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June 8, 2016

BRRTS #: 03-16-000069
PECFA #: 54873-0057-11-A

Ralph Smith
Wisconsin Department of Natural Resources
101 S. Webster Street
Madison, WI 53707

Subject: Smith's Union 76 – Annual Groundwater Monitoring Report

Dear Mr. Smith,

Enclosed is the report for the Smith's Union 76 site located in Solon Springs, Wisconsin. **This completes the Public Bidding Deferred workscope approved on April 6, 2015.**

Free Product Recovery

On June 11, 2015, METCO personnel checked all accessible monitoring wells for the presence of free product. Measurable free product was encountered in MW-6 (1.32 inches) with a total of 0.04 gallons recovered by hand bailing.

On September 14, 2015, METCO personnel checked all accessible monitoring wells for the presence of free product. Measurable free product was encountered in MW-6 (2.40 inches) with a total of 0.05 gallons recovered by hand bailing.

On December 10, 2015, METCO personnel checked all accessible monitoring wells for the presence of free product. Free product was not encountered in any monitoring wells.

On March 9, 2016, METCO personnel checked all accessible monitoring wells for the presence of free product. Free product was not encountered in any monitoring wells.

Groundwater Monitoring Workscope

On June 11, 2015, METCO personnel collected groundwater samples from eight monitoring wells (MW-1 thru MW-8) and the on-site private well for PVOC and Naphthalene analysis. Monitoring wells MW-2, MW-5, and MW-6 were also analyzed for Dissolved Lead. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells. During the groundwater sampling, the flush mount cover for monitoring well MW-4 was ripped out of the ground as it appeared to have been hit by a snow plow. The flush mount was put back in at this time.

On September 14, 2015, METCO personnel collected groundwater samples from eight

monitoring wells (MW-1 thru MW-8) and the on-site private well for PVOC and Naphthalene analysis. Monitoring wells MW-2, MW-5, and MW-6 were also analyzed for Dissolved Lead. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells.

On December 10, 2015, METCO personnel collected groundwater samples from eight monitoring wells (MW-1 thru MW-8) and the on-site private well for PVOC and Naphthalene analysis. Monitoring wells MW-2, MW-5, and MW-6 were also analyzed for Dissolved Lead. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells.

On March 9, 2016, METCO personnel collected groundwater samples from eight monitoring wells (MW-1 thru MW-8) and the on-site private well for PVOC and Naphthalene analysis. Monitoring wells MW-2, MW-5, and MW-6 were also analyzed for Dissolved Lead. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells.

Discussion of Free Product Recovery

Free product was encountered for the first time in MW-6 (2 inches) during the May 21, 2014 sampling event. Free product was encountered in MW-6 again on June 11, 2015 (1.32 inches) and September 14, 2015 (2.40 inches). However, free product has not been encountered in MW-6 during the two most recent sampling events (December 10, 2015 and March 9, 2016). Since May 21, 2014, a total of 0.18 gallons of free product has been removed from the well by hand bailing. Free product has not been encountered in any other monitoring wells.

Discussion of Groundwater Results

Private Well 11427 S. Bus Hwy 53: Currently shows no detects for PVOC and Naphthalene. Of the five times it has been sampled, it has not shown any ES or PAL exceedances for PVOC, Naphthalene, or Lead.

Monitoring Well MW-1: Currently shows a NR140 ES exceedance for Benzene (22.3 ppb). The contaminant concentrations appear to be stable.

Monitoring Well MW-2: Currently shows NR140 ES exceedances for Benzene (25.8 ppb) and Trimethylbenzenes (550 ppb). It also shows PAL exceedances for Naphthalene (38 ppb) and Xylene (745 ppb). The contaminant concentrations appear to be stable.

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

Monitoring Well MW-4: Currently shows no detects for PVOC and Naphthalene.

Monitoring Well MW-5: Currently shows a NR140 ES exceedance for Benzene (5.6 ppb). It also shows PAL exceedances for Naphthalene (79 ppb), Trimethylbenzenes (248 ppb), and Lead (1.8 ppb). The contaminant concentrations appear to be stable.

Monitoring Well MW-6: Currently shows NR140 ES exceedances for Benzene (1,130 ppb), Ethylbenzene (6,100 ppb), Naphthalene (1,180 ppb), Toluene (17,000 ppb), Trimethylbenzenes (10,040 ppb), and Xylene (29,600 ppb). It also shows a PAL exceedance for Lead (7.4 ppb). The contaminant concentrations appear to be stable.

Monitoring Well MW-7: Currently shows NR140 ES exceedances for Benzene (35 ppb) and Trimethylbenzenes (875 ppb). It also shows PAL exceedances for Ethylbenzene (231 ppb), Naphthalene (82 ppb), and Xylene (1,065 ppb). The contaminant concentrations appear to be stable.

Monitoring Well MW-8: Currently shows no detects for PVOC and Naphthalene.

Conclusions/Recommendations

It is the recommendation of METCO that this site be reviewed for the possibility of closure for the following reasons: 1) The extent of soil and groundwater contamination appears to be adequately defined. 2) Soil samples with exceedances appear to be at relatively low levels with no Non-Industrial Direct Contact exceedances. 3) Free product was not encountered in the two most recent sampling events. 4) The groundwater contaminant trends appear to be at least stable. 5) The on-site private well (11427 S. Bus. Hwy 53) has been sampled on five separate occasions and has never exceeded the ES or PAL for any contaminants of concern. 6) Since soil and groundwater results collected near the on-site building show relatively low contaminant levels and the contaminant plume does not extend beneath any off-site buildings, vapor intrusion does not appear to be a risk at this time.

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

Per a response from the WDNR of these conclusions/recommendations, METCO will proceed with this project.

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: Adam Bachand - Client

SITE LAYOUT MAP

SMITH'S UNION 76 STATION

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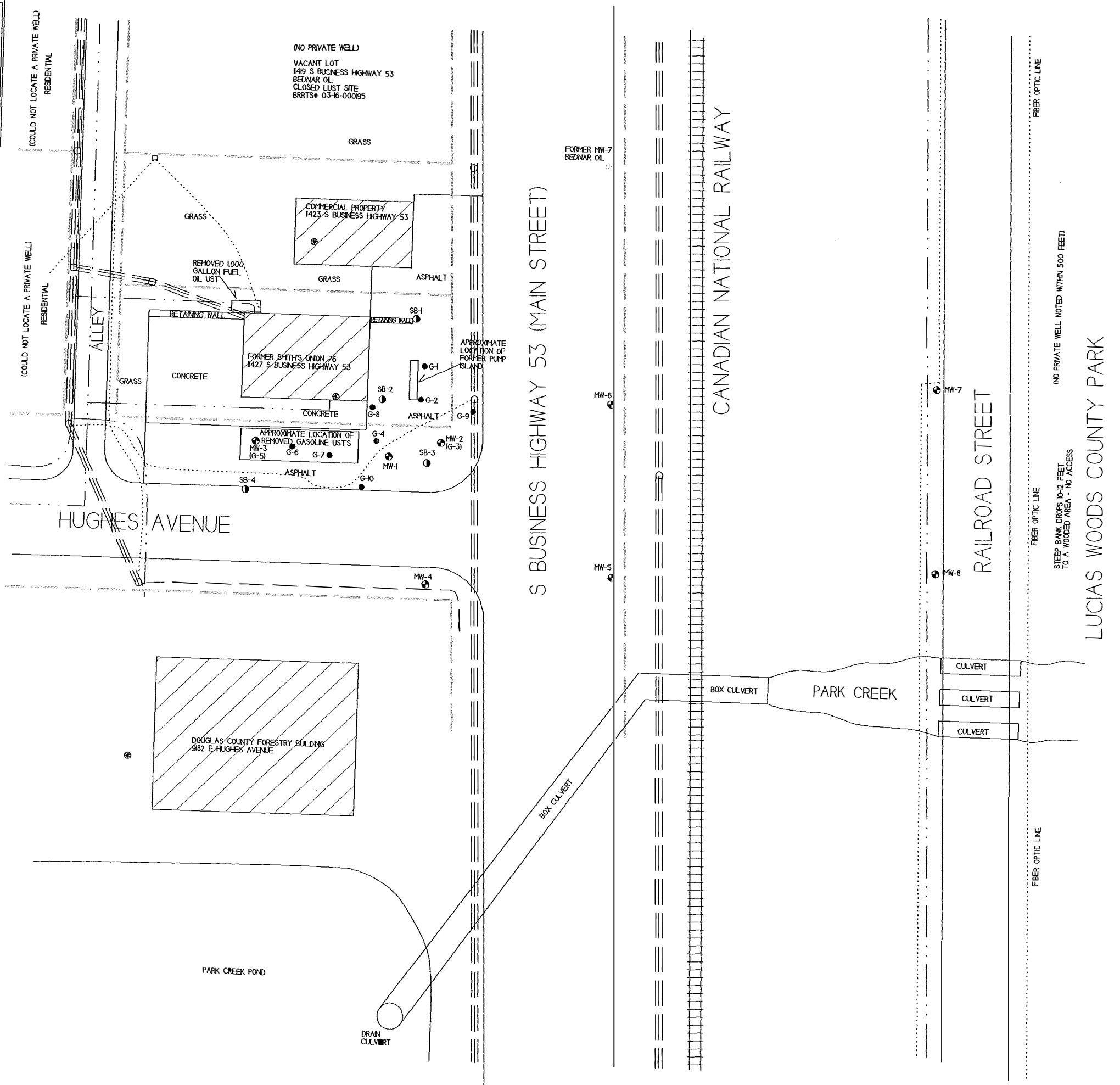
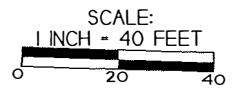
SOLON SPRINGS, WISCONSIN

DRAWN BY: ED
DATE: 06/27/2002

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- ==== - OVERHEAD LINES
- - BURIED ELECTRIC
- - - - - TELEPHONE LINE
- - - - - NATURAL GAS
- - - - - SANITARY SEWER
- ===== - PROPERTY LINE

- - SOIL BORING LOCATION (TWIN CITY TESTING - 1990)
- ⊙ - MONITORING WELL LOCATION
- - GEOPROBE BORING LOCATION
- ⊕ - POTABLE WELL LOCATION



