**RECEIVED** By Alameda County Environmental Health at 4:23 pm, Apr 15, 2014

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<br/>3800 San Pablo Avenue, Emeryville, CaliforniaACDEH 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,

Willham HBankep

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



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<br/>3800 San Pablo Avenue, Emeryville, CaliforniaACDEH 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.

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### **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 southsouthwest 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.



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- 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,

06

Matthew A. Rosman Project Engineer

Smis (

James E. Gribi Professional Geologist California No. 5843



Enclosure

c: Mr. Bill Banker, San Pablo Avenue Venture



TABLE



			CUMUI	LATIVE GRO		<b>Table 1</b> <b>R LABORA</b> Maz Glass US		LYTICAL RI	ESULTS			
Well	Sample	GW	GW			Groundwater	Concentrati	on, in microg	grams per lite	r (ug/L)		
ID	Date	Depth	Elev.	TPH-G	В	Т	E	Х	OXY	Cr6	Br	Ν
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 Inject	ion Started	l on Septen	nber 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 Inject	ion Stoppe	d on Febru	ary 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 Inject	ion Started	l on Septen	nber 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= <b>20</b>	_	_	<1.0
	Ozone Inject	ion Stoppe	d on Febru	ary 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 Inject	ion Started	l on Septen	nber 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 Inject	ion Stoppe	d on Febru	ary 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



			CUMUI	LATIVE GRO		<b>Table 1</b> ER LABORAT er Maz Glass US		LYTICAL RF	SULTS			
Well	Sample	GW	GW		Groundwater Concentration, in micrograms per liter (ug/L)							
ID	Date	Depth	Elev.	TPH-G	В	Т	E	Х	OXY	Cr6	Br	Ν
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 Inject	ion Started	l on Septen	nber 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 Inject	ion Stoppe	d on Febru	ary 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	I		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  $\mathbf{Br} = \mathbf{Bromate}$ 

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.

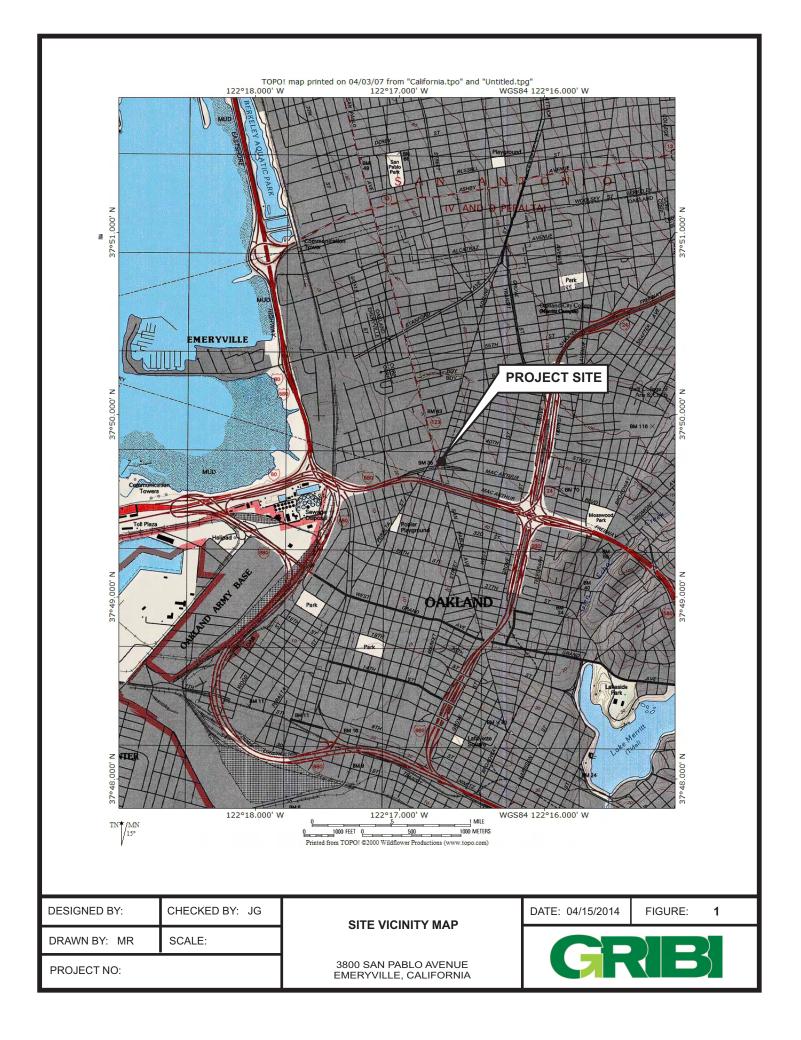
<1.0 = Not detected above the expressed value.

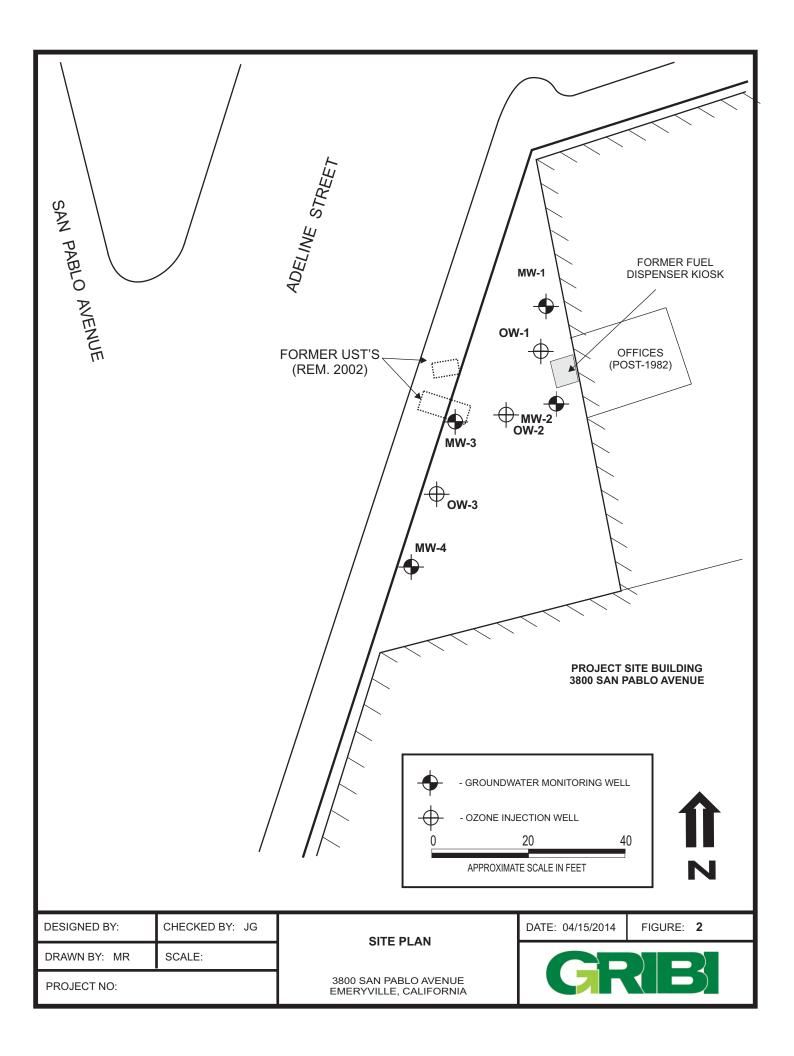
ESL = Environmental Screening Levels, as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board, May 2013.

