CAMBRIA

June 20, 2000

Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **First Quarter 2000 Monitoring Report**
Shell-branded Service Station
4226 First Street
Pleasanton, California
Incident #98995840
Cambria Project #242-0523-002

Dear Mr. Seery:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

FIRST QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site well, calculated the groundwater elevation, and compiled the analytical data. Cambria prepared a site vicinity map (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

Site Investigation: Cambria installed two onsite monitoring wells on January 18 and 19, 2000. Blaine developed and sampled the wells on February 10, 2000. Cambria's Site Investigation Report will be submitted in the second quarter 2000.

ANTICIPATED SECOND QUARTER 2000 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample all site wells and tabulate the data. Cambria will prepare a monitoring report.

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CLOSING

We appreciate the opportunity to work with you on this project. Please call Barbara Jakub at (510) 420-3309 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Barbara J. Jakub
Project Geologist

Stephan Bork, C.E.G., C. HG.
Associate Hydrogeologist

REGISTERED GEOLOGIST
STEPHAN A. BORK
No. EG 2058
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Figures: 1 - Site Vicinity Map
2 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 91510-7869
Douglas E & Mary M Safreno, 1627 Vineyard Avenue, Pleasanton, CA 94566-6389

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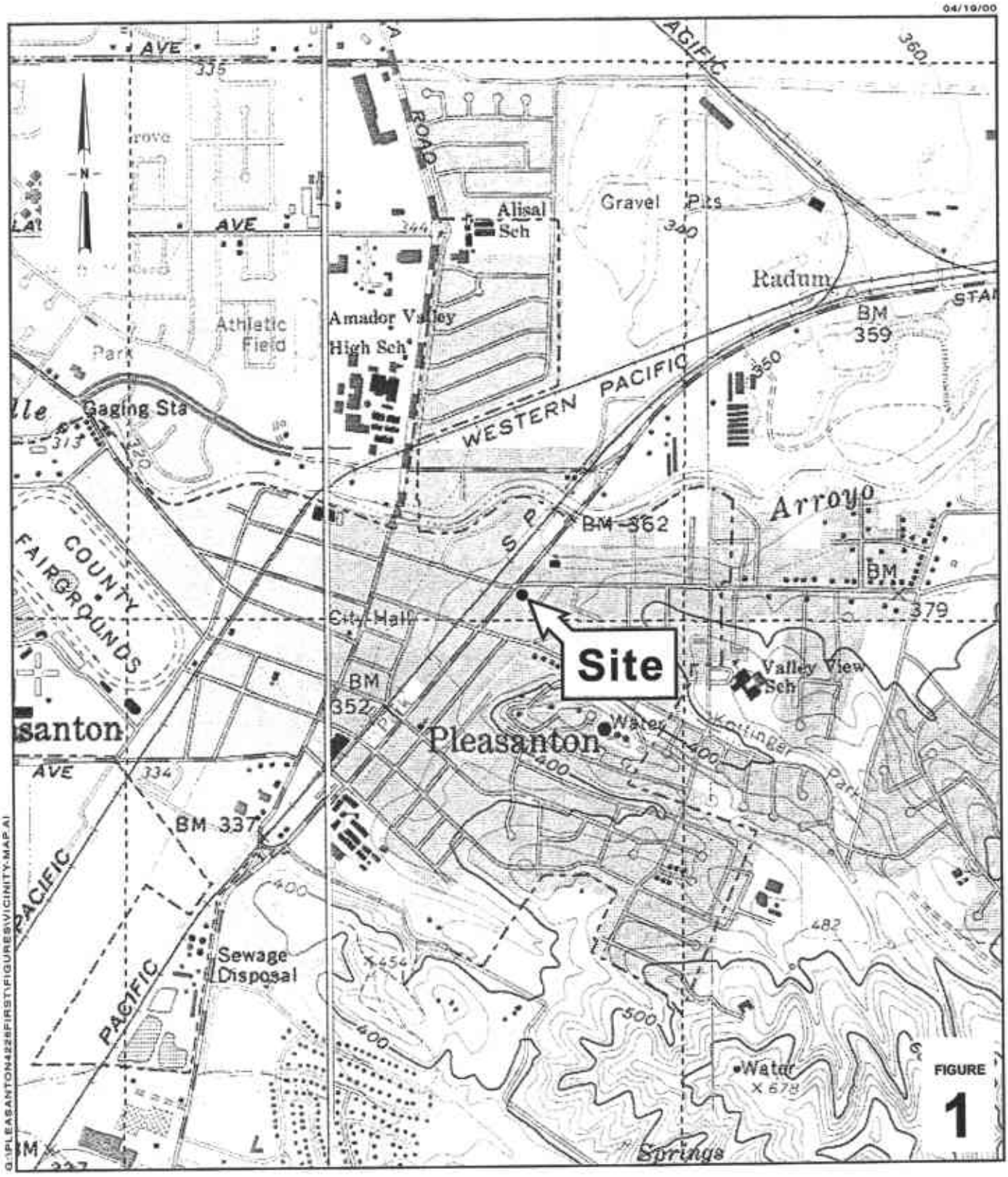

