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April 26, 2018

BRRTS #: 03-72-000291

PECFA #: 54489-9716-85

Matthew Vitale
Wisconsin Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire, WI 54701

Subject: Lloyd's Seneca Oasis/Betty's Bonzai – Annual Groundwater Monitoring Report

Dear Mr. Vitale,

Enclosed is the Annual Groundwater Monitoring Report for the Lloyd's Seneca Oasis/Betty's Bonzai site located at 4885 State Highway 73 in Vesper (Town of Sigel), Wisconsin. This completes the Public Bidding Deferred workscope approved on May 24, 2017.

Groundwater Monitoring Workscope

On July 13, 2017, METCO personnel collected groundwater samples from six monitoring/piezometer wells (MW-1 through MW-5, and PZ-1) for laboratory analysis (PVOC and Naphthalene). Monitoring wells MW-4 and MW-5 were also analyzed for Dissolved Lead. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductance were collected from all sampled monitoring/piezometer wells.

On October 12, 2017, METCO personnel collected a water sample from the on-site potable well and three other nearby potable wells (4865 STH 73, 5470 CTH D, and 5489 CTH D), and five monitoring/piezometer wells (MW-1, MW-3, MW-4, MW-5, and PZ-1) for laboratory analysis. The potable wells were analyzed for VOCs (Method 8260) and the monitoring/piezometer wells were analyzed for PVOC and Naphthalene. Monitoring wells MW-4 and MW-5 were also analyzed for Dissolved Lead. Please note that a water sample could not be collected from the potable well at 5488 CTH D as METCO attempted to contact the property owner's multiple times but was unsuccessful. After speaking with Heather Gehrt (client), the 5488 CTH D residence home has been vacant since the fall of 2016, and as of November 9, 2017 the county will own the property by tax deed. Please note that a sample could not be collected from MW-2 as the well was dry and appears to have filled in with sediment at approximately 10 feet below ground surface (bgs). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductance were collected from all sampled monitoring/piezometer wells.

On January 9, 2018, METCO personnel collected a water sample from one nearby potable well (5488 CTH D) and four monitoring/piezometer wells (MW-1, MW-3, MW-5, and PZ-1) for laboratory analysis. The potable well was analyzed for VOCs (Method 8260) and the monitoring/piezometer wells were analyzed for PVOC and Naphthalene. Monitoring well MW-5 was also analyzed for Dissolved Lead. Please note that samples could not be collected from MW-2 and MW-4 as the wells were dry. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductance were collected from all sampled monitoring/piezometer wells.

On April 4, 2018, METCO personnel collected groundwater samples from four monitoring/piezometer wells (MW-1, MW-3, MW-5, and PZ-1) for laboratory analysis (PVOC and Naphthalene). Please note that samples could not be collected from MW-2 and MW-4 as the wells were dry, and MW-5 could not be analyzed for Dissolved Lead due to the lack of water in the well. A development pump was used on monitoring well MW-2 to try to clear out enough sediment to collect a sample, but was unsuccessful. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductance were collected from PZ-1, however only water level measurements were collected from the remaining sampled wells due to the lack of water in the wells.

Discussion of Groundwater Results

4865 STH 73 Potable Well: Showed no detects for VOC's (Method 8260) when it was last sampled on October 12, 2017.

4885 STH 73 Potable Well: Showed no detects for VOC's (Method 8260) when it was last sampled on October 12, 2017.

5470 CTH D Potable Well: Showed no detects for VOC's (Method 8260) when it was last sampled on October 12, 2017.

5488 CTH D Potable Well: Showed no detects for VOC's (Method 8260) when it was last sampled on January 9, 2018.

5489 CTH D Potable Well: Showed no detects for VOC's (Method 8260) when it was last sampled on October 12, 2017.

Monitoring Well MW-1: Currently shows no detects for PVOC and Naphthalene.

Monitoring Well MW-2: The well has been dry during the last three sampling events. It showed no detects for PVOC and Naphthalene when it was last sampled on July 13, 2017.

Monitoring Well MW-3: Currently shows no detects for PVOC and Naphthalene.

Monitoring Well MW-4: The well has been dry during the last two sampling events. It showed NR140 Enforcement Standard (ES) exceedances for Benzene (151 ppb), Ethylbenzene (2,840 ppb), Naphthalene (770 ppb), Toluene (7,400 ppb), Trimethylbenzenes (6,410 ppb), Xylene (16,300 ppb), and Dissolved Lead (40 ppb) when it was last sampled on October 12, 2017. Contaminant concentrations appear to be stable to decreasing.

Monitoring Well MW-5: Currently shows NR140 ES exceedances for Benzene (20.7 ppb), Trimethylbenzenes (1,144 ppb), and Xylene (2,030 ppb). It also shows NR140 Preventive Action Limit (PAL) exceedances for Naphthalene (90 ppb) and Toluene (275 ppb). Contaminant concentrations appear to be stable to decreasing.

Piezometer PZ-1: Currently shows a NR140 PAL exceedance for Benzene (4.5 ppb). Contaminant concentrations have been consistent during the last four sampling events but have been inconsistent during the previous four sampling events.

Conclusions/Recommendations

It is the recommendation of METCO that the Lloyd's Seneca Oasis/Betty's Bonzai site be reviewed for the possibility of closure for the following reasons:

- 1) The extent of and degree of soil and groundwater contamination appears to be defined to a reasonable extent.
- 2) There is a limited extent of unsaturated soil contamination and there are no direct contact exceedances.
- 3) Based on historic analytical results, overall groundwater contaminant trends appear to be stable. It should be mentioned that the water table has fluctuated 5.5 feet to greater than 7 feet in some of the impacted monitoring wells.
- 4) The on-site potable well and the nearby potable wells that were sampled showed no detects for VOCs.
- 5) There does not appear to be any vapor intrusion risk to the on-site building for the following reasons: 1) The building is currently vacant. 2) Benzene levels in groundwater are significantly less than 1,000 ppb. 3) Groundwater in this area exists at approximately 7-13 feet bgs. 4) Soil and groundwater results of borings G-2, G-5, and G-7 adjacent to the building showed no NR720 RCL exceedances in soil, and groundwater sample G-2-W was the only groundwater sample exceeding the NR140 ES and/or PAL.

If the state concurs that "closure" is a viable option at this time, please contact METCO to discuss closure activities and costs.

However, due to the elevated contaminant levels in groundwater and nearby private wells the state may require additional work prior to closure.

Per WDNR response to this conclusion/recommendation METCO will proceed.

A Detailed Site Map, Groundwater Flow Maps, Groundwater Isoconcentration Map, Data Tables, and Laboratory Documents have been attached.

If you have any questions or comments please feel free to call (608-781-8879) or email at jasonp@metcohq.com.

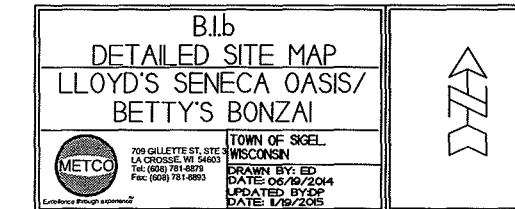
Sincerely,



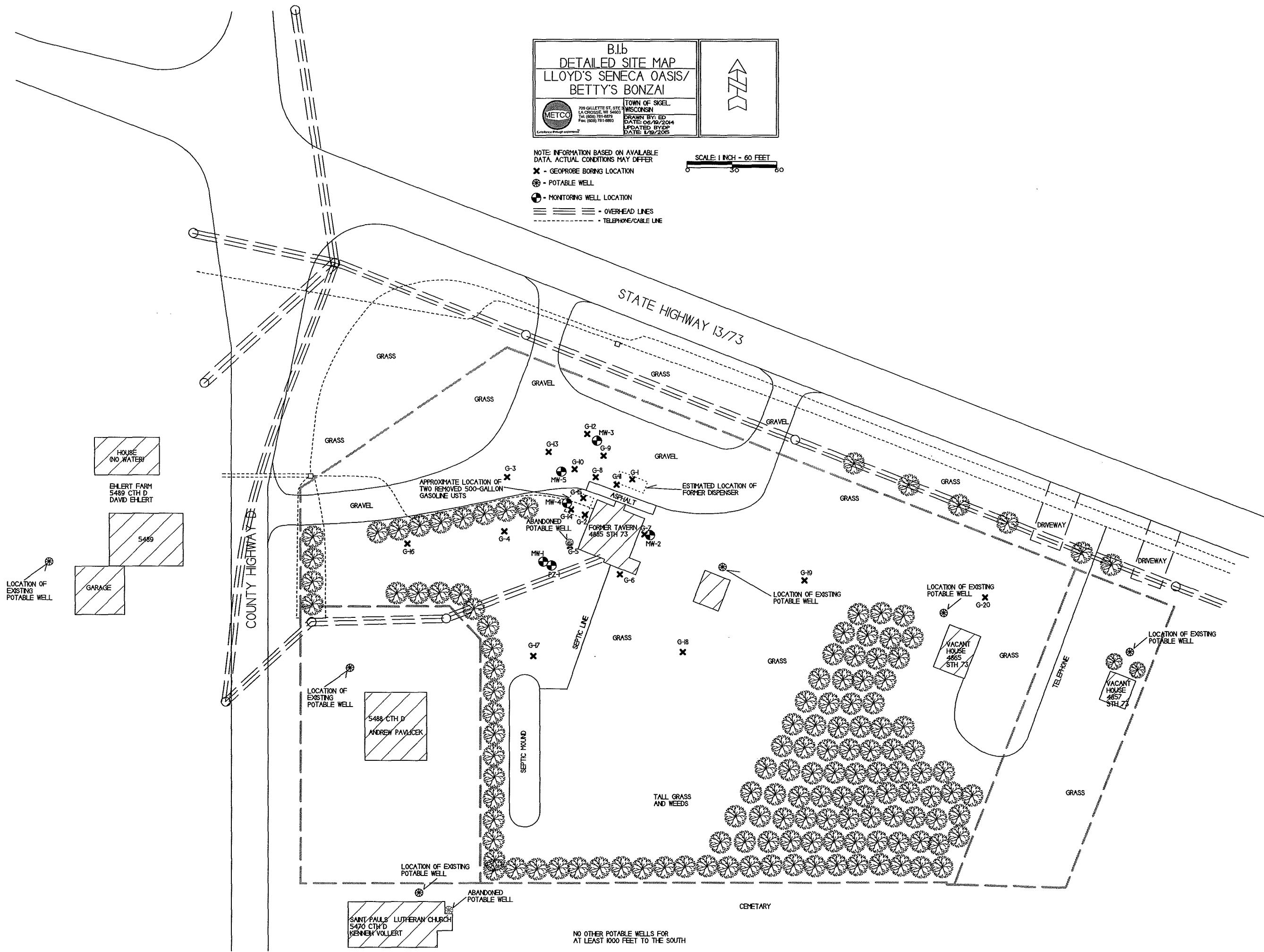
Jason T. Powell
Staff Scientist

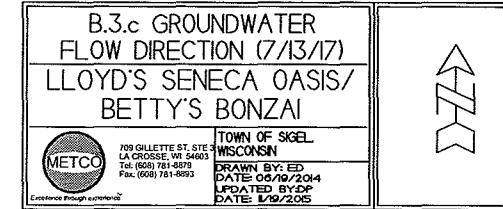
Attachments

c: Heather Gehrt (Wood County) – Client



NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
 X - GEOPROBE BORING LOCATION
 ○ - POTABLE WELL
 ● - MONITORING WELL LOCATION
 — — — - OVERHEAD LINES
 - - - - - TELEPHONE/CABLE LINE

