



June 2, 2016

Richard Paul, Jr., Public Works Director
Village of Elm Grove
13600 Juneau Boulevard
Elm Grove, Wisconsin 53122-1679

Subject: Environmental Investigation Sampling Results
BRRTS#: 02-68-552102

Dear Mr. Paul:

In accordance with the executed Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, Environmental Forensic Investigations, Inc. (EnviroForensics) is providing the results of the groundwater sample collected from Village of Elm Grove property (monitoring well, MW-8), on May 24, 2016. The sampling activities were conducted at the direction of the WDNR as part of an environmental investigation being performed for the One Hour Martinizing facility located at 13405 Watertown Plank Road, Elm Grove, Wisconsin. The chemicals of concern for the investigation are the chlorinated dry cleaning solvent tetrachloroethene (PCE) and associated chlorinated compounds resulting from the natural breakdown in the subsurface of PCE including trichloroethene (TCE), dichloroethene (DCE), and vinyl chloride.

The Responsible Party is:

Mr. Brian Cass
OHM Holdings, Inc.
W229 N2494 Hwy F
Waukesha, WI 53186
Telephone: 262-521-9710


Sampling Results

The analytical results of the groundwater samples are summarized and compared to public health criteria on **Table 1**. An excerpt from the laboratory report that relates to the groundwater samples collected from the monitoring well is also attached. The groundwater sample collected from monitoring well MW-8 did not contain concentrations of chlorinated compounds above laboratory detection limits.

Document: 6142-0609
Environmental Forensic Investigations, Inc.
N16 W23390 Stone Ridge Dr, Suite G, Waukesha, WI 53188
Phone: 414-982-3988 • Fax 317-972-7875

We will contact you to discuss additional investigation work, if any. If you have any questions or concerns, please contact me at 414-982-3988 or by email at wfassbender@enviroforensics.com. The WDNR project manager, Mr. Jim Delwiche, can be reached at 262-574-4125. We greatly appreciate your help and patience with this matter.

Sincerely,
Environmental Forensic Investigations, Inc.

