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709 Gillette St., Ste 3 ♦ La Crosse, WI 54603 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 Email: rona@metcohq.com ♦ www.metcohq.com

November 6, 2018

BRRTS #: 03-16-000069

PECFA #: 54873-0057-11

Ralph Smith
Wisconsin Department of Natural Resources
101 South Webster Street, P.O. Box 7921
Madison, WI 53707-7921

Subject: Smith's Union 76 Station (Former) – Letter Report

Dear Mr. Smith,

Enclosed is the Letter Report for the Smith's Union 76 Station (Former) site located at 11427 S Business Highway 53 in Solon Springs, Wisconsin. This completes the work scope approved by the Wisconsin Department of Natural Resources on August 11, 2017.

Sub-Slab Vapor Sampling Workscope

On June 4, 2018, Braun Intertec of Duluth, MN installed three sub-slab vapor sampling ports (SS-01, SS-02, and SS-03) in the floor of the on-site building located at 11427 S Business Highway 53 and one sub-slab vapor sampling port (SS-04) in the floor of the building to the north located at 11423 S Business Highway 53. The sub-slab vapor sampling ports were constructed by drilling a ½-inch pilot hole through the concrete slab and several inches into the sub slab material with a hammer drill. A 1½-inch outer hole is then drilled to depths ranging from ¾ -inch to 1-inch, depending on the concrete slab thickness. The holes were cleaned of dust and drilling debris using a shop-vac. A stainless-steel vapor pin is installed in the inner hole with a silicon sleeve to obtain an air tight seal with the concrete floor. The remainder of the hole is sealed with hydrated bentonite and a water dam test was conducted to confirm that the seal is air tight.

On June 4, 2018, Braun Intertec collected vapor samples from the sub-slab sampling ports (SS-01, SS-02, SS-03, and SS-04) for VOC (TO-15) analysis. Vapor samples were collected by using a short length of Teflon tubing to connect the sampling port and a 6-liter Suma canister. The air samples were collected using a Suma canister with a flow regulator that allowed the sub-slab vapor samples to be collected over a 30-minute period. Prior to collecting the sub-slab vapor samples, a shut-in test was conducted to assure that the fittings between the sample probe and sampling container are air tight. No leaks were detected. The sub-slab soil vapor sampling results are summarized in the attached data table.

Drilling Project Workscope

On May 23, 2018, Professional Service Industries, Inc, of Chippewa Falls, Wisconsin, completed two soil borings which were converted into monitoring wells (MW-9 and MW-10). Nine soil samples were collected from the soil borings for field analysis (PID). Monitoring well MW-9 was drilled and installed to 13 feet bgs. Monitoring well MW-10 was drilled and installed to 30 feet bgs. Upon completion, all

wells were properly developed.

Groundwater Monitoring Workslope

On June 20, 2018, METCO personnel collected groundwater samples from ten monitoring wells for PVOC and Naphthalene (MW-1 thru MW-8) or VOC (MW-9 and MW-10) analysis and three private wells (PW 9182, PW 11427, and PW Cty Park) for VOC analysis. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all monitoring wells. Fauerbach Surveying & Engineering of Hillsboro, WI also properly surveyed all site wells to feet mean sea level (MSL) at this time. METCO was unable to collect a water sample from the private well at 11423 S Business Highway 53 as we could not get a hold of the owner and daycare would not allow us to sample. METCO was also unable to collect a water sample from the private well at 9312 E Main Street due to the occupant not being home and appears vacant.

On September 4, 2018, METCO personnel collected groundwater samples from nine monitoring wells (MW-1 thru MW-7, MW-9 and MW-10) for PVOC and Naphthalene analysis. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells. METCO was unable to sample monitoring well MW-8 as the flush mount appeared to have been destroyed by a road grader and the PVC had filled in with gravel. METCO was unable to collect a water sample from the private well at 11423 S Business Highway 53 as we could not get a hold of the owner. METCO was also unable to collect a water sample from the private well at 9312 E Main Street due to the occupant not being home and appears vacant.

Discussion of Results

Sub-Slab Vapor Results:

Sub-Slab Vapor Sample SS-01: Showed detects, but no exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

Sub-Slab Vapor Sample SS-02: Showed detects, but no exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

Sub-Slab Vapor Sample SS-03: Showed detects, but no exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

Sub-Slab Vapor Sample SS-04: Showed detects, but no exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

Free Product Levels:

Monitoring Well MW-6: Measurable free product levels in monitoring well MW-6 were encountered during the sampling event in June 2018 (3 inches). Approximately 0.02 gallons of free product was removed from MW-6 via hand bailing. No measurable free product was encountered in MW-6 during the September 2018 sampling event.

Groundwater:

Monitoring well MW-1: Currently shows an NR140 ES exceedance for Benzene (34 ppb). The contaminant concentrations appear to be stable to decreasing.

Monitoring well MW-2: Currently shows NR140 ES exceedances for Benzene (32 ppb), Naphthalene (127 ppb), Trimethylbenzenes (1,310 ppb), and Xylene (1,650). It also shows an NR140 PAL exceedance for Ethylbenzene (258 ppb). The contaminant concentrations appear to be stable with increasing levels in June 2018 but dropped again in September 2018.

Monitoring well MW-3: Currently shows no detects for all contaminants of concern.

Monitoring well MW-4: Currently shows no detects for all contaminants of concern.

Monitoring well MW-5: Currently shows an NR140 PAL exceedance for Benzene (2.11 ppb). The contaminant concentrations appear to be stable to decreasing.

Monitoring well MW-6: Currently shows NR140 ES exceedances for Benzene (1,060 ppb), Ethylbenzene (5,100 ppb), Naphthalene (910 ppb), Toluene (12,900 ppb), Trimethylbenzenes (7,040 ppb), and Xylene (25,100 ppb). The contaminant concentrations are elevated but appear to be stable to decreasing.

Monitoring well MW-7: Currently shows no detects for all contaminants of concern.

Monitoring well MW-8: Currently is destroyed and filled in to approximately 1.5 feet bgs, but has not shown any exceedances during its previous sampling events.

Monitoring well MW-9: Currently shows no detects for all contaminants of concern.

Monitoring well MW-10: Currently shows no detects for all contaminants of concern.

Private Well 9182 E. Hughes: Currently shows no detects for VOC's.

Private Well 11427 S. Business Highway 53: Currently shows no detects for VOC's.

Private Well Lucius County Park: Currently shows no detects for VOC's.

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 levels in MW-6 are very low to none at all. 4) The overall groundwater contaminant trends appear to be at least stable with the exception of the June 2018 sampling event in monitoring well MW-6. 5) The on-site private well (11427 S. Bus. Hwy 53) has been sampled on six separate occasions and neighboring private wells (9182 E. Hughes and Lucius County Park PW) have never exceeded the ES or PAL for any contaminants of concern. 6) Based on the sub-slab vapor sampling results, no vapor intrusion risk is present at this time.

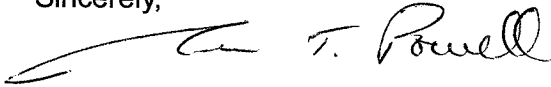
If the state concurs that "closure" is a viable option at this time, please contact METCO to discuss closure activities and costs.

However, if due to the sporadic free product found in MW-6, the state may determine additional monitoring will be required, please contact METCO.

A Detailed Site Map, Groundwater Flow Maps (2), Groundwater Isoconcentration Map, Vapor Results Map, Data Tables, Drilling Documents, Sub-Slab Vapor Documents and Photos, 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,

A handwritten signature in black ink, appearing to read "Jason T. Powell". The signature is fluid and cursive, with the first name "Jason" being more prominent and the last name "Powell" following in a similar style.


Jason T. Powell
Staff Scientist

Attachments

c: Adam Bachand – Client

**B.I.b. DETAILED
SITE MAP**

SMITH'S UNION 76 STATION



709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8883

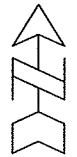
Excellence through experience

SOLON SPRINGS,
WISCONSIN

DRAWN BY: ED DATE: 06/27/2002
UPDATED BY: BK DATE: 8/08/2016

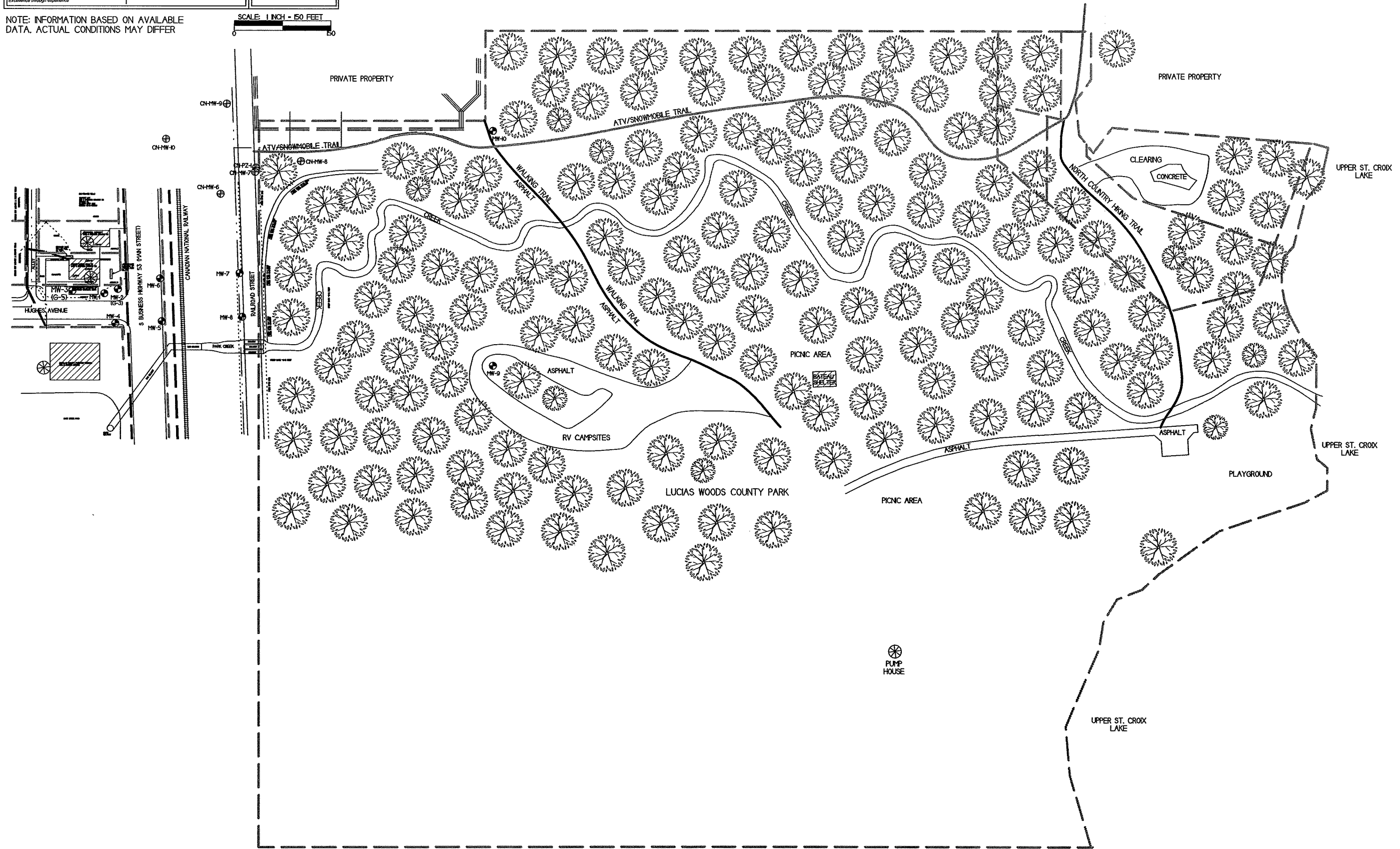
- - MONITORING WELL LOCATION
- ⊕ - MONITORING WELL LOCATION
(OPEN SOLON SPRINGS INVESTIGATION LUST SITE)
- ⊗ - POTABLE WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLING LOCATION

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



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

SCALE: 1 INCH = 50 FEET



B.I.b. DETAILED SITE MAP (Close-Up)
SMITH'S UNION 76 STATION

709 Colgate Street, Suite 10
 La Crosse, WI 54601
 Tel: (608) 781-8879
 Fax: (608) 781-8875

SOLON SPRINGS, WISCONSIN

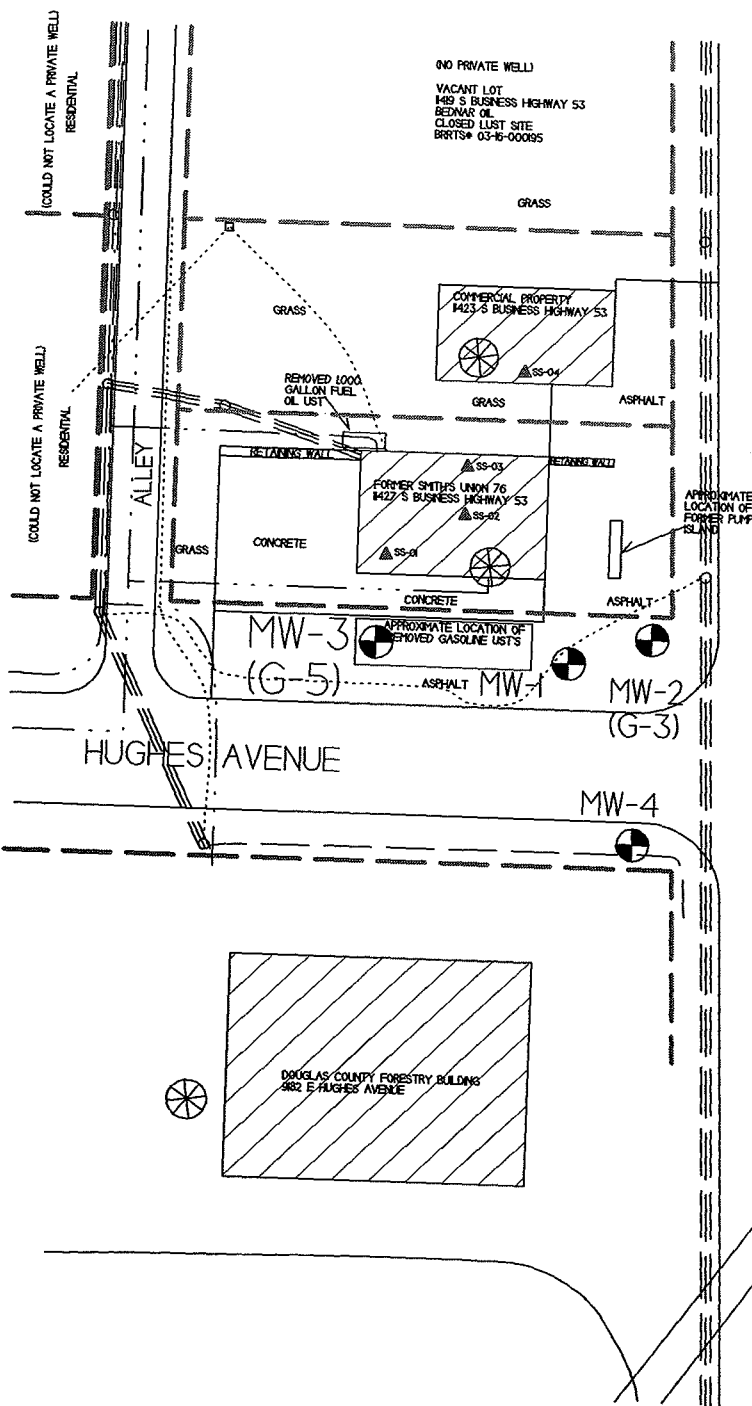
DRAWN BY: ED DATE: 06/27/2002
 UPDATED BY: BK DATE: 8/16/2006

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

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- = POTABLE WELL LOCATION

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

SCALE: 1 INCH = 50 FEET



S BUSINESS HIGHWAY 53 (MAIN STREET)

CANADIAN NATIONAL RAILWAY

RAILROAD STREET

CN-PZ-1
CN-MW-7

CN-MW-6

MW-7

MW-8

MW-6

MW-5

BOX CULVERT PARK CREEK

CULVERT

STEEP BANK ~9-7 FEET LOWER THAN ROADWAY

FIBER OPTIC LINE

FIBER OPTIC LINE

STEEP BANK ~7-4 FEET LOWER THAN ROADWAY

FIBER OPTIC LINE

STEEP BANK ~2-2 FEET LOWER THAN ROADWAY

FIBER OPTIC LINE

STEEP BANK ~2-20 FEET LOWER THAN ROADWAY

PRIVATE PROPERTY

ATV/SNOWMOBILE TRAIL

WALKING TRAIL ASPHALT

STEEP BANK ~2-2 FEET LOWER THAN ROADWAY

CREEK

CREEK

STEEP BANK ~10-2 FEET

CN-MW-9

CN-MW-8

MW-10

MW-9

B.3.c. GROUNDWATER FLOW DIRECTION (6/20/18)