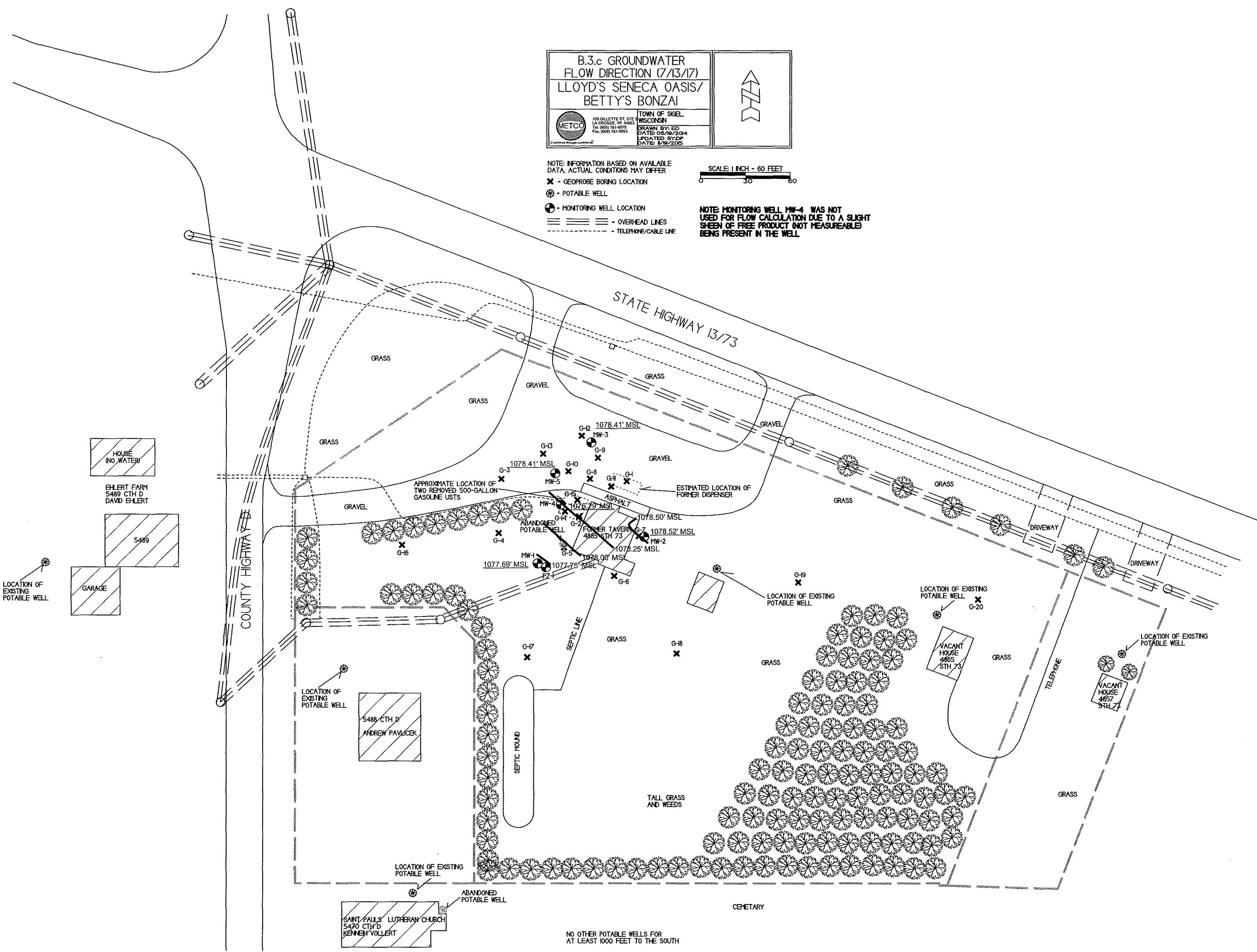


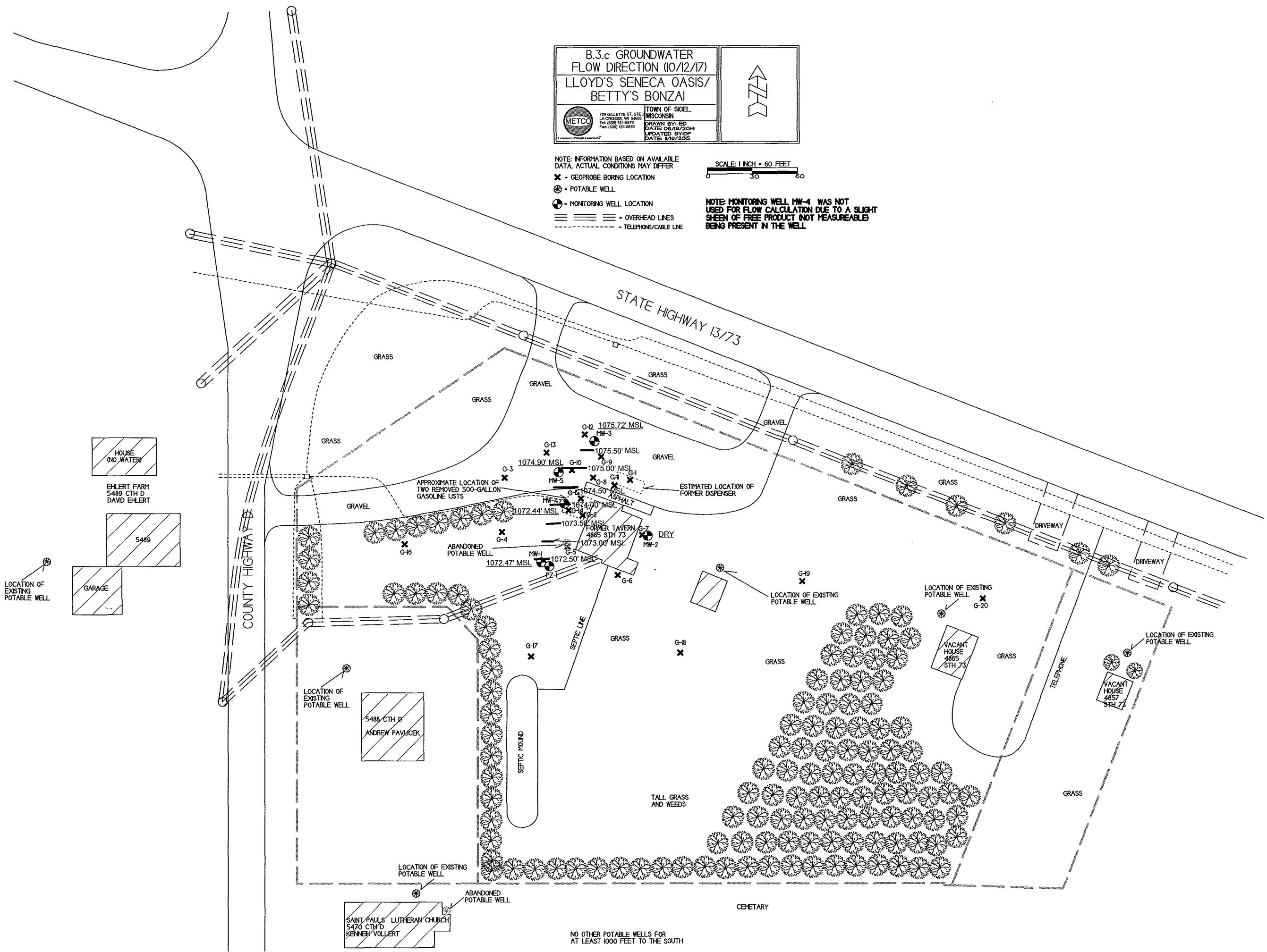


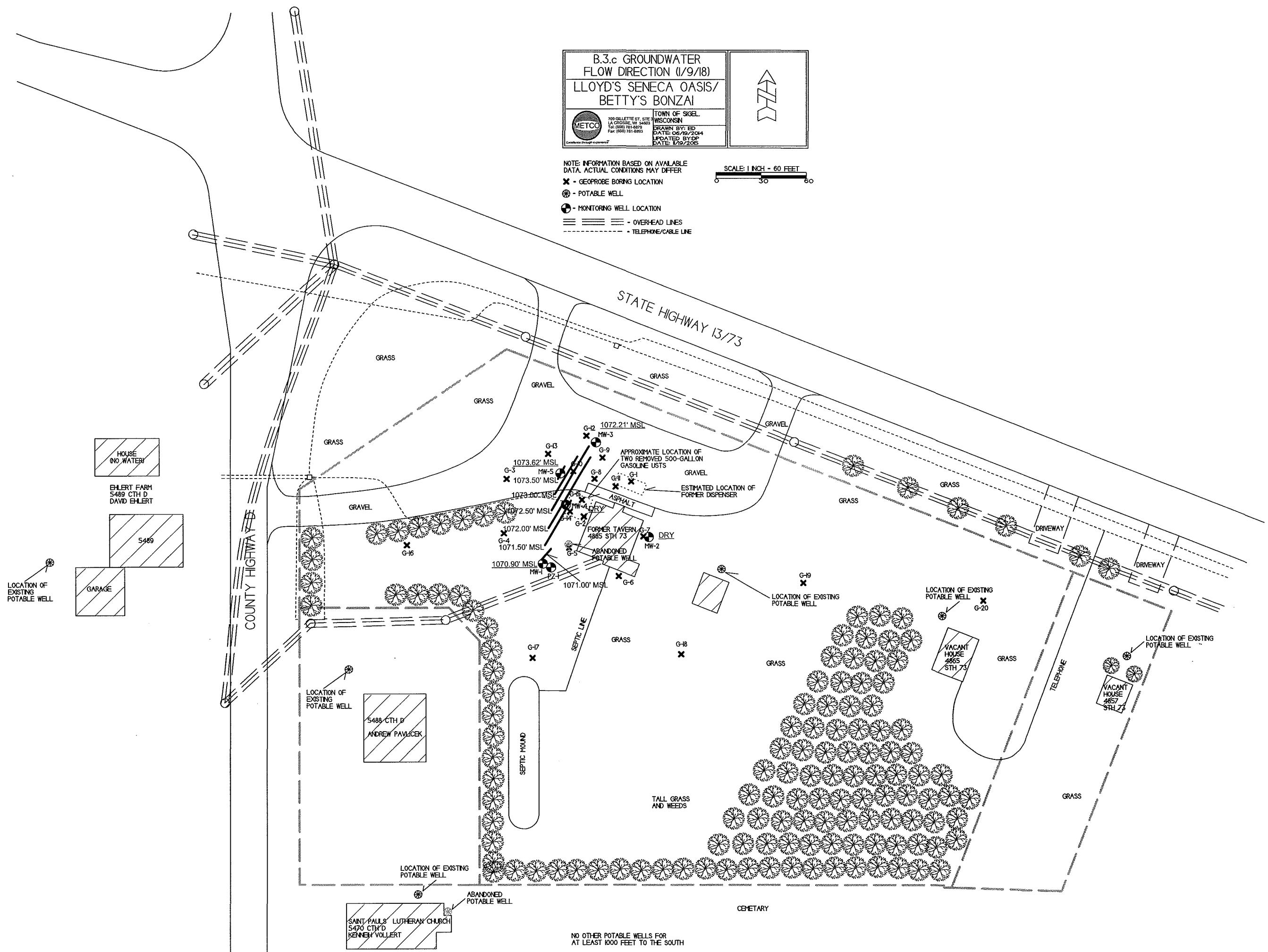
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
 X - GEOFROBE BORING LOCATION
 ● - POTABLE WELL
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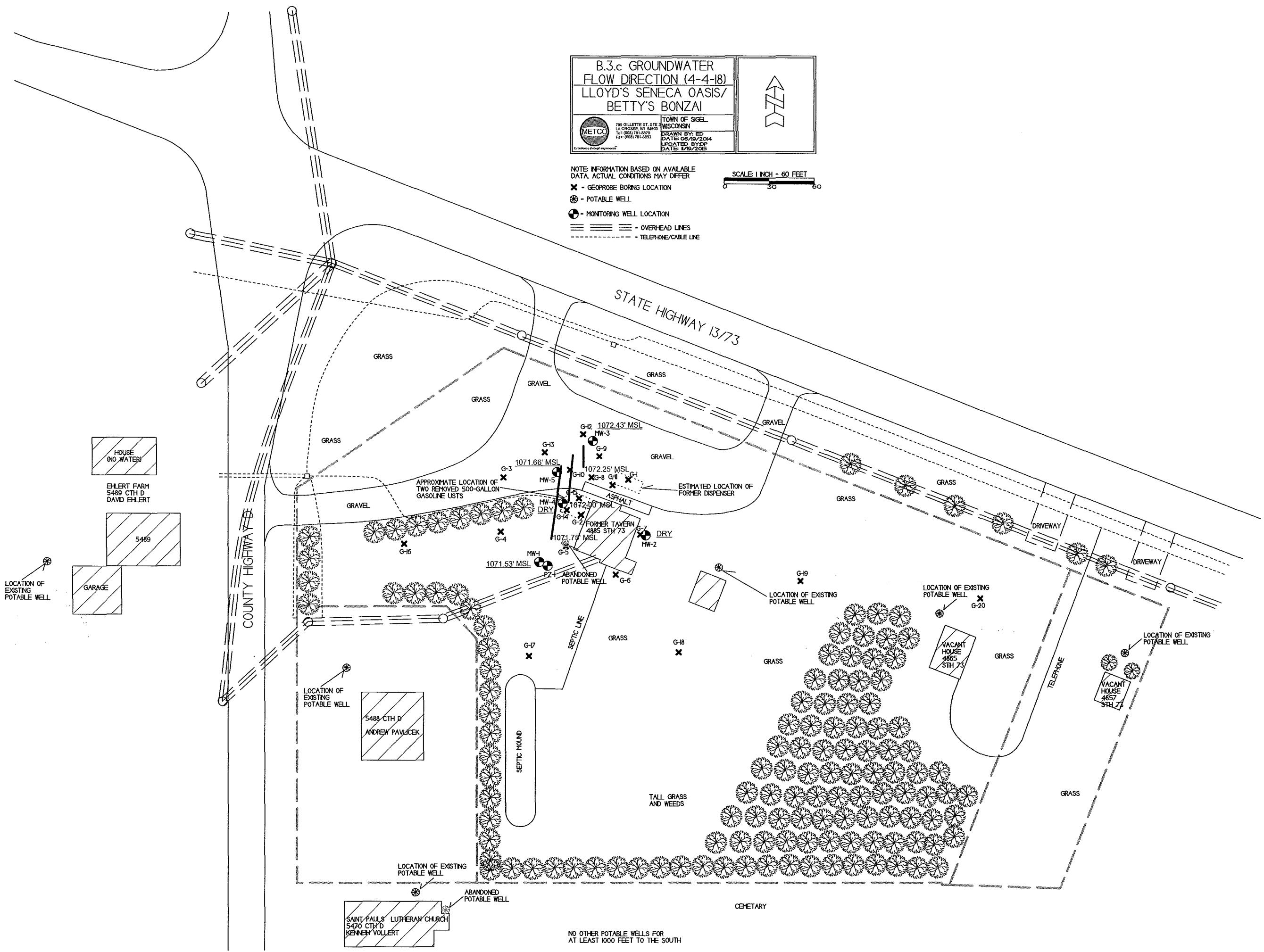