Shell-branded Service Station
4226 First Street
Pleasanton, California
Incident #98995840

CAMBRIA

Vicinity Map

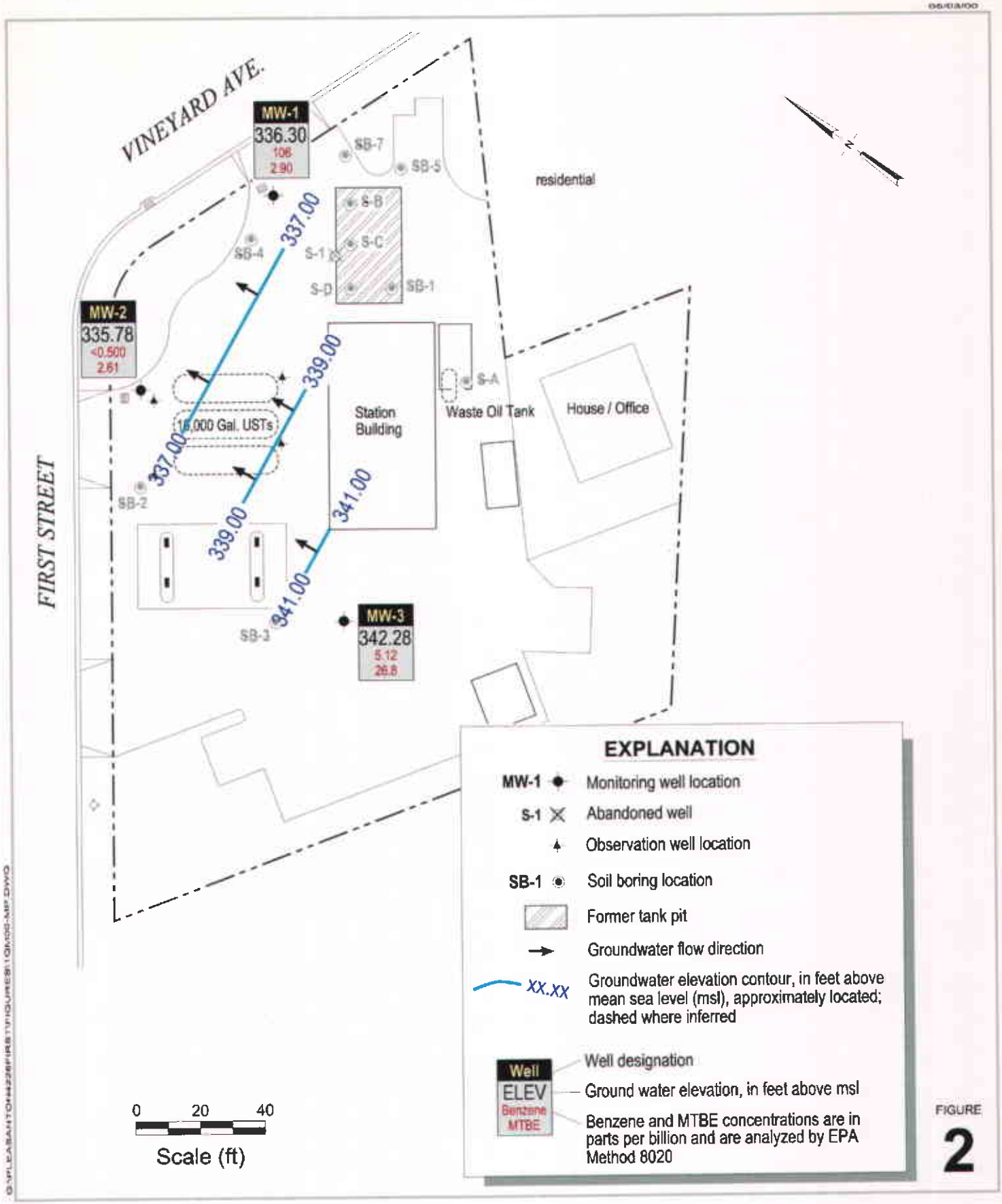

FIGURE
2

Shell-branded Service Station
4226 First Street
Pleasanton, California
Incident #98995840

CAMBRIA

Groundwater Elevation Contour Map

February 10, 2000

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

April 17, 2000

Karen Petryna
Equiva Services LLC
P.O. Box 7869
Burbank, CA 91510-7869

First Quarter 2000 Groundwater Monitoring at
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Monitoring performed on February 3, 7 and 10, 2000

Groundwater Monitoring Report **000210-M-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/jt

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Anni Kreml
Cambria Environmental Technology, Inc.
1144 65th Street, Suite C
Oakland, CA 94608-2411

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	06/16/1999	NA	NA	NA	NA	NA	NA	NA	371.20	37.81	333.39
MW-1	06/30/1999	89.0	5.89	<0.500	<0.500	0.652	<5.00	NA	371.20	33.65	337.55
MW-1	09/24/1999	1,560	473	<10.0	<10.0	22.8	<2.50	NA	371.20	37.04	334.16
MW-1	12/08/1999	1,020	375	<5.00	<5.00	15.2	<50.0	NA	371.20	36.79	334.41
MW-1	02/10/2000	523	106	<5.00	<5.00	31.8	2.90	NA	371.20	34.90	336.30
MW-2	02/03/2000	NA	NA	NA	NA	NA	NA	NA	372.40	32.65	339.75
MW-2	02/07/2000	NA	NA	NA	NA	NA	NA	NA	372.40	35.51	336.89
MW-2	02/10/2000	<50.0	<0.500	<0.500	<0.500	<0.500	2.61	NA	372.40	36.62	335.78
MW-3	02/03/2000	NA	NA	NA	NA	NA	NA	NA	375.05	32.06	342.99