SMITH'S UNION 76 STATION

709 Gillette Street, Suite 3
La Crosse, WI 54602
Tel: (608) 781-8870
Fax: (608) 781-8883

SOLON SPRINGS, WISCONSIN

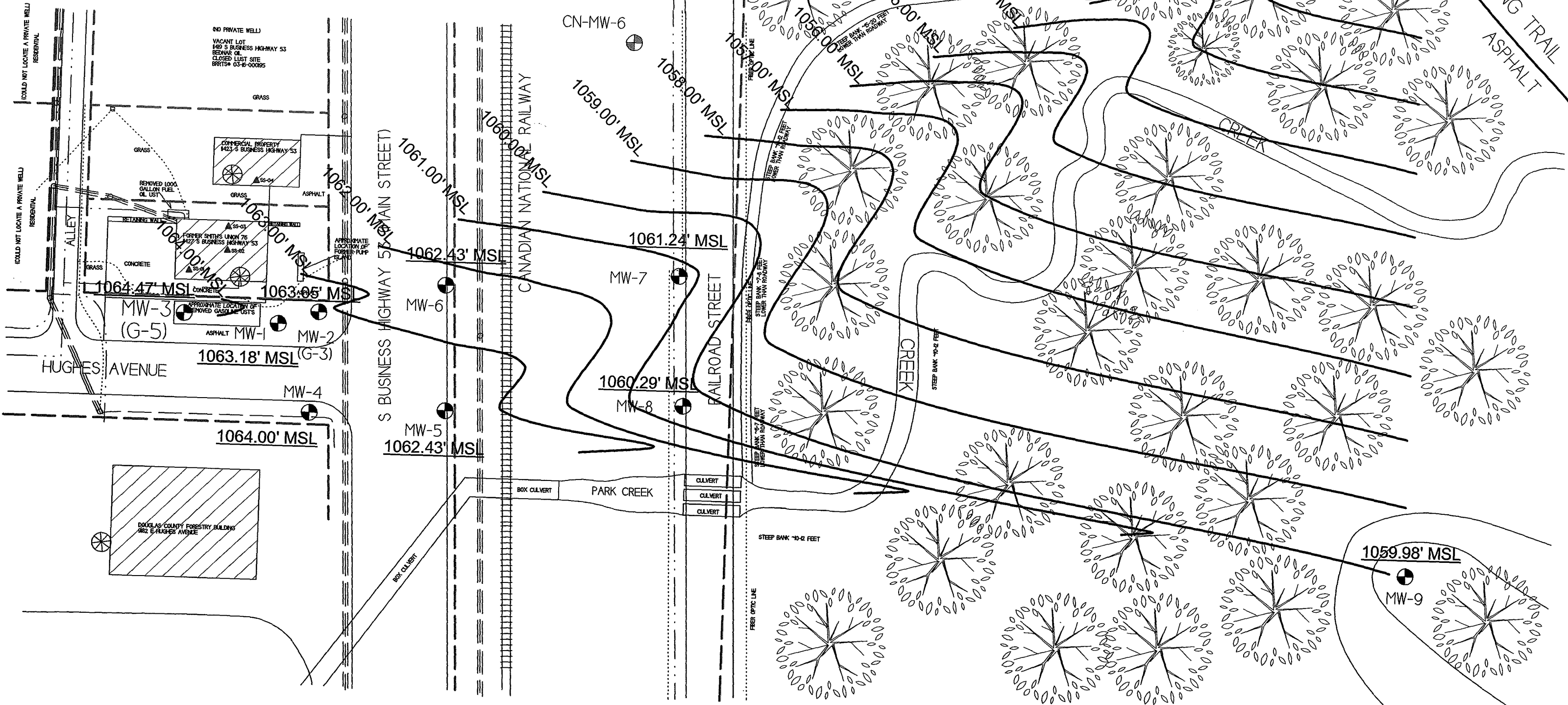
DRIVEN BY: ED
UPDATED BY: BK
DATE: 06/27/2018
DATE: 1/04/2018

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

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- = SUB SLAB VAPOR SAMPLING LOCATION
- = POTABLE WELL LOCATION

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

SCALE: 1 INCH = 50 FEET



PRIVATE PROPERTY

COULD NOT LOCATE A PRIVATE WELL RESIDENTIAL

COULD NOT LOCATE A PRIVATE WELL RESIDENTIAL

NO PRIVATE WELL
VACANT LOT
149 S BUSINESS HIGHWAY 53
BEDMAR OIL
CLOSED LUST SITE
BRITS# 03-16-00095

COMMERCIAL PROPERTY
1423 S BUSINESS HIGHWAY 53

APPROXIMATE LOCATION OF REMOVED GASOLINE TANKS

DOUGLAS COUNTY FORESTRY BUILDING
982 E HUGHES AVENUE

ATV/SNOWMOBILE TRAIL

WALKING TRAIL ASPHALT

RAILROAD STREET

PARK CREEK

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

B.3.c. GROUNDWATER FLOW DIRECTION (9/4/18)

SMITH'S UNION 76 STATION

709 Gillette Street, Suite 3
La Crosse, WI 54601
Tel: (608) 781-8575
Fax: (608) 781-8585

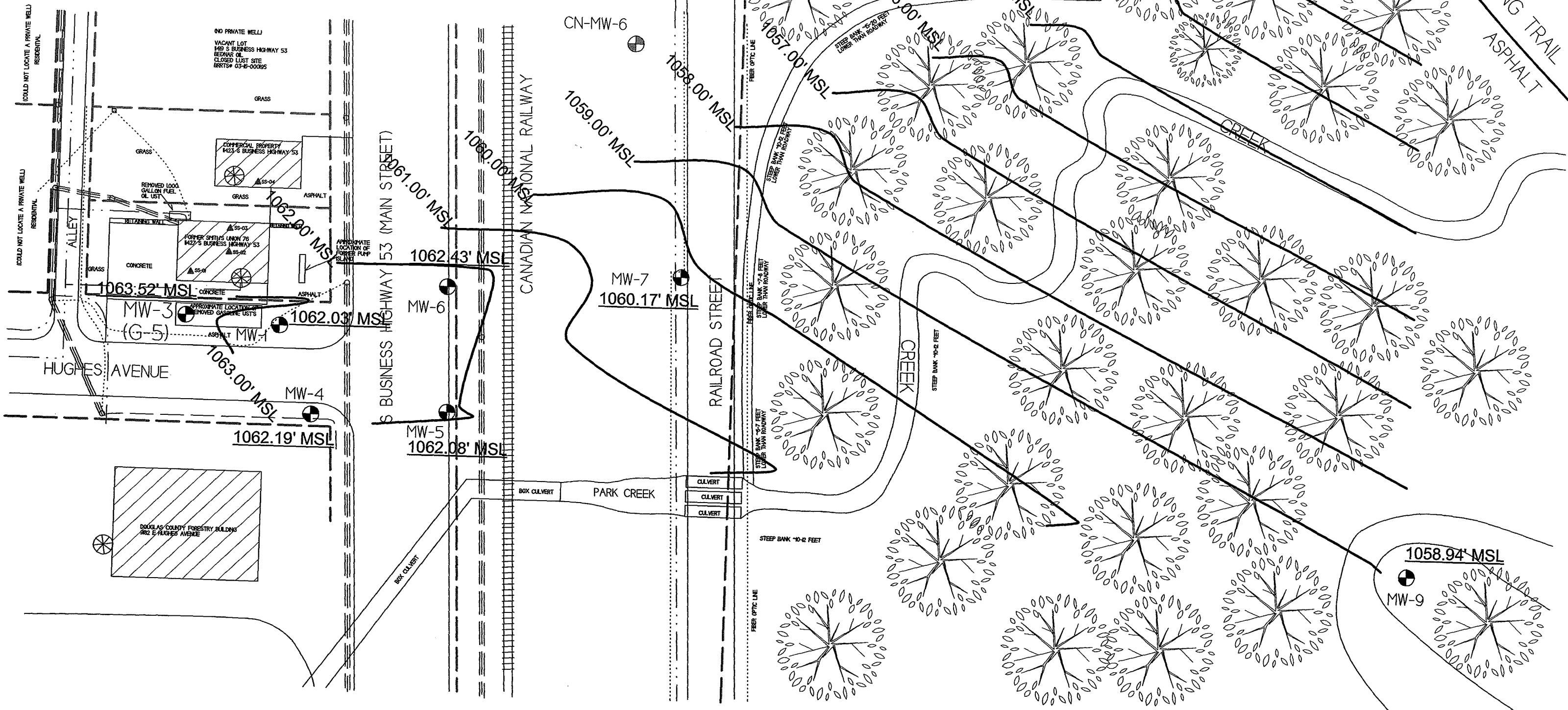
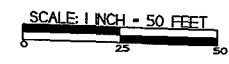
SOLON SPRINGS, WISCONSIN

DRAWN BY: ED DATE: 05/27/2002
UPDATED BY: BK DATE: 8/26/2008

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

- ⊙ = MONITORING WELL LOCATION
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- ▲ = SUB SLAB VAPOR SAMPLING LOCATION
- ⊙ = POTABLE WELL LOCATION

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



PRIVATE PROPERTY

COULD NOT LOCATE A PRIVATE WELL RESIDENTIAL

COULD NOT LOCATE A PRIVATE WELL RESIDENTIAL

NO PRIVATE WELL
VACANT LOT
140 S BUSINESS HIGHWAY 53
BEHIND OIL
CLOSED LUST SITE
BRITS# 02-15-00065

COMMERCIAL PROPERTY
1423 S BUSINESS HIGHWAY 53

FORMER SMITH'S UNION 76
1422 S BUSINESS HIGHWAY 53

APPROXIMATE LOCATION OF REMOVED GASOLINE PUMPS

APPROXIMATE LOCATION OF REMOVED GASOLINE PUMPS

APPROXIMATE LOCATION OF REMOVED GASOLINE PUMPS

DOUGLAS COUNTY FORESTRY BUILDING
382 E HUGHES AVENUE

APPROXIMATE LOCATION OF REMOVED GASOLINE PUMPS

APPROXIMATE LOCATION OF REMOVED GASOLINE PUMPS

STEEP BANK ~10-12 FEET
LOWER THAN ROADWAY

STEEP BANK ~10-12 FEET
LOWER THAN ROADWAY

STEEP BANK ~10-12 FEET
LOWER THAN ROADWAY

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

STEEP BANK ~10-12 FEET

1058.94' MSL
MW-9

1050.97' MSL
MW-10

1055.00' MSL

1054.00' MSL

1053.00' MSL

1052.00' MSL

1051.00' MSL

1056.00' MSL

1055.00' MSL

1054.00' MSL

1053.00' MSL

1052.00' MSL

1051.00' MSL

1050.97' MSL

1050.00' MSL

1049.00' MSL

1048.00' MSL

1047.00' MSL

1046.00' MSL

1045.00' MSL

1044.00' MSL

1043.00' MSL

1042.00' MSL

1041.00' MSL

1040.00' MSL

1039.00' MSL

1038.00' MSL

1037.00' MSL

1036.00' MSL

1035.00' MSL

1034.00' MSL

1033.00' MSL

1032.00' MSL

1031.00' MSL

1030.00' MSL

1029.00' MSL

1028.00' MSL

1027.00' MSL

1026.00' MSL

1025.00' MSL

1024.00' MSL

1023.00' MSL

1022.00' MSL

1021.00' MSL

1020.00' MSL

1019.00' MSL

1018.00' MSL

1017.00' MSL

1016.00' MSL

1015.00' MSL

1014.00' MSL

1013.00' MSL

1012.00' MSL

1011.00' MSL

1010.00' MSL

1009.00' MSL

1008.00' MSL

1007.00' MSL

1006.00' MSL

1005.00' MSL

1004.00' MSL

1003.00' MSL

1002.00' MSL

1001.00' MSL

1000.00' MSL

999.00' MSL

998.00' MSL

997.00' MSL

996.00' MSL

995.00' MSL

994.00' MSL

993.00' MSL

992.00' MSL

991.00' MSL

990.00' MSL

989.00' MSL

988.00' MSL

987.00' MSL

986.00' MSL

985.00' MSL

984.00' MSL

983.00' MSL

982.00' MSL

981.00' MSL

980.00' MSL

979.00' MSL

978.00' MSL

977.00' MSL

976.00' MSL

975.00' MSL

974.00' MSL

973.00' MSL

972.00' MSL

971.00' MSL

970.00' MSL

969.00' MSL

968.00' MSL

967.00' MSL

966.00' MSL

965.00' MSL

964.00' MSL

963.00' MSL

962.00' MSL

961.00' MSL

960.00' MSL

959.00' MSL

958.00' MSL

957.00' MSL

956.00' MSL

955.00' MSL

954.00' MSL

953.00' MSL

952.00' MSL

951.00' MSL

950.00' MSL

B.3.b. GROUNDWATER ISOCONCENTRATION
SMITH'S UNION 76 STATION

METCO
 709 Gilman Street, Suite 3
 La Crosse, WI 54601
 Tel: (608) 781-8879
 Fax: (608) 781-8879

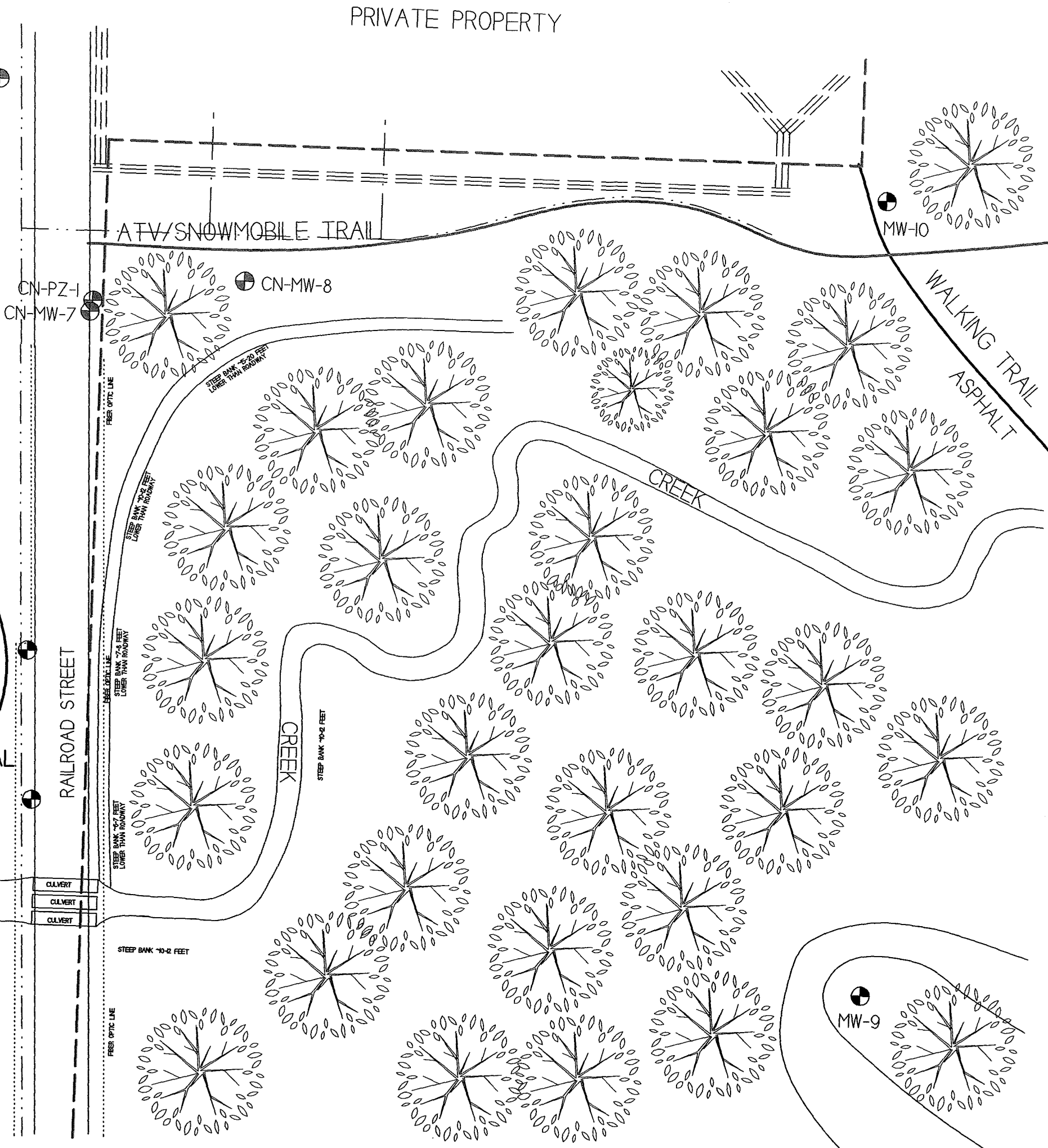
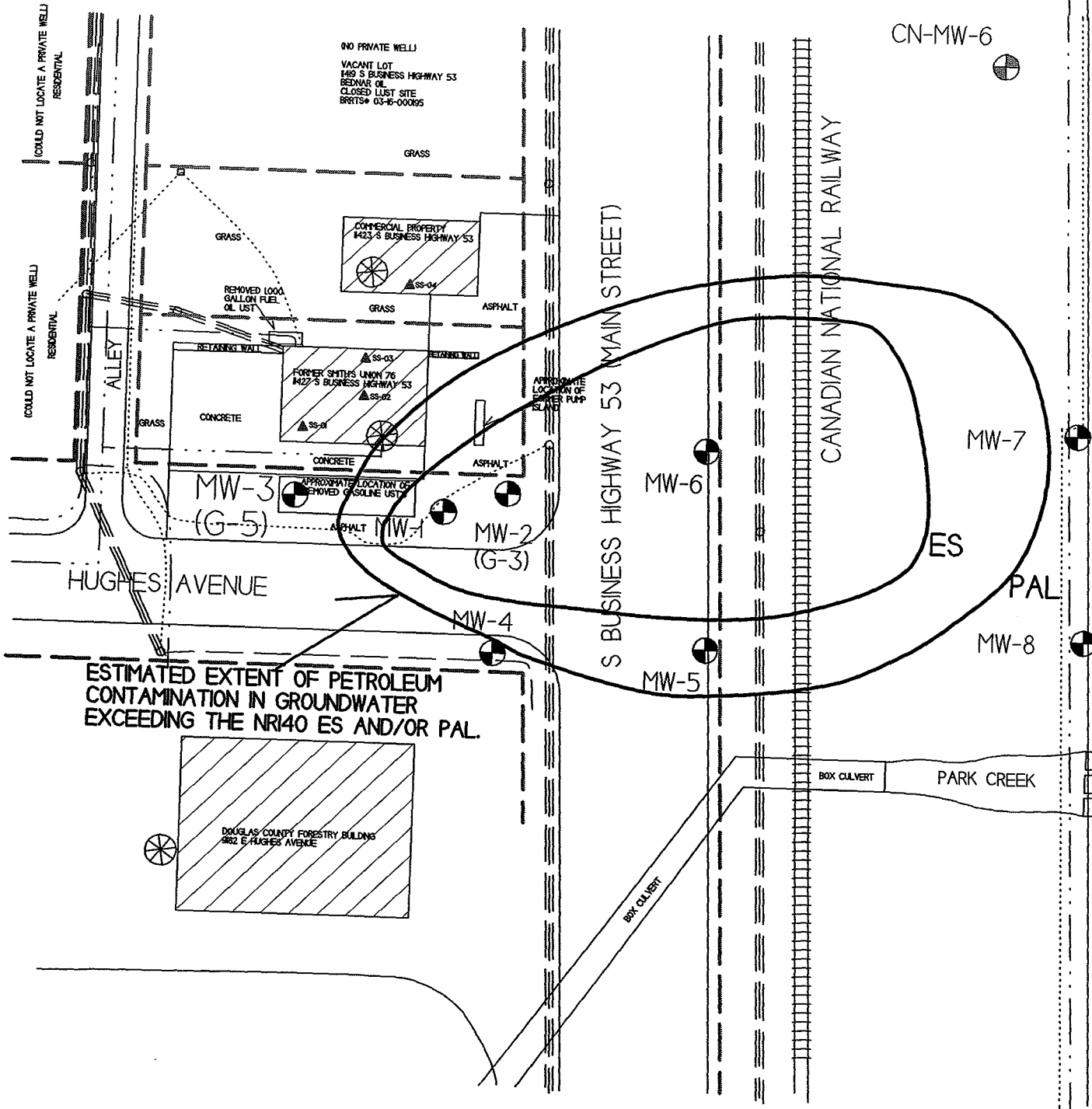
SOLON SPRINGS, WISCONSIN
 DRAWN BY: ED DATED: 06/27/2006
 UPDATED BY: BK DATED: 6/04/2006