SCALE: 1 INCH - 60 FEET
 0 30 60

NOTE: MONITORING WELL MW-4 WAS NOT USED FOR FLOW CALCULATION DUE TO A SLIGHT SHEEN OF FREE PRODUCT (NOT MEASUREABLE) BEING PRESENT IN THE WELL.









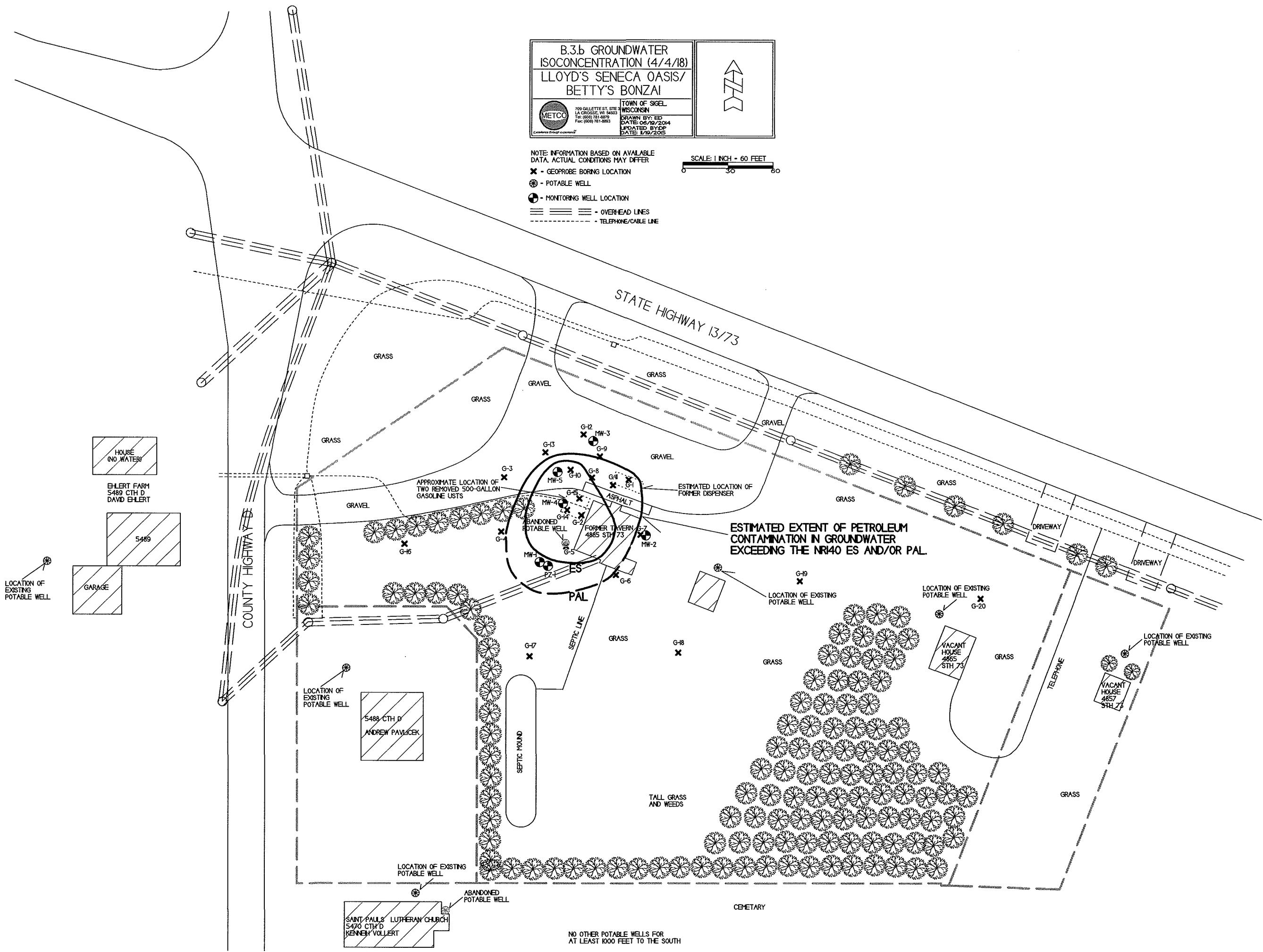
B.3.b GROUNDWATER
ISOCONCENTRATION (4/4/18)
LLOYD'S SENECA OASIS/
BETTY'S BONZAI

