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November 5, 2018

BRRTS #: 03-33-001415  
PECFA #: 53541-9999-65-A

Erin Niemisto  
Wisconsin Department of Natural Resources  
3911 Fish Hatchery Rd  
Fitchburg, WI 53711

Subject: Walkers One Stop – Letter Report

Dear Ms. Niemisto,

Enclosed is the Groundwater Monitoring Report for the Walkers One Stop site located at 10410 State Highway 11 in Gratiot, Wisconsin. **This completes the Public Bidding Deferred workscope approved on May 11, 2018.**

### **Groundwater Monitoring**

On August 16, 2018, METCO personnel collected groundwater samples from ten monitoring wells. (MW-1, MW-2, MW-3, MW-4, MW-5R, MW-6, MW-7, MW-8, MW-9, and MW-10) for laboratory analysis (PVOOC and Naphthalene). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells.

### **Vapor Assessment**

On August 20, 2018, Braun Intertec of La Crosse, WI installed one sub-slab vapor sampling port (SS-1) through a concrete floor near the northeast corner of the basement of the building at 5895 Main Street, which is currently used for storage. The sub-slab vapor sampling port was 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-inches, depending on the concrete slab thickness. The holes were cleaned of dust and drilling debris using a shop-vac. Stainless steel vapor pins are 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. 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.

### **Discussion of Groundwater Monitoring Results**

**Monitoring Well MW-1:** Currently shows NR140 Enforcement Standard (ES) exceedances for

Benzene (209 ppb) and Naphthalene (117 ppb), as well as a NR140 Preventive Action limit (PAL) exceedance for Trimethylbenzenes (152.7 ppb). The contaminant concentrations appear to be stable.

Monitoring Well MW-2: Currently shows no detects for PVOC and Naphthalene.

Monitoring Well MW-3: Currently shows NR140 ES exceedances for Benzene (295 ppb), Ethylbenzene (1990 ppb), Naphthalene (710 ppb), Trimethylbenzenes (2591 ppb), and Xylene (6790 ppb), as well as a NR140 PAL exceedance for Toluene (265). The contaminant concentrations appear to be stable.

Monitoring Well MW-4: Currently shows NR140 ES exceedances for Benzene (45 ppb), Ethylbenzene (690 ppb), Naphthalene (340 ppb), Trimethylbenzenes (2210 ppb), and Xylene (2227 ppb). The contaminant concentrations appear to be increasing.

Monitoring Well MW-5R: Currently shows an NR140 ES exceedance for Benzene (36 ppb), as well as a NR140 PAL exceedance for Naphthalene (26.6 ppb). The contaminant concentrations appear to be decreasing following the excavation project.

Monitoring Well MW-6: Currently shows NR140 ES exceedances for Benzene (232 ppb), Ethylbenzene (940 ppb), Naphthalene (370 ppb), Trimethylbenzenes (1582 ppb), and Xylene (1792 ppb). The contaminant concentrations appear to be decreasing.

Monitoring Well MW-7: Currently shows NR140 ES exceedances for Benzene (360 ppb) and Naphthalene (232 ppb). The contaminant concentrations appear to be stable.

Monitoring Well MW-8: Currently shows an NR140 ES exceedance for Benzene (66 ppb), as well as a NR140 PAL exceedance for Naphthalene (12.1 ppb). The contaminant concentrations appear to be stable.

Monitoring Well MW-9: Currently shows Currently shows no detects for PVOC and Naphthalene.

Monitoring Well MW-10: Currently shows a NR140 PAL exceedance for Benzene (1.09 ppb). The contaminant concentrations appear to be stable.

### **Discussion of Sub-Slab Vapor Sampling Results**

Sampling Port SS-1: Currently shows detects for various VOC compounds, but no exceedances of the Small Commercial Vapor Action Levels (VAL).

### **Conclusions/Recommendations**

Based on current groundwater results, METCO recommends that the Walkers One Stop site be reviewed for the possibility of "closure" for the following reasons:

- 1) The extent and degree of petroleum contamination in soil and groundwater has been adequately defined.
- 2) The majority of the accessible contaminated soil (828.13 tons) has been removed from the source area during the excavation project.

- 3) Monitoring well MW-1 is the only well that has ever had free product and hasn't had measurable product since the August 2012 sampling event.
- 4) Overall groundwater contaminant trends appear to be stable to decreasing.
- 5) Risk of vapor intrusion from the released petroleum products appears unlikely based on the sub-slab vapor sampling results from the building located at 5895 Main Street, which shows no exceedances of the Small Commercial Vapor Action Levels (VAL).
- 6) The main municipal water supply well exists approximately 3,000 feet to the southeast of the subject property. However, it should be noted that the backup municipal well exists approximately 500 feet to the southeast of the subject property.
- 7) We do show contamination up to Wolf Creek, however, groundwater flow appears to be going away from the creek.

