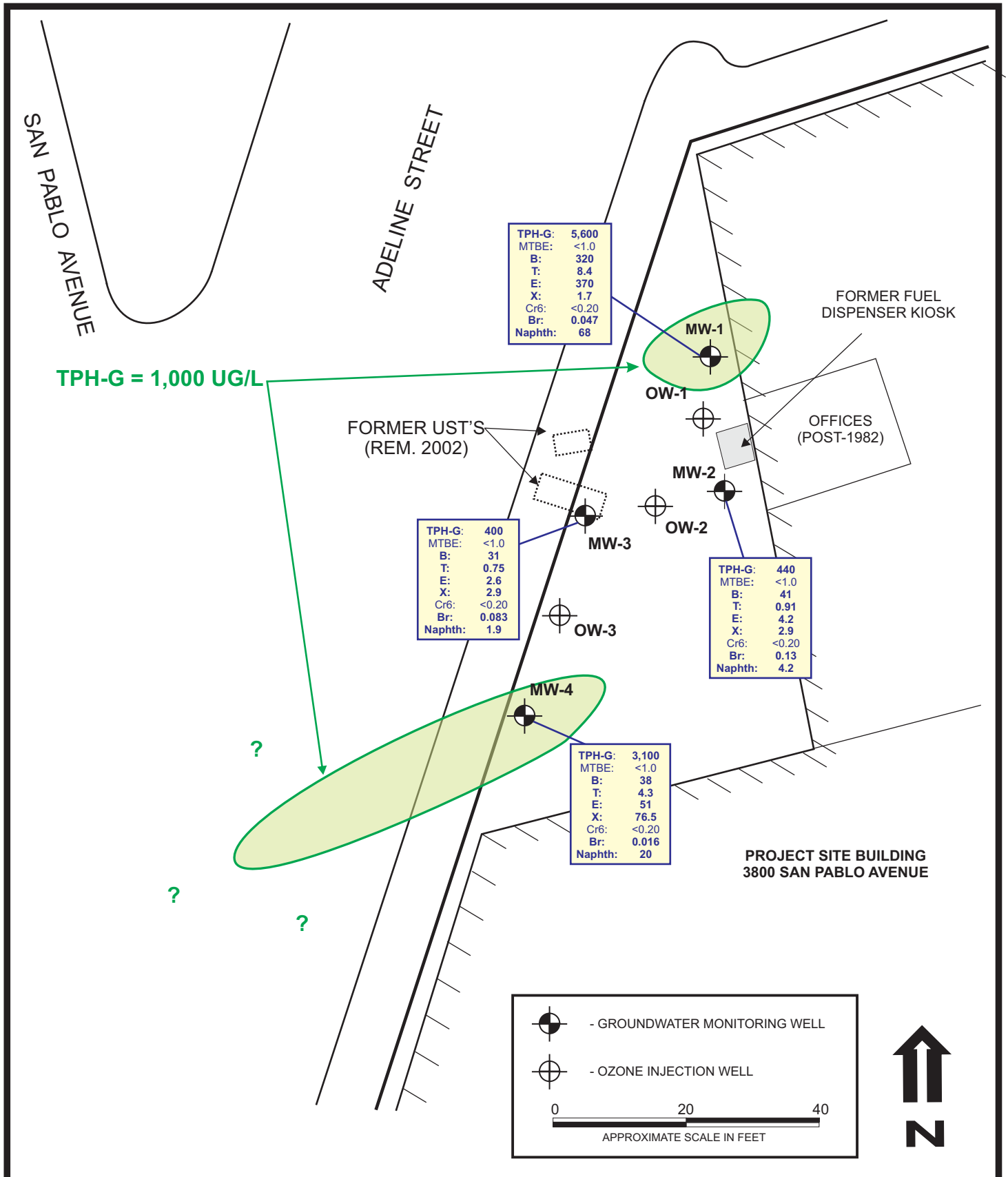


DESIGNED BY:	CHECKED BY: JG	**GROUNDWATER ELEVATION GRADIENT - 03/07/2014**	DATE: 04/15/2014	FIGURE: **3**
DRAWN BY: MR	SCALE:			
PROJECT NO:		3800 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA		



DESIGNED BY:	CHECKED BY: JG	**GROUNDWATER HYDROCARBON CONCENTRATIONS - 03/07/2014**	DATE: 04/15/2014	FIGURE: **4**
DRAWN BY: MR	SCALE:			
PROJECT NO:		3800 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA		

ATTACHMENT A

GROUNDWATER MONITORING
FIELD DATA RECORDS

Groundwater Monitoring Field Sheet

Client Name: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Sampling Personnel: MAR
Date: 3/07/2014
Weather Conditions: clear, cool, breezy

Well ID: MW-1
Casing Diameter (inches): 2.0
Total Depth (feet): 22.7
Depth to Water: 6.56
Depth to Free Product: —
Water Column (ft): 16.14
Product Thickness: Ø
One Well Volume (gal): 2.74
3x Well Volume (gal): 8.2