NO PRIVATE WELL NOTED WITHIN 500 FEET
STEEP BANK DROPS 100+ FEET
TO A WOODED AREA - NO ACCESS

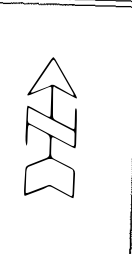
LUCIAS WOODS COUNTY PARK

GROUNDWATER FLOW DIRECTION (6/11/15)

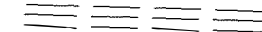

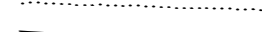



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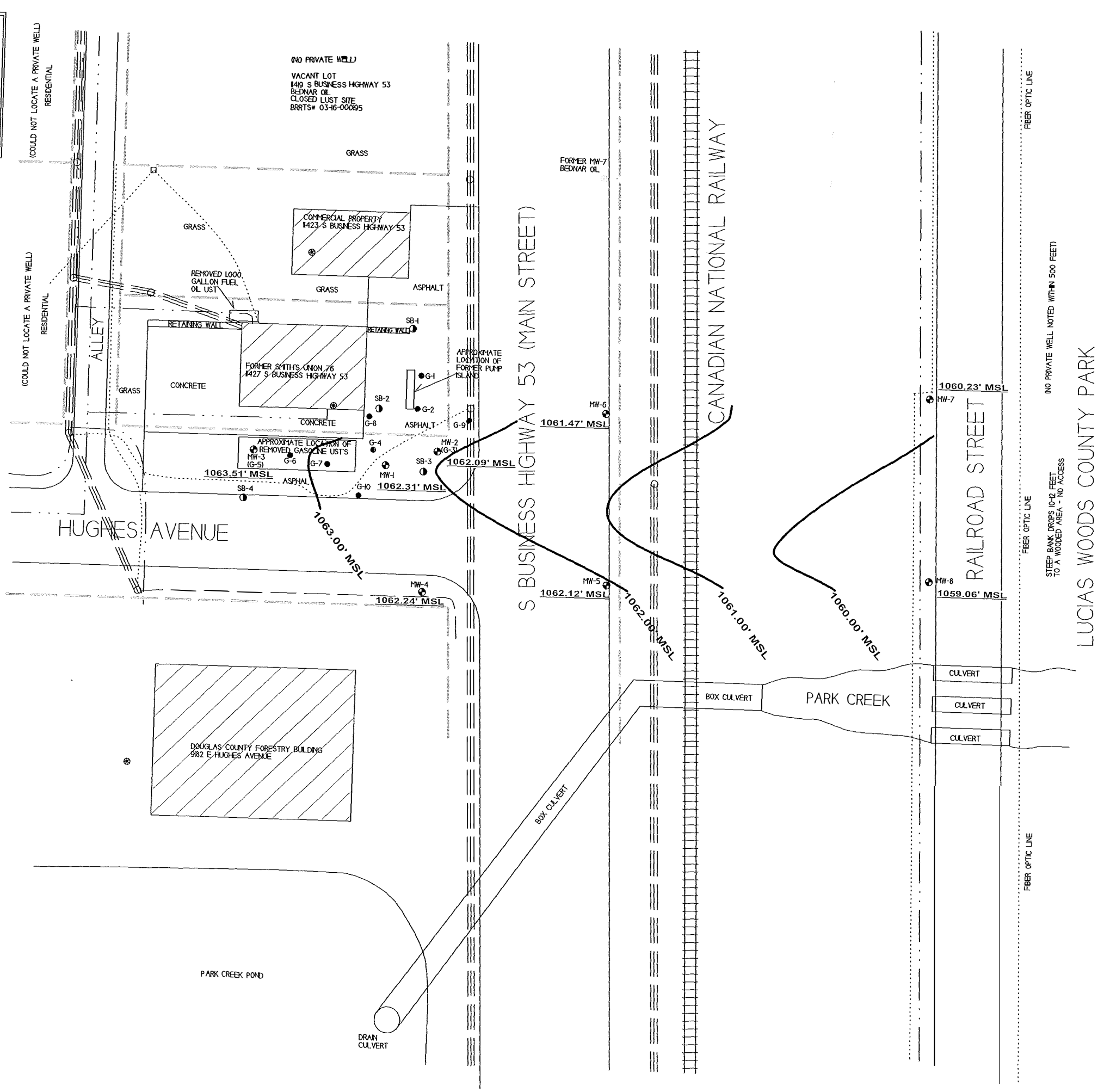
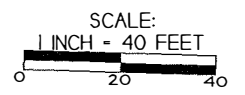
SOLON SPRINGS, WISCONSIN
 DRAWN BY: ED
 DATE: 06/27/2012



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GROUNDWATER FLOW DIRECTION (9/14/15)

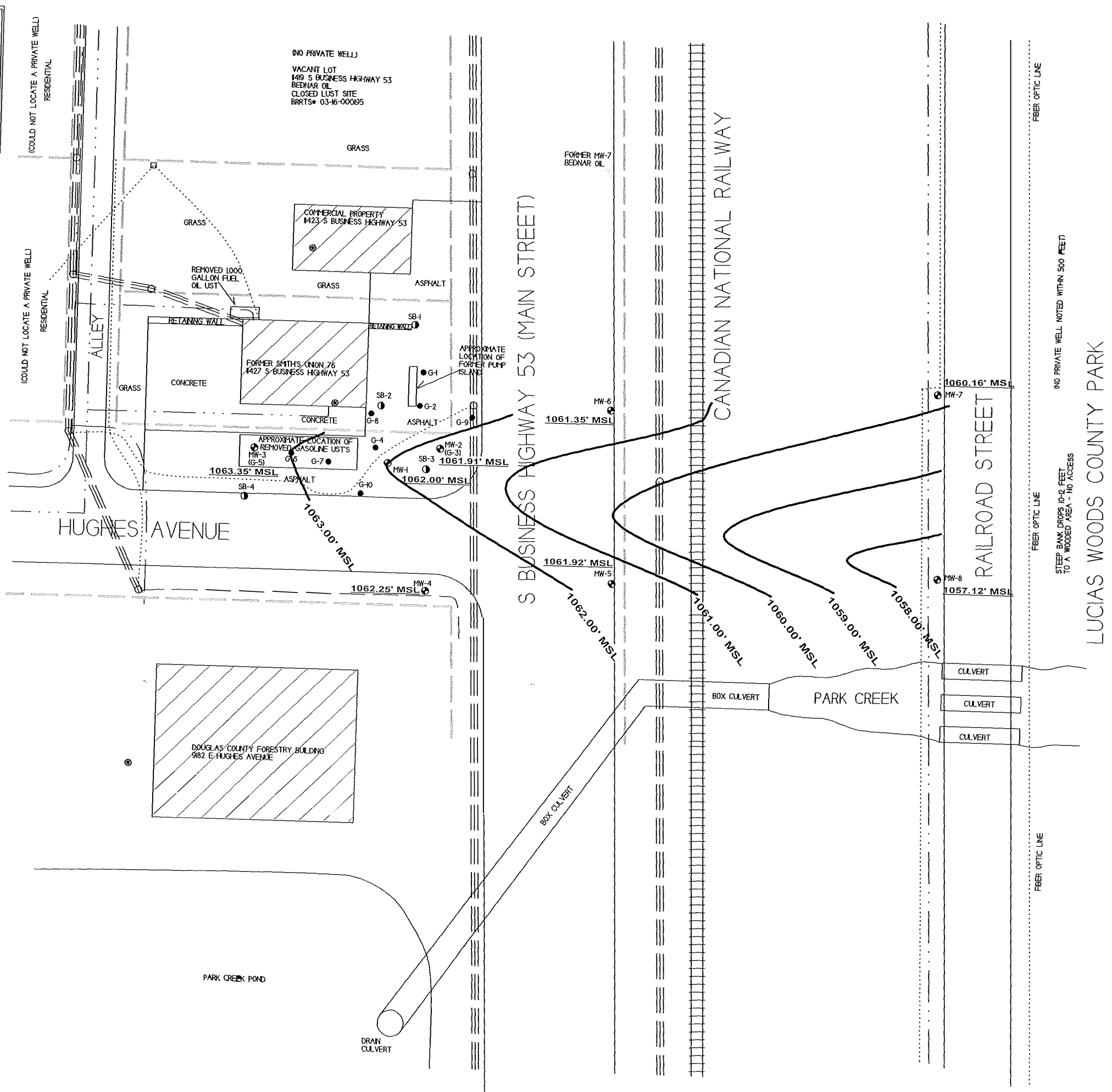
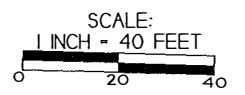
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- NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- OVERHEAD LINES
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 - GEOPROBE BORING LOCATION
 - POTABLE WELL LOCATION



NO PRIVATE WELL NOTED WITHIN 500 FEET
STEEP BANK DROPS 10-15 FEET
TO A WOODED AREA - NO ACCESS

LUCIAS WOODS COUNTY PARK

GROUNDWATER FLOW DIRECTION (12/10/15)