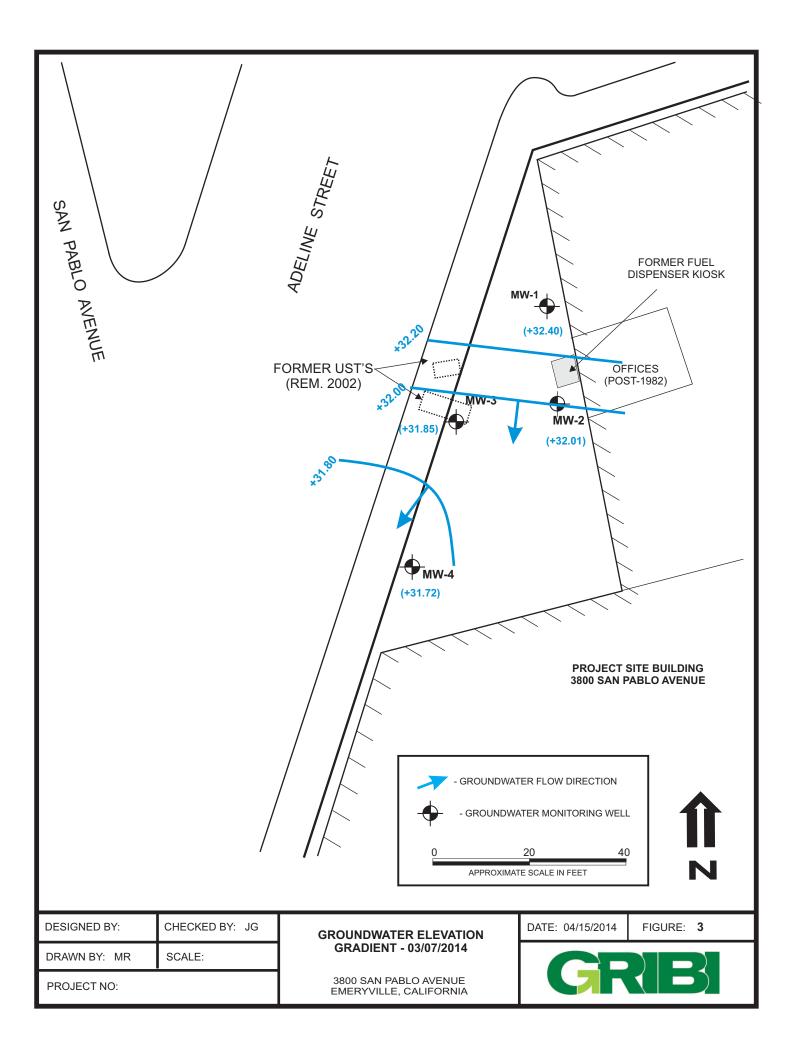


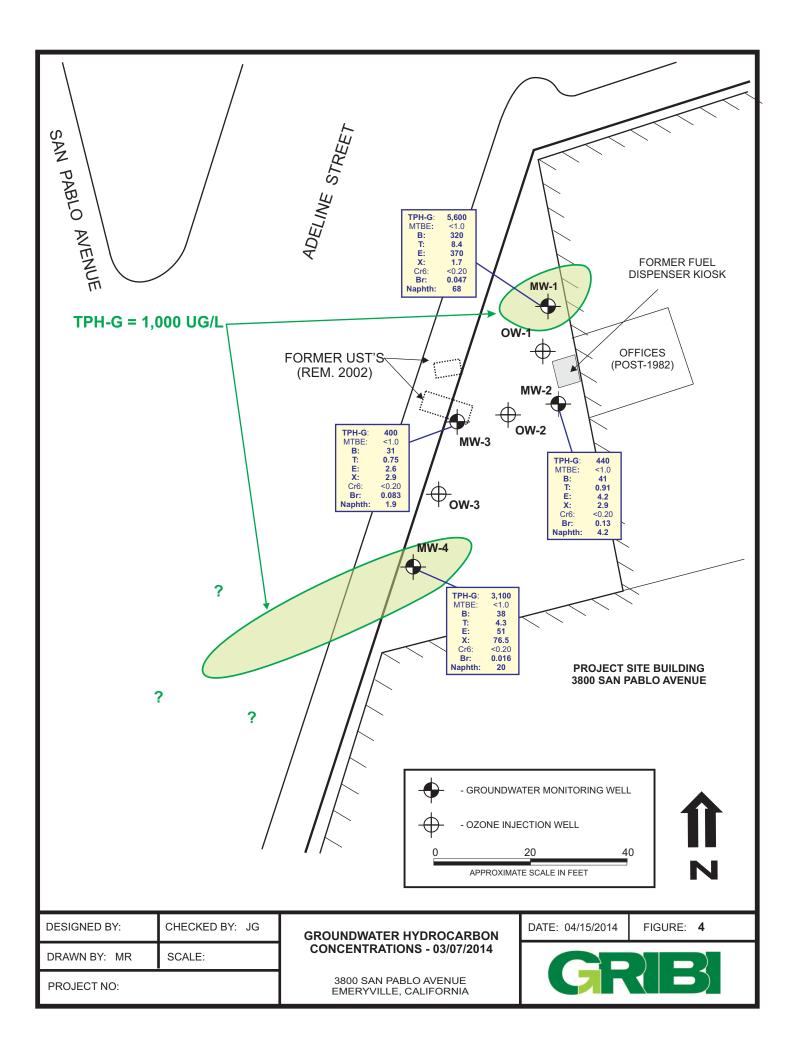
FIGURES











## ATTACHMENT A

### GROUNDWATER MONITORING FIELD DATA RECORDS



### Groundwater Monitoring Field Sheet

Client Name		PABLO AVENUE FURE	Project Name	MAZ GLASS
Sampling Perso	onnel	MAR	Date	3/07/2014
Weather Condi	tions .	clear, cool,	bleezy	
Well ID	MW-1			
Casing Diamet	er (inche	es) 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		×	120 pron pyma
Sample Method		X	120 suran nyan

#### FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	рН	ORP (mV)	Comments
1319				/		/	
1321	Z	18.3	1,035		6.8/		
1323	4	18.3	1,069	/	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		×			4. Rown
Odor		X			He
Turbidity		X			
Sheen	X				
Other:			1		

Sample Time 1330 Sampler's Signature MATC

#### Groundwater Monitoring Field Sheet

Client Name	SAN PABLO AVENUE VENTURE	Project Name	MAZ GLASS
Sampling Perso	inel MAR	Date	3/07/2014
Weather Condit	ons 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
One Well Volume (gal) 2.69	3x Well Volume (gal)

Total Depth (feet)	22.8
Depth to Free Produc	ct
Product Thickness	Ø
3x Well Volume (gal	1) 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		×	120 parge prop
Sample Method			

#### FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	рН	ORP (mV)	Comments
1346				/		/	
1349	2	18.1	1,203	/	6.97		
1352	4	18.1	1,198	/	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	×				
Odor	V-	7			HC
Turbidity	×				
Sheen	X				
Other:					