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*
1319							
1321	2	18.3	1,035		6.81		
1323	4	18.3	1,064		6.92		
1326	6	18.9	1,053		6.80		
1328	8	19.0	1,066		6.76		

SAMPLE OBSERVATIONS

Characteristic	*None*	*Slight*	*Moderate*	*Strong*	*Comments*
Color		X			Lt. Brown
Odor		X			HC
Turbidity		X			
Sheen	X				
Other:					

Sample Time 1330 **Sampler's Signature** MAZ

Groundwater Monitoring Field Sheet

Client Name: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Sampling Personnel: MAR
Date: 3/07/2014
Weather Conditions: clear, cool, breezy

Well ID: MW-2
Casing Diameter (inches): 2.0
Total Depth (feet): 22.8
Depth to Water: 6.95
Depth to Free Product: —
Water Column (ft): 15.85
Product Thickness: Ø
One Well Volume (gal): 2.69
3x Well Volume (gal): 8.1

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 purge pump
Sample Method			

FIELD PARAMETERS

Time	*Volume Purged*	*Temp. (F or C)*	*E.C. (µS/cm)*	*D.O. (mg/L)*	*pH*	*ORP (mV)*	*Comments*
1346							
1349	2	18.1	1,203		6.97		
1352	4	18.1	1,148		6.93		
1355	6	18.6	1,186		6.85		
1358	8	18.8	1,205		6.96		

SAMPLE OBSERVATIONS

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

Sample Time 1400 **Sampler's Signature** MAZ

Groundwater Monitoring Field Sheet

Client Name: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Sampling Personnel: MAZ
Date: 3/07/2014
Weather Conditions: Clear, Cool, breezy

Well ID: MW-3
Casing Diameter (inches): 2.0
Total Depth (feet): 22.8
Depth to Water: 6.99
Depth to Free Product: —
Water Column (ft): 15.81
Product Thickness: 0
One Well Volume (gal): 2.69
3x Well Volume (gal): 8.1

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 purge pump
Sample Method			

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1414							
1417	2	18.1	1,237		7.11		
1421	4	18.2	1,183		7.14		
1425	6	18.5	1,234		7.11		
1428	8	18.8	1,259		6.99		

SAMPLE OBSERVATIONS

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

Sample Time: 1430
Sampler's Signature: MAZ

Groundwater Monitoring Field Sheet

Client Name: SAN PABLO AVENUE VENTURE
Project Name: MAZ GLASS
Sampling Personnel: MAZ
Date: 3/07/2014
Weather Conditions: Clear, Cool, breezy

Well ID: MW-4
Casing Diameter (inches): 2.0
Total Depth (feet): 22.8
Depth to Water: 6.76
Depth to Free Product: —
Water Column (ft): 16.04
Product Thickness: 0
One Well Volume (gal): 2.73
3x Well Volume (gal): 8.2

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			

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1440							
1443	2	17.4	1,169		6.61		
1447	4	17.4	1,174		6.61		
1450	6	17.6	1,164		6.61		
1454	8	17.8	1,149		6.61		