SMITH'S UNION 76 STATION

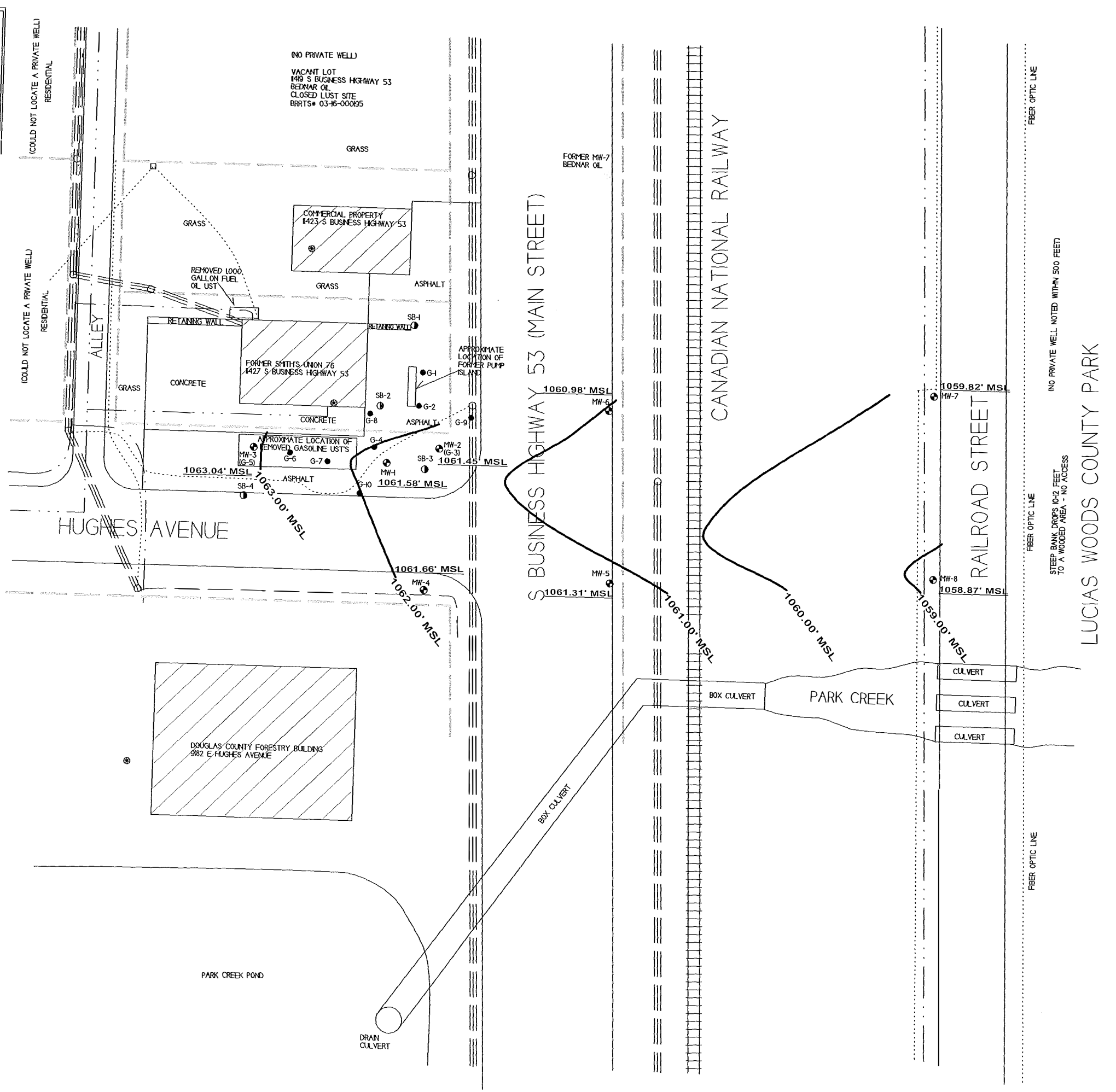
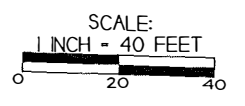
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GROUNDWATER FLOW DIRECTION (3/9/16)

SMITH'S UNION 76 STATION

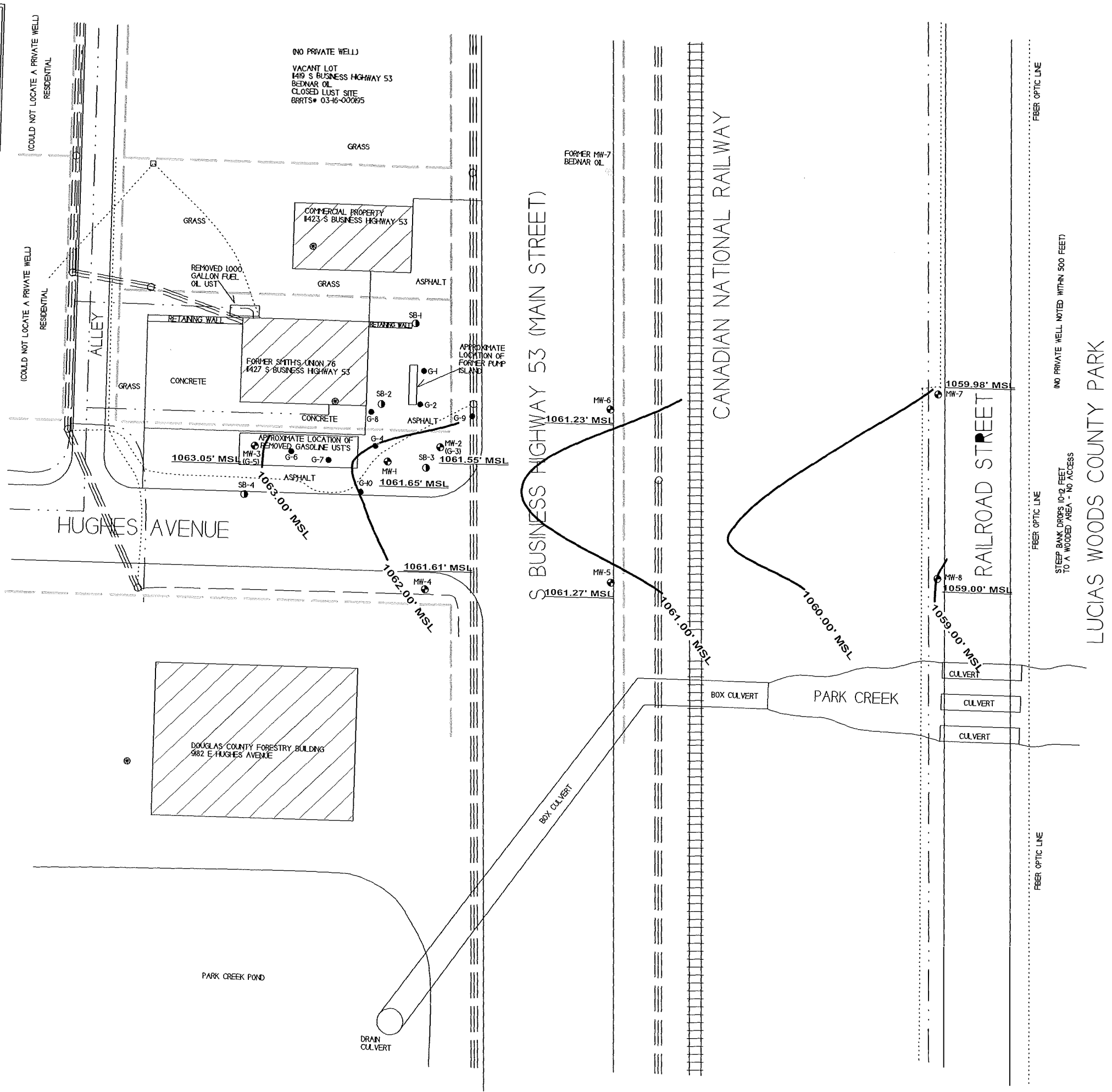
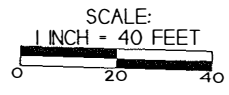
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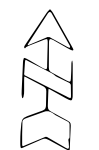
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- GEOPROBE BORING LOCATION
- POTABLE WELL LOCATION



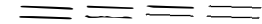
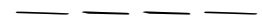
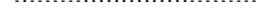



GROUNDWATER ISOCONCENTRATION (3/9/16)





SMITH'S UNION 76 STATION

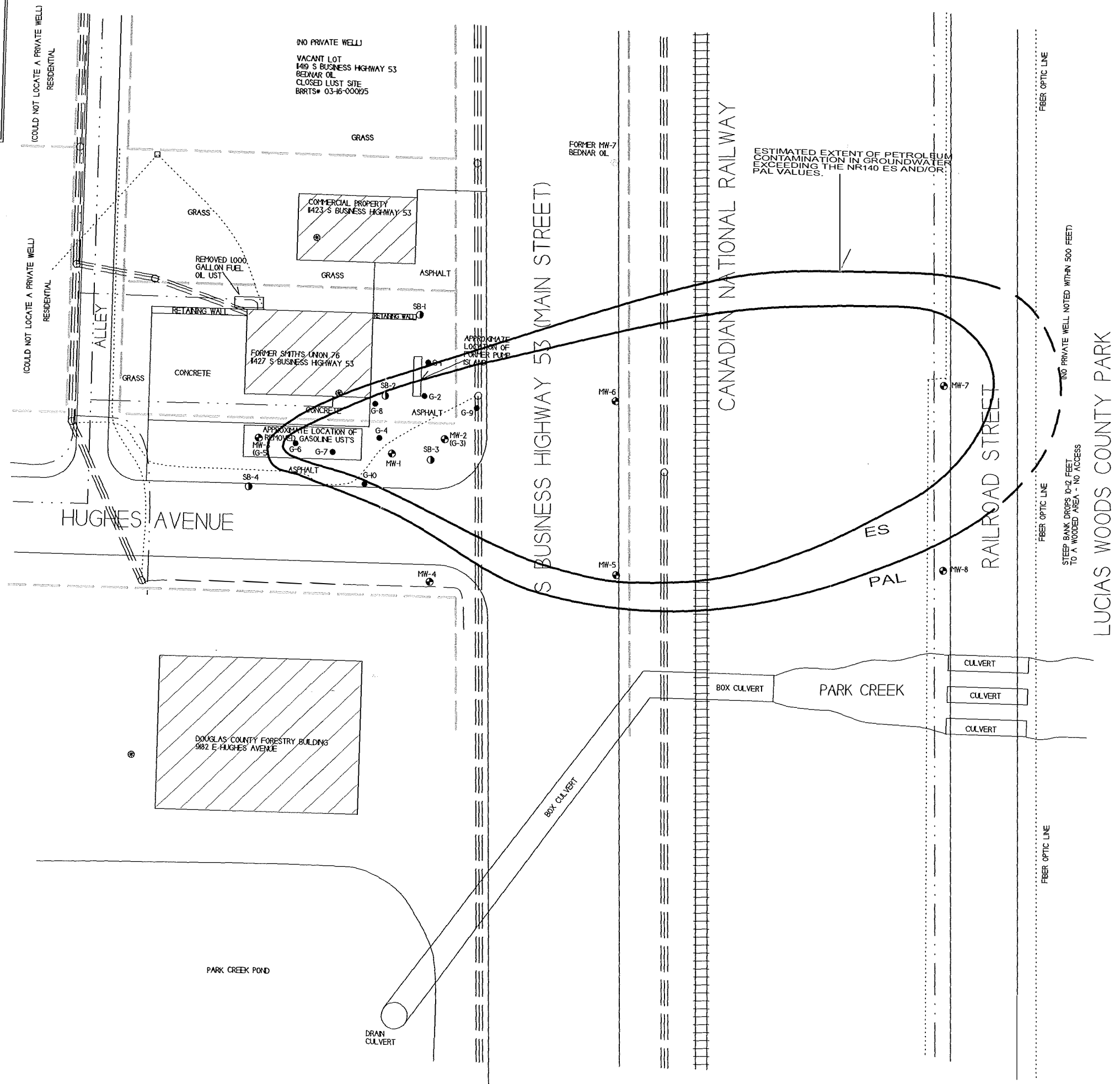
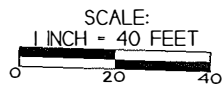
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NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