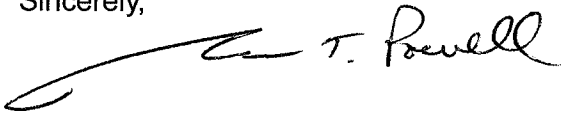
However, if the state determines that additional work will be required due to the close proximity of the groundwater contaminant plume to Wolf Creek, please contact METCO to discuss.

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

A Detailed Site Map, Groundwater Flow Map, Groundwater Isoconcentration Map, Vapor Results Map, Data Tables, and Laboratory Documents.

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

Sincerely,



Jason T. Powell  
Staff Scientist

Attachments

c: Tom Walker – Client

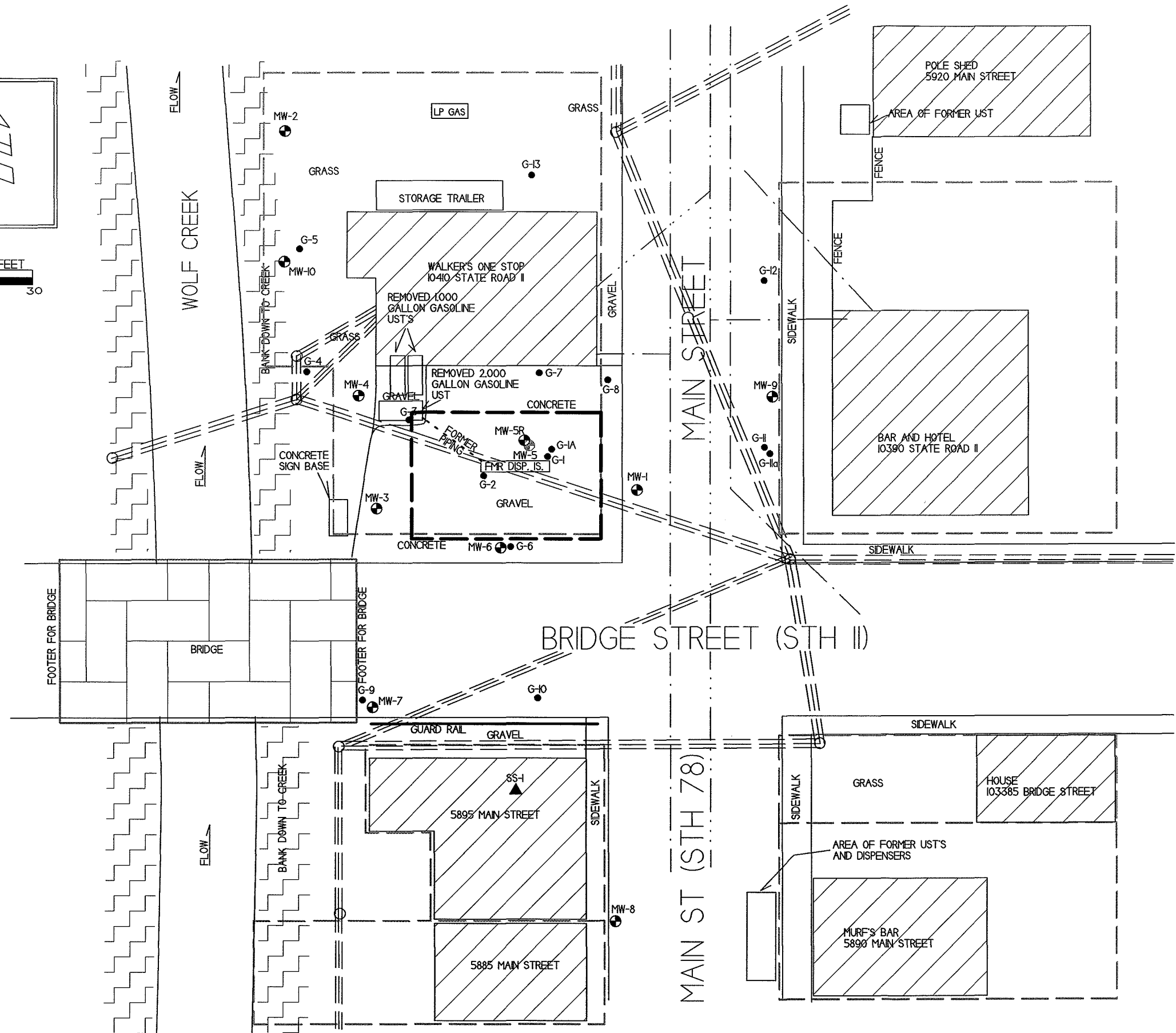
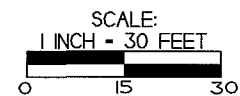
DETAILED SITE MAP  
WALKER'S ONE STOP