Sample Time 1400 Sampler's Signature MAD

#### Groundwater Monitoring Field Sheet

Client Name VENTURE	Project Name MAZ GLASS
Sampling Personnel Mar	Date 3/07/2014
Weather Conditions Clear Cool	breezy
	1
Well IDMW-3	
Well ID MW-3 Casing Diameter (inches) 2.0	Total Depth (feet) 22.8
	Total Depth (feet) 22.8 Depth to Free Product
Casing Diameter (inches) 2.0	

Notes:

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

#### FIELD METHODS

Activity	Bailer	Pump	Comments
Purge Method		X	12 purge oum
Sample Method			

#### FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	рН	ORP (mV)	Comments
1414				1			
1417	2	18.1	1,237	/	7.11		
1421	4	18.2	1,188	/	7.14		
1425	6	18.5	1,234	1	711	/	
1428	8	18.8	1,259	'	6.99		

#### SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	×				
Odor	x-	>			He
Turbidity	X				
Sheen	X				
Other					

Sample Time 1430

Sampler's Signature MAT

### Groundwater Monitoring Field Sheet

		PABLO AVE TURE	INUE		Project Name	MAZ GLASS	
Sampling Perso	onnel	MAR	2		Date	3/07/2014	
Weather Condi	tions	Clegr	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	
One Well Volume (gal) 2.73	3x Well Volume (gal) 8. 2	

One Notes:

Casi

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		×	120 purge Dums		
Sample Method					

#### FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	рН	ORP (mV)	Comments
1440				/		./	
N43	2	17.4	1,169	/	6.61	/	
1447	4	17.4	1.174		6.61		
1450	6	17.6	1,164	/	661		
1454	8	17.8	1,149	/	6.61		

#### SAMPLE OBSERVATIONS

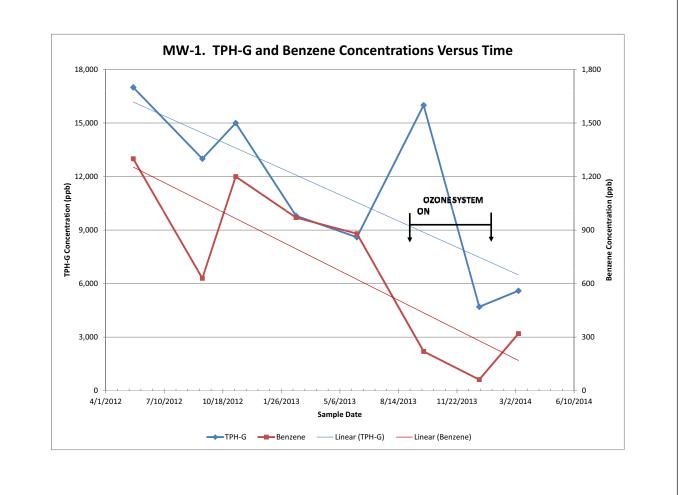
Characteristic	None	Slight	Moderate	Strong	Comments
Color	×				
Odor		X	_		HC
Turbidity	X				
Sheen	X				
Other:					

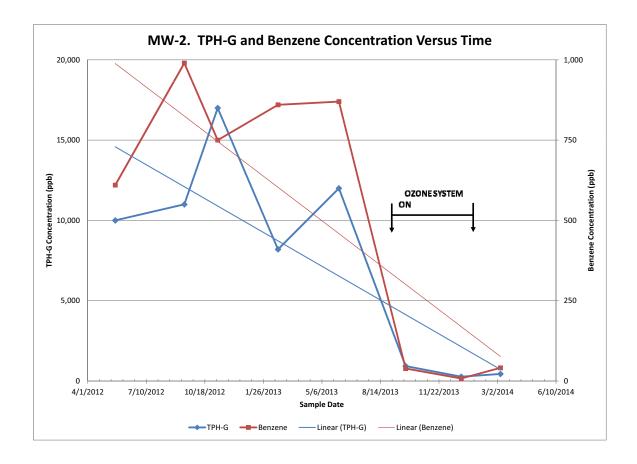
Sample Time 1455 Sampler's Signature MAR

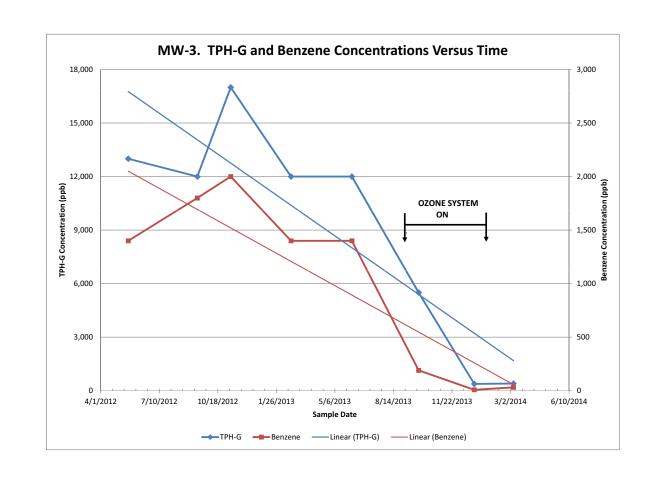
# ATTACHMENT B

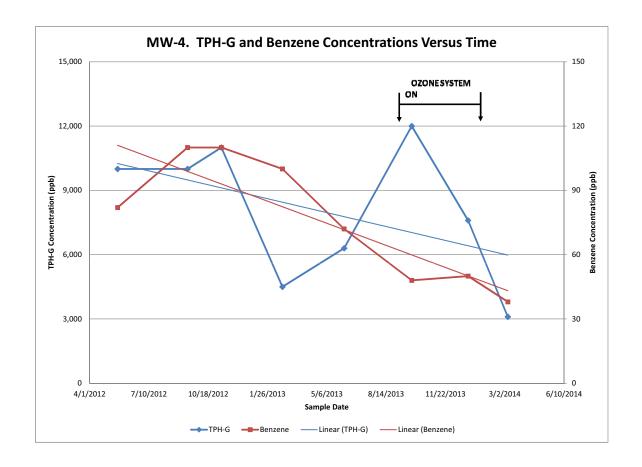
### **GROUNDWATER HYDROCARBON TRENDS**











## ATTACHMENT C

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





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

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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 Running Crane

Katherine RunningCrane Project Manager



Gribi Associates

Benicia CA, 94510

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

#### Project: Maz Glass 1090 Adam Street, Suite K Project Number: [none] Reported: 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 Running Crane