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A.1 Groundwater Analytical Table
 Smith's Union 76 LUST Site BRRTS# 03-16-000069

Well MW-1
 PVC Elevation = 1076.09 (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)
10/02/12	1061.47	14.62	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
11/07/13	1061.44	14.65	1.2	44	1.36	<0.37	<1.2	2.22	1.43-2.26	1.75-2.56
02/19/14	COULD NOT LOCATE - UNDER SNOW PILE									
05/21/14	1062.44	13.65	<0.7	52	0.88	<0.37	<1.2	1.38	<1.69	<2.41
06/11/15	1062.31	13.78	NS	3.9	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/14/15	1062.00	14.09	NS	42	<0.73	<0.49	<2.6	1.52	<1.51	<2.06
12/10/15	1061.58	14.51	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
03/09/16	1061.65	14.44	NS	22.3	<0.73	<0.49	<2.6	0.98	<1.51	<2.06
ENFORCEMENT 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

ns = not sampled

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

Well MW-2
 PVC Elevation = 1076.01 (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)
10/02/12	1061.37	14.64	<0.7	<25	228	<40	<105	40	1500	1310
11/07/13	1061.36	14.65	0.9	3.14	22.7	<0.37	6	3.2	121	118
02/19/14	1061.02	14.99	<0.7	23.5	138	<3.7	54	13.8	775	740
05/21/14	1062.31	13.70	5.9	52	330	<18.5	65	<40	1270	1800
06/11/15	1062.09	13.92	1.3	20.7	153	<4.9	51	12	576	790
09/14/15	1061.91	14.10	1.5	24.7	309	<4.9	98	18.3	1162	1730
12/10/15	1061.45	14.56	1.4	<4.4	264	<11	70	7.3	923	1390
03/09/16	1061.55	14.46	<0.8	25.8	128	<4.9	38	14.6	550	745
ENFORCEMENT 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

ns = not sampled

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

Well MW-3
 PVC Elevation = 1076.55 (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)
10/02/12	1062.92	13.63	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
11/07/13	1062.87	13.68	<0.7	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
02/19/14	1062.45	14.10	<0.7	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
05/21/14	1063.86	12.69	<0.7	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
06/11/15	1063.51	13.04	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/14/15	1063.35	13.20	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/10/15	1063.04	13.51	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
03/09/16	1063.05	13.50	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCEMENT 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

ns = not sampled

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

A.1 Groundwater Analytical Table
 Smith's Union 76 LUST Site BRRTS# 03-16-000069

Well MW-4
 PVC Elevation = 1075.13 (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)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/02/12	1061.59	13.54	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
11/07/13	1061.59	13.54	<0.7	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
02/19/14	COULD NOT LOCATE									
05/21/14	1062.56	12.57	<0.7	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
06/11/15	1062.24	12.89	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/14/15	1062.25	12.88	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/10/15	1061.66	13.47	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
03/09/16	1061.61	13.52	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCEMENT 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
 ns = not sampled

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

Well MW-5
 PVC Elevation = 1074.47 (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)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/02/12	1061.35	13.12	9.8	<5	34	<8	24.6	<5.3	1002	179-187
11/07/13	1061.35	13.12	2.4	0.64	4.8	<0.37	2.44	<0.8	36.4	23.49
02/19/14	1060.67	13.80	2.7	<2.7	20.9	<3.7	20.2	<8	241	65-73.1
05/21/14	1062.48	11.99	<0.7	<2.7	24.8	<3.7	<12	<8	753	135-143.1
06/11/15	1062.12	12.35	1.3	4.4	34	<0.49	13.8	4.8	259	69.6
09/14/15	1061.92	12.55	2.2	8.4	152	<0.49	34	8.9	590	624.4
12/10/15	1061.31	13.16	1.7	<4.4	21.2	<11	18.1	<4.4	255	60-69
03/09/16	1061.27	13.20	1.8	5.6	26.8	<4.9	79	13.6	248	95.6
ENFORCEMENT 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
 ns = not sampled

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

Well MW-6
 PVC Elevation = 1076.78 (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)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/02/12	1061.03	15.75	7	2420	4700	<160	680	23200	4180	23600
11/07/13	1060.93	15.85	25.6	21.8	39	<0.37	5.9	175	39.5	182
02/19/14	1060.64	16.14	33	304	3200	<37	2540	3300	5280	14540
05/21/14	1062.13	14.65	19.3	2790	4900	<185	750	21000	4670	23800
06/11/15	1061.47	15.31	61.1	1600	5900	<49	1330	17900	10780	28800
09/14/15	1061.35	15.43	37	1800	5400	<49	990	18700	7870	26100
12/10/15	1060.98	15.80	17.5	1570	6300	<110	1240	20400	9430	28600
03/09/16	1061.23	15.55	7.4	1130	6100	<49	1180	17000	10040	29600
ENFORCEMENT 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
 ns = not sampled

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

A.1 Groundwater Analytical Table
 Smith's Union 76 LUST Site BRRTS# 03-16-000069

Well MW-7

PVC Elevation = 1069.57 (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)
11/07/13	1059.77	9.80	<0.7	116	430	<2.3	134	16.6	1267	1564
02/19/14	1059.52	10.05	<0.7	23.7	49	<0.37	9.8	2.41	74	185
05/21/14	1060.78	8.79	<0.7	0.87	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
06/11/15	1060.23	9.34	NS	8.5	29.8	<0.49	12	1.09	231	111.58
09/14/15	1060.16	9.41	NS	0.81	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/10/15	1059.82	9.75	NS	17.2	75	<1.1	29.9	0.66	265	279.24
03/09/16	1059.98	9.59	NS	35	231	<4.9	82	30.6	875	1065
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

ns = not sampled

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

Well MW-8

PVC Elevation = 1064.48 (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)
11/07/13	1058.90	5.58	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	1.56-2.19
02/19/14	COULD NOT ACCESS - WATER RUNNING OVER WELL									
05/21/14	1059.81	4.67	<0.7	<0.27	<0.82	<0.37	<1.2	<0.8	2.09-2.95	4.81
06/11/15	1059.06	5.42	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/14/15	1057.12	7.36	NS	<0.46	<0.73	<0.49	<2.6	<0.39	7-7.83	10.8-11.46
12/10/15	1058.87	5.61	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
03/09/16	1059.00	5.48	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
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

ns = not sampled

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

Private Well 9182 E. Hughes

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)
11/07/13	NM	NM	3.2	<0.24	<0.48	<0.49	<0.23	<0.24	<0.57	<0.94
02/19/14	NM	NM	<0.7	NOT SAMPLED						
05/21/14	NOT SAMPLED									
06/11/15	NM	NM	NOT SAMPLED							
09/14/15	NM	NM	NOT SAMPLED							
12/10/15	NM	NM	NOT SAMPLED							
03/09/16	NM	NM	NOT SAMPLED							
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

ns = not sampled

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

A.1 Groundwater Analytical Table
 Smith's Union 76 LUST Site BRRTS# 03-16-000069

Private Well 11423 S. Bus Hwy

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)
11/07/13	NM	NM	<0.7	<0.24	<0.48	<0.49	<0.23	<0.24	<0.57	<0.94
02/19/14	NOT SAMPLED									
05/21/14	NOT SAMPLED									
06/11/15	NM	NM	NOT SAMPLED							
09/14/15	NM	NM	NOT SAMPLED							
12/10/15	NM	NM	NOT SAMPLED							
03/09/16	NM	NM	NOT SAMPLED							
ENFORCEMENT 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

ns = not sampled

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

Private Well 11427 S. Bus Hwy 53

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)
11/07/13	NM	NM	<0.7	<0.24	<0.48	<0.49	<0.23	<0.24	<0.57	<0.94
02/19/14	NOT SAMPLED									
05/21/14	NOT SAMPLED									
06/11/15	NM	NM	NS	<0.46	<0.73	<0.49	<2.6	0.86	<1.51	<2.06
09/14/15	NM	NM	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/10/15	NM	NM	NS	<0.44	<0.71	<1.1	<1.6	0.5	<3.1	<3.1
03/09/16	NM	NM	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCEMENT 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

ns = not sampled

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

A.7 Other
 Groundwater NA Indicator Results
 Smith's Union 76 LUST Site BRRTS# 03-16-000069

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
10/02/12	0.36	6.81	57	14.3	189.00	0.39	8.12	1970	75.3
11/07/13	2.00	6.45	63	11.1	145.10	<0.1	6.92	0.16	27.8
02/19/14	COULD NOT LOCATE - UNDER SNOW PILE					NS	NS	NS	NS
05/21/14	0.80	6.08	105	5.5	590.00	NS	NS	NS	NS
06/11/15	3.50	6.98	122	12.2	305.40	NS	NS	NS	NS
09/14/15	1.37	6.76	-21	14.7	259.00	NS	NS	NS	NS
12/10/15	2.06	6.54	176	11.1	223.00	NS	NS	NS	NS
03/09/16	2.98	6.07	199	8.6	360.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(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-2