METCO
109 CHALLETTE ST., STE.
TOWN OF SIGEL, WISCONSIN 54663
Tel: (608) 781-8779
Fax: (608) 781-8893
DRAWN BY: ED
DATE: 06/19/2014
UPDATED BY: DP
DATE: 1/19/2015



SCALE: 1 INCH = 60 FEET
0 30 60

NOTE: INFORMATION BASED ON AVAILABLE
DATA. ACTUAL CONDITIONS MAY DIFFER
X - GEOFROBE BORING LOCATION
◎ - POTABLE WELL
● - MONITORING WELL LOCATION
===== - OVERHEAD LINES
----- - TELEPHONE/CABLE LINE



A.1 Groundwater Analytical Table

Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291

4857 STH 73 (Vacant House)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
10/29/2014	NM	NM								
COULD NOT SAMPLE – COVER STUCK ON WELL										
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = <i>Italics</i>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

4865 STH 73 (Vacant House)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
10/29/2014	NM	NM	NS	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
11/03/15	NM	NM	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/03/16	NM	NM	NS							
05/03/16	NM	NM	NS							
09/21/16	NM	NM	NS							
07/13/17	NM	NM								
10/12/17	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
01/09/18	NM	NM								
04/04/18	NM	NM								
NOT SAMPLED										
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = <i>Italics</i>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

4885 STH 73 (Lloyd's Seneca Oasis)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/19/93	NM	NM	NS	<1.0	<1.0	<10	NS	<1.0	NS	<2.0
01/25/00	NM	NM	NS							
10/29/14	NM	NM	NS	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
11/03/15	NM	NM	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/03/16	NM	NM	NS							
05/03/16	NM	NM	NS							
09/21/16	NM	NM	NS							
07/13/17	NM	NM								
10/12/17	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
01/09/18	NM	NM								
04/04/18	NM	NM								
NO DETECTS										
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = <i>Italics</i>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
 Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291

5470 CTH D (St. Paul's Lutheran Church)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/25/00	NM	NM	NS	2.0	ND	ND	ND	ND	ND	ND
10/28/14	NM	NM	NS	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
11/03/15	NM	NM	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/03/16	NM	NM	NS				NOT SAMPLED			
05/03/16	NM	NM	NS				NOT SAMPLED			
09/21/16	NM	NM	NS				NOT SAMPLED			
07/13/17	NM	NM					NOT SAMPLED			
10/12/17	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
01/09/18	NM	NM					NOT SAMPLED			
04/04/18	NM	NM					NOT SAMPLED			
ENFORCE MENT STANDARD ES = Bold										
PREVENTIVE ACTION LIMIT PAL = Italics										

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

5488 CTH D (Vilbaum/Pavlicek Residence)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/25/00	NM	NM	NS	1.3	ND	ND	ND	ND	ND	ND
10/28/14	NM	NM	NS	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
11/03/15	NM	NM	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/03/16	NM	NM	NS				NOT SAMPLED			
05/03/16	NM	NM	NS				NOT SAMPLED			
09/21/16	NM	NM	NS				NOT SAMPLED			
07/13/17	NM	NM					NOT SAMPLED			
10/12/17	NM	NM					NOT SAMPLED			
01/09/18	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
04/04/18	NM	NM					NOT SAMPLED			
ENFORCE MENT STANDARD ES = Bold										
PREVENTIVE ACTION LIMIT PAL = Italics										

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

5489 CTH D (Ehlert Residence)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/25/00	NM	NM	NS				NO DETECTS			
10/29/14	NM	NM	NS	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
11/03/15	NM	NM	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/03/16	NM	NM	NS				NOT SAMPLED			
05/03/16	NM	NM	NS				NOT SAMPLED			
09/21/16	NM	NM	NS				NOT SAMPLED			
07/13/17	NM	NM					NOT SAMPLED			
10/12/17	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
01/09/18	NM	NM					NOT SAMPLED			
04/04/18	NM	NM					NOT SAMPLED			
ENFORCE MENT STANDARD ES = Bold										
PREVENTIVE ACTION LIMIT PAL = Italics										

(ppb) = parts per billion

(ppm) = parts per million

ns = not sampled

nm = not measured

METCO Environmental Consulting, Fuel System Design, Installation and Service

Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table

Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291

5507 CTH D (Vissinger Residence)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/25/00	NM	NM	NS						NO DETECTS	
ENFORCE MENT STANDARD ES = Bold	15	5	700	60	100	800	480	2000		
PREVENTIVE ACTION LIMIT PAL = Italics	1.5	0.5	140	12	10	160	96	400		

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

5526 CTH D (Tritz Residence)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/25/00	NM	NM	NS						NO DETECTS	
ENFORCE MENT STANDARD ES = Bold	15	5	700	60	100	800	480	2000		
PREVENTIVE ACTION LIMIT PAL = Italics	1.5	0.5	140	12	10	160	96	400		

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

Well MW-1

PVC Elevation =

1085.71 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
11/03/15	1072.03	13.68	1.7	0.83	1.52	<1.1	<1.6	2.56	2.23-3.73	15
02/03/16	1076.15	9.56	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	2.45-3.28	4.8-6.20
05/03/16	1078.22	7.49	<0.8	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/21/16	1076.52	9.19	<0.8	<0.46	2.64	<0.49	2.82	<0.39	17.83	22.8
07/13/17	1077.69	8.02	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
10/12/17	1072.47	13.24	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
01/09/18	1070.90	14.81	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
04/04/18	1071.53	14.18	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT STANDARD ES = Bold	15	5	700	60	100	800	480	2000		
PREVENTIVE ACTION LIMIT PAL = Italics	1.5	0.5	140	12	10	160	96	400		

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table

Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291

Well MW-2

PVC Elevation = 1086.98 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
11/03/15	1073.77	13.21	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/03/16	1076.21	10.77	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
05/03/16	1077.54	9.44	1.3	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/21/16	1076.50	10.48	<0.8	0.97	<0.73	3.2	<2.6	<0.39	<1.51	<2.06
07/13/17	1078.52	8.46	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
10/12/17					DRY					
01/09/18					DRY					
04/04/18					DRY					
ENFORCE MENT STANDARD ES = Bold	15	5	700	60	100	800	480	2000		
PREVENTIVE ACTION LIMIT PAL = <i>Italics</i>	1.5	0.5	140	12	10	160	96	400		

(ppb) = parts per billion

(ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

PVC Elevation = 1082.90 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
11/03/15	1075.16	7.74	1.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/03/16	1077.46	5.44	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
05/03/16	1078.67	4.23	1.2	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/21/16	1077.87	5.03	<0.8	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
07/13/17	1078.41	4.49	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
10/12/17	1075.72	7.18	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
01/09/18	1072.21	10.69	NS	<1.1	<2.65	<2.85	<8.5	<2.25	<7.40	<7.9
04/04/18	1072.43	10.47	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT STANDARD ES = Bold	15	5	700	60	100	800	480	2000		
PREVENTIVE ACTION LIMIT PAL = <i>Italics</i>	1.5	0.5	140	12	10	160	96	400		

(ppb) = parts per billion

(ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

Well MW-4

PVC Elevation = 1086.55 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
11/03/15	1071.56	14.99	NS	440	3300	<220	450	16400	3620	17000
02/03/16	1074.74	11.81	63.2	211	2360	<49	610	7100	4190	17700
05/03/16	1077.10	9.45	45	97	1990	<110	1110	5300	12500	22800
09/21/16	FREE PRODUCT	29.5	196	900	<49	390	4600	3300	12400	
07/13/17	1076.29	10.26	21.7	140	980	<41	350	4400	2170	11900
10/12/17	1072.44	14.11	40.0	151	2840	<21.5	770	7400	6410	16300
01/09/18					DRY					
04/04/18					DRY					
ENFORCE MENT STANDARD ES = Bold	15	5	700	60	100	800	480	2000		
PREVENTIVE ACTION LIMIT PAL = <i>Italics</i>	1.5	0.5	140	12	10	160	96	400		

(ppb) = parts per billion

(ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
 Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291

Well MW-5

PVC Elevation = 1083.08 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
11/03/15	1072.34	10.74	95.9	138	1970	<55	620	4400	4760	10080
02/03/16	1076.47	6.61	44.9	155	1950	<24.5	1110	3140	10430	15300
05/03/16	1078.63	4.45	14.3	221	920	<49	630	4700	5740	10800
09/21/16	1076.93	6.15	18.4	89	840	<49	1170	2060	5800	9930
07/13/17	1078.41	4.67	8.7	<8.5	97	<41	<108.5	74	964	1370
10/12/17	1074.90	8.18	21.4	30.5	410	<4.3	210	650	1650	4090
01/09/18	1073.62	9.46	13.7	26.2	380	<11.4	184	520	1308	2500
04/04/18	1071.66	11.42	NS	20.7	64	<5.7	90	275	1144	2030
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = <i>Italics</i>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

Well PZ-1

PVC Elevation = 1086.28 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
11/03/15	1070.35	15.93	2.4	2.68	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/03/16	1072.04	14.24	0.7	5.1	4.1	<0.49	<2.6	2.26	4.5-5.33	6.42
05/03/16	1072.30	13.98	0.8	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/21/16	1071.55	14.73	<0.8	20.9	76	<0.49	49	29.2	90	125.5
07/13/17	1071.55	14.73	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
10/12/17	1069.89	16.39	NS	2.55	<0.56	<0.43	2.94	<0.33	<1.14	<1.71
01/09/18	1069.40	16.88	NS	0.59	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
04/04/18	1069.38	16.90	NS	4.5	1.26	<0.57	<1.7	0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = <i>Italics</i>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291