Katherine RunningCrane, Project Manager

Page 1 of 8

Gribi Associates		Proje	ct: Maz	Glass					
1090 Adam Street, Suite K		Project Numb						Reported:	
Benicia CA, 94510		Project Manag		,				03/18/14 08	
Beineia CA, 94510		rojeet manag	cr. Jill C	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				05/10/14 00	.50
		N	/W-1						
		T14044	9-01 (W	ater)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
		SunStar La	honoto	ming Inc					
		Sunstar La	aborato	ries, mc.					
Volatile Organic Compounds by E	PA Method 826	B							
Naphthalene	68	1.0	ug/l	1	4031224	03/12/14	03/14/14	EPA 8260B	
Naphthalene Senzene	68 320	1.0 2.5		1 5				"	
Naphthalene Senzene	68 320 8.4	1.0 2.5 0.50		-					
Naphthalene Senzene Foluene	68 320 8.4 370	1.0 2.5		5				"	
Yaphthalene Senzene Foluene Ethylbenzene n,p-Xylene	68 320 8.4 370 88	1.0 2.5 0.50 2.5 1.0		5 1 5 1				"	
Yaphthalene Senzene Foluene Ethylbenzene n,p-Xylene	68 320 8.4 370	1.0 2.5 0.50 2.5		5 1 5					
Vaphthalene Senzene Foluene Ethylbenzene n.p-Xylene >-Xylene	68 320 8.4 370 88	1.0 2.5 0.50 2.5 1.0		5 1 5 1				"	
Vaphthalene Senzene Foluene Ethylbenzene n,p-Xylene Xylene Fert-amyl methyl ether	68 320 8.4 370 88 1.7	1.0 2.5 0.50 2.5 1.0 0.50		5 1 5 1					
Vaphthalene Senzene Foluene Stihylbenzene n,p-Xylene -Xylene Fert-amyl methyl ether Fert-butyl alcohol	68 320 8.4 370 88 1.7 ND	1.0 2.5 0.50 2.5 1.0 0.50 2.0		5 1 5 1 "				" " "	
Vaphthalene Senzene Foluene Ethylbenzene n.p-Xylene -Xylene Fert-amyl methyl ether Fert-amyl methyl ether Fert-butyl alcohol Di-isopropyl ether	68 320 8.4 370 88 1.7 ND ND	1.0 2.5 0.50 2.5 1.0 0.50 2.0 10		5 1 5 1 "	11 11 11 11 11			" " " "	
Vaphthalene Senzene Foluene Chylbenzene n.,D-Xylene Xylene Xylene Fert-amyl methyl ether Tert-butyl alcohol D-isopropyl ether Ethyl tert-butyl ether	68 320 8.4 370 88 1.7 ND ND ND	$ \begin{array}{r} 1.0\\ 2.5\\ 0.50\\ 2.5\\ 1.0\\ 0.50\\ 2.0\\ 10\\ 2.0\\ \end{array} $		5 1 5 1 "		" " " "			
Naphthalene Benzene Eoluene Ethylbenzene n.p-Xylene D-Xylene Fert-amyl methyl ether Fert-butyl alcohol Di-isopropyl ether Ethyl tert-butyl ether Methyl tert-butyl ether	68 320 8.4 370 88 1.7 ND ND ND ND	1.0 2.5 0.50 2.5 1.0 0.50 2.0 10 2.0 2.0		5 1 5 1 " "				" " " " "	
Naphthalene Benzene Foluene Ethylbenzene m.p-Xylene D-Xylene D-Xylene D-Xylene D-isopropyl ether Ethyl tert-butyl alcohol Di-isopropyl ether Ethyl tert-butyl ether Methyl tert-butyl ether C6-C12 (GRO)	68 320 8.4 370 88 1.7 ND ND ND ND ND	$ \begin{array}{c} 1.0\\ 2.5\\ 0.50\\ 2.5\\ 1.0\\ 0.50\\ 2.0\\ 10\\ 2.0\\ 2.0\\ 1.0\\ \end{array} $		5 1 5 1 " " " "					
Volatile Organic Compounds by E Naphthalene Benzene Toluene Ethylbenzene Ethylbenzene Di-sopropylether Ert-amyl methyl ether Tert-butyl alcohol Di-isopropyl ether Ethyl tert-butyl ether Methyl tert-butyl ether C6-C12 (CRO) Surrogate: Toluene-d8 Surrogate: 4-Bromofluorobenzene	68 320 8.4 370 88 1.7 ND ND ND ND ND	$ \begin{array}{c} 1.0\\ 2.5\\ 0.50\\ 2.5\\ 1.0\\ 0.50\\ 2.0\\ 10\\ 2.0\\ 1.0\\ 50\\ \end{array} $	, , , , , , , , , , , , , , , , , , ,	5 1 5 " " " "					

SunStar Laboratories, PROVIDING QUALITY ANALYTICAL SURVICES N								712 Commercer Forest, Califor 949.297.5( 949.297	nia 9263 )20 Pho
Gribi Associates		5	ct: Maz G						
1090 Adam Street, Suite K		Project Numb	. ,					Reported	
Benicia CA, 94510	F	roject Manag	er: Jim Gr	ibi				03/18/14 08	:56
		-	/W-2						
		T14044	9-02 (Wa	ter)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
		SunStar La	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
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-		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	83.5-		"	"	"	"	
Surrogate: Dibromofluoromethane		91.1%	81.1-	1.24	"	"	"	"	

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Katherime Running Crane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.

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Katherine Running Crane

Katherine RunningCrane, Project Manager

Page 2 of 8

Page 3 of 8

Gribi Associates		Dusia		C1					
1090 Adam Street, Suite K		Proje Project Numb	ct: Maz (					<b>D</b>	
		5		,				Reported: 03/18/14 08	
Benicia CA, 94510	P	roject Manag	er: Jim G	ribi				03/18/14 08	:56
		N	AW-3						
		T14044	9-03 (W	ater)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborator	rios Inc					
		Sunstai La	aborator	nes, me.					
	PA Method 8260	В							
Naphthalene	1.9	1.0	ug/l	1	4031224	03/12/14	03/14/14	EPA 8260B	
Naphthalene Benzene	1.9 31	1.0 0.50							
Naphthalene Benzene Foluene	1.9 31 0.75	1.0 0.50 0.50							
Vaphthalene Benzene Foluene Ethylbenzene	1.9 31 0.75 2.6	1.0 0.50 0.50 0.50							
Naphthalene Senzene Foluene Ethylbenzene n,p-Xylene	1.9 31 0.75 2.6 2.9	1.0 0.50 0.50 0.50 1.0							
Vaphthalene Senzene Foluene Ethylbenzene n.p-Xylene J-Xylene	1.9 31 0.75 2.6 2.9 ND	1.0 0.50 0.50 0.50 1.0 0.50						" " " "	
Vaphthalene Senzene Foluene Ethylbenzene n,p-Xylene Xylene Fert-amyl methyl ether	1.9 31 0.75 2.6 2.9 ND ND	$ \begin{array}{r} 1.0\\ 0.50\\ 0.50\\ 1.0\\ 0.50\\ 2.0 \end{array} $						" " " "	
Vaphthalene Senzene Foluene Ethylbenzene n,p-Xylene -Xylene Fert-amyl methyl ether Fert-butyl alcohol	1.9 31 0.75 2.6 2.9 ND ND ND	$ \begin{array}{c} 1.0\\ 0.50\\ 0.50\\ 1.0\\ 0.50\\ 2.0\\ 10 \end{array} $			11 11 11 11 11			"	
Naphthalene Senzene Foluene Zithylbenzene n,p-Xylene Xylene Fert-amyl methyl ether Fert-amyl methyl ether Fert-butyl alcohol Di-isopropyl ether	1.9 31 0.75 2.6 2.9 ND ND ND ND	$\begin{array}{c} 1.0 \\ 0.50 \\ 0.50 \\ 1.0 \\ 0.50 \\ 2.0 \\ 10 \\ 2.0 \end{array}$				" " " "		" " " " " "	
Vaphthalene Senzene Foluene Ethylbenzene n.p-Xylene Xylene Fert-anyl methyl ether Fert-butyl alcohol D-isopropyl ether Ethyl tert-butyl ether	1.9 31 0.75 2.6 2.9 ND ND ND ND	$ \begin{array}{c} 1.0\\ 0.50\\ 0.50\\ 1.0\\ 0.50\\ 2.0\\ 10 \end{array} $			11 11 11 11 11 11 11			"	
Naphthalene Senzene Foluene Ethylbenzene n.p-Xylene >-Xylene Fert-sutyl ether Fert-butyl alcohol D-isopropyl ether Ethyl tert-butyl ether	1.9 31 0.75 2.6 2.9 ND ND ND ND	$\begin{array}{c} 1.0 \\ 0.50 \\ 0.50 \\ 1.0 \\ 0.50 \\ 2.0 \\ 10 \\ 2.0 \end{array}$				" " " "		" " " " " "	
Naphthalene Benzene Foluene Ethylbenzene m.p-Xylene o-Xylene Tert-amyl methyl ether Tert-butyl alcohol Di-isopropyl ether Ethyl tert-butyl ether Methyl tert-butyl ether	1.9 31 0.75 2.6 2.9 ND ND ND ND	$\begin{array}{c} 1.0\\ 0.50\\ 0.50\\ 0.50\\ 1.0\\ 0.50\\ 2.0\\ 10\\ 2.0\\ 2.0\\ 2.0\end{array}$			11 11 11 11 11 11 11			" " " " " " "	
Naphthalene Benzene Foluene Ethylbenzene m.p-Xylene o-Xylene Tert-amyl methyl ether Tert-butyl alcohol Di-isopropyl ether Ethyl tert-butyl ether Methyl tert-butyl ether C6-C12 (GRO)	1.9 31 0.75 2.6 2.9 ND ND ND ND ND	$\begin{array}{c} 1.0\\ 0.50\\ 0.50\\ 0.50\\ 1.0\\ 0.50\\ 2.0\\ 10\\ 2.0\\ 2.0\\ 1.0\\ \end{array}$							
Volatile Organic Compounds by E Naphthalene Benzene Toluene Ethylbenzene m,p-Xylene o-Xylene Tert-amyl methyl ether Tert-butyl alcohol Di-isopropyl ether Ethyl tert-butyl ether Methyl tert-butyl ether C6-C12 (GRO) Surrogate: Toluene-d8 Surrogate: 4-Bromofluorobenzene	1.9 31 0.75 2.6 2.9 ND ND ND ND ND	$\begin{array}{c} 1.0\\ 0.50\\ 0.50\\ 0.50\\ 1.0\\ 2.0\\ 10\\ 2.0\\ 2.0\\ 1.0\\ 50\\ \end{array}$	" " " " " " " " " " " " "						