PVC Elevation = 915.26 (feet) (MSL)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
10/02/12	0.08	6.76	52	14.4	205.80	0.39	6.37	2290	106
11/07/13	0.78	6.36	29	10.7	165.60	0.3	5.60	2.32	68.4
02/19/14	0.26	6.11	111	8.7	145.60	NS	NS	NS	NS
05/21/14	0.03	6.91	28	8.0	710.00	NS	NS	NS	NS
06/11/15	1.94	7.00	108	10.1	356.50	NS	NS	NS	NS
09/14/15	0.89	6.88	-79	15.9	299.00	NS	NS	NS	NS
12/10/15	5.02	6.35	275	7.2	754.00	NS	NS	NS	NS
03/09/16	2.08	6.79	14	8.9	1247.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(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 = 916.55 (feet) (MSL)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
10/02/12	1.33	5.93	243	10.9	202.40	0.73	12	<60	23.2
11/07/13	6.12	6.93	136	10.7	1524.00	0.3	6.82	0.06	24.5
02/19/14	5.95	5.82	351	7.5	157.30	NS	NS	NS	NS
05/21/14	7.53	5.67	354	5.9	142.60	NS	NS	NS	NS
06/11/15	5.88	7.56	259	10.4	271.70	NS	NS	NS	NS
09/14/15	6.27	6.56	289	13.4	247.00	NS	NS	NS	NS
12/10/15	7.69	6.47	221	9.6	185.00	NS	NS	NS	NS
03/09/16	3.44	5.58	233	8.7	183.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(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.7 Other

Groundwater NA Indicator Results

Smith's Union 76 LUST Site BRRTS# 03-16-000069

Well MW-4

PVC Elevation = 919.32 (feet) (MSL)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
10/02/12	0.40	6.51	229	14.0	203.40	0.16	6.72	80	78.7
11/07/13	0.24	6.27	192	13.1	316.60	0.5	7.62	0.16	194
02/19/14	COULD NOT LOCATE					NS	NS	NS	NS
05/21/14	0.06	5.73	150	4.5	522.00	NS	NS	NS	NS
06/11/15	1.30	6.85	240	8.4	391.20	NS	NS	NS	NS
09/14/15	1.55	6.96	-27	14.6	353.00	NS	NS	NS	NS
12/10/15	2.95	6.15	228	12.7	248.00	NS	NS	NS	NS
03/09/16	3.68	6.27	269	8.8	510.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(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-5

PVC Elevation = 917.85 (feet) (MSL)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
10/02/12	0.18	7.08	-16	14.9	461.50	0.38	7.24	6660	414
11/07/13	1.00	6.52	-48	12.3	332.20	<0.1	4.62	6.23	287
02/19/14	0.28	6.4	56	8.1	533.00	NS	NS	NS	NS
05/21/14	0.92	6.51	61	7.9	3295.00	NS	NS	NS	NS
06/11/15	2.22	7.24	-88	11.2	522.00	NS	NS	NS	NS
09/14/15	1.31	6.99	-85	16.9	604.00	NS	NS	NS	NS
12/10/15	2.19	6.54	-13	11.9	677.00	NS	NS	NS	NS
03/09/16	2.36	6.78	86	9.0	1258.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(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-6

PVC Elevation = 914.18 (feet) (MSL)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
10/02/12	0.10	6.99	-32	14.0	1703.00	0.29	4.44	32500	1760
11/07/13	0.95	6.52	-45	11.0	2278.00	<0.1	<3.4	39.6	4230
02/19/14	0.97	6.26	-46	8.6	320.50	NS	NS	NS	NS
05/21/14	0.99	6.96	-80	9.4	1638.00	NS	NS	NS	NS
06/11/15	1.76	8.7	-71	11.4	150.60	NS	NS	NS	NS
09/14/15	0.88	7.42	-44	15.0	1706.00	NS	NS	NS	NS
12/10/15	1.99	6.67	-14	10.9	788.00	NS	NS	NS	NS
03/09/16	1.77	7.23	-54	9.1	1267.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(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.7 Other

Groundwater NA Indicator Results

Smith's Union 76 LUST Site BRRTS# 03-16-000069

Well MW-7

PVC Elevation = 919.32 (feet) (MSL)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
11/07/13	1.46	6.38	35	10.8	753.00	0.4	<3.4	14.3	1110
02/19/14	8.62	7.12	60	2.8	4536.00	NS	NS	NS	NS
05/21/14	6.98	6.44	140	5.9	312.90	NS	NS	NS	NS
06/11/15	3.92	10.22	65	14.1	542.00	NS	NS	NS	NS
09/14/15	1.72	6.6	250	16.2	330.00	NS	NS	NS	NS
12/10/15	2.54	6.68	87	9.3	385.00	NS	NS	NS	NS
03/09/16	2.77	6.43	136	8.9	712.00	NS	NS	NS	NS
ENFORCEMENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(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-8

PVC Elevation = 919.32 (feet) (MSL)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
11/07/13	1.23	6.17	129	10.2	256.70	<0.1	10.6	0.35	104
02/19/14	COULD NOT ACCESS - WATER RUNNING OVER WELL					NS	NS	NS	NS
05/21/14	3.22	6.56	251	8.7	250.00	NS	NS	NS	NS
06/11/15	3.92	10.22	65	14.1	542.00	NS	NS	NS	NS
09/14/15	2.56	6.63	255	16.3	260.00	NS	NS	NS	NS
12/10/15	2.67	6.27	196	8.4	238.00	NS	NS	NS	NS
03/09/16	3.19	6.54	211	8.6	1015.00	NS	NS	NS	NS
ENFORCEMENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(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.6 Water Level Elevations
Smith's Union 76 LUST Site BRRTS# 03-16-000069
Solon Springs, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
Ground Surface (feet msl)	1076.54	1076.64	1076.87	1075.52	1074.94	1077.21	1069.91	1064.88
PVC top (feet msl)	1076.09	1076.01	1076.55	1075.13	1074.47	1076.78	1069.57	1064.48
Well Depth (feet)	20.00	20.00	21.00	20.00	20.00	20.00	14.50	14.50
Top of screen (feet msl)	1066.54	1066.64	1065.87	1065.52	1064.94	1067.21	1065.41	1060.38
Bottom of screen (feet msl)	1056.54	1056.64	1055.87	1055.52	1054.94	1057.21	1055.41	1050.38
Depth to Water From Top of PVC (feet)								
10/02/12	14.62	14.64	13.63	13.54	13.12	15.75	NI	NI
11/07/13	14.65	14.65	13.68	13.54	13.12	15.85	9.80	5.58
02/19/14	USP	14.99	14.10	CNL	13.80	16.14	10.05	W
05/21/14	13.65	13.70	12.69	12.57	11.99	14.65	8.79	4.67
06/11/15	13.78	13.92	13.04	12.89	12.35	15.31	9.34	5.42
09/14/15	14.09	14.10	13.20	12.88	12.55	15.43	9.41	7.36
12/10/15	14.51	14.56	13.51	13.47	13.16	15.80	9.75	5.61
03/09/16	14.44	14.46	13.50	13.52	13.20	15.55	9.59	5.48
Depth to Water From Ground Surface (feet)								
10/02/12	15.07	15.27	13.95	13.93	13.59	16.18	NI	NI
11/07/13	15.10	15.28	14.00	13.93	13.59	16.28	10.14	5.98
02/19/14	USP	15.62	14.42	CNL	14.27	16.57	10.39	W
05/21/14	14.10	14.33	13.01	12.96	12.46	15.08	9.13	5.07
06/11/15	14.23	14.55	13.36	13.28	12.82	15.74	9.68	5.82
09/14/15	14.54	14.73	13.52	13.27	13.02	15.86	9.75	7.76
12/10/15	14.96	15.19	13.83	13.86	13.63	16.23	10.09	6.01
03/09/16	14.89	15.09	13.82	13.91	13.67	15.98	9.93	5.88
Groundwater Elevation (feet msl)								
10/02/12	1061.47	1061.37	1062.92	1061.59	1061.35	1061.03	NI	NI
11/07/13	1061.44	1061.36	1062.87	1061.59	1061.35	1060.93	1059.77	1058.90
02/19/14	USP	1061.02	1062.45	CNL	1060.67	1060.64	1059.52	W
05/21/14	1062.44	1062.31	1063.86	1062.56	1062.48	1062.13	1060.78	1059.81
06/11/15	1062.31	1062.09	1063.51	1062.24	1062.12	1061.47	1060.23	1059.06
09/14/15	1062.00	1061.91	1063.35	1062.25	1061.92	1061.35	1060.16	1057.12
12/10/15	1061.58	1061.45	1063.04	1061.66	1061.31	1060.98	1059.82	1058.87
03/09/16	1061.65	1061.55	1063.05	1061.61	1061.27	1061.23	1059.98	1059.00

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

NI = Not Installed

USP = Under Snow Pile

CNL = Could Not Locate

W = Water Over Well

Summary of Free Product Levels and Recovery
Smith's Union 76 LUST Site BRRTS# 03-16-000069

DATE		MW-6	GALS REC./PERIOD	TOTAL GALS RECOVERED
10/2/2012	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	0 No Sock 0	0.00	0
11/7/2013	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	0 No Sock 0	0.00	0
2/19/2014	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	0 No Sock 0	0.00	0
5/21/2014	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	2 No Sock 0.09	0.09	0.09
6/11/2015	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	1.32 No Sock 0.04	0.04	0.13
9/14/2015	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	2.4 No Sock 0.05	0.05	0.18
12/10/2015	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	0 No Sock 0	0.00	0.18
3/9/2016	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	0 No Sock 0	0.00	0.18

Synergy Environmental Lab,

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

ADAM BACHAND
ADAM BACHAND
1406 BELKNAP STREET
SUPERIOR, WI 54880

Report Date 23-Jun-15

Project Name SMITH'S UNION 76 STATION
Project #

Invoice # E29097

Lab Code 5029097A
Sample ID PRIVATE WELL
Sample Matrix Water
Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
Toluene	0.86 "J"	ug/l	0.39	1.2	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1

Lab Code 5029097B
Sample ID MW-3
Sample Matrix Water
Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021	6/17/2015	6/17/2015	LPA	1