Well Sampling Conducted on: 10/12/17 10/12/17 10/12/17 10/12/17 01/09/18

VOC's

Well Name

Benzene/ppb
 Bromobenzene/ppb
 Bromodichloromethane/ppb
 Bromoform/ppb
 tert-Butylbenzene/ppb
 sec-Butylbenzene/ppb
 n-Butylbenzene/ppb
 Carbon Tetrachloride/ppb
 Chlorobenzene/ppb
 Chloroethane/ppb
 Chloroform/ppb
 Chloromethane/ppb
 2-Chlorotoluene/ppb
 4-Chlorotoluene/ppb
 1,2-Dibromo-3-chloropropane/ppb
 Dibromochloromethane/ppb
 1,4-Dichlorobenzene/ppb
 1,3-Dichlorobenzene/ppb
 1,2-Dichlorobenzene/ppb
 Dichlorodifluoromethane/ppb
 1,2-Dichloroethane/ppb
 1,1-Dichloroethane/ppb
 1,1-Dichloroethene/ppb
 cis-1,2-Dichloroethene/ppb
 trans-1,2-Dichloroethene/ppb
 1,2-Dichloropropane/ppb
 1,3-Dichloropropane/ppb
 trans-1,3-Dichloropropene/ppm
 cis-1,3-Dichloropropene/ppm
 Di-isopropyl ether/ppb
 EDB (1,2-Dibromoethane)/ppb
 Ethylbenzene/ppb
 Hexachlorobutadiene/ppb
 Isopropylbenzene/ppb
 p-Isopropyltoluene/ppb
 Methylene chloride/ppb
 Methyl tert-butyl ether (MTBE)/ppb
 Naphthalene/ppb
 n-Propylbenzene/ppb
 1,1,2,2-Tetrachloroethane/ppb
 1,1,1,2-Tetrachloroethane/ppb
 Tetrachloroethene (PCE)/ppb
 Toluene/ppb
 1,2,4-Trichlorobenzene/ppb
 1,2,3-Trichlorobenzene/ppb
 1,1,1-Trichloroethane/ppb
 1,1,2-Trichloroethane/ppb
 Trichloroethene (TCE)/ppb
 Trichlorofluoromethane/ppb
 1,2,4-Trimethylbenzene/ppb
 1,3,5-Trimethylbenzene/ppb
 Vinyl Chloride/ppb
 m&p-Xylene/ppb
 o-Xylene/ppb

4865 STH 73 4885 STH 73 5470 CTH D 5489 CTH D 5488 CTH D

ENFORCE MENT STANDARD = ES - Bold	PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i>
5	0.5
==	==
0.6	<i>0.06</i>
4.4	<i>0.44</i>
==	==
==	==
==	==
5	0.5
==	==
400	<i>80</i>
6	<i>0.6</i>
30	<i>3</i>
==	==
==	==
0.2	<i>0.02</i>
60	<i>6</i>
75	<i>15</i>
600	<i>120</i>
600	<i>60</i>
1000	<i>200</i>
5	<i>0.5</i>
850	<i>85</i>
7	<i>0.7</i>
70	<i>7</i>
100	<i>20</i>
5	<i>0.5</i>
==	==
0.4	<i>0.04</i>
==	==
0.05	<i>0.005</i>
700	<i>140</i>
==	==
==	==
==	==
5	<i>0.5</i>
60	<i>12</i>
100	<i>10</i>
==	==
0.2	<i>0.02</i>
70	<i>7</i>
5	<i>0.5</i>
800	<i>160</i>
70	<i>14</i>
==	==
200	<i>40</i>
5	<i>0.5</i>
5	<i>0.5</i>
==	==
Total TMB's 480	<i>Total TMB's 96</i>
0.2	<i>0.02</i>
Total Xylenes 2000	<i>Total Xylenes 400</i>

NS = not sampled, NM = Not Measured

Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.

== No Exceedences

(ppb) = parts per billion

(ppm) = parts per million

J Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.7 Other

Groundwater NA Indicator Results

Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
11/03/15	12.66	5.18	284	12.4	167	2.69	18.7	0.13	108
02/03/16	10.81	5.68	260	3.4	111	NS	NS	NS	NS
05/03/16	1.30	5.41	218	9.1	692	NS	NS	NS	NS
09/21/16	1.73	6.84	183	15.8	NOT WORKING	NS	NS	NS	NS
07/13/17	4.86	6.59	307	15.4	5.8	NS	NS	NS	NS
10/12/17	3.07	6.94	176	15.3	1287	NS	NS	NS	NS
01/09/18	4.87	7.23	252	6.7	1286	NS	NS	NS	NS
04/04/18	NOT ENOUGH WATER					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italic						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

ORP = Oxidation Reduction Potential

Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
11/03/15	8.31	5.8	83	12.1	368	2.24	51.4	0.19	196
02/03/16	15.76	5.38	190	3.4	147	NS	NS	NS	NS
05/03/16	1.73	5.55	312	7.8	501	NS	NS	NS	NS
09/21/16	2.97	6.76	246	15.9	NOT WORKING	NS	NS	NS	NS
07/13/17	6.17	6.92	318	14.8	11	NS	NS	NS	NS
10/12/17	DRY					NS	NS	NS	NS
01/09/18	DRY					NS	NS	NS	NS
04/04/18	DRY					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italic						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

ORP = Oxidation Reduction Potential

Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
11/03/15	8.65	5.73	173	14.4	229	1.96	32	0.65	123
02/03/16	9.78	5.78	206	2.4	198	NS	NS	NS	NS
05/03/16	2.01	4.58	277	9.6	657	NS	NS	NS	NS
09/21/16	2.19	6.43	216	16.3	NOT WORKING	NS	NS	NS	NS
07/13/17	4.73	7.18	294	15.2	397	NS	NS	NS	NS
10/12/17	4.87	7.06	216	16.1	647	NS	NS	NS	NS
01/09/18	6.02	6.99	247	6.5	813	NS	NS	NS	NS
04/04/18	NOT ENOUGH WATER					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italic						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

ORP = Oxidation Reduction Potential

Note: Elevations are presented in feet mean sea level (msl).

A.7 Other

Groundwater NA Indicator Results

Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
11/03/15					NOT ENOUGH WATER	2.21	54	NS	NS
02/03/16	2.80	6.33	124	4.2	332	NS	NS	NS	NS
05/03/16	0.89	6.02	-104	8.9	698	NS	NS	NS	NS
09/21/16	0.67	7.23	-118	16.4	NOT WORKING	NS	NS	NS	NS
07/13/17	1.08	7.27	-8	15.4	7	NS	NS	NS	NS
10/12/17	0.92	7.16	-67	15.6	183	NS	NS	NS	NS
01/09/18					DRY	NS	NS	NS	NS
04/04/18					DRY	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

ORP = Oxidation Reduction Potential

Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
11/03/15	7.88	6.92	-10	12.8	367	3.47	63.7	2.37	530
02/03/16	1.65	5.65	119	4.1	407	NS	NS	NS	NS
05/03/16	1.11	5.61	-21	9.8	684	NS	NS	NS	NS
09/21/16	0.94	7.07	-11	16.0	NOT WORKING	NS	NS	NS	NS
07/13/17	2.35	7.06	114	15.1	546	NS	NS	NS	NS
10/12/17	1.40	6.58	-2	15.9	563	NS	NS	NS	NS
01/09/18	2.49	7.28	107	6.9	2016	NS	NS	NS	NS
04/04/18					NOT ENOUGH WATER	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

ORP = Oxidation Reduction Potential

Note: Elevations are presented in feet mean sea level (msl).

Well PZ-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
11/03/15	9.29	6.88	23	11.4	189	0.233	46.6	3.17	273
02/03/16	3.04	6.31	204	6.1	263	NS	NS	NS	NS
05/03/16	1.80	7.17	86	7.4	1352	NS	NS	NS	NS
09/21/16	1.96	6.71	197	15.2	NOT WORKING	NS	NS	NS	NS
07/13/17	3.18	6.76	211	14.0	16	NS	NS	NS	NS
10/12/17	2.21	7.28	83	14.7	211	NS	NS	NS	NS
01/09/18	4.51	7.02	261	6.9	644	NS	NS	NS	NS
04/04/18	5.47	7.37	159	5.9	255.2	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled

nm = not measured

ORP = Oxidation Reduction Potential

Note: Elevations are presented in feet mean sea level (msl).