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

- - MONITORING WELL LOCATION
- - MONITORING WELL LOCATION (OPEN SOLON SPRINGS INVESTIGATION LUST SITE)
- ▲ - SUB SLAB VAPOR SAMPLING LOCATION
- ⊗ - POTABLE WELL LOCATION
- ⊕ - NATURAL GAS
- ⊖ - SANITARY SEWER
- ⊘ - PROPERTY LINE

- OVERHEAD LINES
- BURIED ELECTRIC
- TELEPHONE LINE

SCALE: 1 INCH = 50 FEET



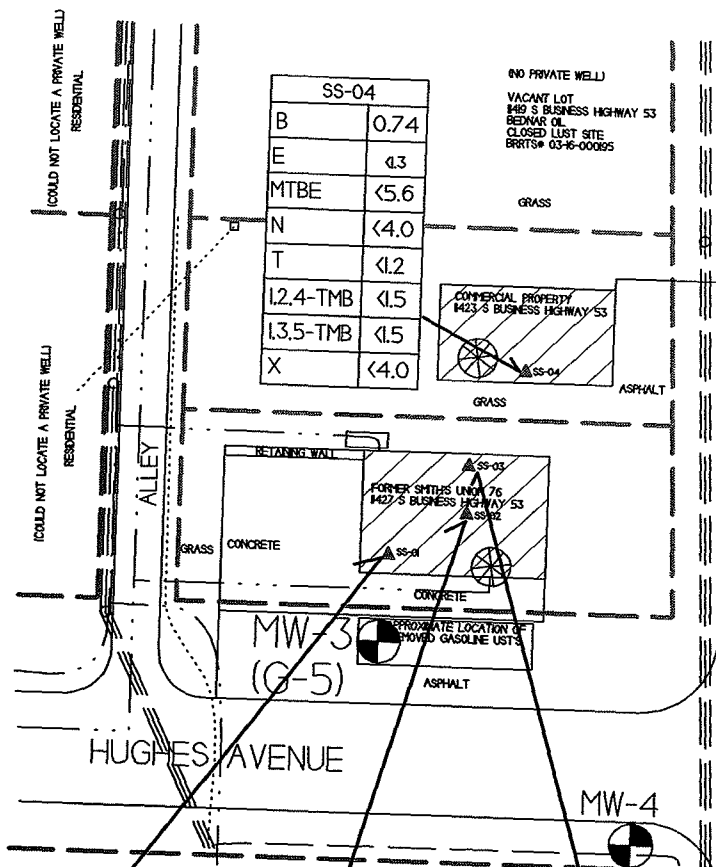
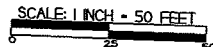
B.4.a. VAPOR INTRUSION MAP
SMITH'S UNION 76 STATION

METCO
 100 Gilmore Street, Suite 3
 La Crosse, WI 54601
 Tel: (608) 781-4972
 Fax: (608) 781-2893

SOLON SPRINGS, WISCONSIN
 DRAWN BY: ED DATE: 04/27/05
 UPDATED BY: IK DATE: 6/04/08

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

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



- B - BENZENE
- E - ETHYLBENZENE
- MTBE - METHYL TERT-BUTYL ETHER
- N - NAPHTHALENE
- T - TOLUENE
- 1,2,4-TMB - TRIMETHYLBENZENE (1,2,4)
- 1,3,5-TMB - TRIMETHYLBENZENE (1,3,5)
- X - XYLENE

S BUSINESS HIGHWAY 53 (MAIN STREET)

CANADIAN NATIONAL RAILWAY

RAILROAD STREET

PRIVATE PROPERTY

CN-MW-9

CN-MW-6

MW-7

MW-8

CN-MW-7

CN-MW-8

MW-10

MW-9

ATV/SNOWMOBILE TRAIL

WALKING TRAIL
 ASPHALT

CREEK

CREEK

PARK CREEK

STEEP BANK ~5-8 FEET LOWER THAN ROADWAY

STEEP BANK ~6-8 FEET LOWER THAN ROADWAY

STEEP BANK ~5-8 FEET LOWER THAN ROADWAY

STEEP BANK ~10-12 FEET

FIBER OPTIC LINE

FIBER OPTIC LINE

FIBER OPTIC LINE

FIBER OPTIC LINE

FIBER OPTIC LINE

FIBER OPTIC LINE

FIBER OPTIC LINE

FIBER OPTIC LINE

FIBER OPTIC LINE

CULVERT

CULVERT

CULVERT

BOX CULVERT

BOX CULVERT

FIBER OPTIC LINE

A.1 Groundwater Analytical Table
Smith's Union 76 LUST Site BRRS# 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		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
06/20/18	1063.18	12.91	NS	6.0	<0.53	<0.57	<1.7	<0.45	<1.48	2.19
09/04/18	1062.03	14.06	NS	34	<0.53	<0.57	<1.7	1.64	<1.48	<1.58
ENFORCEMENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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
06/20/18	1063.05	12.96	NS	34	850	<5.7	340	23	3040	5290
09/04/18	1061.92	14.09	NS	32	258	<11.4	127	11.7	1310	1650
ENFORCEMENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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

6-22-18 Resurveyed 1076.56

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
06/20/18	1064.47	12.09	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
09/04/18	1063.52	13.04	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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). METCO

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

Well MW-4 6-22-18 Resurveyed 1075.11
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)	Trimethylbenzenes (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
06/20/18	1064.00	11.11	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
09/04/18	1062.19	12.92	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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 6-22-18 Resurveyed 1074.48
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)	Trimethylbenzenes (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	153	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
06/20/18	1063.83	10.65	NS	0.61	0.83	<0.57	<1.7	<0.45	3.72	1.54-2.12
09/04/18	1062.08	12.40	NS	2.11	17.7	<0.57	<1.7	1.94	41.28	13.98
ENFORCEMENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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 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)	Trimethylbenzenes (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
06/20/18	1062.43	14.35	NS	1190	3860	<5.7	650	10400	5040	24940
09/04/18	1062.43	14.35	NS	1060	5100	<57	910	12900	7040	25100
ENFORCEMENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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 6-22-18 Resurveyed 1069.14
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
06/20/18	1061.24	7.90	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
09/04/18	1060.17	8.97	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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
06/20/18	1060.29	4.19	NS	<0.22	<0.53	<0.57	<1.7	<0.45	5.2-5.95	4.1-4.68
09/04/18	ROAD GRADER FILLED IN TO 1.5'									
ENFORCE MENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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-9
PVC Elevation = 1060.38 (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)
06/20/18	1059.98	0.40	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
09/04/18	1058.94	1.44	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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-10

PVC Elevation = 1069.94 (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)
06/20/18	1049.76	20.18	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
09/04/18	1050.97	18.97	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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)	Trimethyl-benzenes (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							
06/20/18	NM	NM	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
09/04/18	NM	NM	NOT SAMPLED							
ENFORCE MENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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 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)	Trimethyl-benzenes (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							
06/20/18	NM	NM	NOT SAMPLED							
09/04/18	NM	NM	NOT SAMPLED							
ENFORCE MENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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 BRRS# 03-16-000069

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
06/20/18	NM	NM	NS	<0.22	<0.26	<0.28	<2.1	0.82	<1.43	<0.72
09/04/18	NM	NM	NOT SAMPLED							
ENFORCE MENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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 Lucius County Park

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)
06/20/18	NM	NM	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
09/04/18	NM	NM	NOT SAMPLED							
ENFORCE MENT STANDARD ES =			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =			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 Sampling Conducted on: 06/20/18 06/20/18 06/20/18 06/20/18 06/20/18

VOC's

ENFORCEMENT STANDARD = ES - Bold	PREVENTIVE ACTION LIMIT = PAL - Italics
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Well Name MW-9 MW-10 9182 E. Hughes 11427 S. Bus Hwy 53 Lucius County Park

Well Name	MW-9	MW-10	9182 E. Hughes	11427 S. Bus Hwy 53	Lucius County Park		
Lead, dissolved/ppb	NS	NS	NS	NS	NS	15	<i>1.5</i>
Benzene/ppb	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	5	<i>0.5</i>
Bromobenzene/ppb	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	==	==
Bromodichloromethane/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	0.6	<i>0.06</i>
Bromoform/ppb	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	4.4	<i>0.44</i>
tert-Butylbenzene/ppb	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	==	==
sec-Butylbenzene/ppb	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	==	==
n-Butylbenzene/ppb	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	==	==
Carbon Tetrachloride/ppb	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	5	<i>0.5</i>
Chlorobenzene/ppb	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
Chloroethane/ppb	< 0.61	< 0.61	< 0.61	< 0.61	< 0.61	400	<i>80</i>
Chloroform/ppb	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	6	<i>0.6</i>
Chloromethane/ppb	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	30	<i>3</i>
2-Chlorotoluene/ppb	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	==	==
4-Chlorotoluene/ppb	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
1,2-Dibromo-3-chloropropane/ppb	< 2.96	< 2.96	< 2.96	< 2.96	< 2.96	0.2	<i>0.02</i>
Dibromochloromethane/ppb	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	60	<i>6</i>
1,4-Dichlorobenzene/ppb	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	75	<i>15</i>
1,3-Dichlorobenzene/ppb	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	600	<i>120</i>
1,2-Dichlorobenzene/ppb	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	600	<i>60</i>
Dichlorodifluoromethane/ppb	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	1000	<i>200</i>
1,2-Dichloroethane/ppb	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	5	<i>0.5</i>
1,1-Dichloroethane/ppb	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	850	<i>85</i>
1,1-Dichloroethene/ppb	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	7	<i>0.7</i>
cis-1,2-Dichloroethene/ppb	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	70	<i>7</i>
trans-1,2-Dichloroethene/ppb	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	100	<i>20</i>
1,2-Dichloropropane/ppb	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	5	<i>0.5</i>
1,3-Dichloropropane/ppb	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	==	==
trans-1,3-Dichloropropene/ppb	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	0.4	<i>0.04</i>
cis-1,3-Dichloropropene/ppb	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
Di-isopropyl ether/ppb	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	==	==
EDB (1,2-Dibromoethane)/ppb	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	0.05	<i>0.005</i>
Ethylbenzene/ppb	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	700	<i>140</i>
Hexachlorobutadiene/ppb	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	==	==
Isopropylbenzene/ppb	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78	==	==
p-Isopropyltoluene/ppb	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	==	==
Methylene chloride/ppb	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	5	<i>0.5</i>
Methyl tert-butyl ether (MTBE)/ppb	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	60	<i>12</i>
Naphthalene/ppb	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	100	<i>10</i>
n-Propylbenzene/ppb	< 0.61	< 0.61	< 0.61	< 0.61	< 0.61	==	==
1,1,2,2-Tetrachloroethane/ppb	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.2	<i>0.02</i>
1,1,1,2-Tetrachloroethane/ppb	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	70	<i>7</i>
Tetrachloroethene (PCE)/ppb	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	5	<i>0.5</i>
Toluene/ppb	< 0.19	< 0.19	< 0.19	0.82	< 0.19	800	<i>160</i>
1,2,4-Trichlorobenzene/ppb	< 1.15	< 1.15	< 1.15	< 1.15	< 1.15	70	<i>14</i>
1,2,3-Trichlorobenzene/ppb	< 1.71	< 1.71	< 1.71	< 1.71	< 1.71	==	==
1,1,1-Trichloroethane/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	200	<i>40</i>
1,1,2-Trichloroethane/ppb	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	5	<i>0.5</i>
Trichloroethene (TCE)/ppb	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	5	<i>0.5</i>
Trichlorofluoromethane/ppb	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	==	==
1,2,4-Trimethylbenzene/ppb	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	Total TMB's 480	<i>Total TMB's 96</i>
1,3,5-Trimethylbenzene/ppb	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	0.2	<i>0.02</i>
Vinyl Chloride/ppb	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	Total Xylenes 2000	<i>Total Xylenes 400</i>
m&p-Xylene/ppb	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43		
o-Xylene/ppb	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29		

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

A.4 Vapor Analytical Table
 Sub-Slab Sampling Data Table for Smith's Union 76
 BY METCO

Sub-Slab Sampling conducted on June 4, 2018

WDNR

Small Commercial
 Sub-Slab Vapor Action
 Levels for Various VOCs
 Quick Look-Up Table
 Updated November, 2017

Sample ID	SS-01	SS-02	SS-03	(ug/m ³)	
Benzene – ug/m ³	1.0	2.8	2.2	530	c
Carbon Tetrachloride – ug/m ³	<0.89	<0.92	<0.95	670	c
Chloroform – ug/m ³	<0.69	<0.71	<0.74	180	c
Chloromethane – ug/m ³	<0.58	1.7	<0.63	13000	n
Dichlorodifluoromethane – ug/m ³	10.1	<2.5	<2.6	15000	n
1,1-Dichloroethane (1,1-DCA) – ug/m ³	<1.1	<1.2	<1.2	2600	c
1,2-Dichloroethane (1,2-DCA) – ug/m ³	<0.57	<0.59	<0.61	160	c
1,1-Dichloroethylene (1,1-DCE) – ug/m ³	<1.1	<1.2	<1.2	29000	n
1,2-Dichloroethylene (cis and trans) – ug/m ³	<2.2	1.2-2.4	<2.4	NA	-
Ethylbenzene – ug/m ³	1.3	<1.3	<1.3	1600	c
Methylene chloride – ug/m ³	28.9	<5.1	<5.3	87000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m ³	<5.1	<5.3	<5.5	16000	c
Naphthalene – ug/m ³	6.5	<3.8	8.3	120	c
Tetrachloroethylene – ug/m ³	7.2	40.3	6.6	6000	n
Toluene – ug/m ³	2.1	2.6	2.1	730000	n
1,1,1-Trichloroethane – ug/m ³	<1.5	<1.6	<1.7	730000	n
Trichloroethylene – ug/m ³	<0.76	0.84	<0.81	290	n
Trichlorofluoromethane (Halcarbon 11) – ug/m ³	<1.6	<1.6	<1.7	NA	-
Trimethylbenzene (1,2,4) – ug/m ³	2.8	<1.4	<1.5	8700	n
Trimethylbenzene (1,3,5) – ug/m ³	<1.4	<1.4	<1.5	8700	n
Vinyl chloride – ug/m ³	<0.36	<0.37	<0.39	930	c
Xylene (total) – ug/m ³	8.6	<3.8	<3.9	15000	n

ug/m³ = Micrograms per cubic meter.

< = Less than the reporting limit indicated in parentheses.

Bold = Sub-Slab Standard Exceedance

c = Carcinogen

n = Non Carcinogen

J = between Limit of Detection (LOD) and Limit of Quantitation (LOQ)

*** Please note that other VOCs were detected that are not on the WDNR Sub-Slab Vapor Action Levels Quick Look-Up Table.**

B = Compound was found in the blank and sample

E = Result exceeded calibration range

A.4 Vapor Analytical Table
 Sub-Slab Sampling Data Table for Smith's Union 76
 BY METCO

Sub-Slab Sampling conducted on June 4, 2018

WDNR

Residential
 Sub-Slab Vapor Action
 Levels for Various VOCs
 Quick Look-Up Table
 Updated November, 2017

Sample ID	SS-04 (Daycare)	(ug/m ³)	
Benzene – ug/m ³	0.74	120	c
Carbon Tetrachloride – ug/m ³	<0.97	160	c
Chloroform – ug/m ³	<0.75	40	c
Chloromethane – ug/m ³	<0.64	3100	n
Dichlorodifluoromethane – ug/m ³	4.5	3300	n
1,1-Dichloroethane (1,1-DCA) – ug/m ³	<1.3	600	c
1,2-Dichloroethane (1,2-DCA) – ug/m ³	<0.62	37	c
1,1-Dichloroethylene (1,1-DCE) – ug/m ³	<1.2	7000	n
1,2-Dichloroethylene (cis and trans) – ug/m ³	<2.4	NA	-
Ethylbenzene – ug/m ³	<1.3	370	c
Methylene chloride – ug/m ³	<5.4	21000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m ³	<5.6	3700	c
Naphthalene – ug/m ³	<4.0	28	c
Tetrachloroethylene -ug/m ³	1.9	1400	n
Toluene – ug/m ³	<1.2	170000	n
1,1,1-Trichloroethane – ug/m ³	20.6	170000	n
Trichloroethylene – ug/m ³	<0.83	70	n
Trichlorofluoromethane (Halcarbon 11) – ug/m ³	<1.7	NA	-
Trimethylbenzene (1,2,4) – ug/m ³	<1.5	2100	n
Trimethylbenzene (1,3,5) – ug/m ³	<1.5	2100	n
Vinyl chloride – ug/m ³	<0.40	57	c
Xylene (total) -ug/m ³	<4.0	3300	n

ug/m³ = Micrograms per cubic meter.

< = Less than the reporting limit indicated in parentheses.

Bold = Sub-Slab Standard Exceedance

c = Carcinogen

n = Non Carcinogen

J = between Limit of Detection (LOD) and Limit of Quantitation (LOQ)

* Please note that other VOCs were detected that are not on the WDNR Sub-Slab Vapor Action Levels Quick Look-Up Table.