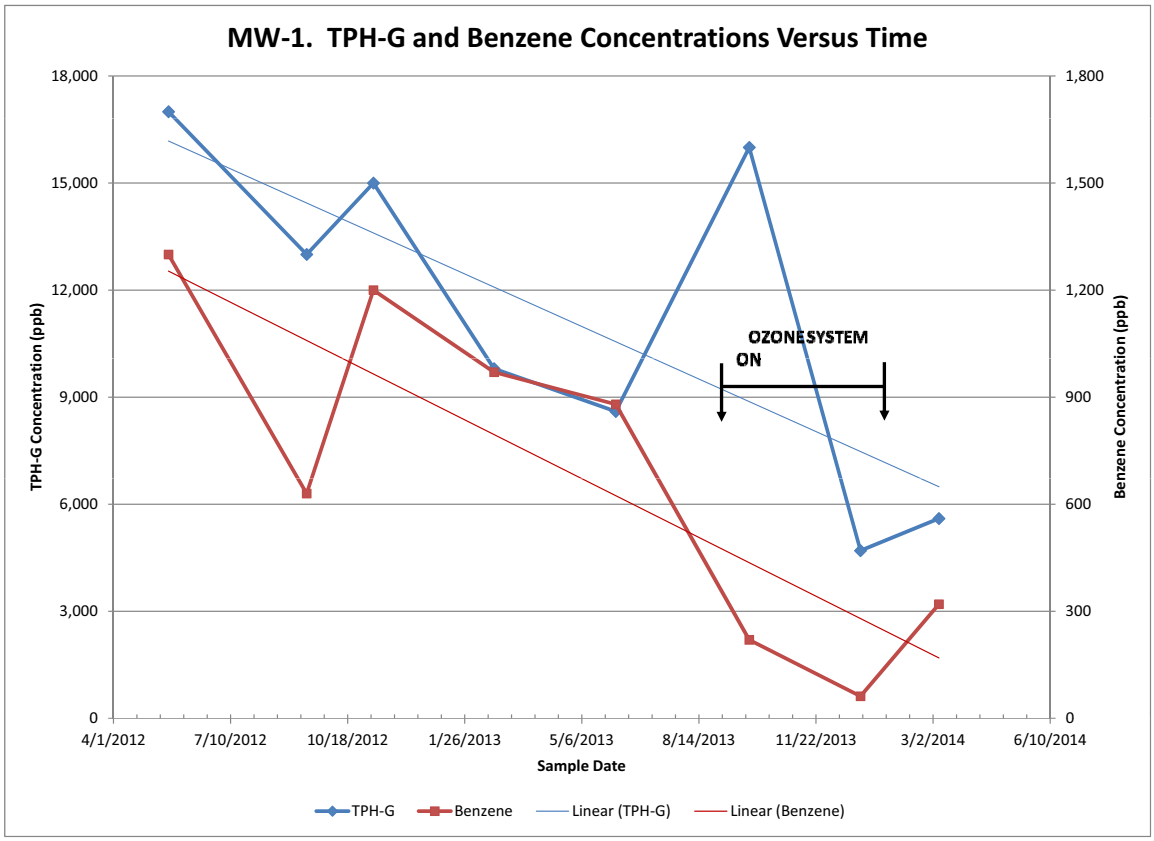
SAMPLE OBSERVATIONS

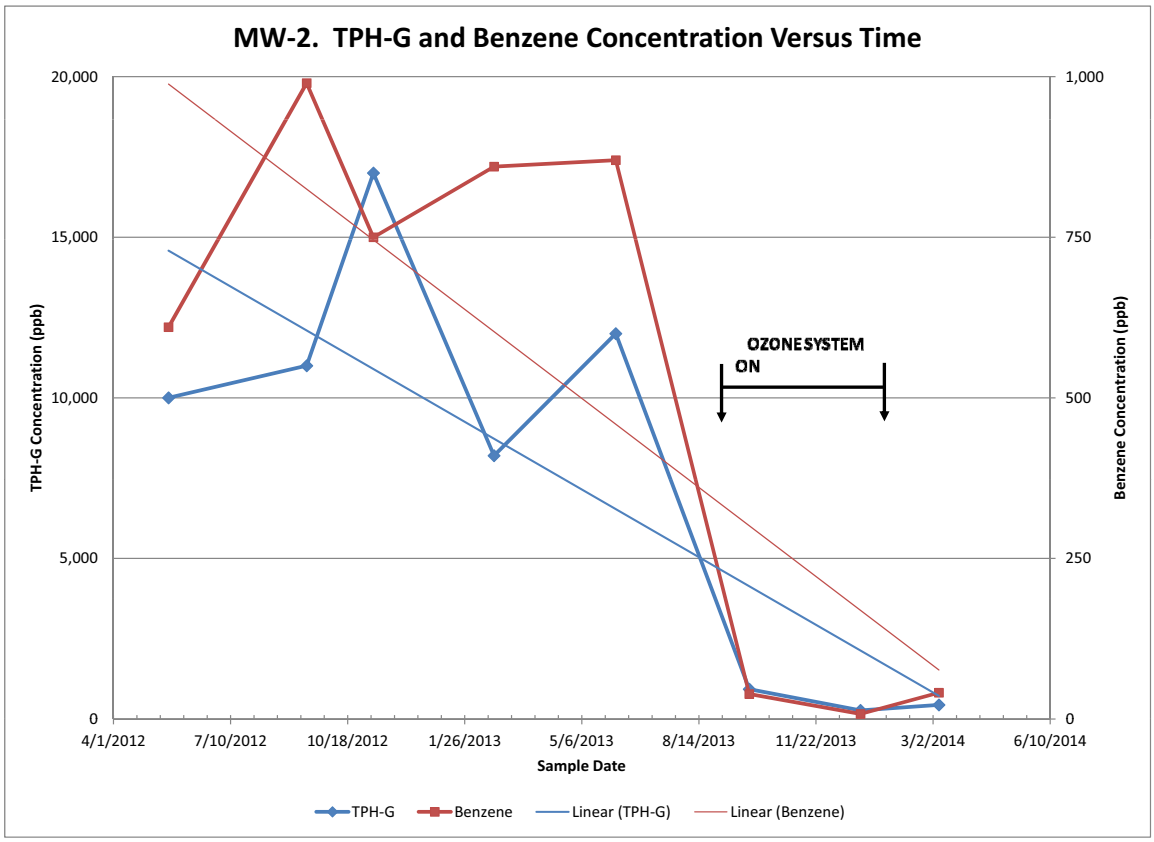
Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor		X			HC
Turbidity	X				
Sheen	X				
Other:					