SunStar Laboratories, PROVIDING QUALITY ANALYTICAL SURVICES N								712 Commercer Forest, Califor 949.297.50 949.297.	nia 9263 20 Pho
Gribi Associates		Proje	ct: Maz C	lass					
1090 Adam Street, Suite K		Project Numb						Reported:	
Benicia CA, 94510	1	Project Manag	er: Jim G	ribi				03/18/14 08	:56
		N	/W-4						
		T14044	9-04 (Wa	nter)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aborator	ies, Inc.					
Volatile Organic Compounds by E									
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 71	0.50							
m,p-Xylene 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	"	"	"	"	
						"		"	

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Katherine Running Crane

Katherine RunningCrane, Project Manager

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Page 4 of 8

Page 5 of 8

SunStar Laboratories, J PROVIDENCI QUALITY ANALYTICAL SERVICES NAT									orest, Calif 949.297	centre Driv fornia 9263 .5020 Phon 97.5027 Fa
Gribi Associates		Pr	oject: M	az Glass						
1090 Adam Street, Suite K		Project Nu	mber: [n	one]					Report	ed:
Benicia CA, 94510		Project Mar	nager: Jin	n Gribi					03/18/14	08:56
Volatile	Organic Co	mpounds b	oy EPA	Method	8260B -	Qualit	y Contro	ol		
		SunStar	Labor	atories, l	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	1: 03/13/14	ŀ		
Naphthalene	ND	1.0	ug/l							
Benzene	ND	0.50								
Foluene	ND	0.50	"							
Ethylbenzene	ND	0.50								
n,p-Xylene	ND	1.0								
-Xylene	ND	0.50	"							
Fert-amyl methyl ether	ND	2.0	"							
Fert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
dethyl 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	1: 03/13/14	Ļ		
Chlorobenzene	19.2	1.0	ug/l	20.0		96.2	75-125			
,1-Dichloroethene	17.3	1.0	"	20.0		86.7	75-125			
Frichloroethene	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		101	83.5-119			
Surrogate: Dibromofluoromethane	7.56		"	8.00		94.5	81.1-136			
Matrix Spike (4031224-MS1)	So	urce: T14044	8-01	Prepared:	03/12/14	Analyzed	1: 03/13/14	Ļ		
Chlorobenzene	20.4	1.0	ug/l	20.0	ND	102	75-125			
,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-0
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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Katherine RunningCrane, Project Manager

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

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.

	b	unstari	Jaboi	ator 103, 1	nc.					
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

#### Batch 4031224 - EPA 5030 GCMS

Gribi Associates

Matrix Spike Dup (4031224-MSD1)	Sour	ce: T14044	8-01	Prepared:	03/12/14	Analyze	d: 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			

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Katherine RunningCrane, Project Manager

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SunStar Laboratories, Inc. PROVIDENT QUALITY ANALYTICAL SERVICES NATIONALIDE		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
	Notes and Definitions	
014.05 771 11		

- 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



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Katherine Running Crane

Katherine RunningCrane, Project Manager

1090 Adams Street, Suite K Benicia, CA 94510 Tele: (707) 748-7743 Client Name: San Pablo Avenue Ventures Project Name: Maz Glass Somear Ciracture Report To: James Gribi Company: Gribi Associates SAMPLE ID MW-4 MW-1 MW-2 MW-3 der Signatu hed B 
 LAKE FOREST, CA 92630

 Website:
 <u>mvm-SUNSTARLABS.com</u>

 Telephone:
 (949)

 297-5020
 Fax:
 LOCATION/ Field Point Name 20 8 2 0 SUNSTAR LABORATORIES 25712 COMMERCENTRE DRIVE LAKE FOREST, CA 92630 3/07 23/1/14 Date: Date SAMPLING 2 0930 1430 Thne 870 Time E-Mail: Fax: (767)748-7763 Global ID: 106019788682 Bill To: 4 4 4 4 # Containers voa voa VOa **Type Containers** XXXX Water MATRIX Soil Air Sludge Other  $\times \times \times$ Ice > XXX HCI × HNO<sub>3</sub> Other GOOD CONDITION HEAD SPACE ASSENT DECHLORINATED IN LAB APPROPRIATE CONTAINERS PRESERVED IN LAB VOAS O&G TPH-Gas, BTEX, MTBE (8015M/8021B) CHAIN OF CUSTODY RECORD TURN AROUND TIME Q Q Q Q Q Q RUSH 24 HR 48 HR 72 HR 5 DAY Geo Tracker EDF Q PDF Q Excel Q Write On (DW) TPH-Gas (8015M) TPH-Diesel (8015M) TPH-Motor Oil (8015M) TPH-Gas, BTEX, MTBE (8260B) TPH-Gas, BTEX, 5 Oxygenates (8260B) XXXX TPH-Gas, BTEX, 7 Oxygenates (\$260B) 5 Oxygenates (8260B) METALS pH<2 Lead Seavengers [1,2 DCA & 1,2 EDB] (8260B) VOC's - Full List (8260B) Halogenated VOC's (8260B) OTHER 3.11.14 S SVOC's (8270) 5 XXXX Naphthalene (8260B) TAT 3 Filter Samples for Metals analysis: Yes / No Commenu