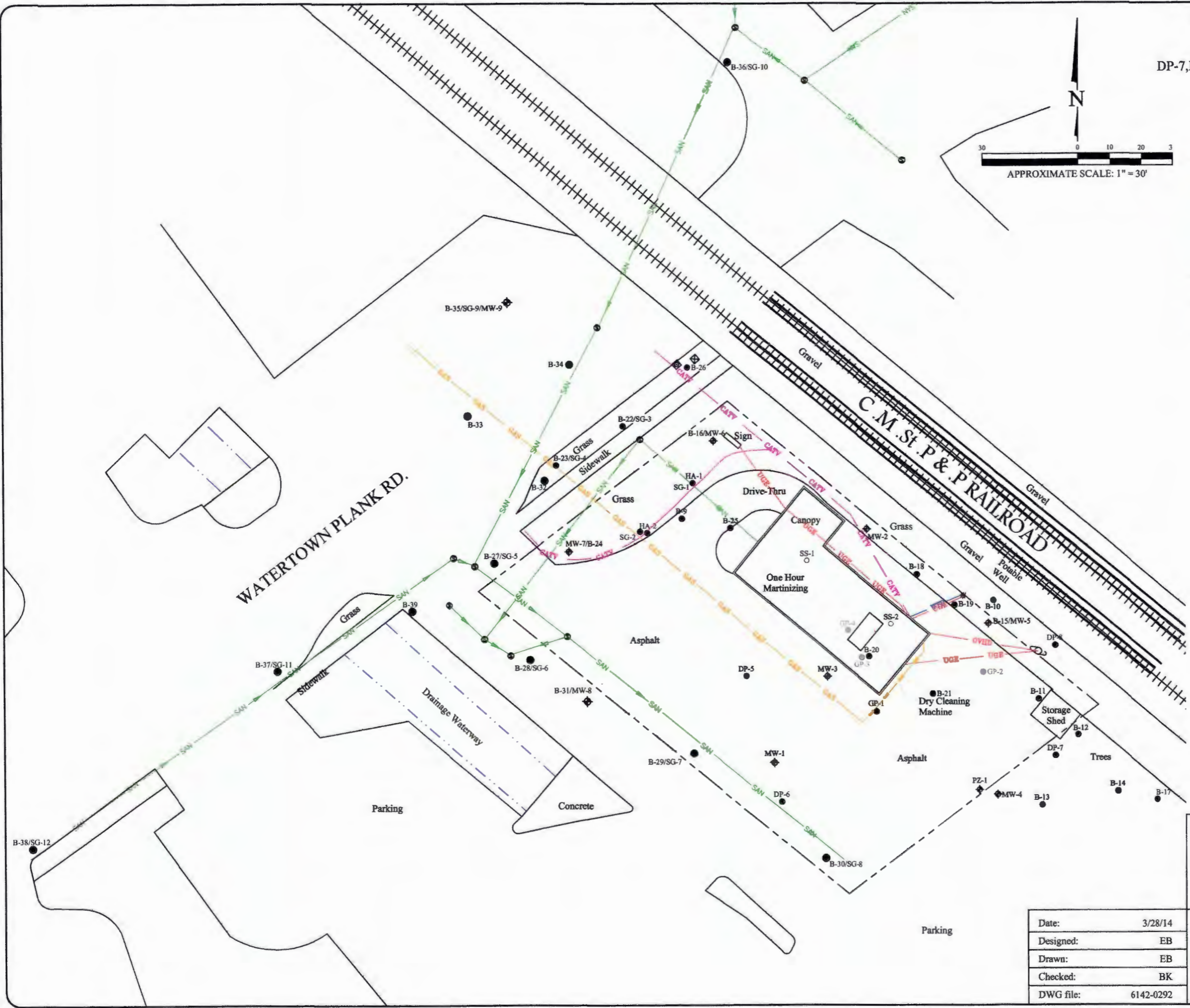
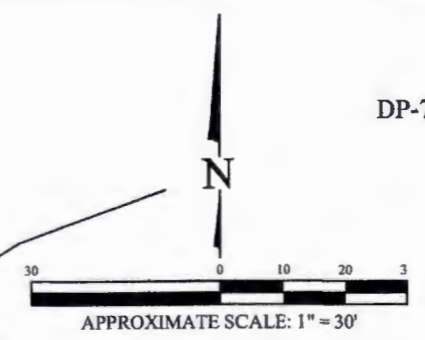

Wayne P. Fassbender, PG, PMP
Sr. Project Manager

Attachments: Figure showing locations of monitoring wells
Table 1: Groundwater Results Summary
Laboratory Analytical Report

Copy: Ted Warpinski, Friebert, Finerty & St. John, S.C. (via email)
Jim Delwiche, Wisconsin Department of Natural Resources
Brian Cass, OHM Holdings, LLC (via email)

Legend

- GP-1 ● Direct-push boring sample location (by others)
- DP-7,HA-1,B-9 ● Direct-push boring sample location
- MW-2 ⊕ Monitoring well location
- SG-1 ● Soil gas boring location
- SS-1 ○ Sub-slab vapor sample location
- Property boundary
- UGL --- Underground gas utility line
- WTR --- Underground water utility line
- SAN --- Underground sanitary utility line (Arrow shows direction of flow)
- CATV --- Underground cable television utility line
- OVEHD --- Over head electrical utility line
- UGE --- Underground electrical utility line
- Ⓢ Sanitary Sewer Manhole



SITE LAYOUT MAP															
One Hour Martinizing 13405 Watertown Plank Road Elm Grove, WI															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Date:</td><td>3/28/14</td></tr> <tr><td>Designed:</td><td>EB</td></tr> <tr><td>Drawn:</td><td>EB</td></tr> <tr><td>Checked:</td><td>BK</td></tr> <tr><td>DWG file:</td><td>6142-0292</td></tr> </table>	Date:	3/28/14	Designed:	EB	Drawn:	EB	Checked:	BK	DWG file:	6142-0292	<div style="text-align: center;"> <p>ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC. 602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204 EnviroForensics.com</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Figure</td></tr> <tr><td style="text-align: center;">1</td></tr> <tr><td style="text-align: center;">Project</td></tr> <tr><td style="text-align: center;">6142</td></tr> </table>	Figure	1	Project	6142
Date:	3/28/14														
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Checked:	BK														
DWG file:	6142-0292														
Figure															
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Project															
6142															