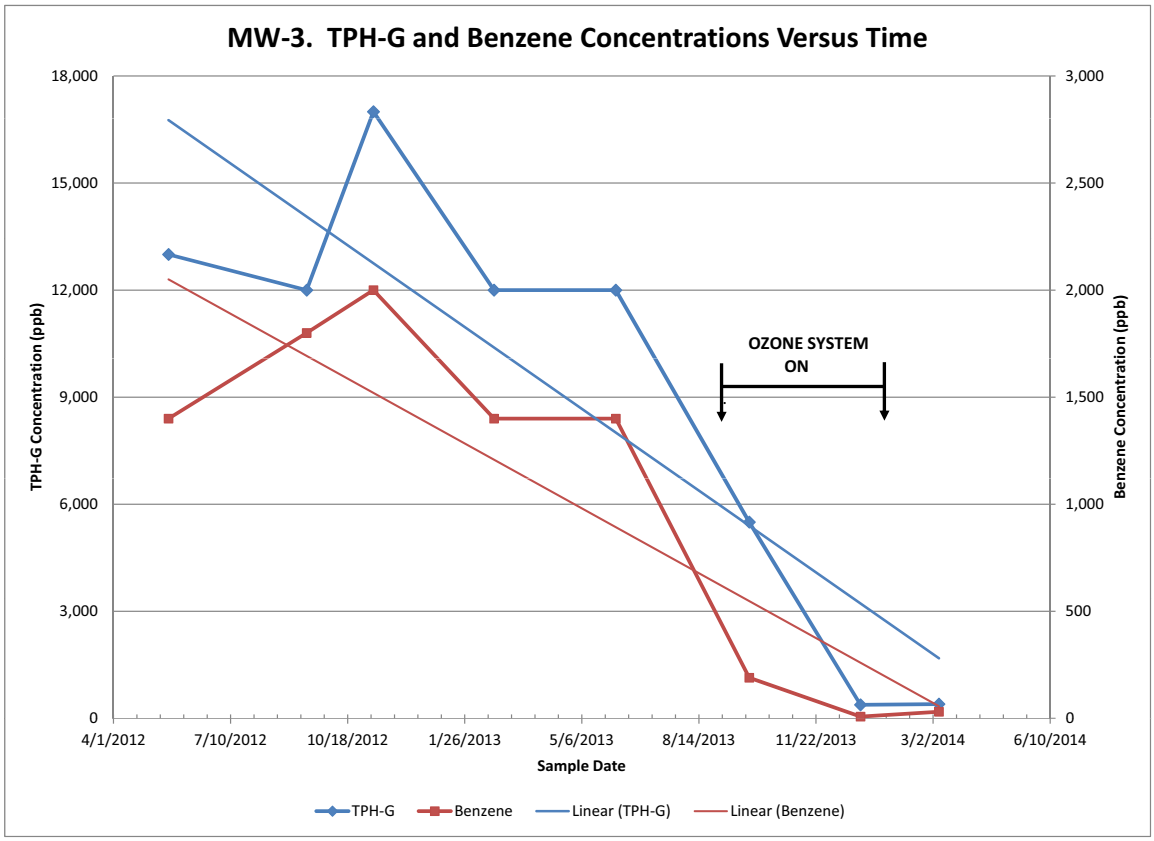
Sample Time: 1455
Sampler's Signature: MAZ