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SunStar Laborat PROVIDING QUALITY ANALYTIK	Ories, Inc.				Page 1 of	
	SAMPLE RECEI	VING REVIE	W SH	EET		
BATCH #	<u>T140449</u>					
lient Name:	GRIBI	Project:	Maz G	CASS		. '
eceived by:	Summy	Date/Time R	eceived:	<u>3-11-14 /</u>	8:40	-
Pelivered by : [	Client SunStar Courier	⊠GSO □FedEx	Other			-
otal number of c	oolers received	Temp criteria = 6°C	C > 0°C (no	f <u>rozen</u> con	tainers)	
emperature: cool	er #1 <u>5.9</u> °C +/- the CF (- 0.	2°C) = <u>5,2</u> °C corre	ected temperati	ire		
c00]	ler #2°C +/- the CF (- 0.	.2°C) =°C corr	ected temperati	ire		
cool	ler #3°C +/- the CF (- 0.	.2°C) =°C corr	ected temperati	ire		
amples outside te	emp. but received on ice, w/in 6 h	ours of final sampling.	⊠Yes	]]No*	N/A	
Custody Seals Intr	act on Cooler/Sample		⊠Yes	No*	□N/A	
ample Container	s Intact		⊠Yes	∐No*		
ample labels mat	tch COC ID's		∐Yes	∐No*		
otal number of c	ontainers received match COC		∐Yes	⊡No*		
roper containers	received for analyses requested o	n COC	Yes	⊡No*		
roper preservativ	e indicated on COC/containers for	or analyses requested	Yes	No*	□n/A	
	nt received in good condition with within method specified holding t			ibels, volu	nes	
Complete Non-Co	onformance Receiving Sheet if checke	ed Cooler/Sample I	Review - Initi	als and date	81_3.11.14	_
Comments:						
· · · · · · · · · · · · · · · · · · ·						-
						~
		· .			-	-

McCar	mpbell Analytical, Inc. "When Quality Counts"
A	nalytical 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 revi Question about your data?	ewed & approved for release on 03/13/2014 by:

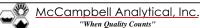
<u>Click here to email</u> <u>McCampbell</u> Angela Rydelius, Laboratory Manager

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Page 1 of 10



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### **Glossary of Terms & Qualifier Definitions**

Client:	Gribi Associates
Project:	Maz Glass
WorkOrder:	1403234

#### Glossary Abbreviation

ADDIEVIATION	
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

		Toll http://	Free Telephone	:: (877) 252-9262 / Fax: (925) 252-9 ell.com / E-mail: main@mccampbel	0269 Il.com		AcCampbell Analytical, li "When Quality Counts"	Tol http://	Free Telephone: (8 /www.mccampbell.o	77) 252-9262 / Fax: (925) 252-9269 com / E-mail: main@mccampbell.com	1
	An	alytical Re	port				An	alytical Re	port		
lient:     Gribi Associates       roject:     Maz Glass       vate Received:     3/7/14 16:48       vate Prepared:     3/7/14		Ez		: 1403234 <b>fethod:</b> E218.6 <b>fethod:</b> E218.6 µg/L		Client: Project: Date Receive Date Prepare	Gribi Associates Maz Glass d: 3/7/14 16:48 ed: 3/8/14	E		1403234 thod: E300.1 thod: E300.1 mg/L	
	I	Hexachrome by 1	IC				Inorganic An	ions - Disinfecti	on By-Prod	lucts	
lient ID	Lab ID	Matrix/ExtType	Date Col	lected Instrument	Batch ID	Client ID	Lab ID	Matrix/ExtType	Date Collec	cted Instrument	
IW-1	1403234-001A	Water	03/07/2014	4 13:30 IC2	87892	MW-1	1403234-001B	Water	03/07/2014 13	3:30 IC3	
Analytes Hexachrome	<u>Result</u> ND		<u>RL</u> 0.20	<u>DF</u> 1	Date Analyzed 03/07/2014 21:16	<u>Analytes</u> Bromate	<u>Resuit</u> 0.047		<u>RL [</u> 0.0050 1	<u>DF</u>	<u>Date</u> 03/08
MW-2	1403234-002A	Water	03/07/2014	4 14:00 IC2	87892	MW-2	1403234-002B	Water	03/07/2014 14	4:00 IC3	
Analytes Hexachrome	<u>Result</u> ND		<u>RL</u> 0.20	<u>DE</u> 1	Date Analyzed 03/07/2014 21:35	<u>Analytes</u> Bromate	<u>Result</u> 0.13		<u>RL [</u> 0.0050 1	DE I	<u>Date</u> 03/08
/W-3	1403234-003A	Water	03/07/2014	4 14:30 IC2	87892	MW-3	1403234-003B	Water	03/07/2014 14	4:30 IC3	
Analytes Hexachrome	<u>Result</u> ND		<u>RL</u> 0.20	<u>DF</u> 1	<u>Date Analyzed</u> 03/07/2014 21:55	<u>Analytes</u> Bromate	<u>Result</u> 0.083		<u>RL [</u> 0.0050 1	DE I	<u>Date</u> 03/08
//W-4	1403234-004A	Water	03/07/2014	4 14:55 IC2	87892	MW-4	1403234-004B	Water	03/07/2014 14	4:55 IC3	
Analytes Hexachrome	<u>Result</u> ND		<u>RL</u> 0.20	<u>DF</u> 1	Date Analyzed 03/07/2014 22:14	<u>Analytes</u> Bromate	<u>Result</u> 0.016		<u>RL [</u> 0.0050 1	DE I	<u>Date</u> 03/08

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McCampbell Analytical, Inc. "When Quality Counts"

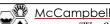
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### **Quality Control Report**

				1403199-001AN	1S/MSD	
Project:	Maz Glass		Sample ID:	MB/LCS-87892	IS/MSD	
Matrix:	Water		Unit:	μg/L		
Instrument:	IC2		Analytical Method:	E218.6		
Date Analyzed:	3/7/14		Extraction Method	E218.6		
Date Prepared:	3/7/14		BatchID:	87892		
Client:	Gribi Associates		WorkOrder:	1403234		

	Result	Result		Val	SS %REC	%REC	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**

Bromate		ND	0.04178	0.0050	0.040	-	104	85-11
Analyte		MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
		QC Sur	nmary Rep	ort for E300.1				
Project:	Maz Glass			Sample ID:		/LCS-87909 3105-001AN	IS/MSD	
Matrix:	Water			Unit:	mg			
Instrument:	IC3			Analytical Met	thod: E30	00.1		
Date Analyzed:	3/7/14			Extraction Me	thod: E30	00.1		
Date Prepared:	3/7/14			BatchID:	879	09		
Client:	Gribi Associates			WorkOrder:	140	3234		