Project #

Lab Code 5029097C
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		6/17/2015	LPA	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		6/17/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		6/17/2015	LPA	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		6/17/2015	LPA	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		6/17/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		6/17/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		6/17/2015	LPA	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		6/17/2015	LPA	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		6/17/2015	LPA	1

Lab Code 5029097D
 Sample ID MW-8
 Sample Matrix Water
 Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		6/17/2015	LPA	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		6/17/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		6/17/2015	LPA	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		6/17/2015	LPA	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		6/17/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		6/17/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		6/17/2015	LPA	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		6/17/2015	LPA	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		6/17/2015	LPA	1

Lab Code 5029097E
 Sample ID MW-5
 Sample Matrix Water
 Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.3 "J"	ug/L	0.7	2.5	1	7421		6/16/2015	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	4.4	ug/l	0.46	1.5	1	GRO95/8021		6/18/2015	LPA	1
Ethylbenzene	34	ug/l	0.73	2.3	1	GRO95/8021		6/18/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		6/18/2015	LPA	1
Naphthalene	13.8	ug/l	2.6	8.3	1	GRO95/8021		6/18/2015	LPA	1
Toluene	4.8	ug/l	0.39	1.2	1	GRO95/8021		6/18/2015	LPA	1
1,2,4-Trimethylbenzene	21.5	ug/l	0.68	2.2	1	GRO95/8021		6/18/2015	LPA	1
1,3,5-Trimethylbenzene	44	ug/l	0.83	2.6	1	GRO95/8021		6/18/2015	LPA	1
m&p-Xylene	62	ug/l	1.4	4.4	1	GRO95/8021		6/18/2015	LPA	1
o-Xylene	7.6	ug/l	0.66	2.1	1	GRO95/8021		6/18/2015	LPA	1

Project #

Lab Code 5029097F
 Sample ID MW-7
 Sample Matrix Water
 Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	8.5	ug/l	0.46	1.5	1	GRO95/8021		6/17/2015	LPA	I
Ethylbenzene	29.8	ug/l	0.73	2.3	1	GRO95/8021		6/17/2015	LPA	I
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		6/17/2015	LPA	I
Naphthalene	12	ug/l	2.6	8.3	1	GRO95/8021		6/17/2015	LPA	I
Toluene	1.09 "J"	ug/l	0.39	1.2	1	GRO95/8021		6/17/2015	LPA	I
1,2,4-Trimethylbenzene	169	ug/l	0.68	2.2	1	GRO95/8021		6/17/2015	LPA	I
1,3,5-Trimethylbenzene	62	ug/l	0.83	2.6	1	GRO95/8021		6/17/2015	LPA	I
m&p-Xylene	110	ug/l	1.4	4.4	1	GRO95/8021		6/17/2015	LPA	I
o-Xylene	1.58 "J"	ug/l	0.66	2.1	1	GRO95/8021		6/17/2015	LPA	I

Lab Code 5029097G
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	3.9	ug/l	0.46	1.5	1	GRO95/8021		6/19/2015	LPA	I
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		6/19/2015	LPA	I
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		6/19/2015	LPA	I
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		6/19/2015	LPA	I
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		6/19/2015	LPA	I
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		6/19/2015	LPA	I
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		6/19/2015	LPA	I
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		6/19/2015	LPA	I
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		6/19/2015	LPA	I

Lab Code 5029097H
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.3 "J"	ug/L	0.7	2.5	1	7421		6/16/2015	CWT	I
Organic										
PVOC + Naphthalene										
Benzene	20.7	ug/l	4.6	15	10	GRO95/8021		6/18/2015	LPA	I
Ethylbenzene	153	ug/l	7.3	23	10	GRO95/8021		6/18/2015	LPA	I
Methyl tert-butyl ether (MTBE)	< 4.9	ug/l	4.9	16	10	GRO95/8021		6/18/2015	LPA	I
Naphthalene	51 "J"	ug/l	2.6	8.3	10	GRO95/8021		6/18/2015	LPA	I
Toluene	12	ug/l	3.9	12	10	GRO95/8021		6/18/2015	LPA	I
1,2,4-Trimethylbenzene	420	ug/l	6.8	22	10	GRO95/8021		6/18/2015	LPA	I
1,3,5-Trimethylbenzene	156	ug/l	8.3	26	10	GRO95/8021		6/18/2015	LPA	I
m&p-Xylene	550	ug/l	14	44	10	GRO95/8021		6/18/2015	LPA	I
o-Xylene	240	ug/l	6.6	21	10	GRO95/8021		6/18/2015	LPA	I

Project #

Lab Code 5029097I
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	61.1	ug/L	7	25	10	7421		6/16/2015	CWT	I
Organic										
PVOC + Naphthalene										
Benzene	1600	ug/l	46	150	100	GRO95/8021		6/20/2015	LPA	I
Ethylbenzene	5900	ug/l	73	230	100	GRO95/8021		6/20/2015	LPA	I
Methyl tert-butyl ether (MTBE)	< 49	ug/l	49	160	100	GRO95/8021		6/20/2015	LPA	I
Naphthalene	1330	ug/l	260	830	100	GRO95/8021		6/20/2015	LPA	I
Toluene	17900	ug/l	39	120	100	GRO95/8021		6/20/2015	LPA	I
1,2,4-Trimethylbenzene	8100	ug/l	68	220	100	GRO95/8021		6/20/2015	LPA	I
1,3,5-Trimethylbenzene	2680	ug/l	83	260	100	GRO95/8021		6/20/2015	LPA	I
m&p-Xylene	20800	ug/l	140	440	100	GRO95/8021		6/20/2015	LPA	I
o-Xylene	8000	ug/l	66	210	100	GRO95/8021		6/20/2015	LPA	I

Lab Code 5029097J
 Sample ID TB
 Sample Matrix Water
 Sample Date 6/11/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		6/19/2015	LPA	I
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		6/19/2015	LPA	I
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		6/19/2015	LPA	I
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		6/19/2015	LPA	I
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		6/19/2015	LPA	I
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		6/19/2015	LPA	I
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		6/19/2015	LPA	I
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		6/19/2015	LPA	I
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		6/19/2015	LPA	I

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code *Comment*

1 Laboratory QC within limits.

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 STUDY RECORD

Synergy

Chain # AE 3037

Page 1 of 1

Lab I.D. # _____
 Account No. _____ Quote No.: _____
 Project # _____
 Sampler (signature) Dave [Signature]

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): Sm. riv. Union 76 Station
 Reports To: Adam Buchard Invoice To: Adam Buchard c/o METCO
 Company: _____ Company: _____
 Address: 1406 Belknap St. Address: 704 G Arlitz Street
 City State Zip: Superior, WI, 54880 City State Zip: Lacrosse, WI, 54603
 Phone: 715 394-6637 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
<u>5029097A</u>	<u>Dr. Well</u>	<u>6/11/15</u>	<u>1:00</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>B</u>	<u>MW-3</u>		<u>1:00</u>			<u>N</u>	<u>3</u>	<u>1</u>	<u>HCL</u>
<u>C</u>	<u>MW-4</u>		<u>1:20</u>			<u>N</u>	<u>3</u>		<u>HCL</u>
<u>D</u>	<u>MW-5</u>		<u>1:45</u>			<u>N</u>	<u>3</u>		<u>HCL</u>
<u>E</u>	<u>MW-5</u>		<u>1:55</u>			<u>V</u>	<u>3</u>		<u>HCL, H#2</u>
<u>F</u>	<u>MW-7</u>		<u>1:30</u>			<u>N</u>	<u>3</u>		<u>HCL</u>
<u>G</u>	<u>MW-1</u>		<u>1:35</u>			<u>N</u>	<u>3</u>		<u>HCL</u>
<u>H</u>	<u>MW-2</u>		<u>1:50</u>			<u>N</u>	<u>3</u>		<u>HCL, H#2</u>
<u>I</u>	<u>MW-6</u>		<u>2:00</u>			<u>V</u>	<u>3</u>	<u>✓</u>	<u>HCL, H#2</u>
<u>J</u>	<u>TB</u>								<u>HCL</u>

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 Union P 1 (Invoice to METCO)

Agent Status, UCL rates

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: Dry
 Temp. of Temp. Blank: _____ °C On Ice: ✓
 Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) Dave [Signature] Time: 4:15 Date: 6-12-15
 Received By: (sign) _____ Time: _____ Date: _____

Received in Laboratory By: Christopher [Signature] Time: 10:00 Date: 6/13/15

Synergy Environmental Lab,

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

ADAM BACHAND
ADAM BACHAND
1406 BELKNAP STREET
SUPERIOR, WI 54880

Report Date 22-Sep-15

Project Name SMITH'S UNION 76
Project #

Invoice # E29675

Lab Code 5029675A
Sample ID PW 11427
Sample Matrix Water
Sample Date 9/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		9/18/2015	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		9/18/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		9/18/2015	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		9/18/2015	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		9/18/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		9/18/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		9/18/2015	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		9/18/2015	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		9/18/2015	CJR	1

Lab Code 5029675B
Sample ID MW-3
Sample Matrix Water
Sample Date 9/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		9/18/2015	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		9/18/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		9/18/2015	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		9/18/2015	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		9/18/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		9/18/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		9/18/2015	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		9/18/2015	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		9/18/2015	CJR	1

Project #

Lab Code 5029675C
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 9/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		9/18/2015	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		9/18/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		9/18/2015	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		9/18/2015	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		9/18/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		9/18/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		9/18/2015	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		9/18/2015	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		9/18/2015	CJR	1

Lab Code 5029675D
 Sample ID MW-8
 Sample Matrix Water
 Sample Date 9/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		9/19/2015	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		9/19/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		9/19/2015	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		9/19/2015	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		9/19/2015	CJR	1
1,2,4-Trimethylbenzene	7.0	ug/l	0.68	2.2	1	GRO95/8021		9/19/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		9/19/2015	CJR	1
m&p-Xylene	10.8	ug/l	1.4	4.4	1	GRO95/8021		9/19/2015	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		9/19/2015	CJR	1