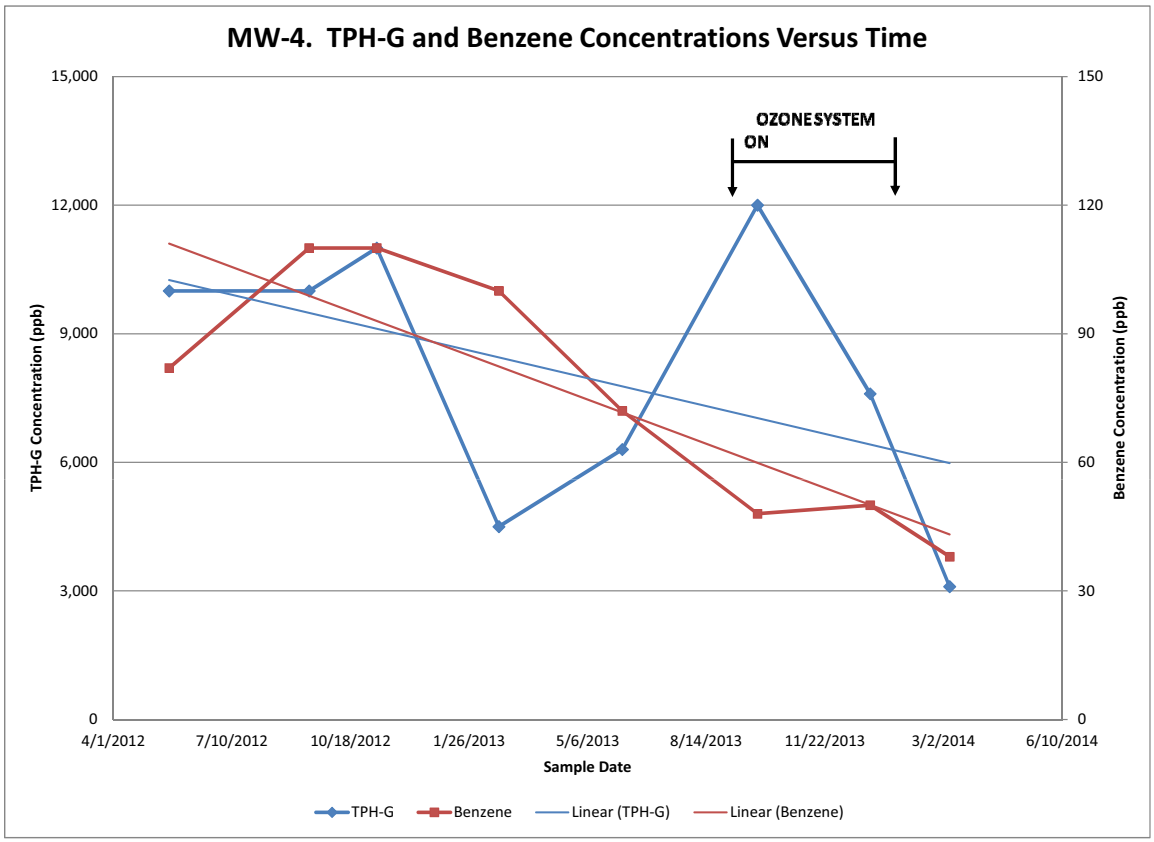
ATTACHMENT B

GROUNDWATER HYDROCARBON TRENDS


MW-1. TPH-G and Benzene Concentrations Versus Time
18,000
15,000
12,000
9,000
6,000
3,000
0
1,800
1,500
1,200
900
600
300
0
TPH-G Concentration (ppb)
Benzene Concentration (ppb)
OZONE SYSTEM ON
4/1/2012
7/10/2012
10/18/2012
1/26/2013
5/6/2013
8/14/2013
11/22/2013
3/2/2014
6/10/2014
Sample Date
TPH-G
Benzene
Linear (TPH-G)
Linear (Benzene)


MW-2. TPH-G and Benzene Concentration Versus Time
20,000
15,000
10,000
5,000
0
1,000
750
500
250
0
TPH-G Concentration (ppb)
Benzene Concentration (ppb)
OZONE SYSTEM ON
4/1/2012
7/10/2012
10/18/2012
1/26/2013
5/6/2013
8/14/2013
11/22/2013
3/2/2014
6/10/2014
Sample Date
TPH-G
Benzene
Linear (TPH-G)
Linear (Benzene)


MW-3. TPH-G and Benzene Concentrations Versus Time
18,000
15,000
12,000
9,000
6,000
3,000
0
TPH-G Concentration (ppb)
3,000
2,500
2,000
1,500
1,000
500
0
Benzene Concentration (ppb)
OZONE SYSTEM ON
4/1/2012
7/10/2012
10/18/2012
1/26/2013
5/6/2013
8/14/2013
11/22/2013
3/2/2014
6/10/2014
Sample Date
TPH-G
Benzene
Linear (TPH-G)
Linear (Benzene)


MW-4. TPH-G and Benzene Concentrations Versus Time
15,000
12,000
9,000
6,000
3,000
0
TPH-G Concentration (ppb)
150
120
90
60
30
0
Benzene Concentration (ppb)
OZONE SYSTEM ON
4/1/2012
7/10/2012
10/18/2012
1/26/2013
5/6/2013
8/14/2013
11/22/2013
3/2/2014
6/10/2014
Sample Date
TPH-G
Benzene
Linear (TPH-G)
Linear (Benzene)

ATTACHMENT C

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

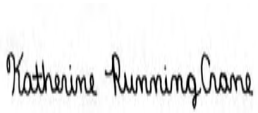
18 March 2014

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 03/11/14 08:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Katherine RunningCrane
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

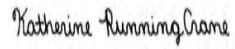
Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	03/18/14 08:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T140449-01	Water	03/07/14 13:30	03/11/14 08:40
MW-2	T140449-02	Water	03/07/14 14:00	03/11/14 08:40
MW-3	T140449-03	Water	03/07/14 14:30	03/11/14 08:40
MW-4	T140449-04	Water	03/07/14 14:55	03/11/14 08:40

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.



Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	03/18/14 08:56

MW-1
T140449-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	**68**	1.0	ug/l	1	4031224	03/12/14	03/14/14	EPA 8260B	
Benzene	**320**	2.5	"	5	"	"	"	"	
Toluene	**8.4**	0.50	"	1	"	"	"	"	
Ethylbenzene	**370**	2.5	"	5	"	"	"	"	
m,p-Xylene	**88**	1.0	"	1	"	"	"	"	
o-Xylene	**1.7**	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)	**5600**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*90.0 %*	*81.1-136*		"	"	"	"	

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Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	03/18/14 08:56

MW-2
T140449-02 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	**4.2**	1.0	ug/l	1	4031224	03/12/14	03/14/14	EPA 8260B	
Benzene	**41**	0.50	"	"	"	"	"	"	
Toluene	**0.91**	0.50	"	"	"	"	"	"	
Ethylbenzene	**4.2**	0.50	"	"	"	"	"	"	
m,p-Xylene	**2.9**	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)	**440**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*91.1 %*	*81.1-136*		"	"	"	"	

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Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	03/18/14 08:56

MW-3
T140449-03 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	**1.9**	1.0	ug/l	1	4031224	03/12/14	03/14/14	EPA 8260B	
Benzene	**31**	0.50	"	"	"	"	"	"	
Toluene	**0.75**	0.50	"	"	"	"	"	"	
Ethylbenzene	**2.6**	0.50	"	"	"	"	"	"	
m,p-Xylene	**2.9**	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)	**400**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*93.4 %*	*81.1-136*		"	"	"	"	

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Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	03/18/14 08:56

MW-4
T140449-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	**20**	1.0	ug/l	1	4031224	03/12/14	03/14/14	EPA 8260B	
Benzene	**38**	0.50	"	"	"	"	"	"	
Toluene	**4.3**	0.50	"	"	"	"	"	"	
Ethylbenzene	**51**	0.50	"	"	"	"	"	"	
m,p-Xylene	**71**	1.0	"	"	"	"	"	"	
o-Xylene	**5.5**	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)	**3100**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*92.1 %*	*81.1-136*		"	"	"	"	

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Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	03/18/14 08:56

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 4031224 - EPA 5030 GCMS										
Blank (4031224-BLK1)				Prepared: 03/12/14 Analyzed: 03/13/14						
Naphthalene	ND	1.0	ug/l							
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	*8.33*		"	*8.00*		*104*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.63*		"	*8.00*		*108*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.48*		"	*8.00*		*93.5*	*81.1-136*			
LCS (4031224-BS1)				Prepared: 03/12/14 Analyzed: 03/13/14						
Chlorobenzene	19.2	1.0	ug/l	20.0		96.2	75-125			
1,1-Dichloroethene	17.3	1.0	"	20.0		86.7	75-125			
Trichloroethene	18.2	1.0	"	20.0		91.0	75-125			
Benzene	18.1	0.50	"	20.0		90.7	75-125			
Toluene	18.2	0.50	"	20.0		91.2	75-125			
Surrogate: Toluene-d8	*8.06*		"	*8.00*		*101*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.12*		"	*8.00*		*102*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.56*		"	*8.00*		*94.5*	*81.1-136*			
Matrix Spike (4031224-MS1)	**Source: T140448-01**			Prepared: 03/12/14 Analyzed: 03/13/14						
Chlorobenzene	20.4	1.0	ug/l	20.0	ND	102	75-125			
1,1-Dichloroethene	18.0	1.0	"	20.0	0.410	88.0	75-125			
Trichloroethene	20.0	1.0	"	20.0	0.330	98.3	75-125			
Benzene	296	0.50	"	20.0	288	41.1	75-125			QM-05
Toluene	35.3	0.50	"	20.0	14.8	102	75-125			
Surrogate: Toluene-d8	*8.30*		"	*8.00*		*104*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.93*		"	*8.00*		*99.1*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.57*		"	*8.00*		*94.6*	*81.1-136*			

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Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	03/18/14 08:56

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 4031224 - EPA 5030 GCMS										
Matrix Spike Dup (4031224-MSD1)	**Source: T140448-01**			Prepared: 03/12/14 Analyzed: 03/14/14						
Chlorobenzene	20.2	1.0	ug/l	20.0	ND	101	75-125	0.938	20	
1,1-Dichloroethene	17.2	1.0	"	20.0	0.410	83.8	75-125	4.89	20	
Trichloroethene	20.0	1.0	"	20.0	0.330	98.5	75-125	0.200	20	
Benzene	309	0.50	"	20.0	288	102	75-125	4.05	20	
Toluene	38.8	0.50	"	20.0	14.8	120	75-125	9.53	20	
Surrogate: Toluene-d8	*8.18*		"	*8.00*		*102*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.75*		"	*8.00*		*96.9*	*83.5-119*			
Surrogate: Dibromofluoromethane	*7.48*		"	*8.00*		*93.5*	*81.1-136*			

SunStar Laboratories, Inc.

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Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	03/18/14 08:56

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
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.