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

CDPH ELAP 1644 ♦ NELAP 4033ORELAP

CDPH ELAP 1644 ♦ NELAP 4033ORELAP

\_\_\_\_\_QA/QC Officer Page 6 of 10

McCampbell Analytical, Inc 1534 Willow Pass Rd Physhore: CA 94565-1701	alytical, Inc	i			CHAIN-	CHAIN-OF-CUSTODY RECORD	TODY	RECORD	Ps	Page 1 of	_
(925) 252-9262	_	WaterTrax	WriteOn	EDF		WorkOrder: 1403234 JExcel EQuIS	Clien Clien	ClientCode: GRIB ii	ThirdParty	ty	lag
Report to: Matt Rosman Gribi Associates 1090 Adams St., Suite K Benicia, CA 94510 (707) 748-7743 FAX: (707) 748-7763		Email: mrosman@ cc3ad Party PO: ProjectNo: Maz Glass	nan@gribias 3lass	mrosman@gribiassociates.com; TFerrell@ Maz Glass	Bill t	Billo: Terry Ferrell Gribi Associates 1090 Adams St., Suite K Benicia, CA 94510	s , Suite K	Reque Date Date	Requested TAT: Date Received: Date Printed:	03/( 03/(	5 days 03/07/2014 03/07/2014
4			444			•	Requested Te	Requested Tests (See legend below)		÷	;
140223-001 140223-4001 140223-4003 140323-4003 1403234-004	MW-1 MW-2 MW-3 MW-4			37/2014 13:30 37/2014 14:00 37/2014 14:30 37/2014 14:55		0 <		• • •	»	2	2
Test Legend:           1         218.6 W           6         11	2	300_1SPE_W		3 PRED 8	PREDF REPORT	46			5		
Comments:								Preps	Prepared by: Jena Alfaro	ena Alfar	
	IOTE: Soil sample	s are discarded 6 Hazaπ	50 days after r dous samples	esults are reported s will be returned to	d unless other a	rrangements are rr sed of at client exp	lade (Water sa	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.			
											rage / 01.10
McC	McCampbell Analytical, Inc. "When Quality Counts"	Analytica lity Counts"	al, Inc.			1534 Wil Toll Free Tel http://www.me	1534 Willow Pass Road, Pittsburg, CA Toll Free Telephone: (877) 252-9262 / Fax: http://www.inccampbell.com / E-mail: main@	sburg, CA 94565-1701 2262 / Fax: (925) 252-9269 nail: main@mccampbell.corr	69 100		
			M	WORK ORDER SUMMARY	ER SUM	MARY					
Client Name: GRIBI ASSOCIATES Project: Maz Glass	ATES			QC Level: Client Contact:	QC Level: LEVEL 2 it Contact: Matt Rosman	2 sman			Work Order: Date Received:	Drder: 12 xeived: 37	1403234 3/7/2014
Comments:	□WaterTrax	WriteOn	EDF		nail: mrosmar TFerrell	Contact's Email: mrownan@gribiassociates.com; TFerrell@gribiassociates.com Excel	s.com; .com HardCopy	opy	ty 🗍 J-flag	ße	
Lab ID Client ID	Matrix	x Test Name		Cor	Number of Bottl Containers	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment 1 Content	Hold SubOut
1403234-001A MW-1 1403234-001B MW-1	Water		E218.6 (Hexachrome) E300.1 (Inoreanic Anions DBP)	0BP)	1 125m Ns 1 25	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3 250mL aG w/ EDA		3/7/2014 13:30 3/7/2014 13:30	5 days 5 days	Present	
	Water		achrome)	×	1 125m M	L HDPE w/ NaB4 /		3/7/2014 14:00		Present	
	Water		E300.1 (Inorganic Anions DBP) <bromate></bromate>	JBP)	1 25	250mL aG w/ EDA		3/7/2014 14:00		Present	
	Water		(achrome)		1 125m Ns	125mL HDPE w/ NaB4 / Na2CO3 / KHCO3		3/7/2014 14:30		Present	
1403234-003B MW-3 1403234-004A MW-4	Water		E300.1 (Inorganic Anions DBP) <bromate> E218.6 (Hexachrome)</bromate>	)BP)	1 25 1 125m	0mL aG w/ EDA L HDPE w/ NaB4 /		3/7/2014 14:30 3/7/2014 14:55	5 days 5 days	Present	
1403234-004R MW-4	Water		anic Anions D	)RP)		Na2CO3 / KHCO3 250mL aG w/ FDA		3/7/2014 14:55		Present	
			Bronutes								
* NOTE: 9 Bottle Legend:	STLC and TCL	P extractions (i.e., 24	s require 44 4hr TAT yit	8 hrs to comp elds results in	lete; therefo 172 hrs from	re, all TATs be sample subm	egin after th ission).	* 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).	completed	σ	
135mL HDPE w/ NaB4/Na2C03/ KHCO3 = 125mL HDPE Bottle w/ Borate-Hydroxide Buffer 250mL aG w/ EDA = 250mL Amber Glass Jar w/ EDA	(HCO3 = 125mL I r Glass Jar w/ EDA	HDPE Bottle w/ B	8orate-Hydrox	ide Buffer					C		
									Ţ	Page 1	1 of 1