TABLE 1
MONITORING WELL SAMPLE ANALYTICAL RESULTS
 One Hour Martinizing
 Elm Grove, Wisconsin

Boring Identification	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	Naphthalene	1,2,4-Trimethylbenzene
Enforcement Standard		5	5	70	100	0.2	5	100	480
Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	10	96
MW-8	12/6/2013	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<1.7	<2.2
	2/28/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<1.7	<2.2
	5/8/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<1.7	<2.2
	8/5/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<1.7	<2.2
	10/31/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<1.7	<2.2
	3/31/2015	<0.74	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	6/18/2015	<0.74	<0.54	<0.45	<0.54	<0.17	NA	NA	NA
	9/4/2015	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1.6	<1.6
	12/3/2015	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1.6	<1.6
5/24/2016	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1.6	<1.6	

Notes:

All concentrations reported in units of micrograms per liter (µg/l)
 Samples analyzed using EPA SW-846 Method 8260
 NA = Not Analyzed

CHAIN OF CUSTODY RECORD

Synergy

WPF

Chain # N° 27960

Page 1 of 1

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.:
Project #: 6142	
Sampler: (signature)	

Project (Name / Location): CHM-Elm Grove / Elm Grove, WI	
Reports To: W. Fassbender / K. Heinsteack	Invoice To:
Company: EnviroForensics	Company:
Address: N16 W23590 Stone Ridge Dr, Ste G	Address:
City State Zip: Waukesha WI 53188	City State Zip:
Phone: 317-972-7870	Phone:
FAX:	FAX:

Analysis Requested												Other Analysis			
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID	FID

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
5031112 A	6142-MW-3	5/25	1140		x	N	3	GW	HCl
B	6142-MW-1	5/25	1230		x	N	3	GW	HCl
C	6142-SP-4	5/24	1410		x	N	3	GW	HCl
D	6142-P2-1	5/24	1115		x	N	3	GW	HCl
E	6142-MW-8	5/24	1400		x	N	3	GW	HCl
F	6142-MW-7	5/24	1330		x	N	3	GW	HCl
G	6142-P2-2	5/24	1300		x	N	3	GW	HCl
H	6142-DUP-1	5/24	-		x	N	3	GW	HCl
I	6142-ES-1	5/24	-		x	N	2	GW	HCl
J	TRIP BLANK	-	-				1		

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PC# 2016 455

Sample Integrity - To be completed by receiving lab. Method of Shipment: SM Temp. of Temp. Blank: _____ °C On Ice <input checked="" type="checkbox"/> Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes _____ No	Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	<i>[Signature]</i>	1:27	5/25/16	<i>[Signature]</i>	1:27	5/25/16
Received in Laboratory By: <i>[Signature]</i>			Time: 8:30	Date: 5/26/16		

Project Name OHM-ELM GROVE
 Project # 6142

Invoice # E31112

Lab Code 5031112E
 Sample ID 6142-MW-8
 Sample Matrix Water
 Sample Date 5/24/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		5/27/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		5/27/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		5/27/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		5/27/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		5/27/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		5/27/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/27/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		5/27/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		5/27/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		5/27/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		5/27/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		5/27/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		5/27/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		5/27/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		5/27/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/27/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		5/27/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		5/27/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		5/27/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/27/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/27/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		5/27/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		5/27/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		5/27/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		5/27/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		5/27/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		5/27/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		5/27/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		5/27/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/27/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/27/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		5/27/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		5/27/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		5/27/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		5/27/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		5/27/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		5/27/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		5/27/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		5/27/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/27/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		5/27/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/27/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		5/27/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		5/27/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		5/27/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		5/27/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/27/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/27/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		5/27/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		5/27/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		5/27/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		5/27/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		5/27/2016	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		5/27/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		5/27/2016	CJR	1
SUR - 4-Bromofluorobenzene	107	REC %			1	8260B		5/27/2016	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B		5/27/2016	CJR	1