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SUNSTAR LABORATORIES

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CHAIN OF CUSTODY RECORD

TLG0449

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
Tele: (707) 748-7743 **E-Mail:** **Fax:** (707) 748-7763

Client Name: San Pablo Avenue Ventures **Global ID:** T0601978682

Project Name: Maz Glass

Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	MATRIX: Soil	MATRIX: Air	MATRIX: Sludge	MATRIX: Other	METHOD PRESERVED: Ice	METHOD PRESERVED: HCl	METHOD PRESERVED: HNO_3	METHOD PRESERVED: Other
MW-1	01	3/07	1330	4	VOA	X					X	X		
MW-2	02	3/07	1400	4	VOA	X					X	X		
MW-3	03	3/07	1430	4	VOA	X					X	X		
MW-4	04	3/07	1455	4	VOA	X					X	X		

Relinquished By: Date: 3/10/14 Time: 0930 **Received By:** Date: Time:

Relinquished By: Date: 3/11/14 Time: 8:40 **Received By:** Date: Time:

Relinquished By: GSO **Received By:**

Analysis Request	Other	Comments
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)	X	
TPH-Gas, BTEX, 7 Oxygenates (8260B)		
5 Oxygenates (8260B)		
Lead Seavengers [1,2 DCA & 1,2 EDB] (8260B)		
VOC's – Full List (8260B)		
Halogenated VOC's (8260B)		
SVOC's (8270)		
Naphthalene (8260B)	X	

Filter Samples for Metals analysis: Yes / No

ICE/t° 5.2
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

STD. TAT

COMMENTS:

PRESERVATION VOAS O&G METALS OTHER 3/11/14
pH<2

52

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

BATCH # T140449

Client Name: GRIBI Project: MAZ GLASS

Received by: SUNNY Date/Time Received: 3.11.14 / 8:40

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 5.4 °C +/- the CF (- 0.2°C) = 5.2 °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 3.11.14

Comments:

_____

_____

_____

_____

McCampbell Analytical, Inc.
"When Quality Counts"

Analytical Report

WorkOrder: 1403234

Report Created for: Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510

Project Contact: Matt Rosman
Project P.O.:
Project Name: Maz Glass

Project Received: 03/07/2014

Analytical Report reviewed & approved for release on 03/13/2014 by:

Question about your data?

Click here to email McCampbell

Angela Rydelius,
Laboratory Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Gribi Associates
Project: Maz Glass
WorkOrder: 1403234

Glossary Abbreviation	
95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Matrix interferences, or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix; or sample diluted due to high matrix or analyte content.
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence

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Analytical Report

Client: Gribi Associates
Project: Maz Glass
Date Received: 3/7/14 16:48
Date Prepared: 3/7/14

WorkOrder: 1403234
Extraction Method: E218.6
Analytical Method: E218.6
Unit: µg/L

Hexachrome by IC

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1	1403234-001A	Water	03/07/2014 13:30	IC2	87892

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	0.20	1	03/07/2014 21:16

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-2	1403234-002A	Water	03/07/2014 14:00	IC2	87892

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	0.20	1	03/07/2014 21:35

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-3	1403234-003A	Water	03/07/2014 14:30	IC2	87892

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	0.20	1	03/07/2014 21:55

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-4	1403234-004A	Water	03/07/2014 14:55	IC2	87892

Analytes	Result	RL	DF	Date Analyzed
Hexachrome	ND	0.20	1	03/07/2014 22:14

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client: Gribi Associates
Project: Maz Glass
Date Received: 3/7/14 16:48
Date Prepared: 3/8/14

WorkOrder: 1403234
Extraction Method: E300.1
Analytical Method: E300.1
Unit: mg/L

Inorganic Anions - Disinfection By-Products

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1	1403234-001B	Water	03/07/2014 13:30	IC3	87909

Analytes	Result	RL	DF	Date Analyzed
Bromate	**0.047**	0.0050	1	03/08/2014 02:01

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-2	1403234-002B	Water	03/07/2014 14:00	IC3	87909

Analytes	Result	RL	DF	Date Analyzed
Bromate	**0.13**	0.0050	1	03/08/2014 02:38

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-3	1403234-003B	Water	03/07/2014 14:30	IC3	87909

Analytes	Result	RL	DF	Date Analyzed
Bromate	**0.083**	0.0050	1	03/08/2014 03:16

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-4	1403234-004B	Water	03/07/2014 14:55	IC3	87909

Analytes	Result	RL	DF	Date Analyzed
Bromate	**0.016**	0.0050	1	03/08/2014 03:53

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Gribi Associates	**WorkOrder:**	1403234
Date Prepared:	3/7/14	**BatchID:**	87892
Date Analyzed:	3/7/14	**Extraction Method:**	E218.6
Instrument:	IC2	**Analytical Method:**	E218.6
Matrix:	Water	**Unit:**	µg/L
Project:	Maz Glass	**Sample ID:**	MB/LCS-87892 1403199-001AMS/MSD