A.6 Water Level Elevations
Lloyd's Seneca Oasis/Betty's Bonzai BRRTS# 03-72-000291
Siegel, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	PZ-1
Ground Surface (feet msl)	1083.60	1085.10	1083.52	1084.20	1083.64	1083.70
PVC top (feet msl)	1085.71	1086.98	1082.90	1086.55	1083.08	1086.28
Well Depth (feet)	13.00	13.00	13.00	13.00	13.00	25.00
Top of screen (feet msl)	1080.60	1082.10	1080.52	1081.20	1080.64	1063.70
Bottom of screen (feet msl)	1070.60	1072.10	1070.52	1071.20	1070.64	1058.70

Depth to Water From Top of PVC (feet)

11/03/15	13.68	13.21	7.74	14.99	10.74	15.93
02/03/16	9.56	10.77	5.44	11.81	6.61	14.24
05/03/16	7.49	9.44	4.23	9.45	4.45	13.98
09/21/16	9.19	10.48	5.03	FP	6.15	14.73
07/13/17	8.02	8.46	4.49	10.26	4.67	14.73
10/12/17	13.24	DRY	7.18	14.11	8.18	16.39
1/9/2018	14.81	DRY	10.69	DRY	9.46	16.88
4/4/2018	14.18	DRY	10.47	DRY	11.42	16.90

Depth to Water From Ground Surface (feet)

11/03/15	11.57	11.33	8.36	12.64	11.30	13.35
02/03/16	7.45	8.89	6.06	9.46	7.17	11.66
05/03/16	5.38	7.56	4.85	7.10	5.01	11.40
09/21/16	7.08	8.60	5.65	FP	6.71	12.15
07/13/17	5.91	6.58	5.11	7.91	5.23	12.15
10/12/17	11.13	DRY	7.80	11.76	8.74	13.81
1/9/2018	12.70	DRY	11.31	DRY	10.02	14.30
4/4/2018	12.07	DRY	11.09	DRY	11.98	14.32

Groundwater Elevation (feet msl)

11/03/15	1072.03	1073.77	1075.16	1071.56	1072.34	1070.35
02/03/16	1076.15	1076.21	1077.46	1074.74	1076.47	1072.04
05/03/16	1078.22	1077.54	1078.67	1077.10	1078.63	1072.30
09/21/16	1076.52	1076.50	1077.87	FP	1076.93	1071.55
07/13/17	1077.69	1078.52	1078.41	1076.29	1078.41	1071.55
10/12/17	1072.47	DRY	1075.72	1072.44	1074.90	1069.89
1/9/2018	1070.90	DRY	1072.21	DRY	1073.62	1069.40
4/4/2018	1071.53	DRY	1072.43	DRY	1071.66	1069.38

FP = Free Product

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

HEATHER GEHRT
 WOOD COUNTY
 400 MARKET STREET
 WISCONSIN RAPIDS, WI 54495

Report Date 20-Jul-17

Project Name LLOYD'S SENECA OASIS

Invoice # E33270

Project #

Lab Code 5033270A

Sample ID MW-2

Sample Matrix Water

Sample Date 7/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
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Organic

PVOC + Naphthalene

Benzene	< 0.17	ug/l	0.17	0.55	1	8260B			7/17/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B			7/17/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B			7/17/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B			7/17/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B			7/17/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B			7/17/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B			7/17/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B			7/17/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B			7/17/2017	CJR	1

Lab Code 5033270B

Sample ID MW-3

Sample Matrix Water

Sample Date 7/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
--	---------------	-------------	------------	------------	------------	---------------	-----------------	-----------------	----------------	-------------

Organic

PVOC + Naphthalene

Benzene	< 0.17	ug/l	0.17	0.55	1	8260B			7/17/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B			7/17/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B			7/17/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B			7/17/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B			7/17/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B			7/17/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B			7/17/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B			7/17/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B			7/17/2017	CJR	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33270

Lab Code 5033270C
Sample ID MW-1
Sample Matrix Water
Sample Date 7/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B			7/17/2017	CJR
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B			7/17/2017	CJR
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B			7/17/2017	CJR
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B			7/17/2017	CJR
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B			7/17/2017	CJR
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B			7/17/2017	CJR
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B			7/17/2017	CJR
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B			7/17/2017	CJR
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B			7/17/2017	CJR

Lab Code 5033270D
Sample ID PZ-1
Sample Matrix Water
Sample Date 7/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B			7/18/2017	CJR
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B			7/18/2017	CJR
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B			7/18/2017	CJR
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B			7/18/2017	CJR
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B			7/18/2017	CJR
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B			7/18/2017	CJR
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B			7/18/2017	CJR
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B			7/18/2017	CJR
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B			7/18/2017	CJR

Lab Code 5033270E
Sample ID MW-5
Sample Matrix Water
Sample Date 7/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	8.7 "J"	ug/L	4.5	15	5	7421			7/18/2017	CWT
Organic										
PVOC + Naphthalene										
Benzene	< 8.5	ug/l	8.5	27.5	50	8260B			7/18/2017	CJR
Ethylbenzene	97	ug/l	10	31.5	50	8260B			7/18/2017	CJR
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B			7/18/2017	CJR
Naphthalene	< 108.5	ug/l	108.5	345	50	8260B			7/18/2017	CJR
Toluene	74 "J"	ug/l	33.5	106.5	50	8260B			7/18/2017	CJR
1,2,4-Trimethylbenzene	720	ug/l	57	181.5	50	8260B			7/18/2017	CJR
1,3,5-Trimethylbenzene	244	ug/l	45.5	145	50	8260B			7/18/2017	CJR
m&p-Xylene	800	ug/l	78	247.5	50	8260B			7/18/2017	CJR
o-Xylene	570	ug/l	19.5	62.5	50	8260B			7/18/2017	CJR

Project Name LLOYD'S SENECA OASIS

Invoice # E33270

Project #

Lab Code 5033270F

Sample ID MW-4

Sample Matrix Water

Sample Date 7/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	21.7	ug/L	4.5	15	5	7421				
Organic										
PVOC + Naphthalene										
Benzene	140	ug/l	8.5	27.5	50	8260B	7/18/2017	CJR	1	
Ethylbenzene	980	ug/l	10	31.5	50	8260B	7/18/2017	CJR	1	
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B	7/18/2017	CJR	1	
Naphthalene	350	ug/l	108.5	345	50	8260B	7/18/2017	CJR	1	
Toluene	4400	ug/l	33.5	106.5	50	8260B	7/18/2017	CJR	1	
1,2,4-Trimethylbenzene	1730	ug/l	57	181.5	50	8260B	7/18/2017	CJR	1	
1,3,5-Trimethylbenzene	440	ug/l	45.5	145	50	8260B	7/18/2017	CJR	1	
m&p-Xylene	7900	ug/l	78	247.5	50	8260B	7/18/2017	CJR	1	
o-Xylene	4000	ug/l	19.5	62.5	50	8260B	7/18/2017	CJR	1	

Lab Code 5033270G

Sample ID TB

Sample Matrix Water

Sample Date 7/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B	7/19/2017	CJR	1	
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	7/19/2017	CJR	1	
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	7/19/2017	CJR	1	
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	7/19/2017	CJR	1	
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	7/19/2017	CJR	1	
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	7/19/2017	CJR	1	
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	7/19/2017	CJR	1	
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	7/19/2017	CJR	1	
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	7/19/2017	CJR	1	

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code Comment

- 1 Laboratory QC within limits.
 49 Sample diluted to compensate for matrix interference.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

Lab ID:	
Account No.:	Quote No.:
Project #:	
Sampler: (signature) <i>Jon Jann</i>	

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

Chain # No. 3479

Page 1 of 1

Sample Handling Request
 Rush Analysis Date Required
 (Rushes accepted only with prior authorization)

 Normal Turn Around

Project (Name / Location): *Lloyd's Seneca Oasis / Vesper*

Reports To: <i>Heather Gehrt</i>	Invoice To: <i>Heather Gehrt</i>
Company <i>Wood County</i>	Company <i>C/o METCO</i>
Address <i>400 Market St</i>	Address <i>709 Gillette St, Ste. 3</i>
City State Zip <i>Wisconsin Rapids, WI 54495</i>	City State Zip <i>La Crosse, WI 54603</i>
Phone	Phone
FAX	FAX

Analysis Requested**Other Analysis**

Lab ID#	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (D 3561 mod)	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	B-RCRA METALS	PID/FID	
MW-2	MW-2	7-13	820			N	3	GW	HLL								X								
MW-3	MW-3		845			N											X								
MW-1	MW-1		910			N											X								
PZ-1	PZ-1		1000			N											X								
MW-5	MW-5		1005			Y	4						HLL, HNO ₃		X		X								
MW-4	MW-4		1030			Y	4						HLL, HNO ₃		X		X								
TB	TB						1						HLL			X									

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

Lab to send copy of report to METCO/Jason P. (Invoice to METCO)
**UTC rates apply
† Agent status*

Sample Integrity: To be completed by receiving lab
Method of Shipment:
Temp of Sample: Blank _____ On Ice <input checked="" type="checkbox"/>
Specimen sent intact from receiver: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Relinquished By: (sign)

Jon Jann

Time

Date

Received By: (sign)

3:00 PM 7-13-17

Time

Date

Received In Laboratory By:

Christie J. Jann
Time: *10:400*Date: *7/15/17*

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

HEATHER GEHRT
 WOOD COUNTY
 400 MARKET STREET
 WISCONSIN RAPIDS, WI 54495

Report Date 23-Oct-17

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724A
Sample ID 5470 CTH D PW
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B				
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B	10/18/2017	CJR		1
Bromodichloromethane	< 0.31	ug/l	0.31		1	8260B	10/18/2017	CJR		1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B	10/18/2017	CJR		1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B	10/18/2017	CJR		1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B	10/18/2017	CJR		1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B	10/18/2017	CJR		1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B	10/18/2017	CJR		1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B	10/18/2017	CJR		1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B	10/18/2017	CJR		1
Chloroform	1.19 "J"	ug/l	0.96	3.04	1	8260B	10/18/2017	CJR		1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B	10/18/2017	CJR		1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B	10/18/2017	CJR		1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B	10/18/2017	CJR		1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B	10/18/2017	CJR		1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B	10/18/2017	CJR		1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B	10/18/2017	CJR		1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B	10/18/2017	CJR		1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B	10/18/2017	CJR		1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B	10/18/2017	CJR		1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B	10/18/2017	CJR		1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B	10/18/2017	CJR		1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B	10/18/2017	CJR		1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B	10/18/2017	CJR		1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B	10/18/2017	CJR		1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B	10/18/2017	CJR		1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B	10/18/2017	CJR		1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B	10/18/2017	CJR		1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B	10/18/2017	CJR		1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724A
Sample ID 5470 CTH D PW
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B	10/18/2017	CJR	1	
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B	10/18/2017	CJR	1	
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	10/18/2017	CJR	1	
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B	10/18/2017	CJR	1	
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B	10/18/2017	CJR	1	
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B	10/18/2017	CJR	1	
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B	10/18/2017	CJR	1	
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	10/18/2017	CJR	1	
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	10/18/2017	CJR	1	
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B	10/18/2017	CJR	1	
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B	10/18/2017	CJR	1	
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B	10/18/2017	CJR	1	
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B	10/18/2017	CJR	1	
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	10/18/2017	CJR	1	
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B	10/18/2017	CJR	1	
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B	10/18/2017	CJR	1	
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B	10/18/2017	CJR	1	
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B	10/18/2017	CJR	1	
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B	10/18/2017	CJR	1	
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B	10/18/2017	CJR	1	
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	10/18/2017	CJR	1	
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	10/18/2017	CJR	1	
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	10/18/2017	CJR	1	
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	10/18/2017	CJR	1	
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	10/18/2017	CJR	1	
SUR - Toluene-d8	101	REC %			1	8260B	10/18/2017	CJR	1	
SUR - Dibromofluoromethane	97	REC %			1	8260B	10/18/2017	CJR	1	
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B	10/18/2017	CJR	1	
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B	10/18/2017	CJR	1	