Page 8 of 10

P. A.S. Contract         Bill To:           Anthone State List List List         Anthone State List List List           Anthone State List List List         Anthone State List List List           Anthone State List List List         Anthone State List List List           Anthone State List List List         Anthone State List List List           Anthone State List List         Anthone State List List List List List List List List	Report To: PL: AS-Scath     Bill To:       Company: GdBI ASSOCIATS:     Company: GdBI ASSOCIATS:       Feb: (707) 748-7743.     Ent. (707) 748-7743.       Feb: (707) 748-7743.     Feb: (707) 748-7743.       Souther Feb: (708) 6481 (718 Control on a		1534 Willow Pass Rd. / Pittsburg, Ca. 94565-1701 www.mccampbell.com / main@mccampbell.com Telephone: (877) 252-9262 / Fax: (925) 252-9269	1534 Willow Pass Rd. / Pittsburg, Ca. 94665-1701 w.mccampbell.com / main@mccampbell.com telephone: (877) 252-9262 / Fax: (925) 252-9269	ell.con 7) 252	/ Pith n / r -926	tsbur 2 / F	0, 0 (0 (0 (0) (0) (0) (0) (0) (0) (0) (0)	925)	4565 mpb 252	-170 ell.c	- E a				E O A	URN eoTra	AR ocker	TURN AROUND TIME: RUSH GeoTracker EDPX PDFX EDD Effluent Sample Requiring "J" flag	Requi	PDF	E RU:	EDD C		I DAY 2 D/ Write On (DW)	n (D)	2.D W)	2 P	EQuIS C	AVO D	Clain	5 DA 10 DA	5 DAY A
Contraction         Contraction <thcontraction< th=""> <thcontraction< th=""></thcontraction<></thcontraction<>	Company: GRIBI ASSOCIATES     1000 ADMNSTREET: SUITE     E-Mail:       1000 ADMNSTREET: SUITE     1000 ADMNSTREET: SUITE     E-Mail:       1000 ADMNSTREET: SUITE     E-Mail:     1000 ADMNSTREET: SUITE       1000 ADMNSTREET: SUITE     E-Mail:     1000 ADMNSTREET: SUITE       1000 ADMNSTREET: SUITE     E-Mail:     E-Mail:       1100 ADMU-1     P-Mail:     P-Mail:     P-Mail:       1100 ADMU-1     ALI     P-Mail:     P-Mail:     P-Mail:       1100 ADMU-1     Alie     Alie     P-Mail:     P-Mail:       1100 ADMU-1     Alie     P-Mail:     P-Mail:     P-Mail:       1100 ADMU-1     Alie     P-Mail:     P-Mail:     P-Mail:       1100 ADMU-1     Alie     P-Mail:     P-Mail:		Rosm	4			Bil	1 To:								H							P	nalys	is Re	gues	+						
Revenue         Revenue <t< td=""><td>Constraint     Evention     Evention       Constraint     Evention     Evention       Num     Constraint     Evention       Num     Num     Eventin       Nu</td><td>-</td><td>BI ASSOC</td><td>STREET</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>(1.8</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Constraint     Evention     Evention       Num     Constraint     Evention       Num     Num     Eventin       Nu	-	BI ASSOC	STREET														(1.8			-												
Mile:         Mile: <th< td=""><td>Refer (100) 748-7743     Fax: (700) 748-7745       Refer (100) 748-7743     Fax: (700) 748-7745       Project Name:     Project Name:       Name:     Project Name:</td><td></td><td></td><td></td><td></td><td></td><td>E-J</td><td>Mail:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0 E/B</td><td></td><td></td><td>sia</td><td></td><td></td><td></td><td>-</td><td></td><td>((</td><td>(</td><td></td><td>sis (p</td><td>-</td><td></td><td></td></th<>	Refer (100) 748-7743     Fax: (700) 748-7745       Refer (100) 748-7743     Fax: (700) 748-7745       Project Name:     Project Name:						E-J	Mail:										0 E/B			sia				-		((	(		sis (p	-		
Milet Kignature:     Profect Name:       Dijet Kignature:     Profect Name:       Dijet Kignature:     Profect Name:       Dijet Kignature:     Art Kitoo       SMMPLE ID     Indentified       SMMPLE ID     Indentified       North     Dijet Kignature:       SMMPLE ID     North       North     Difet Kignature:       North     Difet K	Object Learlier     Project Manue       Object Learlier     Project Manue       Object Learlier     Project Manue       SAMPLE ID     Izeation       SAMPLE ID     Izeation       Martin Sparrate     AMPLANC       Martin Sparrate     AMPLANC       SAMPLE ID     Izeation       Martin Sparrate     AMPLANC       Name     District Learlier       Name     Name       Name     District Learlier       Name     Name       Name     District Learlier	ele: (707) 748	-7743				Fax	x: ( )	(10)	748	7763					\$10		755	(		nogn		(		_	_		0709		eue	-	_	-
Market Institution:     Market Institution:       Triplet Institution:     Average Institution:       AMPLE ID     Institution: <td>Market implies Signatures:     Market immunes     Market immunes     Market immunes     Market immunes       SAMPLE ID Name     Lonstinue     SAMPLE ID Field branc     Lonstinue     Market       Name     Immunes     SAMPLE ID Name     Lonstinue     Market       Name     Immunes     SAMPLE ID Name     Lonstinue     Market       Name     Immunes     Market     Market       Name     Name     Name     Market       Name     Name     Name     Name       Name     Name</td> <td>roject #:</td> <td></td> <td></td> <td></td> <td></td> <td>Pre</td> <td>oject</td> <td>Nam</td> <td>e:</td> <td>10</td> <td></td> <td></td> <td>3</td> <td></td> <td>8/12</td> <td></td> <td>/ †99</td> <td>1.811</td> <td>(5</td> <td>•O /</td> <td>-</td> <td>-</td> <td>(09</td> <td>_</td> <td>(sF)</td> <td>-</td> <td>0/01</td> <td>(</td> <td>etals</td> <td>_</td> <td>_</td> <td></td>	Market implies Signatures:     Market immunes     Market immunes     Market immunes     Market immunes       SAMPLE ID Name     Lonstinue     SAMPLE ID Field branc     Lonstinue     Market       Name     Immunes     SAMPLE ID Name     Lonstinue     Market       Name     Immunes     SAMPLE ID Name     Lonstinue     Market       Name     Immunes     Market     Market       Name     Name     Name     Market       Name     Name     Name     Name       Name     Name	roject #:					Pre	oject	Nam	e:	10			3		8/12		/ †99	1.811	(5	•O /	-	-	(09	_	(sF)	-	0/01	(	etals	_	_	
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M.M.1       3(2)       2       X <thx< th="">       X       <thx< th=""> <thx< td="" th<=""><td>OWE-1     3/14     1330     2     8       MW-2     MW-1     MW-2     MW-2       MW-3     MW-3     MY-30     2       MW-4     MW-4     MY-30     2       MW-4     MW-4     MW-4     MW-4       MW-4     M</td><td>SAMPLE ID</td><td>Location/ Field Poin Name</td><td></td><td>Time</td><td># Containers</td><td>Ground Water</td><td>Waste Water</td><td>Drinking Water</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Total Petroleum I</td><td>08 / 809 /\$0\$ VdH</td><td>E V 908 / 808 D</td><td></td><td></td><td></td><td></td><td></td><td></td><td>LUFT 5 Metals (2</td><td>02 / 7.002) shirefd</td><td>Filter sample for l</td><td>DX2H</td><td>yavers</td><td></td></thx<></thx<></thx<>	OWE-1     3/14     1330     2     8       MW-2     MW-1     MW-2     MW-2       MW-3     MW-3     MY-30     2       MW-4     MW-4     MY-30     2       MW-4     MW-4     MW-4     MW-4       MW-4     M	SAMPLE ID	Location/ Field Poin Name		Time	# Containers	Ground Water	Waste Water	Drinking Water										Total Petroleum I	08 / 809 /\$0\$ VdH	E V 908 / 808 D							LUFT 5 Metals (2	02 / 7.002) shirefd	Filter sample for l	DX2H	yavers	
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MW-4     W MSS     M K       MW-4     W Model     M Address       MM Address     M Address     M Address       M Address     M Address     M Address       M Address	MW-4     W/SST     W/S     W/SST     W/S       Million     Million     Million     Million     Million       MA clients MUST directors any dangerous chemicalis known to be present in their submitted samples in concentrations that may cause immediate harm or serious further staticity.     Million     Million       MM clients MUST directors any dangerous chemicalis known to be present in their submitted samples in concentrations that may cause immediate harm or serious further staticity.     Million     Million       MM clients MUST directors any dangerous chemicalis known to be present in their submitted samples in concentrations that may cause immediate barm or serious further staticity.     Million     Million       Million     Million     Million     Million	NW-3			1430	3	~~			-	-	-	-	-	+	-	-					-	-	-	-						X	1	
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McCampbell Analytical, "When Quality Counts"	<u>, inc.</u>			hone: (877) 252-9262 ampbell.com / E-mail:	/ Fax: (925) 252-9269 main@mccampbell.com
S	ample	Receij	ot Checklist		
Client Name: Gribi Associates			Date and	Time Received:	3/7/2014 4:48:34 PM
Project Name: Maz Glass			LogIn Rev	viewed by:	Jena Alfaro
WorkOrder N°:         1403234         Matrix:         Water			Carrier:	Client Drop-In	
Ch	ain of Cu	ustody (C	OC) Information	L	
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 Pre	servatio	n and Ho	old Time (HT) Info	ormation	
All samples received within holding time?	Yes	✓	No 🗌		
Container/Temp Blank temperature	Coole	er Temp:	4.2°C		
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 Ty	vpe: WE	TICE )			
* NOTE: If the "No" box is checked, see comments below.					