B = Compound was found in the blank and sample

E = Result exceeded calibration range

- = Inhalation toxicity values are not available from U.S. EPA

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	MW-9	MW-10
Ground Surface (feet msl)	1076.54	1076.64	1076.87	1075.52	1074.94	1077.21	1069.91	1064.88	NI	NI
6-22-18 Re-survey Ground Surface	1076.52	1076.61	1076.89	1075.61	1074.95	1077.22	1069.65	1065.04	1060.93	1070.55
PVC top (feet msl)	1076.09	1076.01	1076.55	1075.13	1074.47	1076.78	1069.57	1064.48	NI	NI
6-22-18 Resurveyd PVC top	1076.09	1076.01	1076.56	1075.11	1074.48	1076.78	1069.14	1064.48	1060.38	1069.94
Well Depth (feet)	20.00	20.00	21.00	20.00	20.00	20.00	14.50	14.50	13	30
Top of screen (feet msl)	1066.52	1066.61	1065.89	1065.61	1064.95	1067.22	1065.15	1060.54	1057.93	1050.55
Bottom of screen (feet msl)	1056.52	1056.61	1055.89	1055.61	1054.95	1057.22	1055.15	1050.54	1047.93	1040.55
Depth to Water From Top of PVC (feet)										
10/2/2012	14.62	14.64	13.63	13.54	13.12	15.75	NI	NI	NI	NI
11/7/2013	14.65	14.65	13.68	13.54	13.12	15.85	9.80	5.58	NI	NI
2/19/2014	USP	14.99	14.10	CNL	13.80	16.14	10.05	W	NI	NI
5/21/2014	13.65	13.70	12.69	12.57	11.99	14.65	8.79	4.67	NI	NI
6/11/2015	13.78	13.92	13.04	12.89	12.35	15.31	9.34	5.42	NI	NI
9/14/2015	14.09	14.10	13.20	12.88	12.55	15.43	9.41	7.36	NI	NI
12/10/2015	14.51	14.56	13.51	13.47	13.16	15.80	9.75	5.61	NI	NI
3/9/2016	14.44	14.46	13.50	13.52	13.20	15.55	9.59	5.48	NI	NI
6/20/2018	12.91	12.96	12.09	11.11	10.65	14.35	7.90	4.19	0.40	20.18
9/4/2018	14.06	14.09	13.04	12.92	12.40	14.35	8.97	Filled In	1.44	18.97
Depth to Water From Ground Surface (feet)										
10/2/2012	15.07	15.27	13.95	13.93	13.59	16.18	NI	NI	NI	NI
11/7/2013	15.10	15.28	14.00	13.93	13.59	16.28	10.14	5.98	NI	NI
2/19/2014	USP	15.62	14.42	CNL	14.27	16.57	10.39	W	NI	NI
5/21/2014	14.10	14.33	13.01	12.96	12.46	15.08	9.13	5.07	NI	NI
6/11/2015	14.23	14.55	13.36	13.28	12.82	15.74	9.68	5.82	NI	NI
9/14/2015	14.54	14.73	13.52	13.27	13.02	15.86	9.75	7.76	NI	NI
12/10/2015	14.96	15.19	13.83	13.86	13.63	16.23	10.09	6.01	NI	NI
3/9/2016	14.89	15.09	13.82	13.91	13.67	15.98	9.93	5.88	NI	NI
6/20/2018	13.34	13.56	12.42	11.61	11.12	14.79	8.41	4.75	0.95	20.79
9/4/2018	14.49	14.69	13.37	13.42	12.87	14.79	9.48	Filled In	1.99	19.58
Groundwater Elevation (feet msl)										
10/2/2012	1061.47	1061.37	1062.92	1061.59	1061.35	1061.03	NI	NI	NI	NI
11/7/2013	1061.44	1061.36	1062.87	1061.59	1061.35	1060.93	1059.77	1058.90	NI	NI
2/19/2014	USP	1061.02	1062.45	CNL	1060.67	1060.64	1059.52	W	NI	NI
5/21/2014	1062.44	1062.31	1063.86	1062.56	1062.48	1062.13	1060.78	1059.81	NI	NI
6/11/2015	1062.31	1062.09	1063.51	1062.24	1062.12	1061.47	1060.23	1059.06	NI	NI
9/14/2015	1062.00	1061.91	1063.35	1062.25	1061.92	1061.35	1060.16	1057.12	NI	NI
12/10/2015	1061.58	1061.45	1063.04	1061.66	1061.31	1060.98	1059.82	1058.87	NI	NI
3/9/2016	1061.65	1061.55	1063.05	1061.61	1061.27	1061.23	1059.98	1059.00	NI	NI
6/20/2018	1063.18	1063.05	1064.47	1064.00	1063.83	1062.43	1061.24	1060.29	1059.98	1049.76
9/4/2018	1062.03	1061.92	1063.52	1062.19	1062.08	1062.43	1060.17	Filled In	1058.94	1050.97

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

A.7. 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 0.0431	0.04	0.13
9/14/2015	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	2.4 No Sock 0.0528	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
6/20/2018	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	3 No Sock 0.02	0.02	0.2
9/4/2018	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	0 No Sock 0	0.00	0.2

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
06/20/18	3.83	7.27	12.1	8.77	486.00	NS	NS	NS	NS
09/04/18	3.00	5.95	-7.0	14.56	241.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						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

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
06/20/18	3.28	7.68	-51.1	8.55	455.00	NS	NS	NS	NS
09/04/18	2.96	5.75	-75.3	14.21	297.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						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

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
06/20/18	3.70	9.18	96.5	8.70	161.00	NS	NS	NS	NS
09/04/18	3.31	6.59	47.8	12.14	231.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						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

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
06/20/18	3.33	7.24	95.2	14.15	7.00	NS	NS	NS	NS
09/04/18	2.89	5.89	1.0	15.39	335.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						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

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
06/20/18	3.07	6.88	70.1	11.43	838.00	NS	NS	NS	NS
09/04/18	2.90	6.19	-27.4	16.16	963.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						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

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
06/20/18	3.25	6.85	-159.6	8.68	1788.00	NS	NS	NS	NS
09/04/18	2.93	6.45	-94.6	14.65	1490.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						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

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
06/20/18	3.39	7.37	120.7	13.13	427.00	NS	NS	NS	NS
09/04/18	3.00	5.94	50.7	16.11	400.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						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

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
06/20/18	3.19	7.95	77.0	15.66	171.00	NS	NS	NS	NS
09/04/18	ROAD GRADER FILLED IN TO 1.5'					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						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-9

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
06/20/18	3.64	7.62	36.2	11.16	61.00	NS	NS	NS	NS
09/04/18	2.87	5.41	14.8	16.73	106.00	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-10

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
06/20/18	3.77	8.68	100.7	7.63	203.00	NS	NS	NS	NS
09/04/18	3.21	6.23	66.8	12.11	244.00	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).

Facility/Project Name <i>Smith Union 76</i>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name <i>MW9</i>
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>	Wis. Unique Well No. <i>VP179</i> DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed <i>05/24/2018</i> m m d d y y y y
Type of Well Well Code <i>111 MW</i>	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N. R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <i>Joe Black P.S.I.</i>
Distance from Waste/Source ft. <input type="checkbox"/> Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number

A. Protective pipe, top elevation ----- ft. MSL

B. Well casing, top elevation ----- ft. MSL

C. Land surface elevation ----- ft. MSL

D. Surface seal, bottom ----- ft. MSL or ----- ft.

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
Hollow Stem Auger 41
Other

15. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

16. Drilling additives used? Yes No
Describe _____

17. Source of water (attach analysis, if required): _____

E. Bentonite seal, top ----- ft. MSL or ----- 1 ft.

F. Fine sand, top ----- ft. MSL or ----- 2.6 ft.

G. Filter pack, top ----- ft. MSL or ----- 2.5 ft.

H. Screen joint, top ----- ft. MSL or ----- 3 ft.

I. Well bottom ----- ft. MSL or ----- 13 ft.

J. Filter pack, bottom ----- ft. MSL or ----- 13 ft.

K. Borehole, bottom ----- ft. MSL or ----- 14 ft.

L. Borehole, diameter ----- 8 in.

M. O.D. well casing ----- 2.4 in.

N. I.D. well casing ----- 2.1 in.

1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: ----- 8 in.
b. Length: ----- 1 ft.
c. Material: Steel 04
Other

d. Additional protection? Yes No
If yes, describe: _____

3. Surface seal: Bentonite 30
Concrete 01
Other

4. Material between well casing and protective pipe:
Bentonite 30
Other

5. Annular space seal: a. Granular/Chipped Bentonite 33
b. ----- Lbs/gal mud weight ----- Bentonite-sand slurry 35
c. ----- Lbs/gal mud weight ----- Bentonite slurry 31
d. ----- % Bentonite ----- Bentonite-cement grout 50
e. ----- Ft³ volume added for any of the above
f. How installed: Tremie 01
Tremie pumped 02
Gravity 08

6. Bentonite seal: a. Bentonite granules 33
b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
c. ----- Other

7. Fine sand material: Manufacturer, product name & mesh size
a. *Red Flint 45-55*
b. Volume added *0.2* ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. *Red Flint*
b. Volume added *3.4* ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other

10. Screen material: *Same*
a. Screen type: Factory cut 11
Continuous slot 01
Other

b. Manufacturer *EMI*
c. Slot size: 0.010 in.
d. Slotted length: ----- ft.

11. Backfill material (below filter pack): None 14
#40 well slot Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Joe A. Black* Firm *P.S.I.*

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name <i>Smith Union 76</i>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <i>MW10</i>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>	Wis. Unique Well No. <i>W238</i> DNR Well ID No.
Facility ID	Lat. " Long. " or " or "	Date Well Installed <i>05/24/2018</i>
Type of Well Well Code <i>W 1 MW</i>	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N, R. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm <i>Joe Black P.S.I.</i>
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in.
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft.
D. Surface seal, bottom _____ ft. MSL or _____ ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input checked="" type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
17. Source of water (attach analysis, if required): _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or _____ ft.	7. Fine sand material: Manufacturer, product name & mesh size a. <i>Red Flint 45-55</i>
F. Fine sand, top _____ ft. MSL or _____ ft.	b. Volume added _____ ft ³
G. Filter pack, top _____ ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size a. <i>Red Flint #40 well slot</i>
H. Screen joint, top _____ ft. MSL or _____ ft.	b. Volume added _____ ft ³
I. Well bottom _____ ft. MSL or _____ ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
J. Filter pack, bottom _____ ft. MSL or _____ ft.	10. Screen material: <i>Same</i>
K. Borehole, bottom _____ ft. MSL or _____ ft.	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
L. Borehole, diameter _____ in.	b. Manufacturer <i>EMI</i>
M. O.D. well casing _____ in.	c. Slot size: 0.010 in.
N. I.D. well casing _____ in.	d. Slotted length: _____ ft.
	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Joe A. Black* Firm *P.S.I.*

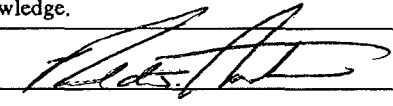
Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Smith's Union 76	County Name DOUGLAS	Well Name MW-9	
Facility License, Permit or Monitoring Number	County Code 16	Wis. Unique Well Number VP179	DNR Well ID Number

<p>1. Can this well be purged dry? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Well development method</p> <p>surged with bailer and bailed <input type="checkbox"/> 41</p> <p>surged with bailer and pumped <input checked="" type="checkbox"/> 61</p> <p>surged with block and bailed <input type="checkbox"/> 42</p> <p>surged with block and pumped <input type="checkbox"/> 62</p> <p>surged with block, bailed and pumped <input type="checkbox"/> 70</p> <p>compressed air <input type="checkbox"/> 20</p> <p>bailed only <input type="checkbox"/> 10</p> <p>pumped only <input type="checkbox"/> 51</p> <p>pumped slowly <input type="checkbox"/> 50</p> <p>Other <input type="checkbox"/></p> <p>3. Time spent developing well <u>58</u> min.</p> <p>4. Depth of well (from top of well casing) <u>13</u> ft.</p> <p>5. Inside diameter of well <u>2</u> in.</p> <p>6. Volume of water in filter pack and well casing <u>13</u> gal.</p> <p>7. Volume of water removed from well <u>90</u> gal.</p> <p>8. Volume of water added (if any) _____ gal.</p> <p>9. Source of water added _____</p> <p>10. Analysis performed on water added? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, attach results)</p>	<table style="width:100%;"> <tr> <td></td> <td style="text-align: center;"><u>Before Development</u></td> <td style="text-align: center;"><u>After Development</u></td> </tr> <tr> <td>11. Depth to Water (from top of well casing)</td> <td>a. <u>1.13</u> ft.</td> <td><u>1.59</u> ft.</td> </tr> <tr> <td>Date</td> <td>b. <u>05</u> / <u>24</u> / <u>2018</u></td> <td><u>5</u> / <u>24</u> / <u>2018</u></td> </tr> <tr> <td>Time</td> <td>c. <u>04</u> : <u>22</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.</td> <td><u>05</u> : <u>20</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.</td> </tr> <tr> <td>12. Sediment in well bottom</td> <td>_____ inches</td> <td>_____ inches</td> </tr> <tr> <td>13. Water clarity</td> <td>Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Tan</u></td> <td>Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear</u></td> </tr> <tr> <td></td> <td><u>Medium Turbidity</u></td> <td><u>Low Turbidity</u></td> </tr> </table> <p>Fill in if drilling fluids were used and well is at solid waste facility:</p> <p>14. Total suspended solids _____ mg/l</p> <p>15. COD _____ mg/l</p> <p>16. Well developed by: Name (first, last) and Firm First Name: Kaylin Last Name: Felix Firm: METCO</p>		<u>Before Development</u>	<u>After Development</u>	11. Depth to Water (from top of well casing)	a. <u>1.13</u> ft.	<u>1.59</u> ft.	Date	b. <u>05</u> / <u>24</u> / <u>2018</u>	<u>5</u> / <u>24</u> / <u>2018</u>	Time	c. <u>04</u> : <u>22</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>05</u> : <u>20</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	12. Sediment in well bottom	_____ inches	_____ inches	13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Tan</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear</u>		<u>Medium Turbidity</u>	<u>Low Turbidity</u>
	<u>Before Development</u>	<u>After Development</u>																				
11. Depth to Water (from top of well casing)	a. <u>1.13</u> ft.	<u>1.59</u> ft.																				
Date	b. <u>05</u> / <u>24</u> / <u>2018</u>	<u>5</u> / <u>24</u> / <u>2018</u>																				
Time	c. <u>04</u> : <u>22</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>05</u> : <u>20</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.																				
12. Sediment in well bottom	_____ inches	_____ inches																				
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Tan</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear</u>																				
	<u>Medium Turbidity</u>	<u>Low Turbidity</u>																				

17. Additional comments on development:

<p>Name and Address of Facility Contact /Owner/Responsible Party</p> <p>First Name: <u>Adam</u> Last Name: <u>Bachand</u></p> <p>Facility/Firm: _____</p> <p>Street: <u>1406 Belknap Street</u></p> <p>City/State/Zip: <u>Superior WI 54880-</u></p>	<p>I hereby certify that the above information is true and correct to the best of my knowledge.</p> <p>Signature: </p> <p>Print Name: <u>Kaylin Felix</u></p> <p>Firm: <u>METCO</u></p>
--	---

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Smith's Union 76	County Name DOUGLAS	Well Name MW-10
Facility License, Permit or Monitoring Number	County Code 16	Wis. Unique Well Number VP238
		DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/>	4 1
surged with bailer and pumped	<input checked="" type="checkbox"/>	6 1
surged with block and bailed	<input type="checkbox"/>	4 2
surged with block and pumped	<input type="checkbox"/>	6 2
surged with block, bailed and pumped	<input type="checkbox"/>	7 0
compressed air	<input type="checkbox"/>	2 0
bailed only	<input type="checkbox"/>	1 0
pumped only	<input type="checkbox"/>	5 1
pumped slowly	<input type="checkbox"/>	5 0
Other _____	<input type="checkbox"/>	

3. Time spent developing well 90 min.

4. Depth of well (from top of well casing) 30 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 10 gal.

7. Volume of water removed from well 93.5 gal.

8. Volume of water added (if any) _____ gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>20.87</u> ft.	<u>22.02</u> ft.
Date	b. <u>05 / 24 / 2018</u>	<u>5 / 24 / 2018</u>
Time	c. <u>05 : 30</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>07 : 00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe) <u>Brown</u>	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) <u>Tan</u>
	Medium Turbidity _____	Medium Turbidity _____

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Kaylin Last Name: Felix

Firm: METCO

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

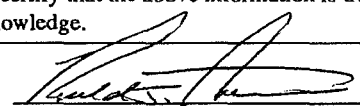
First Name: Adam Last Name: Bachand

Facility/Firm: _____

Street: 1406 Belknap Street

City/State/Zip: Superior WI 54880-

I hereby certify that the above information is true and correct to the best of my knowledge.


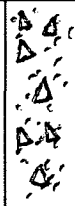

Signature: 

Print Name: Kaylin Felix

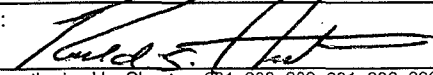
Firm: METCO

Route To: Watershed / Wastewater: Waste Management:
Remediation / Redevelopment: Other:

Facility / Project Name Smiths Union 76 Station		License / Permit / Monitoring Number		Boring Number MW-9
Boring Drilled By: Name of crew chief (first, last) and Firm First: Joe Last: Firm: PSI		Drilling Date Started 05/23/2018 MM/DD/YYYY	Drilling Date Completed 05/23/2018 MM/DD/YYYY	Drilling Method H.S.A
WI Unique Well No. VP179	DNR Well ID No. MW-9	Well Name MW-9	Final Static Water Level 1064 feet MSL	Surface Elevation 1065 feet MSL
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of SE ¼ of Section 26, T45N, R12W		Local Grid Location Lat 46° 21' 5.9" N Long 91° 49' 14.1" W Feet S Feet W		
Facility ID 816029940	County Douglas	County Code 16	Civil Town / City / Village Village of Solon Springs	

Number & Type	Length Att. & Recovered (ft)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties						RQD / Comments
								P / I / F / I D	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
MW-9-1 3.5 ft	24 24		2 4	Black to dark brown sandy silty clay with organics	CL		See Well Construction Form	1.5		W				No Petro Odor
MW-9-2 8 ft	24 24		8	Black clay with layers of fine grained sand with organics	CL			1.8		W				No Petro Odor
MW-9-3 12 ft	24 24		10 12	Brown medium to fine grained sandy gravel with large pebbles	SP			1.8		W				No Petro Odor
			14	EOB @ 13 Feet. Installed MW-9 to 13 feet bgs with a 10 foot screen.										