Lab Code 5029675E
 Sample ID MW-5
 Sample Matrix Water
 Sample Date 9/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	2.2 "J"	ug/L	0.7	2.5	1	7421		9-18-2015	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	8.4	ug/l	0.46	1.5	1	GRO95/8021		9/19/2015	CJR	1
Ethylbenzene	152	ug/l	0.73	2.3	1	GRO95/8021		9/19/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		9/19/2015	CJR	1
Naphthalene	34	ug/l	2.6	8.3	1	GRO95/8021		9/19/2015	CJR	1
Toluene	8.9	ug/l	0.39	1.2	1	GRO95/8021		9/19/2015	CJR	1
1,2,4-Trimethylbenzene	470	ug/l	0.68	2.2	1	GRO95/8021		9/19/2015	CJR	1
1,3,5-Trimethylbenzene	120	ug/l	0.83	2.6	1	GRO95/8021		9/19/2015	CJR	1
m&p-Xylene	600	ug/l	1.4	4.4	1	GRO95/8021		9/19/2015	CJR	1
o-Xylene	24.4	ug/l	0.66	2.1	1	GRO95/8021		9/19/2015	CJR	1

Project Name SMITH'S UNION 76
 Project #

Invoice # E29675

Lab Code 5029675F
 Sample ID MW-7
 Sample Matrix Water
 Sample Date 9/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.81 "J"	ug/l	0.46	1.5	1	GRO95/8021		9/19/2015	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		9/19/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		9/19/2015	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		9/19/2015	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		9/19/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		9/19/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		9/19/2015	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		9/19/2015	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		9/19/2015	CJR	1

Lab Code 5029675G
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 9/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	42	ug/l	0.46	1.5	1	GRO95/8021		9/19/2015	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		9/19/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		9/19/2015	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		9/19/2015	CJR	1
Toluene	1.52	ug/l	0.39	1.2	1	GRO95/8021		9/19/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		9/19/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		9/19/2015	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		9/19/2015	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		9/19/2015	CJR	1

Lab Code 5029675H
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 9/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.5 "J"	ug/L	0.7	2.5	1	7421		9/18/2015	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	24.7	ug/l	4.6	15	10	GRO95/8021		9/19/2015	CJR	1
Ethylbenzene	309	ug/l	7.3	23	10	GRO95/8021		9/19/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 4.9	ug/l	4.9	16	10	GRO95/8021		9/19/2015	CJR	1
Naphthalene	98	ug/l	26	83	10	GRO95/8021		9/19/2015	CJR	1
Toluene	18.3	ug/l	3.9	12	10	GRO95/8021		9/19/2015	CJR	1
1,2,4-Trimethylbenzene	860	ug/l	6.8	22	10	GRO95/8021		9/19/2015	CJR	1
1,3,5-Trimethylbenzene	302	ug/l	8.3	26	10	GRO95/8021		9/19/2015	CJR	1
m&p-Xylene	1260	ug/l	14	44	10	GRO95/8021		9/19/2015	CJR	1
o-Xylene	470	ug/l	6.6	21	10	GRO95/8021		9/19/2015	CJR	1

Project Name SMITH'S UNION 76

Invoice # E29675

Project #

Lab Code 50296751
Sample ID MW-6
Sample Matrix Water
Sample Date 9/14/2015

Table with columns: Result, Unit, LOD, LOQ, Dil, Method, Ext Date, Run Date, Analyst, Code. Rows include Inorganic Metals (Lead, Dissolved) and Organic (PVOOC + Naphthalene, Benzene, Ethylbenzene, etc.).

Lab Code 5029675J
Sample ID TB
Sample Matrix Water
Sample Date 9/14/2015

Table with columns: Result, Unit, LOD, LOQ, Dil, Method, Ext Date, Run Date, Analyst, Code. Rows include Organic (PVOOC + Naphthalene, Benzene, Ethylbenzene, etc.).

"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.

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

Chain # № 3176

Page 1 of 1

Lab I.D. # _____
 Account No.: _____ Quote No.: _____
 Project #: _____
 Sampler (signature) [Signature]

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): Smiths Union 76
 Reports To: Adam Richard
 Company: _____
 Address: 1406 Delkney St
 City State Zip: Superior WI 54980
 Phone: (715) 394-6697
 FAX: _____

Invoice To: Adam Richard Ltd METCO
 Company: _____
 Address: 709 B. Street - Suite 2
 City State Zip: Green Bay WI 54903
 Phone: _____
 FAX: _____

Analysis Requested										Other Analysis											
DRO (Mid DRO Sep 95)	GRO (Mid 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-PCE/PA METALS							PID/ FID	

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)

Agent Status, O&L rates apply

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: Refrigerated
 Temp. of Temp. Blank: _____ °C On Ice:
 Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) [Signature] Time: 9:30 Date: 9-15-15
 Received By: (sign) _____ Time: 9:00 Date: 9/15/15

Received in Laboratory By: [Signature]

Synergy Environmental Lab,

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

ADAM BACHAND
ADAM BACHAND
1406 BELKNAP STREET
SUPERIOR, WI 54880

Report Date 21-Dec-15

Project Name SMITH'S UNION 76
Project #

Invoice # E30198

Lab Code 5030198A
Sample ID PW
Sample Matrix Water
Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/16/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		12/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/16/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		12/16/2015	CJR	1
Toluene	0.5 "J"	ug/l	0.44	1.4	1	8260B		12/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		12/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		12/16/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		12/16/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		12/16/2015	CJR	1

Lab Code 5030198B
Sample ID MW-3
Sample Matrix Water
Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/16/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		12/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/16/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		12/16/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		12/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		12/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		12/16/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		12/16/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		12/16/2015	CJR	1

Project #

Lab Code 5030198C
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/16/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		12/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/16/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		12/16/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		12/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		12/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		12/16/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		12/16/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		12/16/2015	CJR	1

Lab Code 5030198D
 Sample ID MW-8
 Sample Matrix Water
 Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/16/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		12/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/16/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		12/16/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		12/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		12/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		12/16/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		12/16/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		12/16/2015	CJR	1

Lab Code 5030198E
 Sample ID MW-7
 Sample Matrix Water
 Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	17.2	ug/l	0.44	1.4	1	8260B		12/17/2015	CJR	1
Ethylbenzene	75	ug/l	0.71	2.3	1	8260B		12/17/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/17/2015	CJR	1
Naphthalene	29.9	ug/l	1.6	5.2	1	8260B		12/17/2015	CJR	1
Toluene	0.66 "J"	ug/l	0.44	1.4	1	8260B		12/17/2015	CJR	1
1,2,4-Trimethylbenzene	210	ug/l	1.6	5	1	8260B		12/17/2015	CJR	1
1,3,5-Trimethylbenzene	55	ug/l	1.5	4.8	1	8260B		12/17/2015	CJR	1
m&p-Xylene	278	ug/l	2.2	6.9	1	8260B		12/17/2015	CJR	1
o-Xylene	1.24 "J"	ug/l	0.9	2.9	1	8260B		12/17/2015	CJR	1

Project #

Lab Code 5030198F
 Sample ID MW-5
 Sample Matrix Water
 Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.7 "J"	ug/L	0.7	2.5	1	7421		12/18/2015	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 4.4	ug/l	4.4	14	10	8260B		12/18/2015	CJR	1
Ethylbenzene	21.2 "J"	ug/l	7.1	23	10	8260B		12/18/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 11	ug/l	11	37	10	8260B		12/18/2015	CJR	1
Naphthalene	18.1 "J"	ug/l	16	52	10	8260B		12/18/2015	CJR	1
Toluene	< 4.4	ug/l	4.4	14	10	8260B		12/18/2015	CJR	1
1,2,4-Trimethylbenzene	209	ug/l	16	50	10	8260B		12/18/2015	CJR	1
1,3,5-Trimethylbenzene	46 "J"	ug/l	15	48	10	8260B		12/18/2015	CJR	1
m&p-Xylene	60 "J"	ug/l	22	69	10	8260B		12/18/2015	CJR	1
o-Xylene	< 9	ug/l	9	29	10	8260B		12/18/2015	CJR	1

Lab Code 5030198G
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/17/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		12/17/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/17/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		12/17/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		12/17/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		12/17/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		12/17/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		12/17/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		12/17/2015	CJR	1

Lab Code 5030198H
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.4 "J"	ug/L	0.7	2.5	1	7421		12/18/2015	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 4.4	ug/l	4.4	14	10	8260B		12/18/2015	CJR	1
Ethylbenzene	264	ug/l	7.1	23	10	8260B		12/18/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 11	ug/l	11	37	10	8260B		12/18/2015	CJR	1
Naphthalene	70	ug/l	16	52	10	8260B		12/18/2015	CJR	1
Toluene	7.3 "J"	ug/l	4.4	14	10	8260B		12/18/2015	CJR	1
1,2,4-Trimethylbenzene	690	ug/l	16	50	10	8260B		12/18/2015	CJR	1
1,3,5-Trimethylbenzene	233	ug/l	15	48	10	8260B		12/18/2015	CJR	1
m&p-Xylene	1000	ug/l	22	69	10	8260B		12/18/2015	CJR	1
o-Xylene	390	ug/l	9	29	10	8260B		12/18/2015	CJR	1

Project Name SMITH'S UNION 76

Invoice # E30198

Project #

Lab Code 50301981
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	17.5	ug/L	0.7	2.5	1	7421		12/18/2015	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	1570	ug/l	44	140	100	8260B		12/18/2015	CJR	1
Ethylbenzene	6300	ug/l	71	230	100	8260B		12/18/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 110	ug/l	110	370	100	8260B		12/18/2015	CJR	1
Naphthalene	1240	ug/l	160	520	100	8260B		12/18/2015	CJR	1
Toluene	20400	ug/l	44	140	100	8260B		12/18/2015	CJR	1
1,2,4-Trimethylbenzene	7300	ug/l	160	500	100	8260B		12/18/2015	CJR	1
1,3,5-Trimethylbenzene	2130	ug/l	150	480	100	8260B		12/18/2015	CJR	1
m&p-Xylene	20400	ug/l	220	690	100	8260B		12/18/2015	CJR	1
o-Xylene	8200	ug/l	90	290	100	8260B		12/18/2015	CJR	1

Lab Code 5030198J
 Sample ID TB
 Sample Matrix Water
 Sample Date 12/10/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/17/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		12/17/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/17/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		12/17/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		12/17/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		12/17/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		12/17/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		12/17/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		12/17/2015	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.