MW-3	02/07/2000	NA	NA	NA	NA	NA	NA	NA	375.05	32.57	342.48
MW-3	02/10/2000	180	5.12	<0.500	<0.500	0.714	26.8	21.5a	375.05	32.77	342.28

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020
MTBE = methyl-tertiary-butyl ether
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = parts per billion
msl = Mean sea level
ft = Feet
<n = Below detection limit
NA = Not applicable

Notes:
Well MW-1 surveyed on May 4, 1999 by Virgil Chavez Land Surveying of Vallejo, California.
Wells MW-1 through MW-3 surveyed on March 19, 2000 by Virgil Chavez Land Surveying of Vallejo, California.
a = Sample was analyzed outside of the EPA recommended holding time.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

March 2, 2000

Nick Sudano
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: Equiva 4226 First Street, Pleasanton

Dear Nick Sudano

Enclosed are the results of analyses for sample(s) received by the laboratory on February 11, 2000.
If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kayvan Kiryal
Project Manager D.M.

CA ELAP Certificate Number 1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	2/10/00
1680 Rogers Avenue	Project Number:	4226 First St.	Received:	2/11/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported:	3/2/00 11:03

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	MJB0473-01	Water	2/10/00
MW-2	MJB0473-02	Water	2/10/00
MW-3	MJB0473-03	Water	2/10/00

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.