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: 

Firm: METCO

Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: Other: _____

Facility / Project Name Smiths Union 76 Station		License / Permit / Monitoring Number		Boring Number MW-10	
Boring Drilled By: Name of crew chief (first, last) and Firm First: Joe Last: _____ Firm: PSI		Drilling Date Started 05/23/2018 MM/DD/YYYY		Drilling Date Completed 05/23/2018 MM/DD/YYYY	
Drilling Method H.S.A		Final Static Water Level 1064 feet MSL		Surface Elevation 1085 feet MSL	
WI Unique Well No. DNR Well ID No. VP238		Well Name MW-10		Borehole Diameter 8"	
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of SE ¼ of Section 26, T45N, R12W		Local Grid Location Lat 46° 21' 5.9" N Long 91° 49' 14.1" W		Local Grid Location N E Feet S Feet W	
Facility ID 816029940		County Douglas		County Code 16	
				Civil Town / City / Village Village of Solon Springs	

Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	Soil Properties						P 200	RQD / Comments
								PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
MW-10-1 3.5 ft	24 24		4	Brown fine to medium grained sand with some pebbles	SP		See Well Construction Form	1.2		M					No Petro Odor
MW-10-2 8 ft	24 24		8	Brown medium grained sandy gravel	GP			1.4		M					No Petro Odor
MW-10-3 12 ft	24 24		12	Brown medium grained sandy gravel with large pebbles	GP			1.7		M					No Petro Odor
MW-10-4 16 ft	24 24		16	Brown to red medium to fine grained clayey sand with rare pebbles	SC			2.0		M					No Petro Odor
MW-10-5 20 ft	24 24		20	Brown fine grained sand	SP			1.1		M					No Petro Odor
MW-10-6 24 ft	24 24		24	Brown very fine grained sand	SP			2.3		W					No Petro Odor
			28												
			32	EOB @ 30 Feet. Installed MW-10 to 30 feet bgs with a 10 foot screen.											
			36												
			40												

I hereby certify that the information on this form is true and correct to the best of my knowledge

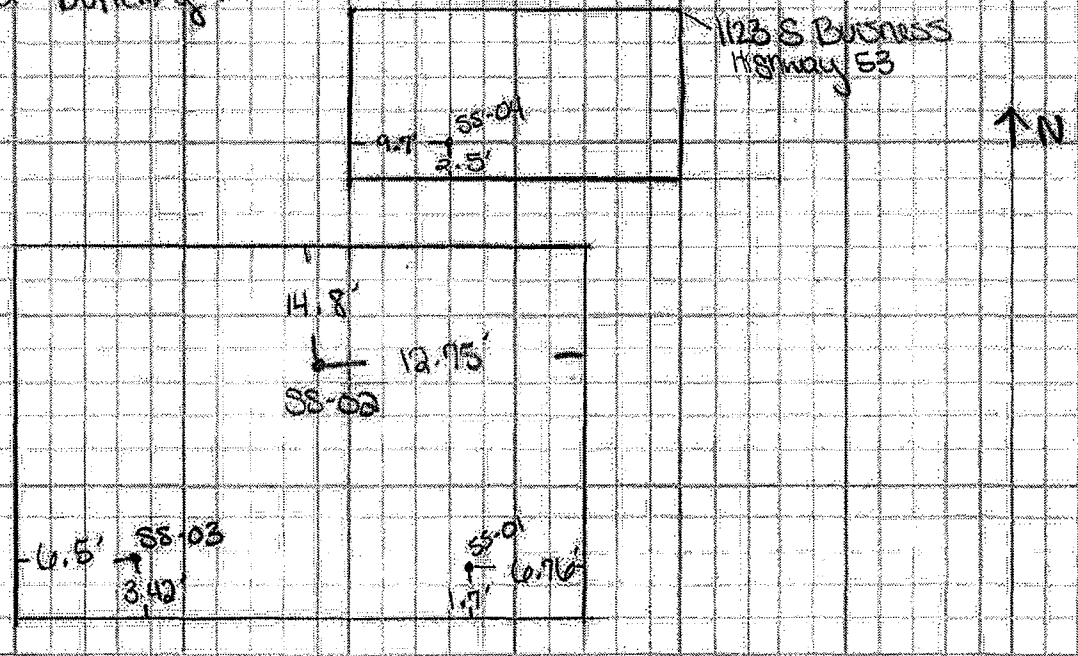
Signature:

Firm: **METCO**

The Science You Build On. Project No. BPB01903 Project Name METCO - Former Smith Union 76
 Project Manager Nick Stingl Date 6/4/18 Time onsite 14:30 Time offsite 18:30
 Form Author S. Schmidt Other Braun Intertec Staff Chase Popenhagen
 Project Location Colton Springs, WI
 Weather & Temperature Sunny & 75°
 Others (subcontractors, site superintendent, etc. [Time on-site/Time off-site]) _____
Tyler from metco on-site @ 14:30; arrived periodically @ ~ 16:30
 Field/PPE Equipment used (include ID#) 104

Work Completed (include field scope, unexpected issues, action items, log of communication, and site sketch if necessary):

Arrived on-site & met w/Tyler from metco ~ 14:30
 Gained access to the former Smith's Union Building and marked out approximate locations to compute subslab monitoring points
 Attempted to drill SS-02 in the northern portion of building. Slab was > 10" thick and the hammer drill bit wouldn't penetrate through due to bit being 10". Attempted 3 other locations within ~ 5' radius of designated location. All of which encountered slab > 10". Contacted Jason Powell w/ metco & it was decided to attempt one more location in northeast corner of building & if that was unsuccessful we would re-locate drilling to central portion of building. Attempt in NE corner of building encountered slab > 10" & we relocated SS-02 to center of building.



* NOT TO SCALE

Signature: S. Schmidt

Project No.: B1804903

Sample ID: SS-01

Project Name: Metro - Smith Wren #70

Date: 6/4/18

Location: Eden Springs, WI

Personnel: S. Schmidt

Radon or VOC mitigation system in building? Present Operating

Equipment

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Air canister & connectors | <input checked="" type="checkbox"/> Shut-in Test assembly | <input type="checkbox"/> Covers (permanent installation) |
| <input checked="" type="checkbox"/> Air Chain-of-Custody form | <input checked="" type="checkbox"/> Vapor Pin® kit | <input checked="" type="checkbox"/> Shop-Vac / broom & dustpan |
| <input checked="" type="checkbox"/> Hammer drill and bit(s) | <input checked="" type="checkbox"/> Vapor Pin® toolbox | <input checked="" type="checkbox"/> Concrete patch |
| <input type="checkbox"/> Extension cord | <input checked="" type="checkbox"/> PID # <u>04</u> | |

Vapor Pin® Installation

Installation Date: 6/4/18

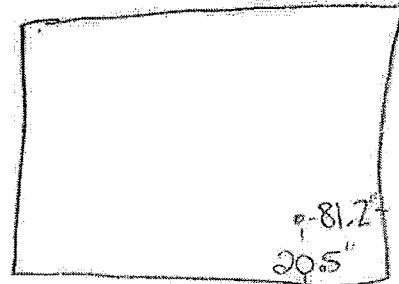
Installation Type:

- Temporary
 Permanent
 Stainless steel cover
 Plastic cover

Concrete Thickness (inches): 6"

Concrete patch (if temporary)

Sketch of pin location with measurements to walls:



Soil Vapor Sampling

Relative sub-slab pressure (±pascals): 0.0

Water dam test passed

Shut-in test passed

Purged 200 mL air prior to sampling

Sampling Canister ID: 305

- 1 Liter 6 Liters

Flow Controller ID: 1706

- None 200 mL/min

Canister Vacuum on Label ("Hg): -30

Canister Initial Vacuum ("Hg): -29

Do not use the canister if the difference between the label and initial vacuum is >4"Hg or if the initial is <25"Hg.

Collection Start Time: 15:30

The final vacuum must be <5"Hg or at least 20"Hg less than the initial vacuum.

Canister Final Vacuum ("Hg): -1

Collection End Time: 14:15

PID Reading (ppm): 1.2

Notes:

81.5" from EAST wall
20.5" from SOUTH wall + 116.5 from WEST wall

Vapor Pin® Installation and Soil Vapor Sampling Form

Project No.: B1804903

Sample ID: SS-02

Project Name: Meico - Smith Union 96

Date: 6/4/18

Location: Oshtemo Springs, WI

Personnel: S. Schmidt

Radon or VOC mitigation system in building? Present Operating

Equipment

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Air canister & connectors | <input checked="" type="checkbox"/> Shut-in Test assembly | <input type="checkbox"/> Covers (permanent installation) |
| <input checked="" type="checkbox"/> Air Chain-of-Custody form | <input checked="" type="checkbox"/> Vapor Pin® kit | <input checked="" type="checkbox"/> Shop-Vac / broom & dustpan |
| <input checked="" type="checkbox"/> Hammer drill and bit(s) | <input checked="" type="checkbox"/> Vapor Pin® toolbox | <input checked="" type="checkbox"/> Concrete patch |
| <input checked="" type="checkbox"/> Extension cord | <input checked="" type="checkbox"/> PID # <u>104</u> | |

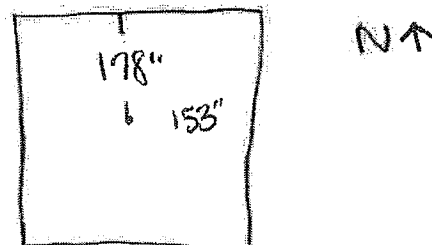
Vapor Pin® Installation

Installation Date: 6/4/18

Sketch of pin location with measurements to walls:

Installation Type:

- Temporary
 Permanent
 Stainless steel cover
 Plastic cover



Concrete Thickness (inches): 1.0

Concrete patch (if temporary)

Soil Vapor Sampling

Relative sub-slab pressure (±pascals): 0.0

Canister Vacuum on Label ("Hg): -30

Water dam test passed

Canister Initial Vacuum ("Hg): -29.5

Shut-in test passed

Do not use the canister if the difference between the label and initial vacuum is >4"Hg or if the initial is <25"Hg.

Purged 200 mL air prior to sampling

Collection Start Time: 17:05

Sampling Canister ID: 1585

The final vacuum must be <5"Hg or at least 20"Hg less than the initial vacuum.

- 1 Liter 6 Liters

Canister Final Vacuum ("Hg): -3

Flow Controller ID: 1192

- None 200 mL/min

Collection End Time: 17:50

PID Reading (ppm): 0.4

Notes:

178" from N wall 153" from East wall

Vapor Pin® Installation and Soil Vapor Sampling Form

Project No.: B1804903

Sample ID: SS-04

Project Name: Commercial Property

Date: 6/4/18

Location: Edison Springs, WI

Personnel: S. Schmidt

Radon or VOC mitigation system in building? Present Operating

Equipment

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Air canister & connectors | <input checked="" type="checkbox"/> Shut-in Test assembly | <input type="checkbox"/> Covers (permanent installation) |
| <input checked="" type="checkbox"/> Air Chain-of-Custody form | <input checked="" type="checkbox"/> Vapor Pin® kit | <input checked="" type="checkbox"/> Shop-Vac / broom & dustpan |
| <input checked="" type="checkbox"/> Hammer drill and bit(s) | <input checked="" type="checkbox"/> Vapor Pin® toolbox | <input type="checkbox"/> Concrete patch |
| <input checked="" type="checkbox"/> Extension cord | <input checked="" type="checkbox"/> PID # <u>604</u> | |

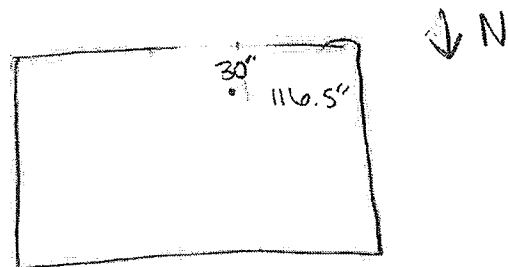
Vapor Pin® Installation

Installation Date: 6/4/18

Sketch of pin location with measurements to walls:

Installation Type:

- Temporary
 Permanent
 Stainless steel cover
 Plastic cover



Concrete Thickness (inches): 2"

Concrete patch (if temporary)

Soil Vapor Sampling

Relative sub-slab pressure (±pascals): 0.0

Canister Vacuum on Label ("Hg): -30

Water dam test passed

Canister Initial Vacuum ("Hg): -29.5

Shut-in test passed

Do not use the canister if the difference between the label and initial vacuum is >4"Hg or if the initial is <25"Hg.

Purged 200 mL air prior to sampling

Collection Start Time: 18:25

Sampling Canister ID: 3503

The final vacuum must be <5"Hg or at least 20"Hg less than the initial vacuum.

- 1 Liter 6 Liters

Canister Final Vacuum ("Hg): -4

Flow Controller ID: 1190

- None 200 mL/min

Collection End Time: 19:05

PID Reading (ppm): 0.3

Notes:

Sample collected from 4' x 4' utility room w/ concrete floor
 30" from S wall



SS-01







Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

June 11, 2018

Nicholas Stingl
Braun Intertec
2309 Palace Sreet
La Crosse, WI 54603

RE: Project: B1804903 Smith's Union 76 Stn
Pace Project No.: 10434132

Dear Nicholas Stingl:

Enclosed are the analytical results for sample(s) received by the laboratory on June 05, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bob Michels
bob.michels@pacelabs.com
(612)709-5046
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: B1804903 Smith's Union 76 Stn
Pace Project No.: 10434132

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064

Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #: 74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: B1804903 Smith's Union 76 Stn
Pace Project No.: 10434132

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10434132001	SS-01	Air	06/04/18 15:30	06/05/18 20:00
10434132002	SS-02	Air	06/04/18 17:50	06/05/18 20:00
10434132003	SS-03	Air	06/04/18 17:10	06/05/18 20:00
10434132004	SS-04 (Daycare)	Air	06/04/18 19:05	06/05/18 20:00

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SAMPLE ANALYTE COUNT

Project: B1804903 Smith's Union 76 Stn
Pace Project No.: 10434132

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10434132001	SS-01	TO-15	AFV	71	PASI-M
10434132002	SS-02	TO-15	AFV	71	PASI-M
10434132003	SS-03	TO-15	AFV	71	PASI-M
10434132004	SS-04 (Daycare)	TO-15	AFV	71	PASI-M

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PROJECT NARRATIVE

Project: B1804903 Smith's Union 76 Stn
Pace Project No.: 10434132

Method: TO-15
Description: TO15 MSV AIR (TICS)
Client: Braun-BLM
Date: June 11, 2018

General Information:

4 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 543271

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- SS-03 (Lab ID: 10434132003)
- Acetone

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: B1804903 Smith's Union 76 Stn
 Pace Project No.: 10434132

Sample: SS-01 Lab ID: 10434132001 Collected: 06/04/18 15:30 Received: 06/05/18 20:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)		Analytical Method: TO-15							
Acetone	301	ug/m3	3.3	2.1	1.39		06/08/18 06:15	67-64-1	
Benzene	1.0	ug/m3	0.45	0.21	1.39		06/08/18 06:15	71-43-2	
Benzyl chloride	ND	ug/m3	1.5	0.33	1.39		06/08/18 06:15	100-44-7	
Bromodichloromethane	ND	ug/m3	1.9	0.49	1.39		06/08/18 06:15	75-27-4	
Bromoform	ND	ug/m3	2.9	0.96	1.39		06/08/18 06:15	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.29	1.39		06/08/18 06:15	74-83-9	
1,3-Butadiene	ND	ug/m3	0.63	0.29	1.39		06/08/18 06:15	106-99-0	
2-Butanone (MEK)	6.0	ug/m3	4.2	0.28	1.39		06/08/18 06:15	78-93-3	
Carbon disulfide	ND	ug/m3	0.88	0.25	1.39		06/08/18 06:15	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.89	0.44	1.39		06/08/18 06:15	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.25	1.39		06/08/18 06:15	108-90-7	
Chloroethane	ND	ug/m3	0.75	0.28	1.39		06/08/18 06:15	75-00-3	
Chloroform	ND	ug/m3	0.69	0.32	1.39		06/08/18 06:15	67-66-3	
Chloromethane	ND	ug/m3	0.58	0.19	1.39		06/08/18 06:15	74-87-3	
Cyclohexane	ND	ug/m3	0.97	0.32	1.39		06/08/18 06:15	110-82-7	
Dibromochloromethane	ND	ug/m3	2.4	0.61	1.39		06/08/18 06:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	0.46	1.39		06/08/18 06:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.7	0.45	1.39		06/08/18 06:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.7	0.65	1.39		06/08/18 06:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.7	0.30	1.39		06/08/18 06:15	106-46-7	
Dichlorodifluoromethane	10.1	ug/m3	1.4	0.58	1.39		06/08/18 06:15	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.1	0.29	1.39		06/08/18 06:15	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.57	0.28	1.39		06/08/18 06:15	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.1	0.33	1.39		06/08/18 06:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.1	0.47	1.39		06/08/18 06:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	0.41	1.39		06/08/18 06:15	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	0.43	1.39		06/08/18 06:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.34	1.39		06/08/18 06:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.58	1.39		06/08/18 06:15	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.61	1.39		06/08/18 06:15	76-14-2	
Ethanol	20.7	ug/m3	1.3	0.65	1.39		06/08/18 06:15	64-17-5	
Ethyl acetate	ND	ug/m3	1.0	0.27	1.39		06/08/18 06:15	141-78-6	
Ethylbenzene	1.3	ug/m3	1.2	0.24	1.39		06/08/18 06:15	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	0.30	1.39		06/08/18 06:15	622-96-8	
n-Heptane	ND	ug/m3	1.2	0.29	1.39		06/08/18 06:15	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.0	1.2	1.39		06/08/18 06:15	87-68-3	
n-Hexane	6.2	ug/m3	1.0	0.46	1.39		06/08/18 06:15	110-54-3	
2-Hexanone	ND	ug/m3	5.8	0.85	1.39		06/08/18 06:15	591-78-6	
Methylene Chloride	28.9	ug/m3	4.9	2.1	1.39		06/08/18 06:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	5.8	0.49	1.39		06/08/18 06:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.1	0.93	1.39		06/08/18 06:15	1634-04-4	
Naphthalene	6.5	ug/m3	3.7	0.83	1.39		06/08/18 06:15	91-20-3	
2-Propanol	16.8	ug/m3	3.5	1.7	1.39		06/08/18 06:15	67-63-0	
Propylene	ND	ug/m3	0.49	0.22	1.39		06/08/18 06:15	115-07-1	
Styrene	ND	ug/m3	1.2	0.23	1.39		06/08/18 06:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.97	0.40	1.39		06/08/18 06:15	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: B1804903 Smith's Union 76 Stn
 Pace Project No.: 10434132