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724B
Sample ID 5489 CTH D PW
Sample Matrix Water
Sample Date 10/12/2017

Organic VOC's	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B				1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B	10/18/2017	CJR		1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B	10/18/2017	CJR		1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B	10/18/2017	CJR		1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B	10/18/2017	CJR		1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B	10/18/2017	CJR		1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B	10/18/2017	CJR		1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B	10/18/2017	CJR		1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B	10/18/2017	CJR		1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B	10/18/2017	CJR		1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B	10/18/2017	CJR		1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B	10/18/2017	CJR		1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B	10/18/2017	CJR		1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B	10/18/2017	CJR		1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B	10/18/2017	CJR		1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B	10/18/2017	CJR		1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B	10/18/2017	CJR		1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B	10/18/2017	CJR		1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B	10/18/2017	CJR		1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B	10/18/2017	CJR		1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B	10/18/2017	CJR		1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B	10/18/2017	CJR		1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B	10/18/2017	CJR		1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B	10/18/2017	CJR		1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B	10/18/2017	CJR		1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B	10/18/2017	CJR		1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B	10/18/2017	CJR		1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B	10/18/2017	CJR		1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B	10/18/2017	CJR		1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B	10/18/2017	CJR		1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B	10/18/2017	CJR		1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	10/18/2017	CJR		1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B	10/18/2017	CJR		1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B	10/18/2017	CJR		1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B	10/18/2017	CJR		1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B	10/18/2017	CJR		1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	10/18/2017	CJR		1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	10/18/2017	CJR		1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B	10/18/2017	CJR		1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B	10/18/2017	CJR		1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B	10/18/2017	CJR		1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B	10/18/2017	CJR		1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	10/18/2017	CJR		1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B	10/18/2017	CJR		1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B	10/18/2017	CJR		1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B	10/18/2017	CJR		1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B	10/18/2017	CJR		1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B	10/18/2017	CJR		1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B	10/18/2017	CJR		1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	10/18/2017	CJR		1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724B
Sample ID 5489 CTH D PW
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		10/18/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		10/18/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		10/18/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		10/18/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		10/18/2017	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		10/18/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		10/18/2017	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B		10/18/2017	CJR	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724C
Sample ID 4885 STH 73 PW
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B			CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B			CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B			CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B			CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B			CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B			CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B			CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B			CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B			CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B			CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B			CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B			CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B			CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B			CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B			CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B			CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B			CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B			CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B			CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B			CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B			CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B			CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B			CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B			CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B			CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B			CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B			CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B			CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B			CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B			CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B			CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B			CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B			CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B			CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B			CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B			CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B			CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B			CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B			CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B			CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B			CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B			CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B			CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B			CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B			CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B			CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B			CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B			CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B			CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B			CJR	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724C
Sample ID 4885 STH 73 PW
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		10/18/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		10/18/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		10/18/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		10/18/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		10/18/2017	CJR	1
SUR - Toluene-d8	103	REC %			1	8260B		10/18/2017	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B		10/18/2017	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		10/18/2017	CJR	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724D
Sample ID 4865 STH 73 PW
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B			CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B			CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B			CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B			CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B			CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B			CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B			CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B			CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B			CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B			CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B			CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B			CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B			CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B			CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B			CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B			CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B			CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B			CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B			CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B			CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B			CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B			CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B			CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B			CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B			CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B			CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B			CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B			CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B			CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B			CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B			CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B			CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B			CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B			CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B			CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B			CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B			CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B			CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B			CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B			CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B			CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B			CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B			CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B			CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B			CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B			CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B			CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B			CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B			CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B			CJR	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724D
Sample ID 4865 STH 73 PW
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		10/18/2017	CJR	I
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B		10/18/2017	CJR	I
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		10/18/2017	CJR	I
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		10/18/2017	CJR	I
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		10/18/2017	CJR	I
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		10/18/2017	CJR	I
SUR - Dibromofluoromethane	99	REC %			1	8260B		10/18/2017	CJR	I
SUR - Toluene-d8	103	REC %			1	8260B		10/18/2017	CJR	I

Lab Code 5033724E
Sample ID MW-3
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		10/18/2017	TCC	I 55
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		10/18/2017	TCC	I 55
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		10/18/2017	TCC	I 55
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		10/18/2017	TCC	I 55
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		10/18/2017	TCC	I 55
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		10/18/2017	TCC	I 55
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		10/18/2017	TCC	I 55
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		10/18/2017	TCC	I 55
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		10/18/2017	TCC	I 55

Lab Code 5033724F
Sample ID MW-1
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		10/18/2017	TCC	I
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		10/18/2017	TCC	I
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		10/18/2017	TCC	I
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		10/18/2017	TCC	I
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		10/18/2017	TCC	I
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		10/18/2017	TCC	I
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		10/18/2017	TCC	I
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		10/18/2017	TCC	I
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		10/18/2017	TCC	I

Project Name LLOYD'S SENECA OASIS

Invoice # E33724

Project #

Lab Code 5033724G

Sample ID PZ-1

Sample Matrix Water

Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	2.55	ug/l	0.27	0.87	1	GRO95/8021		10/18/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		10/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		10/18/2017	TCC	1
Naphthalene	2.94 "J"	ug/l	1.7	5.27	1	GRO95/8021		10/18/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		10/18/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		10/18/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		10/18/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		10/18/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		10/18/2017	TCC	1

Lab Code 5033724H

Sample ID MW-5

Sample Matrix Water

Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	21.4	ug/L	0.9	3	1	7421		10/13/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	30.8	ug/l	2.7	8.7	10	GRO95/8021		10/18/2017	TCC	1
Ethylbenzene	410	ug/l	5.6	17.7	10	GRO95/8021		10/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 4.3	ug/l	4.3	13.6	10	GRO95/8021		10/18/2017	TCC	1
Naphthalene	210	ug/l	17	52.7	10	GRO95/8021		10/18/2017	TCC	1
Toluene	650	ug/l	3.3	10.6	10	GRO95/8021		10/18/2017	TCC	1
1,2,4-Trimethylbenzene	1260	ug/l	5.6	17.8	10	GRO95/8021		10/18/2017	TCC	1
1,3,5-Trimethylbenzene	390	ug/l	5.8	18.4	10	GRO95/8021		10/18/2017	TCC	1
m&p-Xylene	2740	ug/l	11	34.9	10	GRO95/8021		10/18/2017	TCC	1
o-Xylene	1350	ug/l	6.1	19.2	10	GRO95/8021		10/18/2017	TCC	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

Lab Code 5033724I
Sample ID MW-4
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	40.0	ug/L	1.8	6	2	7421			CWT	I
Organic										
PVOC + Naphthalene										
Benzene	151	ug/l	13.5	43.5	50	GRO95/8021			TCC	I
Ethylbenzene	2840	ug/l	28	88.5	50	GRO95/8021			TCC	3 64
Methyl tert-butyl ether (MTBE)		< 21.5	ug/l	21.5	68	50	GRO95/8021			I
Naphthalene	770	ug/l	85	263.5	50	GRO95/8021			TCC	I
Toluene	7400	ug/l	16.5	53	50	GRO95/8021			TCC	3 64
1,2,4-Trimethylbenzene	5000	ug/l	28	89	50	GRO95/8021			TCC	3 64
1,3,5-Trimethylbenzene	1410	ug/l	29	92	50	GRO95/8021			TCC	3 64
m&p-Xylene	11200	ug/l	55	174.5	50	GRO95/8021			TCC	3 64
o-Xylene	5100	ug/l	30.5	96	50	GRO95/8021			TCC	3 64

Lab Code 5033724J

Sample ID TB
Sample Matrix Water
Sample Date 10/12/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021			TCC	I
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021			TCC	I
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021			TCC	I
Naphthalene	< 1.7	ng/l	1.7	5.27	1	GRO95/8021			TCC	I
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021			TCC	I
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021			TCC	I
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021			TCC	I
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021			TCC	I
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021			TCC	I

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E33724

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

- 1 Laboratory QC within limits.
- 3 The matrix spike not within established limits.
- 55 Vials combined due to sedimentation.
- 64 Spike recovery failed due to matrix interference.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michael Ricker

CHAIN OF JSTODY RECORD

Synergy

Chain # No. 305

Page 1 of 1

Lab ID:	
Account No.:	Quote No.:
Project #:	
Sampler: (signature) <i>Jan Deem</i>	

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

Project (Name / Location): Lloyd's Seneca Oasis /

Reports To: Heather Gehrt

Invoice To: Heather Gehrt

Company Wood County

Company C/o METCO

Address 100 Market Street

Address 709 Gillette St, Ste. 3

City State Zip Wisconsin Rapids, WI 54495

City State Zip La Crosse, WI 54603

Phone -9095

Phone

FAX

FAX

Analysis Requested

Other Analysis

PID/
FID

Lab ID	Sample I.D.	Collection Date Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dissolved)	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 802t)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 5422)	VOC (EPA 8260)	B-RCRA METALS	
S00357-1	5470 CTH D PW	10-12 840			N	3	GW	HLL															
R	5489 CTH D PW	850																					
	4885 STH 73 PW	910																					
D	4865 STH 73 PW	925																					
	MW-3	1000																	X				
	MW-1	1020																	X				
	PZ-1	1045			Y	3								Y					X				
	MW-5	1105			Y	4								HLL, HNO ₃	X			X					
	MW-4	1130			Y	2		V						HLL, HNO ₃	X			X					
	TB													HLL				X					

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

Lab to send copy of report to METCO / Jason P. (Invoice to METCO)
 * UTC rates apply
 * Agent Status

Sample Integrity - To be completed by receiving lab

Relinquished By (sign)

Time

Date

Received By: (sign)

Time _____ Date _____

Method of Shipment

Temp. of Temp. Blank °C On Ice Cooler seal intact upon receipt: Yes No

11:30 AM 10-12-17

Received in Laboratory By:

Christie M.