Kayvan Kimyai, Project Manager D.M.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
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FAX (408) 782-6308

Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 2/10/00
1680 Rogers Avenue	Project Number:	4226 First St.	Received: 2/11/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 3/2/00 11:03

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1			**MJB0473-01**				**Water**	
Purgeable Hydrocarbons	0B23009	2/23/00	2/23/00	DHS LUFT	500	**523**	ug/l	P-01
Benzene	"	"	"	DHS LUFT	5.00	**106**	"	
Toluene	"	"	"	DHS LUFT	5.00	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	5.00	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	5.00	**31.8**	"	
Methyl tert-butyl ether	"	"	2/22/00	DHS LUFT	2.50	**2.90**	"	M-03
Surrogate: a,a,a-Trifluorotoluene	"	"	*2/23/00*	*70-130*		*86.5*	%	
MW-2			**MJB0473-02**				**Water**	
Purgeable Hydrocarbons	0B23009	2/23/00	2/23/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	**2.61**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*92.0*	%	
MW-3			**MJB0473-03**				**Water**	
Purgeable Hydrocarbons	0B22011	2/22/00	2/22/00	DHS LUFT	50.0	**180**	ug/l	P-01
Benzene	"	"	"	DHS LUFT	0.500	**5.12**	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	**0.714**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	**26.8**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*155*	%	*S-02*

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	2/10/00
1680 Rogers Avenue	Project Number:	4226 First St.	Received:	2/11/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported:	3/2/00 11:03

MTBE by EPA Method 8260A
Sequoia Analytical - San Carlos

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3			**MJB0473-03**				**Water**	**I-02**
Methyl tert-butyl ether	0020133	2/25/00	2/25/00		2.00	**21.5**	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*107*	%	

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 2/10/00
1680 Rogers Avenue	Project Number:	4226 First St.	Received: 2/11/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 3/2/00 11:03

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0B22011	**Date Prepared: 2/22/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0B22011-BLK1**									
Purgeable Hydrocarbons	2/22/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.92*	"	*70-130*	*89.2*			
LCS	**0B22011-BS1**									
Benzene	2/22/00	10.0		9.06	ug/l	70-130	90.6			
Toluene	"	10.0		8.38	"	70-130	83.8			
Ethylbenzene	"	10.0		8.38	"	70-130	83.8			
Xylenes (total)	"	30.0		24.4	"	70-130	81.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.97*	"	*70-130*	*89.7*			
LCS Dup	**0B22011-BSD1**									
Benzene	2/22/00	10.0		8.89	ug/l	70-130	88.9	25	1.89	
Toluene	"	10.0		8.33	"	70-130	83.3	25	0.598	
Ethylbenzene	"	10.0		8.31	"	70-130	83.1	25	0.839	
Xylenes (total)	"	30.0		24.0	"	70-130	80.0	25	1.65	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.24*	"	*70-130*	*92.4*			
Batch: 0B23009	**Date Prepared: 2/23/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0B23009-BLK1**									
Purgeable Hydrocarbons	2/23/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.43*	"	*70-130*	*94.3*			
LCS	**0B23009-BS1**									
Purgeable Hydrocarbons	2/23/00	250		307	ug/l	70-130	123			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.6*	"	*70-130*	*106*			

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 2/10/00
1680 Rogers Avenue	Project Number:	4226 First St.	Received: 2/11/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 3/2/00 11:03

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS Dup	**0B23009-BSD1**									
Purgeable Hydrocarbons	2/23/00	250		298	ug/l	70-130	119	25	2.98	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.9*	"	*70-130*	*109*			

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled: 2/10/00
1680 Rogers Avenue	Project Number:	4226 First St.	Received: 2/11/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported: 3/2/00 11:03

MTBE by EPA Method 8260A/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0020133	**Date Prepared: 2/25/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0020133-BLK1**									
Methyl tert-butyl ether	2/25/00			**ND**	ug/l	**0.500**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*47.9*	"	*76.0-114*	*95.8*			
Blank	**0020133-BLK2**									
Methyl tert-butyl ether	2/25/00			**ND**	ug/l	**0.500**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*47.8*	"	*76.0-114*	*95.6*			
LCS	**0020133-BS1**									
Methyl tert-butyl ether	2/25/00	50.0		48.1	ug/l	70.0-130	96.2			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*48.2*	"	*76.0-114*	*96.4*			
LCS	**0020133-BS2**									
Methyl tert-butyl ether	2/25/00	50.0		52.5	ug/l	70.0-130	105			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*47.7*	"	*76.0-114*	*95.4*			
Matrix Spike	**0020133-MS1**		**L002192-01**							
Methyl tert-butyl ether	2/25/00	50.0	ND	48.1	ug/l	60.0-140	**96.2**			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*47.1*	"	*76.0-114*	*94.2*			
Matrix Spike Dup	**0020133-MSD1**		**L002192-01**							
Methyl tert-butyl ether	2/25/00	50.0	ND	49.3	ug/l	60.0-140	**98.6**	25.0	**2.46**	
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*47.3*	"	*76.0-114*	*94.6*			