Sample: SS-01 Lab ID: 10434132001 Collected: 06/04/18 15:30 Received: 06/05/18 20:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)		Analytical Method: TO-15							
Tetrachloroethene	7.2	ug/m3	0.96	0.40	1.39		06/08/18 06:15	127-18-4	
Tetrahydrofuran	4.4	ug/m3	0.83	0.38	1.39		06/08/18 06:15	109-99-9	
Toluene	2.1	ug/m3	1.1	0.22	1.39		06/08/18 06:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	5.2	1.3	1.39		06/08/18 06:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.5	0.48	1.39		06/08/18 06:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.77	0.31	1.39		06/08/18 06:15	79-00-5	
Trichloroethene	ND	ug/m3	0.76	0.37	1.39		06/08/18 06:15	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	0.58	1.39		06/08/18 06:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.51	1.39		06/08/18 06:15	76-13-1	
1,2,4-Trimethylbenzene	2.8	ug/m3	1.4	0.24	1.39		06/08/18 06:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.57	1.39		06/08/18 06:15	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.23	1.39		06/08/18 06:15	108-05-4	
Vinyl chloride	ND	ug/m3	0.36	0.18	1.39		06/08/18 06:15	75-01-4	
m&p-Xylene	5.6	ug/m3	2.5	0.49	1.39		06/08/18 06:15	179601-23-1	
o-Xylene	3.0	ug/m3	1.2	0.52	1.39		06/08/18 06:15	95-47-6	
Tentatively Identified Compounds									
Unknown	45.7J	ppbv			1.39		06/08/18 06:15		
Methane, bromochloro-	20.3J	ppbv			1.39		06/08/18 06:15	74-97-5	N
Unknown	3.3J	ppbv			1.39		06/08/18 06:15		
Unknown	1.1J	ppbv			1.39		06/08/18 06:15		
Unknown	0.24J	ppbv			1.39		06/08/18 06:15		
Undecane	0.36J	ppbv			1.39		06/08/18 06:15	1120-21-4	N
Unknown	0.37J	ppbv			1.39		06/08/18 06:15		
Naphthalene, decahydro-	2.3J	ppbv			1.39		06/08/18 06:15	2958-76-1	N
Dodecane	2.2J	ppbv			1.39		06/08/18 06:15	112-40-3	N
Unknown	2.5J	ppbv			1.39		06/08/18 06:15		

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ANALYTICAL RESULTS

Project: B1804903 Smith's Union 76 Stn
 Pace Project No.: 10434132

Sample: SS-02 Lab ID: 10434132002 Collected: 06/04/18 17:50 Received: 06/05/18 20:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)		Analytical Method: TO-15							
Acetone	330	ug/m3	3.5	2.2	1.44		06/08/18 06:48	67-64-1	
Benzene	2.8	ug/m3	0.47	0.22	1.44		06/08/18 06:48	71-43-2	
Benzyl chloride	ND	ug/m3	1.5	0.34	1.44		06/08/18 06:48	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	0.51	1.44		06/08/18 06:48	75-27-4	
Bromoform	ND	ug/m3	3.0	1.0	1.44		06/08/18 06:48	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.30	1.44		06/08/18 06:48	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	0.30	1.44		06/08/18 06:48	106-99-0	
2-Butanone (MEK)	21.3	ug/m3	4.3	0.29	1.44		06/08/18 06:48	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	0.26	1.44		06/08/18 06:48	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.92	0.46	1.44		06/08/18 06:48	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.26	1.44		06/08/18 06:48	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.29	1.44		06/08/18 06:48	75-00-3	
Chloroform	ND	ug/m3	0.71	0.33	1.44		06/08/18 06:48	67-66-3	
Chloromethane	1.7	ug/m3	0.60	0.19	1.44		06/08/18 06:48	74-87-3	
Cyclohexane	ND	ug/m3	1.0	0.33	1.44		06/08/18 06:48	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	0.64	1.44		06/08/18 06:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	0.48	1.44		06/08/18 06:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.47	1.44		06/08/18 06:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.67	1.44		06/08/18 06:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	0.32	1.44		06/08/18 06:48	106-46-7	
Dichlorodifluoromethane	12.0	ug/m3	1.5	0.60	1.44		06/08/18 06:48	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.31	1.44		06/08/18 06:48	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	0.29	1.44		06/08/18 06:48	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.34	1.44		06/08/18 06:48	75-35-4	
cis-1,2-Dichloroethene	1.2	ug/m3	1.2	0.49	1.44		06/08/18 06:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.42	1.44		06/08/18 06:48	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.44	1.44		06/08/18 06:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.35	1.44		06/08/18 06:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.60	1.44		06/08/18 06:48	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	0.64	1.44		06/08/18 06:48	76-14-2	
Ethanol	52.8	ug/m3	1.4	0.67	1.44		06/08/18 06:48	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.28	1.44		06/08/18 06:48	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.25	1.44		06/08/18 06:48	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	0.31	1.44		06/08/18 06:48	622-96-8	
n-Heptane	ND	ug/m3	1.2	0.30	1.44		06/08/18 06:48	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.1	1.3	1.44		06/08/18 06:48	87-68-3	
n-Hexane	3.1	ug/m3	1.0	0.48	1.44		06/08/18 06:48	110-54-3	
2-Hexanone	ND	ug/m3	6.0	0.88	1.44		06/08/18 06:48	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	2.2	1.44		06/08/18 06:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.8	ug/m3	6.0	0.51	1.44		06/08/18 06:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.96	1.44		06/08/18 06:48	1634-04-4	
Naphthalene	ND	ug/m3	3.8	0.86	1.44		06/08/18 06:48	91-20-3	
2-Propanol	31.6	ug/m3	3.6	1.8	1.44		06/08/18 06:48	67-63-0	
Propylene	ND	ug/m3	0.50	0.23	1.44		06/08/18 06:48	115-07-1	
Styrene	ND	ug/m3	1.2	0.24	1.44		06/08/18 06:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.42	1.44		06/08/18 06:48	79-34-5	

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ANALYTICAL RESULTS

Project: B1804903 Smith's Union 76 Stn
 Pace Project No.: 10434132

Sample: SS-02 Lab ID: 10434132002 Collected: 06/04/18 17:50 Received: 06/05/18 20:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)		Analytical Method: TO-15							
Tetrachloroethene	40.3	ug/m3	0.99	0.41	1.44		06/08/18 06:48	127-18-4	
Tetrahydrofuran	5.3	ug/m3	0.86	0.39	1.44		06/08/18 06:48	109-99-9	
Toluene	2.6	ug/m3	1.1	0.23	1.44		06/08/18 06:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	5.4	1.4	1.44		06/08/18 06:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.49	1.44		06/08/18 06:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.80	0.32	1.44		06/08/18 06:48	79-00-5	
Trichloroethene	0.84	ug/m3	0.79	0.39	1.44		06/08/18 06:48	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	0.60	1.44		06/08/18 06:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.2	0.53	1.44		06/08/18 06:48	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.4	0.25	1.44		06/08/18 06:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.59	1.44		06/08/18 06:48	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.24	1.44		06/08/18 06:48	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	0.18	1.44		06/08/18 06:48	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	0.50	1.44		06/08/18 06:48	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.53	1.44		06/08/18 06:48	95-47-6	
Tentatively Identified Compounds									
Unknown	288J	ppbv			1.44		06/08/18 06:48		
Methane, bromochloro-	38.5J	ppbv			1.44		06/08/18 06:48	74-97-5	N
1-Butanol	6.5J	ppbv			1.44		06/08/18 06:48	71-36-3	N
2-Pentanol, 4-methyl-	4.9J	ppbv			1.44		06/08/18 06:48	108-11-2	N
1-Pentanol	2.0J	ppbv			1.44		06/08/18 06:48	71-41-0	N
Cyclotrisiloxane, hexame	7.2J	ppbv			1.44		06/08/18 06:48	541-05-9	N
2-Heptanone, 6-methyl-	0.19J	ppbv			1.44		06/08/18 06:48	928-68-7	N
Cyclotetrasiloxane, oct	1.4J	ppbv			1.44		06/08/18 06:48	556-67-2	N
1-Hexanol, 2-ethyl-	0.69J	ppbv			1.44		06/08/18 06:48	104-76-7	N
Unknown	2.2J	ppbv			1.44		06/08/18 06:48		

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ANALYTICAL RESULTS

Project: B1804903 Smith's Union 76 Stn
 Pace Project No.: 10434132

Sample: SS-03 Lab ID: 10434132003 Collected: 06/04/18 17:10 Received: 06/05/18 20:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)									
Analytical Method: TO-15									
Acetone	1430	ug/m3	3.6	2.2	1.49		06/08/18 07:21	67-64-1	E
Benzene	2.2	ug/m3	0.48	0.22	1.49		06/08/18 07:21	71-43-2	
Benzyl chloride	ND	ug/m3	1.6	0.35	1.49		06/08/18 07:21	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	0.53	1.49		06/08/18 07:21	75-27-4	
Bromoform	ND	ug/m3	3.1	1.0	1.49		06/08/18 07:21	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.31	1.49		06/08/18 07:21	74-83-9	
1,3-Butadiene	ND	ug/m3	0.67	0.31	1.49		06/08/18 07:21	106-99-0	
2-Butanone (MEK)	58.7	ug/m3	4.5	0.30	1.49		06/08/18 07:21	78-93-3	
Carbon disulfide	ND	ug/m3	0.94	0.27	1.49		06/08/18 07:21	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.95	0.47	1.49		06/08/18 07:21	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	0.27	1.49		06/08/18 07:21	108-90-7	
Chloroethane	ND	ug/m3	0.80	0.30	1.49		06/08/18 07:21	75-00-3	
Chloroform	ND	ug/m3	0.74	0.34	1.49		06/08/18 07:21	67-66-3	
Chloromethane	ND	ug/m3	0.63	0.20	1.49		06/08/18 07:21	74-87-3	
Cyclohexane	ND	ug/m3	1.0	0.34	1.49		06/08/18 07:21	110-82-7	
Dibromochloromethane	ND	ug/m3	2.6	0.66	1.49		06/08/18 07:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.3	0.50	1.49		06/08/18 07:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.49	1.49		06/08/18 07:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.69	1.49		06/08/18 07:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	0.33	1.49		06/08/18 07:21	106-46-7	
Dichlorodifluoromethane	26.6	ug/m3	1.5	0.62	1.49		06/08/18 07:21	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.32	1.49		06/08/18 07:21	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.61	0.30	1.49		06/08/18 07:21	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.35	1.49		06/08/18 07:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.51	1.49		06/08/18 07:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.44	1.49		06/08/18 07:21	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.46	1.49		06/08/18 07:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.4	0.37	1.49		06/08/18 07:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.4	0.63	1.49		06/08/18 07:21	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.1	0.66	1.49		06/08/18 07:21	76-14-2	
Ethanol	281	ug/m3	1.4	0.69	1.49		06/08/18 07:21	64-17-5	
Ethyl acetate	3.1	ug/m3	1.1	0.29	1.49		06/08/18 07:21	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.25	1.49		06/08/18 07:21	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.5	0.32	1.49		06/08/18 07:21	622-96-8	
n-Heptane	5.2	ug/m3	1.2	0.31	1.49		06/08/18 07:21	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.3	1.49		06/08/18 07:21	87-68-3	
n-Hexane	ND	ug/m3	1.1	0.50	1.49		06/08/18 07:21	110-54-3	
2-Hexanone	11.0	ug/m3	6.2	0.91	1.49		06/08/18 07:21	591-78-6	
Methylene Chloride	ND	ug/m3	5.3	2.3	1.49		06/08/18 07:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	10.7	ug/m3	6.2	0.53	1.49		06/08/18 07:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.5	0.99	1.49		06/08/18 07:21	1634-04-4	
Naphthalene	8.3	ug/m3	4.0	0.89	1.49		06/08/18 07:21	91-20-3	
2-Propanol	121	ug/m3	3.7	1.9	1.49		06/08/18 07:21	67-63-0	
Propylene	2.7	ug/m3	0.52	0.23	1.49		06/08/18 07:21	115-07-1	
Styrene	ND	ug/m3	1.3	0.25	1.49		06/08/18 07:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	0.43	1.49		06/08/18 07:21	79-34-5	

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ANALYTICAL RESULTS

Project: B1804903 Smith's Union 76 Stn
 Pace Project No.: 10434132

Sample: SS-03 Lab ID: 10434132003 Collected: 06/04/18 17:10 Received: 06/05/18 20:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)		Analytical Method: TO-15							
Tetrachloroethene	6.6	ug/m3	1.0	0.43	1.49		06/08/18 07:21	127-18-4	
Tetrahydrofuran	9.3	ug/m3	0.89	0.41	1.49		06/08/18 07:21	109-99-9	
Toluene	2.1	ug/m3	1.1	0.24	1.49		06/08/18 07:21	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	5.6	1.4	1.49		06/08/18 07:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.7	0.51	1.49		06/08/18 07:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.83	0.34	1.49		06/08/18 07:21	79-00-5	
Trichloroethene	ND	ug/m3	0.81	0.40	1.49		06/08/18 07:21	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.7	0.62	1.49		06/08/18 07:21	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	0.55	1.49		06/08/18 07:21	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.26	1.49		06/08/18 07:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.61	1.49		06/08/18 07:21	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.25	1.49		06/08/18 07:21	108-05-4	
Vinyl chloride	ND	ug/m3	0.39	0.19	1.49		06/08/18 07:21	75-01-4	
m&p-Xylene	ND	ug/m3	2.6	0.52	1.49		06/08/18 07:21	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.55	1.49		06/08/18 07:21	95-47-6	
Tentatively Identified Compounds									
Unknown	113J	ppbv			1.49		06/08/18 07:21		
Methane, bromochloro-	44.0J	ppbv			1.49		06/08/18 07:21	74-97-5	N
Unknown	4.4J	ppbv			1.49		06/08/18 07:21		
Undecane	1.5J	ppbv			1.49		06/08/18 07:21	1120-21-4	N
Unknown	1.5J	ppbv			1.49		06/08/18 07:21		
Dodecane	10.4J	ppbv			1.49		06/08/18 07:21	112-40-3	N
Undecane, 3,6-dimethyl-	8.4J	ppbv			1.49		06/08/18 07:21	17301-28-9	N
Nonane, 2,6-dimethyl-	7.7J	ppbv			1.49		06/08/18 07:21	17302-28-2	N
Tridecane	8.6J	ppbv			1.49		06/08/18 07:21	629-50-5	N
Unknown	3.3J	ppbv			1.49		06/08/18 07:21		

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ANALYTICAL RESULTS

Project: B1804903 Smith's Union 76 Stn

Pace Project No.: 10434132

Sample: SS-04 (Daycare) Lab ID: 10434132004 Collected: 06/04/18 19:05 Received: 06/05/18 20:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)									
Analytical Method: TO-15									
Acetone	52.4	ug/m3	3.7	2.3	1.52		06/08/18 07:53	67-64-1	
Benzene	0.74	ug/m3	0.49	0.23	1.52		06/08/18 07:53	71-43-2	
Benzyl chloride	ND	ug/m3	1.6	0.36	1.52		06/08/18 07:53	100-44-7	
Bromodichloromethane	ND	ug/m3	2.1	0.54	1.52		06/08/18 07:53	75-27-4	
Bromoform	ND	ug/m3	3.2	1.1	1.52		06/08/18 07:53	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.32	1.52		06/08/18 07:53	74-83-9	
1,3-Butadiene	ND	ug/m3	0.68	0.31	1.52		06/08/18 07:53	106-99-0	
2-Butanone (MEK)	6.0	ug/m3	4.6	0.31	1.52		06/08/18 07:53	78-93-3	
Carbon disulfide	ND	ug/m3	0.96	0.27	1.52		06/08/18 07:53	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.97	0.48	1.52		06/08/18 07:53	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	0.27	1.52		06/08/18 07:53	108-90-7	
Chloroethane	ND	ug/m3	0.81	0.31	1.52		06/08/18 07:53	75-00-3	
Chloroform	ND	ug/m3	0.75	0.35	1.52		06/08/18 07:53	67-66-3	
Chloromethane	ND	ug/m3	0.64	0.20	1.52		06/08/18 07:53	74-87-3	
Cyclohexane	ND	ug/m3	1.1	0.35	1.52		06/08/18 07:53	110-82-7	
Dibromochloromethane	ND	ug/m3	2.6	0.67	1.52		06/08/18 07:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.4	0.51	1.52		06/08/18 07:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	0.50	1.52		06/08/18 07:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	0.71	1.52		06/08/18 07:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.9	0.33	1.52		06/08/18 07:53	106-46-7	
Dichlorodifluoromethane	4.5	ug/m3	1.5	0.63	1.52		06/08/18 07:53	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.3	0.32	1.52		06/08/18 07:53	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.62	0.30	1.52		06/08/18 07:53	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.36	1.52		06/08/18 07:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.52	1.52		06/08/18 07:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.45	1.52		06/08/18 07:53	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	0.47	1.52		06/08/18 07:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.4	0.37	1.52		06/08/18 07:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.4	0.64	1.52		06/08/18 07:53	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	0.67	1.52		06/08/18 07:53	76-14-2	
Ethanol	60.7	ug/m3	1.5	0.71	1.52		06/08/18 07:53	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.30	1.52		06/08/18 07:53	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.26	1.52		06/08/18 07:53	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.5	0.33	1.52		06/08/18 07:53	622-96-8	
n-Heptane	ND	ug/m3	1.3	0.32	1.52		06/08/18 07:53	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.3	1.3	1.52		06/08/18 07:53	87-68-3	
n-Hexane	ND	ug/m3	1.1	0.51	1.52		06/08/18 07:53	110-54-3	
2-Hexanone	ND	ug/m3	6.3	0.93	1.52		06/08/18 07:53	591-78-6	
Methylene Chloride	ND	ug/m3	5.4	2.3	1.52		06/08/18 07:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.3	0.54	1.52		06/08/18 07:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.6	1.0	1.52		06/08/18 07:53	1634-04-4	
Naphthalene	ND	ug/m3	4.0	0.91	1.52		06/08/18 07:53	91-20-3	
2-Propanol	4.5	ug/m3	3.8	1.9	1.52		06/08/18 07:53	67-63-0	
Propylene	ND	ug/m3	0.53	0.24	1.52		06/08/18 07:53	115-07-1	
Styrene	ND	ug/m3	1.3	0.25	1.52		06/08/18 07:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.1	0.44	1.52		06/08/18 07:53	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: B1804903 Smith's Union 76 Stn
 Pace Project No.: 10434132