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, 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 # _____
Sampler (signature) [Signature]

Project (Name / Location): Smiths Run 76
Reports To: Adam Buchana Invoice To: Adam Buchana c/o METCO
Company: _____ Company: _____
Address: Howell Street Address: 707 6th Street, Suite 3
City State Zip: Superior, WI 54880 City State Zip: Lu Crosse, WI 54603
Phone: (715) 344-6657 Phone: (608) 781-8879
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
5030198A	PW	12-10	12:15			N	3	GW	HCL
B	MW-3		12:30			N	3		
C	MW-4		12:45			N	3		
D	MW-8		12:15			N	3		
E	MW-7		11:45			N	3		
F	MW-5		11:55			Y	4		HNO3
G	MW-1		12:10			N	3		
H	MW-2		12:50			Y	4		HNO3
I	MW-6		12:45			Y	4		HNO3
J	TB						1		

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)

UAC rules apply, Agent Status

Sample Integrity - To be completed by receiving lab. Method of Shipment: <u>Delivery</u> Temp. of Temp. Blank: _____ °C On Ice: <u>X</u> Cooler seal intact upon receipt: <u>X</u> Yes _____ No	Relinquished By: (sign) <u>[Signature]</u>	Time: <u>9:00</u>	Date: <u>12-11-15</u>	Received By: (sign) _____	Time: _____	Date: _____
	Received in Laboratory By: <u>[Signature]</u>	Time: <u>10:00</u>	Date: <u>12/11/15</u>			

Synergy Environmental Lab,

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

ADAM BACHAND
ADAM BACHAND
1406 BELKNAP STREET
SUPERIOR, WI 54880

Report Date 18-Mar-16

Project Name SMITH'S UNION 76
Project #

Invoice # E30635

Lab Code 5030635A
Sample ID 11427 PW
Sample Matrix Water
Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene	..									
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		3/15/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		3/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		3/15/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		3/15/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		3/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		3/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		3/15/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		3/15/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		3/15/2016	CJR	1

Lab Code 5030635B
Sample ID MW-3
Sample Matrix Water
Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		3/15/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		3/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		3/15/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		3/15/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		3/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		3/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		3/15/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		3/15/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		3/15/2016	CJR	1

Project #

Lab Code 5030635C
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		3/15/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		3/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		3/15/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		3/15/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		3/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		3/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		3/15/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		3/15/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		3/15/2016	CJR	1

Lab Code 5030635D
 Sample ID MW-8
 Sample Matrix Water
 Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		3/15/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		3/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		3/15/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		3/15/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		3/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		3/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		3/15/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		3/15/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		3/15/2016	CJR	1

Lab Code 5030635E
 Sample ID MW-5
 Sample Matrix Water
 Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.8 "J"	ug/L	0.8	2.6	1	7421		3/11/2016	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	5.6 "J"	ug/l	4.6	15	10	GRO95/8021		3/15/2016	CJR	1
Ethylbenzene	26.8	ug/l	7.3	23	10	GRO95/8021		3/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 4.9	ug/l	4.9	16	10	GRO95/8021		3/15/2016	CJR	1
Naphthalene	79 "J"	ug/l	26	83	10	GRO95/8021		3/15/2016	CJR	1
Toluene	13.6	ug/l	3.9	12	10	GRO95/8021		3/15/2016	CJR	1
1,2,4-Trimethylbenzene	191	ug/l	6.8	22	10	GRO95/8021		3/15/2016	CJR	1
1,3,5-Trimethylbenzene	57	ug/l	8.3	26	10	GRO95/8021		3/15/2016	CJR	1
m&p-Xylene	82	ug/l	14	44	10	GRO95/8021		3/15/2016	CJR	1
o-Xylene	13.6 "J"	ug/l	6.6	21	10	GRO95/8021		3/15/2016	CJR	1

Project #

Lab Code 5030635F
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	22.3	ug/l	0.46	1.5	1	GRO95/8021		3/15/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		3/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		3/15/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		3/15/2016	CJR	1
Toluene	0.98 "J"	ug/l	0.39	1.2	1	GRO95/8021		3/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		3/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		3/15/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		3/15/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		3/15/2016	CJR	1

Lab Code 5030635G
 Sample ID MW-7
 Sample Matrix Water
 Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	35	ug/l	4.6	15	10	GRO95/8021		3/17/2016	CJR	1
Ethylbenzene	231	ug/l	7.3	23	10	GRO95/8021		3/17/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 4.9	ug/l	4.9	16	10	GRO95/8021		3/17/2016	CJR	1
Naphthalene	82 "J"	ug/l	26	83	10	GRO95/8021		3/17/2016	CJR	1
Toluene	30.6	ug/l	3.9	12	10	GRO95/8021		3/17/2016	CJR	1
1,2,4-Trimethylbenzene	650	ug/l	6.8	22	10	GRO95/8021		3/17/2016	CJR	1
1,3,5-Trimethylbenzene	225	ug/l	8.3	26	10	GRO95/8021		3/17/2016	CJR	1
m&p-Xylene	920	ug/l	14	44	10	GRO95/8021		3/17/2016	CJR	1
o-Xylene	145	ug/l	6.6	21	10	GRO95/8021		3/17/2016	CJR	1

Lab Code 5030635H
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.6	1	7421		3/11/2016	CWT	1

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	25.8	ug/l	4.6	15	10	GRO95/8021		3/15/2016	CJR	1
Ethylbenzene	128	ug/l	7.3	23	10	GRO95/8021		3/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 4.9	ug/l	4.9	16	10	GRO95/8021		3/15/2016	CJR	1
Naphthalene	38 "J"	ug/l	26	83	10	GRO95/8021		3/15/2016	CJR	1
Toluene	14.6	ug/l	3.9	12	10	GRO95/8021		3/15/2016	CJR	1
1,2,4-Trimethylbenzene	390	ug/l	6.8	22	10	GRO95/8021		3/15/2016	CJR	1
1,3,5-Trimethylbenzene	160	ug/l	8.3	26	10	GRO95/8021		3/15/2016	CJR	1
m&p-Xylene	550	ug/l	14	44	10	GRO95/8021		3/15/2016	CJR	1
o-Xylene	195	ug/l	6.6	21	10	GRO95/8021		3/15/2016	CJR	1

Project Name SMITH'S UNION 76
 Project #

Invoice # E30635

Lab Code 5030635I
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	7.4	ug/L	0.8	2.6	1	7421		3/11/2016	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	1130	ug/l	46	150	100	GRO95/8021		3/16/2016	CJR	1
Ethylbenzene	6100	ug/l	73	230	100	GRO95/8021		3/16/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 49	ug/l	49	160	100	GRO95/8021		3/16/2016	CJR	1
Naphthalene	1180	ug/l	260	830	100	GRO95/8021		3/16/2016	CJR	1
Toluene	17000	ug/l	39	120	100	GRO95/8021		3/16/2016	CJR	1
1,2,4-Trimethylbenzene	7600	ug/l	68	220	100	GRO95/8021		3/16/2016	CJR	1
1,3,5-Trimethylbenzene	2440	ug/l	83	260	100	GRO95/8021		3/16/2016	CJR	1
m&p-Xylene	21600	ug/l	140	440	100	GRO95/8021		3/16/2016	CJR	1
o-Xylene	8000	ug/l	66	210	100	GRO95/8021		3/16/2016	CJR	1

Lab Code 5030635J
 Sample ID TB
 Sample Matrix Water
 Sample Date 3/9/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		3/15/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		3/15/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		3/15/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		3/15/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		3/15/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		3/15/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		3/15/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		3/15/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		3/15/2016	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.

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

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 #: _____
Sampler: (signature) Jon Jones

Project (Name / Location): Smith's Union 76 station / Solon Springs

Reports To: Adam Bachand Invoice To: Adam Bachand

Company _____ Company C/O METCO

Address 406 Belknap St Address 709 Gillette St, Ste. 3

City State Zip Superior, WI 54880 City State Zip La Crosse, WI 54603

Phone _____ Phone _____

FAX _____ FAX _____

Lab I.D.	Sample I.D.	Collection		Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	Analysis Requested											PID/ FID						
		Date	Time							DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dissolved)	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS		VOC DW (EPA 5422)	VOC (EPA 8260)	8-PCRA METALS			
<u>5030635A</u>	<u>11427 PW</u>	<u>3-7</u>	<u>1035</u>			<u>N</u>	<u>3</u>	<u>LOW</u>	<u>HEL</u>																		
<u>B</u>	<u>MW-3</u>		<u>915</u>																								
<u>C</u>	<u>MW-4</u>		<u>740</u>																								
<u>D</u>	<u>MW-8</u>		<u>1010</u>			<u>Y</u>	<u>4</u>		<u>Y</u>																		
<u>E</u>	<u>MW-5</u>		<u>1100</u>			<u>Y</u>	<u>4</u>		<u>HEL, HAND</u>				<u>X</u>														
<u>F</u>	<u>MW-1</u>		<u>1100</u>			<u>N</u>	<u>3</u>		<u>HEL</u>																		
<u>G</u>	<u>MW-7</u>		<u>1150</u>			<u>N</u>	<u>3</u>		<u>HEL</u>																		
<u>H</u>	<u>MW-2</u>		<u>1210</u>			<u>Y</u>	<u>4</u>		<u>HEL, HAND</u>				<u>X</u>														
<u>I</u>	<u>MW-6</u>	<u>✓</u>	<u>1230</u>			<u>Y</u>	<u>4</u>	<u>Y</u>	<u>HEL, HAND</u>				<u>X</u>														
<u>J</u>	<u>TB</u>								<u>HEL</u>																		

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)
* Use Rates Apply
* Agent Status

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Direct
Temp. of Temp. Blank _____ °C On Ice:
Cooler seal intact upon receipt: Yes _____ No

Relinquished By: (sign) Jon Jones Time 9:00 AM Date 3-10-16
Received By: (sign) _____ Time _____ Date _____
Received in Laboratory By: Cheryl Time 8:00 Date 3/11/16