Sequoia Analytical

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Blaine Tech Services (Shell)	Project:	Equiva	Sampled:	2/10/00
1680 Rogers Avenue	Project Number:	4226 First St.	Received:	2/11/00
San Jose, CA 95112	Project Manager:	Nick Sudano	Reported:	3/2/00 11:03

Notes and Definitions

#	Note
I-02	This sample was analyzed outside of the EPA recommended holding time.
M-03	Sample was analyzed at a second dilution per clients request.
P-01	Chromatogram Pattern: Gasoline C6-C12
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
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
Recov.	Recovery
RPD	Relative Percent Difference

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY 000210-M1

CLIENT: Equiva - Karen Petryna

SITE: 4226 First Street
Pleasanton, CA

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

LAB: SEQUOIA DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION _____

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 98995840

Send report to Blaine Tech Services, Inc.

ATTN: Nick Sudano

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL	C	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	2-10-00	1020	W	3		X	X				CONFIRM HIGHEST MTBE CONCENTRATION BY 8260			
MW-2	↓	950	↓	3		X	X							
MW-3	↓	915	↓	3		X	X							

MJB0473

SAMPLING COMPLETED	DATE	TIME
	2-10-00	1020

SAMPLING PERFORMED BY: Mark Sorensen

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
Nick	2-14-00	820			

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 000210M-1 Date 2-10-06 Client Equiva

Site 4226 First St. Pleasanton CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2					34.90	56.85	TOC	
MW-2	4					36.62	46.20	↓	
MW-3	4					32.77	34.27	↓	

WELL MONITORING DATA SHEET

Project #: OC0210M-1	Client: Equiva 9899 5840
Sampler: Mark S.	Start Date: 2-10-00
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 56.85	Depth to Water: 34.90
Before: After:	Before: After:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method: ~~Bailer~~
Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other: _____

Sampling Method: (Bailer)
Disposable Bailer
Extraction Port
Other: _____

3.5 (Gals.) X	3	=	10.5 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1000	65.8	6.4	1810		4	
1007	67.2	6.5	1840		8	
1013	67.4	6.5	1840		11	

Did well dewater? Yes (No) Gallons actually evacuated: 11

Sampling Time: 1020 Sampling Date: 2-10-00

Sample I.D.: MW-1 Laboratory: Sequoia

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
ORP (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 000210M-1	Job # 98995840
Sampler: Mark S.	Date: 2-10-00
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 46.20	Depth to Water: 36.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: (Bailer) Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: (Bailer) Extraction Port / Other: ___

6.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 18.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
920	64.9	6.6	1550		7	
930	66.4	6.7	1860		13	
940	67.0	6.7	1860		19	

Did well dewater? Yes (No) Gallons actually evacuated: 19

Sampling Time: 950 Sampling Date: 2-10-00

Sample I.D.: MW-2 Laboratory: (Sequoia) BC Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

BTS #: 000210m-1	Site: 9995840
Sampler: Mark S.	Date: 2-10-00
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 34.27	Depth to Water: 32.77
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

(Bailer) Waterra
Disposable Bailer Peristaltic
Middleburg Extraction Pump
Electric Submersible Other_____

Sampling Method: (Bailer)

Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

.97 (Gals.) X	3	= 2.9 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
900	64.8	6.7	1990		1	
904	66.7	6.7	1890		2	
906	67.5	6.7	1850		3	

Did well dewater? Yes (No)	Gallons actually evacuated: 3
Sampling Time: 915	Sampling Date: 2-10-00
Sample I.D.: MW-3	Laboratory: (Sequoia) Columbia Other_____
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL DEVELOPMENT DATA SHEET

Project #: 000207-22	Client: Equiva
Developer: BF	Date Developed: 2-7-00
Well I.D. MW-2	Well Diameter: (circle one) 2 3 (4) 6 __
Total Well Depth: Before 45.82 After 45.98	Depth to Water: Before 35.51 After 42.86
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	(4")	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