Sample: SS-04 (Daycare) Lab ID: 10434132004 Collected: 06/04/18 19:05 Received: 06/05/18 20:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)		Analytical Method: TO-15							
Tetrachloroethene	1.9	ug/m3	1.0	0.44	1.52		06/08/18 07:53	127-18-4	
Tetrahydrofuran	7.2	ug/m3	0.91	0.42	1.52		06/08/18 07:53	109-99-9	
Toluene	ND	ug/m3	1.2	0.24	1.52		06/08/18 07:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	5.7	1.5	1.52		06/08/18 07:53	120-82-1	
1,1,1-Trichloroethane	20.6	ug/m3	1.7	0.52	1.52		06/08/18 07:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.84	0.34	1.52		06/08/18 07:53	79-00-5	
Trichloroethene	ND	ug/m3	0.83	0.41	1.52		06/08/18 07:53	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.7	0.64	1.52		06/08/18 07:53	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	0.56	1.52		06/08/18 07:53	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.26	1.52		06/08/18 07:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.63	1.52		06/08/18 07:53	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.25	1.52		06/08/18 07:53	108-05-4	
Vinyl chloride	ND	ug/m3	0.40	0.19	1.52		06/08/18 07:53	75-01-4	
m&p-Xylene	ND	ug/m3	2.7	0.53	1.52		06/08/18 07:53	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.56	1.52		06/08/18 07:53	95-47-6	
Tentatively Identified Compounds									
Unknown	17.0J	ppbv			1.52		06/08/18 07:53		
Ethane, 1-chloro-1,1-dif	0.012J	ppbv			1.52		06/08/18 07:53	75-68-3	N
Acetaldehyde	0.018J	ppbv			1.52		06/08/18 07:53	75-07-0	N
Methane, bromochloro-	30.8J	ppbv			1.52		06/08/18 07:53	74-97-5	N
Unknown	0.39J	ppbv			1.52		06/08/18 07:53		
Cyclotrisiloxane, hexame	4.5J	ppbv			1.52		06/08/18 07:53	541-05-9	N
Unknown	0.16J	ppbv			1.52		06/08/18 07:53		
Unknown	1.3J	ppbv			1.52		06/08/18 07:53		
Unknown	10.3J	ppbv			1.52		06/08/18 07:53		
Butanamide, 2,2,3,3,4,4	4.3J	ppbv			1.52		06/08/18 07:53	55471-01-7	N

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QUALITY CONTROL DATA

Project: B1804903 Smith's Union 76 Stn

Pace Project No.: 10434132

QC Batch: 543271 Analysis Method: TO-15
 QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
 Associated Lab Samples: 10434132001, 10434132002, 10434132003, 10434132004

METHOD BLANK: 2953706 Matrix: Air
 Associated Lab Samples: 10434132001, 10434132002, 10434132003, 10434132004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	06/07/18 14:28	
1,1,1,2-Tetrachloroethane	ug/m3	ND	0.70	06/07/18 14:28	
1,1,2-Trichloroethane	ug/m3	ND	0.56	06/07/18 14:28	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	06/07/18 14:28	
1,1-Dichloroethane	ug/m3	ND	0.82	06/07/18 14:28	
1,1-Dichloroethene	ug/m3	ND	0.81	06/07/18 14:28	
1,2,4-Trichlorobenzene	ug/m3	ND	3.8	06/07/18 14:28	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	06/07/18 14:28	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	06/07/18 14:28	
1,2-Dichlorobenzene	ug/m3	ND	1.2	06/07/18 14:28	
1,2-Dichloroethane	ug/m3	ND	0.41	06/07/18 14:28	
1,2-Dichloropropane	ug/m3	ND	0.94	06/07/18 14:28	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	06/07/18 14:28	
1,3-Butadiene	ug/m3	ND	0.45	06/07/18 14:28	
1,3-Dichlorobenzene	ug/m3	ND	1.2	06/07/18 14:28	
1,4-Dichlorobenzene	ug/m3	ND	1.2	06/07/18 14:28	
2-Butanone (MEK)	ug/m3	ND	3.0	06/07/18 14:28	
2-Hexanone	ug/m3	ND	4.2	06/07/18 14:28	
2-Propanol	ug/m3	ND	2.5	06/07/18 14:28	
4-Ethyltoluene	ug/m3	ND	1.0	06/07/18 14:28	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	06/07/18 14:28	
Acetone	ug/m3	ND	2.4	06/07/18 14:28	
Benzene	ug/m3	ND	0.32	06/07/18 14:28	
Benzyl chloride	ug/m3	ND	1.0	06/07/18 14:28	
Bromodichloromethane	ug/m3	ND	1.4	06/07/18 14:28	
Bromoform	ug/m3	ND	2.1	06/07/18 14:28	
Bromomethane	ug/m3	ND	0.79	06/07/18 14:28	
Carbon disulfide	ug/m3	ND	0.63	06/07/18 14:28	
Carbon tetrachloride	ug/m3	ND	0.64	06/07/18 14:28	
Chlorobenzene	ug/m3	ND	0.94	06/07/18 14:28	
Chloroethane	ug/m3	ND	0.54	06/07/18 14:28	
Chloroform	ug/m3	ND	0.50	06/07/18 14:28	
Chloromethane	ug/m3	ND	0.42	06/07/18 14:28	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	06/07/18 14:28	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	06/07/18 14:28	
Cyclohexane	ug/m3	ND	0.70	06/07/18 14:28	
Dibromochloromethane	ug/m3	ND	1.7	06/07/18 14:28	
Dichlorodifluoromethane	ug/m3	ND	1.0	06/07/18 14:28	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	06/07/18 14:28	
Ethanol	ug/m3	ND	0.96	06/07/18 14:28	
Ethyl acetate	ug/m3	ND	0.73	06/07/18 14:28	

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QUALITY CONTROL DATA

Project: B1804903 Smith's Union 76 Stn

Pace Project No.: 10434132

METHOD BLANK: 2953706

Matrix: Air

Associated Lab Samples: 10434132001, 10434132002, 10434132003, 10434132004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.88	06/07/18 14:28	
Hexachloro-1,3-butadiene	ug/m3	ND	2.2	06/07/18 14:28	
m&p-Xylene	ug/m3	ND	1.8	06/07/18 14:28	
Methyl-tert-butyl ether	ug/m3	ND	3.7	06/07/18 14:28	
Methylene Chloride	ug/m3	ND	3.5	06/07/18 14:28	
n-Heptane	ug/m3	ND	0.83	06/07/18 14:28	
n-Hexane	ug/m3	ND	0.72	06/07/18 14:28	
Naphthalene	ug/m3	ND	2.7	06/07/18 14:28	
o-Xylene	ug/m3	ND	0.88	06/07/18 14:28	
Propylene	ug/m3	ND	0.35	06/07/18 14:28	
Styrene	ug/m3	ND	0.87	06/07/18 14:28	
Tetrachloroethene	ug/m3	ND	0.69	06/07/18 14:28	
Tetrahydrofuran	ug/m3	ND	0.60	06/07/18 14:28	
Toluene	ug/m3	ND	0.77	06/07/18 14:28	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	06/07/18 14:28	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	06/07/18 14:28	
Trichloroethene	ug/m3	ND	0.55	06/07/18 14:28	
Trichlorofluoromethane	ug/m3	ND	1.1	06/07/18 14:28	
Vinyl acetate	ug/m3	ND	0.72	06/07/18 14:28	
Vinyl chloride	ug/m3	ND	0.26	06/07/18 14:28	

LABORATORY CONTROL SAMPLE: 2953707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	55.2	93	70-135	
1,1,2,2-Tetrachloroethane	ug/m3	76.1	78.8	104	70-146	
1,1,2-Trichloroethane	ug/m3	61	62.6	103	70-135	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.2	67.1	84	63-139	
1,1-Dichloroethane	ug/m3	43.6	42.4	97	70-134	
1,1-Dichloroethene	ug/m3	39.9	35.7	89	70-137	
1,2,4-Trichlorobenzene	ug/m3	81.5	83.4	102	60-133	
1,2,4-Trimethylbenzene	ug/m3	53.5	60.7	114	70-137	
1,2-Dibromoethane (EDB)	ug/m3	85.1	90.7	107	70-140	
1,2-Dichlorobenzene	ug/m3	66	68.2	103	70-137	
1,2-Dichloroethane	ug/m3	44	41.4	94	70-136	
1,2-Dichloropropane	ug/m3	51.2	49.5	97	70-136	
1,3,5-Trimethylbenzene	ug/m3	53.5	53.9	101	70-133	
1,3-Butadiene	ug/m3	22.9	23.6	103	64-141	
1,3-Dichlorobenzene	ug/m3	63.6	72.8	114	70-137	
1,4-Dichlorobenzene	ug/m3	66	67.9	103	70-134	
2-Butanone (MEK)	ug/m3	33	38.2	116	65-143	
2-Hexanone	ug/m3	45.8	44.1	96	60-148	
2-Propanol	ug/m3	26.7	23.7	89	65-135	
4-Ethyltoluene	ug/m3	54	55.4	103	70-132	

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QUALITY CONTROL DATA

Project: B1804903 Smith's Union 76 Strn
 Pace Project No.: 10434132

LABORATORY CONTROL SAMPLE: 2953707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	45.8	43.4	95	70-135	
Acetone	ug/m3	25.8	20.6	80	59-132	
Benzene	ug/m3	35.1	34.1	97	70-134	
Benzyl chloride	ug/m3	54.7	58.5	107	56-150	
Bromodichloromethane	ug/m3	72.9	74.3	102	70-142	
Bromoform	ug/m3	111	138	125	69-150	
Bromomethane	ug/m3	40.3	39.0	97	61-141	
Carbon disulfide	ug/m3	33.2	24.1	72	66-134	
Carbon tetrachloride	ug/m3	65.2	63.4	97	60-145	
Chlorobenzene	ug/m3	51.5	48.7	95	70-130	
Chloroethane	ug/m3	26.6	28.5	107	65-143	
Chloroform	ug/m3	50.6	47.9	95	70-132	
Chloromethane	ug/m3	22.9	19.0	83	58-140	
cis-1,2-Dichloroethene	ug/m3	42.7	43.5	102	70-136	
cis-1,3-Dichloropropene	ug/m3	50.7	58.7	116	70-136	
Cyclohexane	ug/m3	35	41.9	120	70-133	
Dibromochloromethane	ug/m3	90.9	108	118	68-149	
Dichlorodifluoromethane	ug/m3	53.8	48.2	90	69-130	
Dichlorotetrafluoroethane	ug/m3	75.3	64.4	85	68-130	
Ethanol	ug/m3	20.3	18.7	92	65-146	
Ethyl acetate	ug/m3	37.4	34.6	93	68-136	
Ethylbenzene	ug/m3	47.7	46.5	98	70-133	
Hexachloro-1,3-butadiene	ug/m3	119	111	93	59-140	
m&p-Xylene	ug/m3	92.7	93.0	100	70-133	
Methyl-tert-butyl ether	ug/m3	38.5	40.2	105	70-132	
Methylene Chloride	ug/m3	38.8	34.3	88	67-132	
n-Heptane	ug/m3	45.8	42.2	92	64-136	
n-Hexane	ug/m3	35.8	37.3	104	70-130	
Naphthalene	ug/m3	58.6	63.0	108	55-136	
o-Xylene	ug/m3	48.1	47.0	98	70-132	
Propylene	ug/m3	18.9	20.3	107	37-150	
Styrene	ug/m3	47.2	46.1	98	70-139	
Tetrachloroethene	ug/m3	73.8	73.4	100	70-133	
Tetrahydrofuran	ug/m3	32.1	37.3	116	62-141	
Toluene	ug/m3	41.4	45.3	110	70-130	
trans-1,2-Dichloroethene	ug/m3	36.3	38.3	106	70-132	
trans-1,3-Dichloropropene	ug/m3	47.5	48.4	102	70-135	
Trichloroethene	ug/m3	58.4	59.3	101	70-135	
Trichlorofluoromethane	ug/m3	60.5	53.5	88	59-140	
Vinyl acetate	ug/m3	36.9	36.4	99	57-150	
Vinyl chloride	ug/m3	25.7	25.4	99	70-141	

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QUALIFIERS

Project: B1804903 Smith's Union 76 Stn
Pace Project No.: 10434132

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above LOD.
J - Estimated concentration at or above the LOD and below the LOQ.
LOD - Limit of Detection adjusted for dilution factor and percent moisture.
LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.
N The reported TIC has an 85% or higher match on a mass spectral library search.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: B1804903 Smith's Union 76 Stn

Pace Project No.: 10434132

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10434132001	SS-01	TO-15	543271		
10434132002	SS-02	TO-15	543271		
10434132003	SS-03	TO-15	543271		
10434132004	SS-04 (Daycare)	TO-15	543271		

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AIR: CHAIN-OF-CUSTODY /
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant

WO#: 10434132



Section A Required Client Information: Section B Required Project Information: Section C Invoice Information: 32174 Page: 1 of 1

Company: Braun Intertec	Report To: Nick Stingsl	Attention: Braun Intertec
Address: 2509 Palace Street Ladoc, WI 54603	Copy To:	Company Name:
Email: nstingsl@braunintertec.com	Purchase Order No.:	Address:
Phone: 608-781-7277	Project Name: Union 76 Station (Former)	Pace Quote Reference:
Requested Due Date/TAT: STD	Project Number: 31804903	Pace Project Manager/Sales Rep:
		Pace Profile #: 35786

Program

UST Superfund Emissions Clean Air Act

Voluntary Clean Up Dry Clean RCRA Other

Location of Sampling by State: **WI**

Reporting Units: ug/m³ mg/m³
 PPBV PPMV

Report Level: II ___ III ___ IV ___ Other ___

ITEM #	Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Sunma Can 1LC 8 Liter Sunma Can 8LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - In Hg)	Canister Pressure (Final Field - In Hg)	Summa Can Number	Flow Control Number	Method:							Pace Lab ID
					COMPOSITE START		COMPOSITE END/GRAB						PM10	3C - Fixed Gas (%)	TO-3 BTX	TO-14 (Methane)	TO-15 Full List VOCs	TO-15 Short List BTX	TO-15 Short List Chlorinated	
					DATE	TIME	DATE	TIME												
1	SS-01			0.12	6/4/18	15:30	14:15	29	-1	365	1706							X	001	
2	SS-02			0.4	6/4/18	17:05	17:50	29.5	-3	585	1192							X	002	
3	SS-03			2.7	6/4/18	16:30	17:10	29.5	-3	769	997							X	003	
4	SS-04 (Daycare)			0.3	6/4/18	18:25	19:05	29.5	-4	503	1190							X	004	

Comments:	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS				
TO-15 Short List: PvOC and Naphtalene	<i>[Signature]</i>	6/5	13:36	<i>[Signature]</i>	6/5	13:36	N/A	Y/N	Y/N	Y/N	Y/N
				<i>[Signature]</i>	6-5-18	2000	-	Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **Samantha Schmidt**

SIGNATURE OF SAMPLER: *[Signature]* DATE Signed (MM/DD/YY): **6/4/18**

Temp in °C: _____

Received on Ice:

Custody Sealed Cooler:

Samples Intact:

ORIGINAL

Air Sample Condition Upon Receipt	Client Name: <u>Braun Interotec</u>	Project #: WO#: 10434132
	Courier: <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Speedee <input type="checkbox"/> Client <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Pace <input type="checkbox"/> Other: _____	PM: BM2 Due Date: 06/13/18 CLIENT: Braun-BLM
Tracking Number: _____		

Custody Seal on Cooler/Box Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Seals Intact? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Optional: Proj. Due Date: _____ Proj. Name: _____
Packing Material: <input type="checkbox"/> Bubble Wrap <input type="checkbox"/> Bubble Bags <input checked="" type="checkbox"/> Foam <input type="checkbox"/> None <input type="checkbox"/> Tin Can <input type="checkbox"/> Other: _____	Temp Blank rec: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temp. (TO17 and TO13 samples only) (°C): <u>X</u> Corrected Temp (°C): <u>X</u>	Thermom. Used: <input type="checkbox"/> G87A9170600254 <input type="checkbox"/> G87A9155100842	Date & Initials of Person Examining Contents: <u>6-6-18 MA</u>
Temp should be above freezing to 6°C Correction Factor: <u>X</u>	Type of ice Received <input type="checkbox"/> Blue <input type="checkbox"/> Wet <input checked="" type="checkbox"/> None	

Comments:		
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans Y <u>N</u> (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.

Samples Received:					Pressure Gauge # 10AIR26				
Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SS-01			-1	+5					
-02			-2	"					
-03			-3	"					
-04			-3.5	"					

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Field Data Required? Yes No

Project Manager Review: BA M Date: 6/6/18

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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 09-Jul-18

Project Name SMITH'S UNION 76 STATION
Project #

Invoice # E34836

Lab Code 5034836A
Sample ID PW 9182
Sample Matrix Water
Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/26/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/26/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/26/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/26/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/26/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/26/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/26/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/26/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/26/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/26/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		6/26/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/26/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/26/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/26/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/26/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/26/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/26/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/26/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/26/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/26/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/26/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/26/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/26/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/26/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/26/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/26/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/26/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/26/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/26/2018	CJR	1

Project

Lab Code 5034836A

Sample ID PW 9182

Sample Matrix Water

Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/26/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/26/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/26/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/26/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/26/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/26/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/26/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/26/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/26/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/26/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/26/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/26/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		6/26/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/26/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/26/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/26/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/26/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/26/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		6/26/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/26/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/26/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		6/26/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/26/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/26/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/26/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	107	REC %			1	8260B		6/26/2018	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B		6/26/2018	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B		6/26/2018	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/26/2018	CJR	1

Lab Code 5034836B
 Sample ID PW 11427
 Sample Matrix Water
 Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/26/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/26/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/26/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/26/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/26/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/26/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/26/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/26/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/26/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/26/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		6/26/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/26/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/26/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/26/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/26/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/26/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/26/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/26/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/26/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/26/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/26/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/26/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/26/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/26/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/26/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/26/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/26/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/26/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/26/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/26/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/26/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/26/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/26/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/26/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/26/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/26/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/26/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/26/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/26/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/26/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/26/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		6/26/2018	CJR	1
Toluene	0.82	ug/l	0.19	0.6	1	8260B		6/26/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/26/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/26/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/26/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/26/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		6/26/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/26/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/26/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
Project #

Invoice # E34836

Lab Code 5034836B
Sample ID PW 11427
Sample Matrix Water
Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63		2 1	8260B		6/26/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/26/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/26/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/26/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	107	REC %			1	8260B		6/26/2018	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		6/26/2018	CJR	1
SUR - Dibromofluoromethane	104	REC %			1	8260B		6/26/2018	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		6/26/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
 Project #

Invoice # E34836

Lab Code 5034836C
 Sample ID PW CTY PARK
 Sample Matrix Water
 Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/27/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/27/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/27/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/27/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/27/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/27/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/27/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/27/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/27/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/27/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		6/27/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/27/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/27/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/27/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/27/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/27/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/27/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/27/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/27/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/27/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/27/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/27/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/27/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/27/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/27/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/27/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/27/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/27/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/27/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/27/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/27/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/27/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/27/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/27/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/27/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/27/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/27/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/27/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/27/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/27/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/27/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		6/27/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/27/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/27/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/27/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/27/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/27/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		6/27/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/27/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/27/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
Project #

Invoice # E34836

Lab Code 5034836C
Sample ID PW CTY PARK
Sample Matrix Water
Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63		2 1	8260B		6/27/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/27/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/27/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/27/2018	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		6/27/2018	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		6/27/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		6/27/2018	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		6/27/2018	CJR	1