709 Gillette St., Ste. 3  
La Crosse, WI 54603  
Tel: (608) 781-8879  
Fax: (608) 781-8893


GRATIOT, WISCONSIN  
DRAWN BY: ED  
DATE: 1/7/11

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊙ - ABANDONED MONITORING WELL LOCATION
- ▲ - SUB-SLAB VAPOR SAMPLING LOCATION
- - - - - PROPERTY LINE
- ==== OVERHEAD LINES
- - - - - WATER LINES
- . . . . SEWER LINES
- - - - - SOIL EXCAVATION AREA

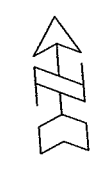


B.3.c GROUNDWATER  
FLOW DIRECTION 08/16/18  
WALKER'S ONE STOP



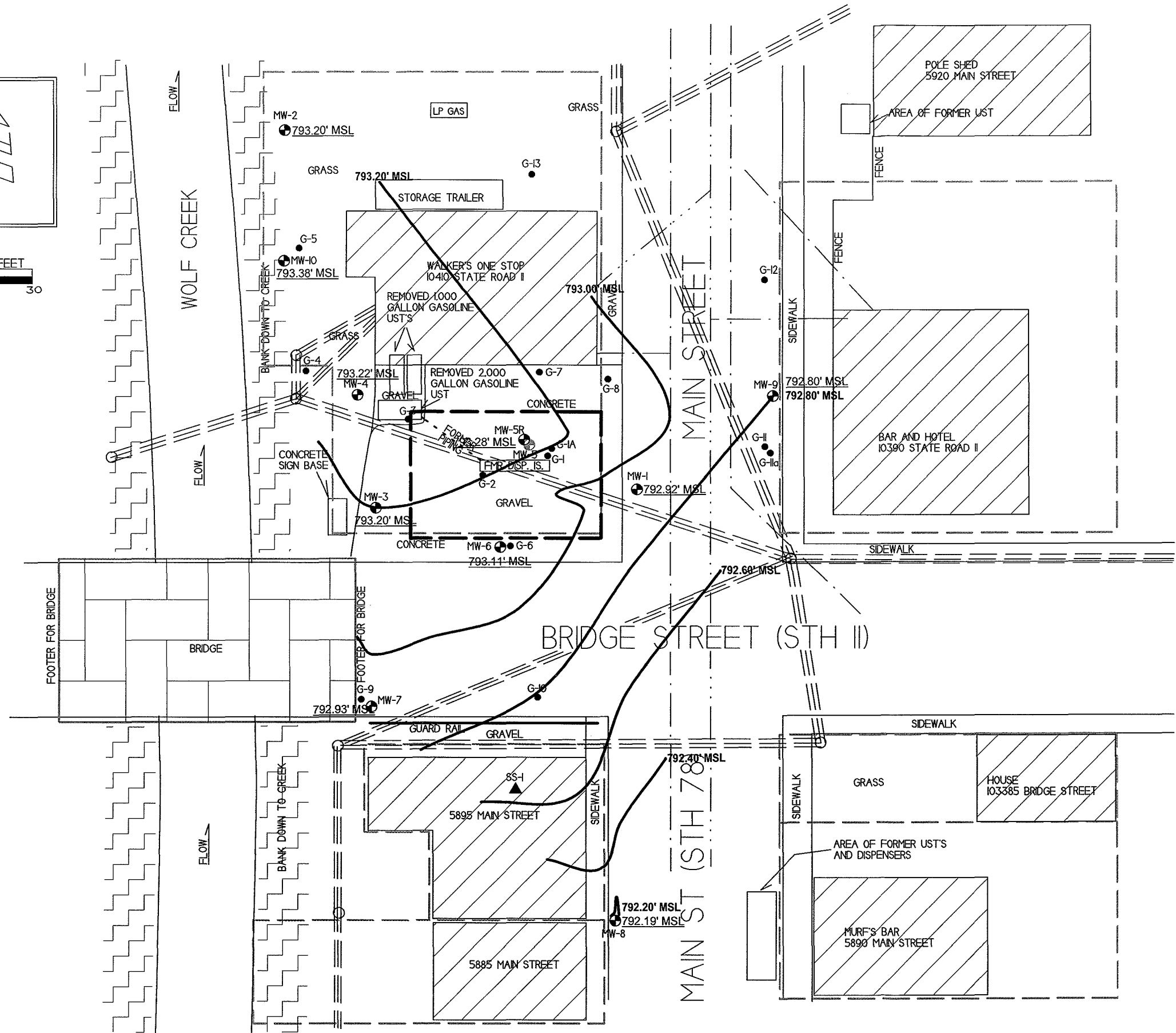
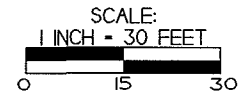
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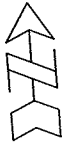