Time: \$ 00

Date: 10/13/17

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

HEATHER GEHRT
 WOOD COUNTY
 400 MARKET STREET
 WISCONSIN RAPIDS, WI 54495

Report Date 18-Jan-18

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E34115

Lab Code 5034115A
Sample ID 5488 CTHD PW
Sample Matrix Water
Sample Date 1/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B			CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B			CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B			CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B			CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B			CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B			CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B			CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B			CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B			CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B			CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B			CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B			CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B			CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B			CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B			CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B			CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B			CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B			CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B			CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B			CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B			CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B			CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B			CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B			CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B			CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B			CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B			CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B			CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B			CJR	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E34115

Lab Code 5034115A
Sample ID 5488 CTHD PW
Sample Matrix Water
Sample Date 1/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B	1/12/2018	CJR	1	
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B	1/12/2018	CJR	1	
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	1/12/2018	CJR	1	
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B	1/12/2018	CJR	1	
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B	1/12/2018	CJR	1	
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B	1/12/2018	CJR	1	
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B	1/12/2018	CJR	1	
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	1/12/2018	CJR	1	
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	1/12/2018	CJR	1	
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B	1/12/2018	CJR	1	
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B	1/12/2018	CJR	1	
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B	1/12/2018	CJR	1	
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B	1/12/2018	CJR	1	
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	1/12/2018	CJR	1	
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B	1/12/2018	CJR	1	
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B	1/12/2018	CJR	1	
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B	1/12/2018	CJR	1	
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B	1/12/2018	CJR	1	
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B	1/12/2018	CJR	1	
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B	1/12/2018	CJR	1	
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	1/12/2018	CJR	1	
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	1/12/2018	CJR	1	
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	1/12/2018	CJR	1	
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	1/12/2018	CJR	1	
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	1/12/2018	CJR	1	
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B	1/12/2018	CJR	1	
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B	1/12/2018	CJR	1	
SUR - Dibromofluoromethane	104	REC %			1	8260B	1/12/2018	CJR	1	
SUR - Toluene-d8	99	REC %			1	8260B	1/12/2018	CJR	1	

Lab Code 5034115B
Sample ID MW-3
Sample Matrix Water
Sample Date 1/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 1.1	ug/l	1.1	3.45	5	GRO95/8021	1/12/2018	CJR	149	
Ethylbenzene	< 2.65	ug/l	2.65	8.45	5	GRO95/8021	1/12/2018	CJR	149	
Methyl tert-butyl ether (MTBE)	< 2.85	ug/l	2.85	9.1	5	GRO95/8021	1/12/2018	CJR	149	
Naphthalene	< 8.5	ug/l	8.5	26.9	5	GRO95/8021	1/12/2018	CJR	149	
Toluene	< 2.25	ug/l	2.25	7.25	5	GRO95/8021	1/12/2018	CJR	149	
1,2,4-Trimethylbenzene	< 3.65	ug/l	3.65	11.65	5	GRO95/8021	1/12/2018	CJR	149	
1,3,5-Trimethylbenzene	< 3.75	ug/l	3.75	11.95	5	GRO95/8021	1/12/2018	CJR	149	
m&p-Xylene	< 5	ug/l	5	15.85	5	GRO95/8021	1/12/2018	CJR	149	
o-Xylene	< 2.9	ug/l	2.9	9.2	5	GRO95/8021	1/12/2018	CJR	149	

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E34115

Lab Code 5034115C
Sample ID MW-1
Sample Matrix Water
Sample Date 1/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021			CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021	1/12/2018		CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021	1/12/2018		CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021	1/12/2018		CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021	1/12/2018		CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021	1/12/2018		CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021	1/12/2018		CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021	1/12/2018		CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021	1/12/2018		CJR	1

Lab Code 5034115D
Sample ID PZ-1
Sample Matrix Water
Sample Date 1/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.59 "J"	ug/l	0.22	0.69	1	GRO95/8021			CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021	1/12/2018		CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021	1/12/2018		CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021	1/12/2018		CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021	1/12/2018		CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021	1/12/2018		CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021	1/12/2018		CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021	1/12/2018		CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021	1/12/2018		CJR	1

Lab Code 5034115E
Sample ID MW-5
Sample Matrix Water
Sample Date 1/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	13.7	ug/L	4.5	15	5	7421			CWT	149
Organic										
PVOC + Naphthalene										
Benzene	26.2	ug/l	4.4	13.8	20	GRO95/8021			CJR	1
Ethylbenzene	380	ug/l	10.6	33.8	20	GRO95/8021	1/12/2018		CJR	1
Methyl tert-butyl ether (MTBE)										
Naphthalene	< 11.4	ug/l	11.4	36.4	20	GRO95/8021	1/12/2018		CJR	1
Toluene	184	ug/l	34	107.6	20	GRO95/8021	1/12/2018		CJR	1
1,2,4-Trimethylbenzene	520	ug/l	9	29	20	GRO95/8021	1/12/2018		CJR	1
1,3,5-Trimethylbenzene	1000	ug/l	14.6	46.6	20	GRO95/8021	1/12/2018		CJR	1
m&p-Xylene	308	ug/l	15	47.8	20	GRO95/8021	1/12/2018		CJR	1
o-Xylene	1710	ug/l	20	63.4	20	GRO95/8021	1/12/2018		CJR	1
	790	ug/l	11.6	36.8	20	GRO95/8021	1/12/2018		CJR	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E34115

Lab Code 5034115F
Sample ID TB
Sample Matrix Water
Sample Date 1/9/2018

Organic	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/12/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/12/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/12/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/12/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/12/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/12/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/12/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/12/2018	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

49 Sample diluted to compensate for matrix interference.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michael Ricker

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

HEATHER GEHRT
 WOOD COUNTY
 400 MARKET STREET
 WISCONSIN RAPIDS, WI 54495

Report Date 12-Apr-18

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E34461

Lab Code 5034461A
Sample ID MW-3
Sample Matrix Water
Sample Date 4/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
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Organic

PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		4/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		4/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		4/11/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		4/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		4/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		4/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		4/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		4/11/2018	CJR	1

Lab Code 5034461B
Sample ID MW-1
Sample Matrix Water
Sample Date 4/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
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Organic

PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		4/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		4/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		4/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		4/11/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		4/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		4/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		4/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		4/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		4/11/2018	CJR	1

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E34461

Lab Code 5034461C
Sample ID PZ-1
Sample Matrix Water
Sample Date 4/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	4.5	ug/l	0.22	0.69	1	GRO95/8021	4/11/2018	CJR	1	
Ethylbenzene	1.26 "J"	ug/l	0.53	1.69	1	GRO95/8021	4/11/2018	CJR	1	
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021	4/11/2018	CJR	1	
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021	4/11/2018	CJR	1	
Toluene	0.45 "J"	ug/l	0.45	1.45	1	GRO95/8021	4/11/2018	CJR	1	
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021	4/11/2018	CJR	1	
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021	4/11/2018	CJR	1	
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021	4/11/2018	CJR	1	
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021	4/11/2018	CJR	1	

Lab Code 5034461D
Sample ID MW-5
Sample Matrix Water
Sample Date 4/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	20.7	ug/l	2.2	6.9	10	GRO95/8021	4/12/2018	CJR	1	
Ethylbenzene	64	ug/l	5.3	16.9	10	GRO95/8021	4/12/2018	CJR	1	
Methyl tert-butyl ether (MTBE)	< 5.7	ug/l	5.7	18.2	10	GRO95/8021	4/12/2018	CJR	1	
Naphthalene	90	ug/l	17	53.8	10	GRO95/8021	4/12/2018	CJR	1	
Toluene	275	ug/l	4.5	14.5	10	GRO95/8021	4/12/2018	CJR	1	
1,2,4-Trimethylbenzene	840	ug/l	7.3	23.3	10	GRO95/8021	4/12/2018	CJR	1	
1,3,5-Trimethylbenzene	304	ug/l	7.5	23.9	10	GRO95/8021	4/12/2018	CJR	1	
m&p-Xylene	1370	ug/l	10	31.7	10	GRO95/8021	4/12/2018	CJR	1	
o-Xylene	660	ug/l	5.8	18.4	10	GRO95/8021	4/12/2018	CJR	1	

Lab Code 5034461E
Sample ID TB
Sample Matrix Water
Sample Date 4/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021	4/11/2018	CJR	1	
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021	4/11/2018	CJR	1	
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021	4/11/2018	CJR	1	
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021	4/11/2018	CJR	1	
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021	4/11/2018	CJR	1	
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021	4/11/2018	CJR	1	
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021	4/11/2018	CJR	1	
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021	4/11/2018	CJR	1	
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021	4/11/2018	CJR	1	

Project Name LLOYD'S SENECA OASIS
Project #

Invoice # E34461

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy

Chain # № 338

Page 1 of 1

Account No.:	Quote No.:
Project #:	
Sampler: (signature)	

Environmental Lab, Inc.

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

Project (Name / Location): <u>Lloyd's Seneca Oasis/Vesper</u>	
Reports To: <u>Heather Gehrt</u>	Invoice To: <u>Heather Gehrt</u>
Company <u>Wood County</u>	Company <u>4/6 METCO</u>
Address <u>400 Market Street</u>	Address <u>709 Gillette St, Ste.3</u>
City State Zip <u>Wisconsin Rapids, WI</u>	City State Zip <u>La Crosse, WI 54603</u>
Phone <u>54445</u>	Phone
FAX	FAX

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

Lab to Send copy of report to METCO/Jason P. (Invoice to METCO)
* WLC Rates Apply
* Agent Status

Sample Integrity - To be completed by receiving lab	Relinquished By: (sign) <i>Tyler Woodke</i>	Time 3:30pm 4-4-18	Date	Received By: (sign)	Time	Date	
Method of Shipment:							
Temp of Temp Blank: _____	<input checked="" type="checkbox"/> On Ice						
Cold chain interruption (check):	<input type="checkbox"/> Yes	<input type="checkbox"/> No					
Received in Laboratory By:							
	Time: 8:00	Date: 4/5/18					