QC Summary Report for E218.6

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Hexachrome	ND	25.75	0.20	25	-	103	90-110

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Hexachrome	29.52	29.83	25	4.710	99.2	100	90-110	1.04	10

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Quality Control Report

Client:	Gribi Associates	**WorkOrder:**	1403234
Date Prepared:	3/7/14	**BatchID:**	87909
Date Analyzed:	3/7/14	**Extraction Method:**	E300.1
Instrument:	IC3	**Analytical Method:**	E300.1
Matrix:	Water	**Unit:**	mg/L
Project:	Maz Glass	**Sample ID:**	MB/LCS-87909 1403105-001AMS/MSD

QC Summary Report for E300.1

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Bromate	ND	0.04178	0.0050	0.040	-	104	85-115

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Bromate	0.03649	0.03764	0.040	ND	91.2	94.1	85-115	3.09	10

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1403234 **ClientCode: GRIB**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Matt Rosman
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510
(707) 748-7743 FAX: (707) 748-7763

Email: mrosman@gribiassociates.com; TFerrell@
cc/3rd Party:
PO:
ProjectNo: Maz Glass

Bill to:
Terry Ferrell
Gribi Associates
1090 Adams St., Suite K
Benicia, CA 94510

Requested TAT: 5 days

Date Received: **03/07/2014**
Date Printed: **03/07/2014**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1403234-001	MW-1	Water	3/7/2014 13:30	☐	A	B	A									
1403234-002	MW-2	Water	3/7/2014 14:00	☐	A	B										
1403234-003	MW-3	Water	3/7/2014 14:30	☐	A	B										
1403234-004	MW-4	Water	3/7/2014 14:55	☐	A	B										

Test Legend:

1	218_6_W	2	300_1SPE_W	3	PREDF REPORT	4		5	
6		7		8		9		10	
11		12							

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: GRIBI ASSOCIATES **QC Level:** LEVEL 2 **Work Order:** 1403234
Project: Maz Glass **Client Contact:** Matt Rosman **Date Received:** 3/7/2014
Comments: **Contact's Email:** mrosman@gribiassociates.com; TFerrell@gribiassociates.com

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Number of Containers	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1403234-001A	MW-1	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 13:30	5 days	Present	☐	
1403234-001B	MW-1	Water	E300.1 (Inorganic Anions DBP) <Bromate>	1	250mL aG w/ EDA	☐	3/7/2014 13:30	5 days	Present	☐	
1403234-002A	MW-2	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 14:00	5 days	Present	☐	
1403234-002B	MW-2	Water	E300.1 (Inorganic Anions DBP) <Bromate>	1	250mL aG w/ EDA	☐	3/7/2014 14:00	5 days	Present	☐	
1403234-003A	MW-3	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 14:30	5 days	Present	☐	
1403234-003B	MW-3	Water	E300.1 (Inorganic Anions DBP) <Bromate>	1	250mL aG w/ EDA	☐	3/7/2014 14:30	5 days	Present	☐	
1403234-004A	MW-4	Water	E218.6 (Hexachrome)	1	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3	☐	3/7/2014 14:55	5 days	Present	☐	
1403234-004B	MW-4	Water	E300.1 (Inorganic Anions DBP) <Bromate>	1	250mL aG w/ EDA	☐	3/7/2014 14:55	5 days	Present	☐	

*** NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).**

Bottle Legend:
125mL HDPE w/ NaB4 / Na2CO3 / KHCO3 = 125mL HDPE Bottle w/ Borate-Hydroxide Buffer
250mL aG w/ EDA = 250mL Amber Glass Jar w/ EDA

McCampbell Analytical, Inc. 1403234

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☒

GeoTracker EDF ☒ PDF ☒ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐ ; Claim # _____

Report To: M. Rosman	**Bill To:**
Company: GRIBI ASSOCIATES	
1090 ADAMS STREET, SUITE K	
	E-Mail:
Tele: (707) 748-7743	**Fax:** (707) 748--7763
Project #:	**Project Name:** Maz Glass
Project Location: Emeryville, CA	**Purchase Order#**
Sampler Signature:	

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other	BTEX/ MTBE & TPH as Gas (8021/ 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	Hex Chrome	Bioassay		
MW-1		3/7	1330	2	X																										X	X		
MW-2			1400	2	X																										X	X		
MW-3			1430	2	X																										X	X		
MW-4		↓	1455	2	X																										X	X		

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
	3/07/14	1635	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4°C
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS: Global ID No. T0600788682

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION_____ pH<2_____

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Sample Receipt Checklist

Client Name: **Gribi Associates** Date and Time Received: **3/7/2014 4:48:34 PM**

Project Name: **Maz Glass** Login Reviewed by: Jena Alfaro

WorkOrder N°: **1403234** Matrix: Water Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments: _____