6.7	X	10	=	67
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☐ Electric Submersible ☒
Middleburg ☒ Suction Pump ☐

Type of Installed Pump _____
Other equipment used 4" Sub

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
1320	68.8	6.3	1952	7200	6.7	Surged for 20 min
1327	68.9	6.3	1973	>200	13.4	Silty/Sandy
1334	68.9	6.3	2047	7200	20.1	"Cleared out"
—	Switched to Elec Sub.				~~20.8~~	"very little sand"
1338	69.6	6.1	2030	7200	26.8	Turbid.
1339	70.0	6.3	1954	7200	33.5	Turbid
1340	70.2	6.1	2026	7200	40.2	HARD Bottom
1341	70.2	6.2	2031	7200	46.9	to START with
1342	70.3	6.2	2027	7200	53.6	
1344	70.3	6.3	2039	7200	60.3	"Slow Recharge Rate"
1345	70.3	6.3	2026	7200	67	
	"HARD Bottom"					

Did Well Dewater? NO If yes, note above. Gallons Actually Evacuated: 67

WELL DEVELOPMENT DATA SHEET

Project #: 000207-72	Client: Equiva
Developer: BF	Date Developed: 2-7-00
Well I.D. MW-3	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 34.19 After 34.57	Depth to Water: Before 32.57 After 31.98
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	(4")	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

1.0	x	10	=	10
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☒ Electric Submersible ☐
Middleburg ☒ Suction Pump ☐

Type of Installed Pump _____
Other equipment used 4" Sand

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
14:16	66.4	7.7	2273	7200	1 gal	Surged for 15 min.
1417	66.7	7.8	2279	7200	2	middle Surged
14:19	66.4	7.8	2284	7200	3	Not that sandy or silty
14:21	68.7	6.3	2275	7200	4	"Used Bailer"
1422	68.5	6.3	2284	7200	5	"Not Enough H_2O"
14:24	68.4	6.2	2291	7200	6	for middle Burg
1427	68.6	6.3	2292	7200	7	"Slow Recharge
1429	68.7	6.2	2298	7200	8	Rate"
1433	68.5	6.3	2297	7200	9	
14:36	68.6	6.3	2295	7200	10	HARD Bottom
"	HARD Bottom "					to start with

Did Well Dewater? NO If yes, note above. Gallons Actually Evacuated: 10 gal

WELL GAUGING DATA

Project # 000203-41 Date 2-3-00 Client EQUILON

Site 4266 FIRST ST. PLEASANTON

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-2	4					32.65	46.02	TOC	
MW-3	4					32.06	36.87	↓	

WELL DEVELOPMENT DATA SHEET

Project #: 000203-41	Client: EQUIVA
Developer: LEON G.	Date Developed: 2-3-00
Well I.D. MW-2	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth:	Depth to Water:
Before 48.02 After	Before 32.65 After
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

9.9	X	10	=	99
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☐ Electric Submersible ☐
Middleburg ☒ Suction Pump ☐

Type of Installed Pump _____
Other equipment used 4" SURGE BLOCK

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
810	SURGED	WELL FOR 10 MIN.				
825	BEGAN	PURGE W/ MIDDLEBURG				
436	67.4	6.6	2455	17	10	
452	65.2	7.9	2414	11	20	DTW = 43.52
WELL DEWATERED					30	
~~WELL BOTTOM HARD/LOW TURBIDITY / SWITCH TO ELEC. SUB. PUMP~~						
925	DTW = 44.10					

Did Well Dewater? Yes If yes, note above. Gallons Actually Evacuated: 20

WELL DEVELOPMENT DATA SHEET

Project #: 000203 -41	Client: EQUIVA
Developer: LEON G.	Date Developed: 2-3-00
Well I.D. MW-3	Well Diameter: (circle one) 2 3 (4) 6 __
Total Well Depth:	Depth to Water:
Before 36.97 After	Before 33.06 After
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
[12 x (d^2/4) x π) /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

2.4	X	10	=	24
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☐ Electric Submersible ☐
Middleburg ☒ Suction Pump ☐

Type of Installed Pump _____
Other equipment used 4" SURGE BLOCK

TIME	TEMP (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
904	SURGE WELL FOR 10 MIN					
915	BEGAN PURGE W/ MIDDLEBURG					
926	DTW = 34.62				1.5	
WELL DEWATERED						

Did Well Dewater? YES If yes, note above. Gallons Actually Evacuated: 1.5