Project

Lab Code 5034836D
 Sample ID MW-10
 Sample Matrix Water
 Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B	6/28/2018	6/28/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B	6/28/2018	6/28/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B	6/28/2018	6/28/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B	6/28/2018	6/28/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	6/28/2018	6/28/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B	6/28/2018	6/28/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B	6/28/2018	6/28/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B	6/28/2018	6/28/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B	6/28/2018	6/28/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B	6/28/2018	6/28/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B	6/28/2018	6/28/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B	6/28/2018	6/28/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B	6/28/2018	6/28/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B	6/28/2018	6/28/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B	6/28/2018	6/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B	6/28/2018	6/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B	6/28/2018	6/28/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B	6/28/2018	6/28/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B	6/28/2018	6/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B	6/28/2018	6/28/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B	6/28/2018	6/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B	6/28/2018	6/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B	6/28/2018	6/28/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B	6/28/2018	6/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B	6/28/2018	6/28/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B	6/28/2018	6/28/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B	6/28/2018	6/28/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B	6/28/2018	6/28/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B	6/28/2018	6/28/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B	6/28/2018	6/28/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B	6/28/2018	6/28/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B	6/28/2018	6/28/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B	6/28/2018	6/28/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B	6/28/2018	6/28/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B	6/28/2018	6/28/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B	6/28/2018	6/28/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B	6/28/2018	6/28/2018	CJR	1

Project #

Lab Code 5034836D

Sample ID MW-10

Sample Matrix Water

Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63		2 1	8260B		6/28/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/28/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/28/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	109	REC %			1	8260B		6/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		6/28/2018	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		6/28/2018	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		6/28/2018	CJR	1

Project

Lab Code 5034836E

Sample ID MW-9

Sample Matrix Water

Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B	6/28/2018	6/28/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B	6/28/2018	6/28/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B	6/28/2018	6/28/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B	6/28/2018	6/28/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B	6/28/2018	6/28/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B	6/28/2018	6/28/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B	6/28/2018	6/28/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B	6/28/2018	6/28/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B	6/28/2018	6/28/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B	6/28/2018	6/28/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B	6/28/2018	6/28/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B	6/28/2018	6/28/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B	6/28/2018	6/28/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B	6/28/2018	6/28/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B	6/28/2018	6/28/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B	6/28/2018	6/28/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B	6/28/2018	6/28/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B	6/28/2018	6/28/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B	6/28/2018	6/28/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B	6/28/2018	6/28/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B	6/28/2018	6/28/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B	6/28/2018	6/28/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B	6/28/2018	6/28/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B	6/28/2018	6/28/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B	6/28/2018	6/28/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B	6/28/2018	6/28/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B	6/28/2018	6/28/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B	6/28/2018	6/28/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B	6/28/2018	6/28/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B	6/28/2018	6/28/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B	6/28/2018	6/28/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B	6/28/2018	6/28/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B	6/28/2018	6/28/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B	6/28/2018	6/28/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B	6/28/2018	6/28/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B	6/28/2018	6/28/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B	6/28/2018	6/28/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B	6/28/2018	6/28/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B	6/28/2018	6/28/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
 Project #

Invoice # E34836

Lab Code 5034836E
 Sample ID MW-9
 Sample Matrix Water
 Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63		2 1	8260B		6/28/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/28/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/28/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/28/2018	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		6/28/2018	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		6/28/2018	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/28/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		6/28/2018	CJR	1

Lab Code 5034836F
 Sample ID MW-8
 Sample Matrix Water
 Sample Date 6/20/2018

	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		6/29/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		6/29/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/29/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/29/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/29/2018	CJR	1
1,2,4-Trimethylbenzene	5.2	ug/l	0.73	2.33	1	GRO95/8021		6/29/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		6/29/2018	CJR	1
m&p-Xylene	4.1	ug/l	1	3.17	1	GRO95/8021		6/29/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		6/29/2018	CJR	1

Lab Code 5034836G
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 6/20/2018

	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		6/22/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		6/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/22/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/22/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/22/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		6/22/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		6/22/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		6/22/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		6/22/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
Project #

Invoice # E34836

Lab Code 5034836H
Sample ID MW-3
Sample Matrix Water
Sample Date 6/20/2018

	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		6/23/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		6/23/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/23/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/23/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/23/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		6/23/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		6/23/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		6/23/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		6/23/2018	CJR	1

Lab Code 5034836I
Sample ID MW-5
Sample Matrix Water
Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.61 "J"	ug/l	0.22	0.69	1	GRO95/8021		6/23/2018	CJR	1
Ethylbenzene	0.83 "J"	ug/l	0.53	1.69	1	GRO95/8021		6/23/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/23/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/23/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/23/2018	CJR	1
1,2,4-Trimethylbenzene	2.86	ug/l	0.73	2.33	1	GRO95/8021		6/23/2018	CJR	1
1,3,5-Trimethylbenzene	0.86 "J"	ug/l	0.75	2.39	1	GRO95/8021		6/23/2018	CJR	1
m&p-Xylene	1.54 "J"	ug/l	1	3.17	1	GRO95/8021		6/23/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		6/23/2018	CJR	1

Lab Code 5034836J
Sample ID MW-1
Sample Matrix Water
Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	6.0	ug/l	0.22	0.69	1	GRO95/8021		6/23/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		6/23/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/23/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/23/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/23/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		6/23/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		6/23/2018	CJR	1
m&p-Xylene	1.45 "J"	ug/l	1	3.17	1	GRO95/8021		6/23/2018	CJR	1
o-Xylene	0.74 "J"	ug/l	0.58	1.84	1	GRO95/8021		6/23/2018	CJR	1

Project #

Lab Code 5034836K
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	34	ug/l	2.2	6.9	10	GRO95/8021		6/29/2018	CJR	1
Ethylbenzene	850	ug/l	5.3	16.9	10	GRO95/8021		6/29/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 5.7	ug/l	5.7	18.2	10	GRO95/8021		6/29/2018	CJR	1
Naphthalene	340	ug/l	17	53.8	10	GRO95/8021		6/29/2018	CJR	1
Toluene	23	ug/l	4.5	14.5	10	GRO95/8021		6/29/2018	CJR	1
1,2,4-Trimethylbenzene	2340	ug/l	7.3	23.3	10	GRO95/8021		6/29/2018	CJR	1
1,3,5-Trimethylbenzene	700	ug/l	7.5	23.9	10	GRO95/8021		6/29/2018	CJR	1
m&p-Xylene	3800	ug/l	10	31.7	10	GRO95/8021		6/29/2018	CJR	1
o-Xylene	1490	ug/l	5.8	18.4	10	GRO95/8021		6/29/2018	CJR	1

Lab Code 5034836L
 Sample ID MW-7
 Sample Matrix Water
 Sample Date 6/20/2018

	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		7/5/2018	CJR	24
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		7/5/2018	CJR	24
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		7/5/2018	CJR	24
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		7/5/2018	CJR	24
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		7/5/2018	CJR	24
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		7/5/2018	CJR	24
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		7/5/2018	CJR	24
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		7/5/2018	CJR	24
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		7/5/2018	CJR	24

Lab Code 5034836M
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1190	ug/l	2.2	6.9	10	GRO95/8021		6/29/2018	CJR	1
Ethylbenzene	3860	ug/l	5.3	16.9	10	GRO95/8021		6/29/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 5.7	ug/l	5.7	18.2	10	GRO95/8021		6/29/2018	CJR	1
Naphthalene	650	ug/l	17	53.8	10	GRO95/8021		6/29/2018	CJR	3
Toluene	10400	ug/l	45	145	100	GRO95/8021		6/29/2018	CJR	24
1,2,4-Trimethylbenzene	3940	ug/l	7.3	23.3	10	GRO95/8021		6/29/2018	CJR	3
1,3,5-Trimethylbenzene	1100	ug/l	7.5	23.9	10	GRO95/8021		6/29/2018	CJR	3
m&p-Xylene	19900	ug/l	100	317	100	GRO95/8021		6/29/2018	CJR	24
o-Xylene	5040	ug/l	5.8	18.4	10	GRO95/8021		6/29/2018	CJR	3

Project Name SMITH'S UNION 76 STATION
 Project #

Invoice # E34836

Lab Code 5034836N
 Sample ID TB
 Sample Matrix Water
 Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		6/27/2018	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		6/27/2018	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		6/27/2018	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		6/27/2018	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		6/27/2018	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		6/27/2018	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		6/27/2018	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		6/27/2018	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/27/2018	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		6/27/2018	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		6/27/2018	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		6/27/2018	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		6/27/2018	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		6/27/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		6/27/2018	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		6/27/2018	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		6/27/2018	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		6/27/2018	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		6/27/2018	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		6/27/2018	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		6/27/2018	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		6/27/2018	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		6/27/2018	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		6/27/2018	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		6/27/2018	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		6/27/2018	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		6/27/2018	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		6/27/2018	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		6/27/2018	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		6/27/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/27/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		6/27/2018	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		6/27/2018	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		6/27/2018	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		6/27/2018	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		6/27/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		6/27/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		6/27/2018	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		6/27/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		6/27/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		6/27/2018	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		6/27/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		6/27/2018	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		6/27/2018	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		6/27/2018	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		6/27/2018	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		6/27/2018	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		6/27/2018	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		6/27/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		6/27/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
 Project #

Invoice # E34836

Lab Code 5034836N
 Sample ID TB
 Sample Matrix Water
 Sample Date 6/20/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63		2	1 8260B		6/27/2018	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		6/27/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		6/27/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		6/27/2018	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/27/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %				1 8260B		6/27/2018	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %				1 8260B		6/27/2018	CJR	1
SUR - Dibromofluoromethane	99	REC %				1 8260B		6/27/2018	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.
3	The matrix spike not within established limits.
24	Sample not analyzed within method specified hold time.

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

Account No.:	Quote No.:
Project #:	
Sampler: (signature) <i>Tyler Woodke</i>	

Project (Name / Location): <i>Smith's Union 76 Station / Salon Springs, WI</i>	
Reports To: <i>Adam Bachand</i>	Invoice To: <i>Adam Bachand</i>
Company:	Company: <i>910 METCO</i>
Address: <i>1406 Belknap St.</i>	Address: <i>709 Gillett Street Ste 3</i>
City State Zip: <i>Supertor, WI 54880</i>	City State Zip: <i>La Crosse, WI 54603</i>
Phone:	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 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID

Lab ID	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<i>6054836 A</i>	<i>PW 9192</i>	<i>6/20/18</i>	<i>D30</i>			<i>N</i>	<i>3</i>	<i>3</i>	<i>HCl</i>
<i>B</i>	<i>PW 11427</i>		<i>1200</i>						
<i>C</i>	<i>DW City Park</i>		<i>180</i>						
<i>D</i>	<i>MW-10</i>		<i>140</i>						
<i>E</i>	<i>MW-9</i>		<i>205</i>						
<i>F</i>	<i>MW-8</i>		<i>230</i>						
<i>G</i>	<i>MW-4</i>		<i>255</i>						
<i>H</i>	<i>MW-3</i>		<i>320</i>						
<i>I</i>	<i>MW-5</i>		<i>345</i>						
<i>J</i>	<i>MW-1</i>		<i>405</i>						

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

Lab to send reports to METCO/Jason P. (Invoice to METCO)
 * U+C Rates Apply
 * Agent Status

Sample Integrity: To be completed by receiving lab.	Relinquished By: (sign) <i>Tyler Woodke</i>	Time <i>10:00 AM</i>	Date <i>6/21/18</i>	Received By: (sign)	Time	Date
	Method of shipment: <i>GC</i>					
Temp of Temp Blank: <i>IC Office</i>						
Cooler seal intact upon receipt: <i>X</i> Yes <i>No</i>	Received in Laboratory By: <i>[Signature]</i>	Time: <i>8:00</i>	Date: <i>6/22/18</i>			

CHAIN OF STUDY RECORD

Synergy

Environmental Lab, Inc.

Chain # No 3673

Page 2 of 2

Account No.:	Quote No.:
Project #:	
Sampler: (signature) <i>Tylan Woodke</i>	

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)	
<input checked="" type="checkbox"/> Normal Turn Around	

Project (Name / Location): *Smith's Union 76 Station / Solon Springs, WI*

Reports To: _____ Invoice To: _____

Company: _____ Company: _____

Address: *see page 1* Address: *see page 1*

City State Zip: _____ City State Zip: _____

Phone: _____ 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 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
								X							
								X							
								X				X			

Lab ID	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
S03 R3166	MW-2	6/20/19	430			N	3	GW	HCl
	MW-7		455			↓	↓	↓	
	MW-6		SLS			↓	↓	↓	
	TB						1		

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

See Page 1

Sample Integrity - To be completed by receiving lab. Manufacturer: _____ Type of Tarp: Plastic <input checked="" type="checkbox"/> or Ice <input type="checkbox"/> Cooler seal: Macrolon <input checked="" type="checkbox"/> or No <input type="checkbox"/>	Relinquished By: (sign) <i>Tylan Woodke</i>	Time <i>10:00am</i>	Date <i>6/21/19</i>	Received By: (sign) _____	Time _____	Date _____
	Received in Laboratory By: <i>[Signature]</i>			Time <i>1:00</i>		Date: <i>6/22/19</i>

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 13-Sep-18

Project Name SMITH'S UNION 76 STATION
Project #

Invoice # E35181

Lab Code 5035181A
Sample ID MW-10
Sample Matrix Water
Sample Date 9/4/2018

	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		9/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		9/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		9/11/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		9/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/11/2018	CJR	1

Lab Code 5035181B
Sample ID MW-9
Sample Matrix Water
Sample Date 9/4/2018

	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		9/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		9/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		9/11/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		9/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/11/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
Project #

Invoice # E35181

Lab Code 5035181C
Sample ID MW-4
Sample Matrix Water
Sample Date 9/4/2018

	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		9/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		9/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		9/11/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		9/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/11/2018	CJR	1

Lab Code 5035181D
Sample ID MW-3
Sample Matrix Water
Sample Date 9/4/2018

	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		9/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		9/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		9/11/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		9/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/11/2018	CJR	1

Lab Code 5035181E
Sample ID MW-7
Sample Matrix Water
Sample Date 9/4/2018

	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		9/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		9/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		9/11/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		9/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/11/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
Project #

Invoice # E35181

Lab Code 5035181F
Sample ID MW-5
Sample Matrix Water
Sample Date 9/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	2.11	ug/l	0.22	0.69	1	GRO95/8021		9/11/2018	CJR	1
Ethylbenzene	17.7	ug/l	0.53	1.69	1	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		9/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		9/11/2018	CJR	1
Toluene	1.94	ug/l	0.45	1.45	1	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	39	ug/l	0.73	2.33	1	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	2.28 "J"	ug/l	0.75	2.39	1	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	11.7	ug/l	1	3.17	1	GRO95/8021		9/11/2018	CJR	1
o-Xylene	2.28	ug/l	0.58	1.84	1	GRO95/8021		9/11/2018	CJR	1

Lab Code 5035181G
Sample ID MW-1
Sample Matrix Water
Sample Date 9/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	34	ug/l	0.22	0.69	1	GRO95/8021		9/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		9/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		9/11/2018	CJR	1
Toluene	1.64	ug/l	0.45	1.45	1	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		9/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/11/2018	CJR	1

Lab Code 5035181H
Sample ID MW-2
Sample Matrix Water
Sample Date 9/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	32	ug/l	4.4	13.8	20	GRO95/8021		9/11/2018	CJR	1
Ethylbenzene	258	ug/l	10.6	33.8	20	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 11.4	ug/l	11.4	36.4	20	GRO95/8021		9/11/2018	CJR	1
Naphthalene	127	ug/l	34	107.6	20	GRO95/8021		9/11/2018	CJR	1
Toluene	11.7 "J"	ug/l	9	29	20	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	990	ug/l	14.6	46.6	20	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	320	ug/l	15	47.8	20	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	1190	ug/l	20	63.4	20	GRO95/8021		9/11/2018	CJR	1
o-Xylene	460	ug/l	11.6	36.8	20	GRO95/8021		9/11/2018	CJR	1

Project Name SMITH'S UNION 76 STATION
 Project #

Invoice # E35181

Lab Code 5035181I
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 9/4/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1060	ug/l	22	69	100	GRO95/8021		9/11/2018	CJR	1
Ethylbenzene	5100	ug/l	53	169	100	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 57	ug/l	57	182	100	GRO95/8021		9/11/2018	CJR	1
Naphthalene	910	ug/l	170	538	100	GRO95/8021		9/11/2018	CJR	1
Toluene	12900	ug/l	45	145	100	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	5400	ug/l	73	233	100	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	1640	ug/l	75	239	100	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	18200	ug/l	100	317	100	GRO95/8021		9/11/2018	CJR	1
o-Xylene	6900	ug/l	58	184	100	GRO95/8021		9/11/2018	CJR	1

Lab Code 5035181J
 Sample ID TB
 Sample Matrix Water
 Sample Date 9/4/2018

	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		9/11/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		9/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		9/11/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		9/11/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		9/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		9/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		9/11/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		9/11/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/11/2018	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.

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)
<input checked="" type="checkbox"/> Normal Turn Around

Lab I.D. # _____

Account No.: _____ Quote No.: _____

Project #: _____

Sampler: (signature) Tyln Woodke

Project (Name / Location): <u>Smith's Urban 76 Station / Salon Springs, WI</u>	
Reports To: <u>Adam Bachard</u>	Invoice To: <u>Adam Bachard</u>
Company: <u>Bachard Group</u>	Company: <u>% METCO</u>
Address: <u>727 Tower Ave.</u>	Address: <u>709 Gillette Street, Suite 3</u>
City State Zip: <u>Superior, WI 54880</u>	City State Zip: <u>LaCrosse, WI 54603</u>
Phone: _____	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 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID
								X						
								X						
								X						
								X						
								X						
								X						
								X						
								X						
								X						

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation
So35181	A MW-10	9-4-18	1045			N	3	GW	HCL
	B MW-9		1110						
	C MW-4		1140						
	D MW-3		1205						
	E MW-2		1235						
	F MW-5		1250						
	G MW-1		110						
	H MW-2		130						
	I MW-6		200						
	J TB								

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)

* UIC Rates Apply

* Agent Status

Sample integrity - To be completed by receiving lab	Relinquished By: (sign) <u>Tyln Woodke</u>	Time <u>9:00 AM</u>	Date <u>9-6-18</u>	Received By: (sign) _____	Time _____	Date _____	
	Method of Shipment: <u>GC</u>	Temp. of Temp. Blank: <u>C On Ice</u> <input checked="" type="checkbox"/>	Received in Laboratory By: <u>Cheryl Rose</u>				Time: <u>8:00</u>
Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							