GROUNDWATER ISOCONCENTRATION MAP (08/16/2018)

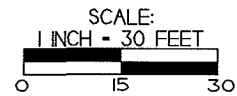
# WALKER'S ONE STOP

709 Gillette St. Ste. 3  
La Crosse, WI 54603  
Tel: (608) 781-8878  
Fax: (608) 781-8893

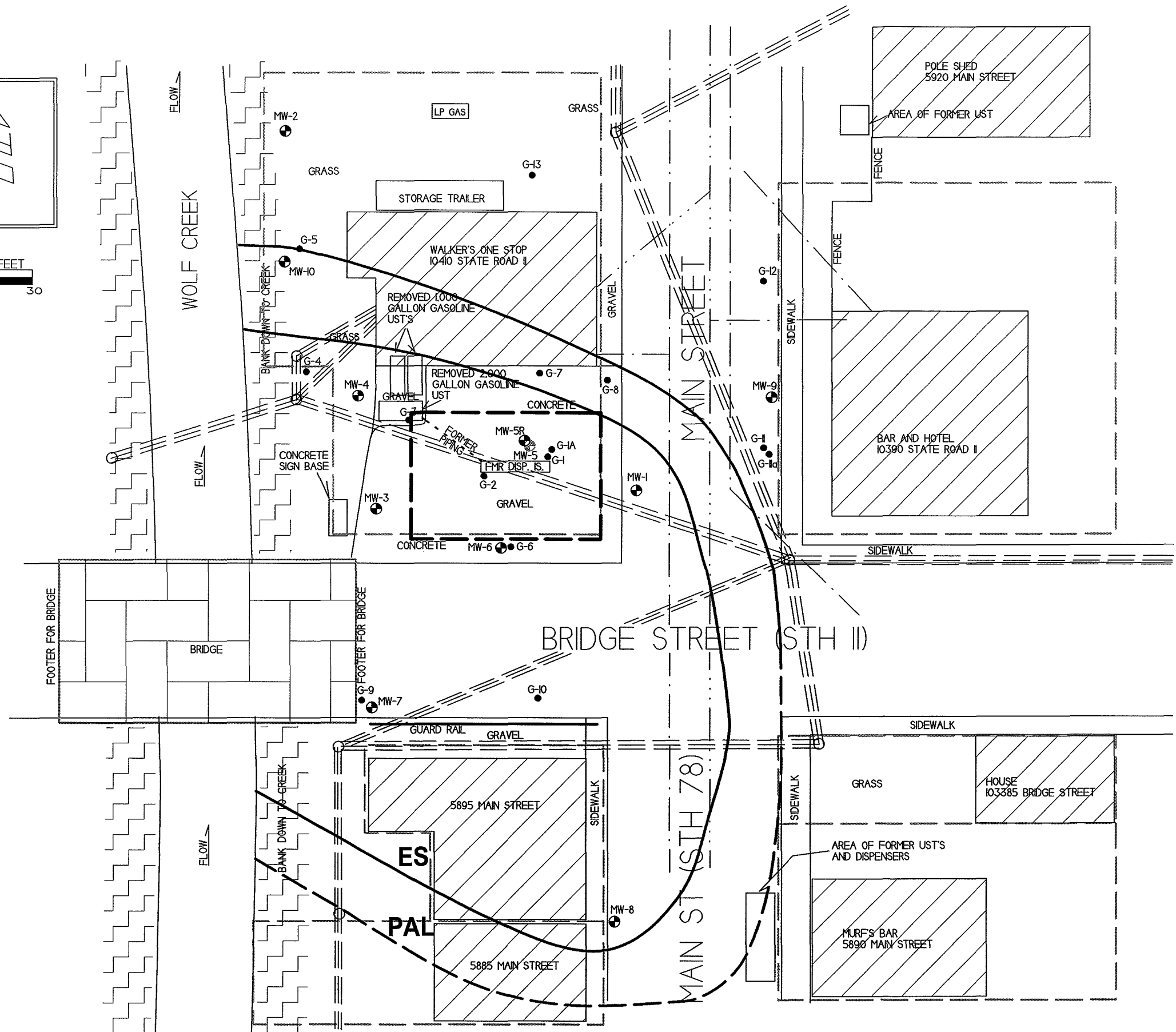
GRATIOT, WISCONSIN  
DRAWN BY: ED  
DATE: 1/7/1

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- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
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- - - - - PROPERTY LINE
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- - - - - WATER LINES
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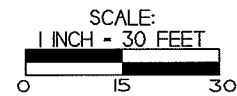
B.4.d VAPOR INTRUSION MAP  
WALKER'S ONE STOP

**METCO**  
709 Gillette St., Ste. 3  
La Crosse, WI 54603  
Tel: (608) 781-8879  
Fax: (608) 781-8893

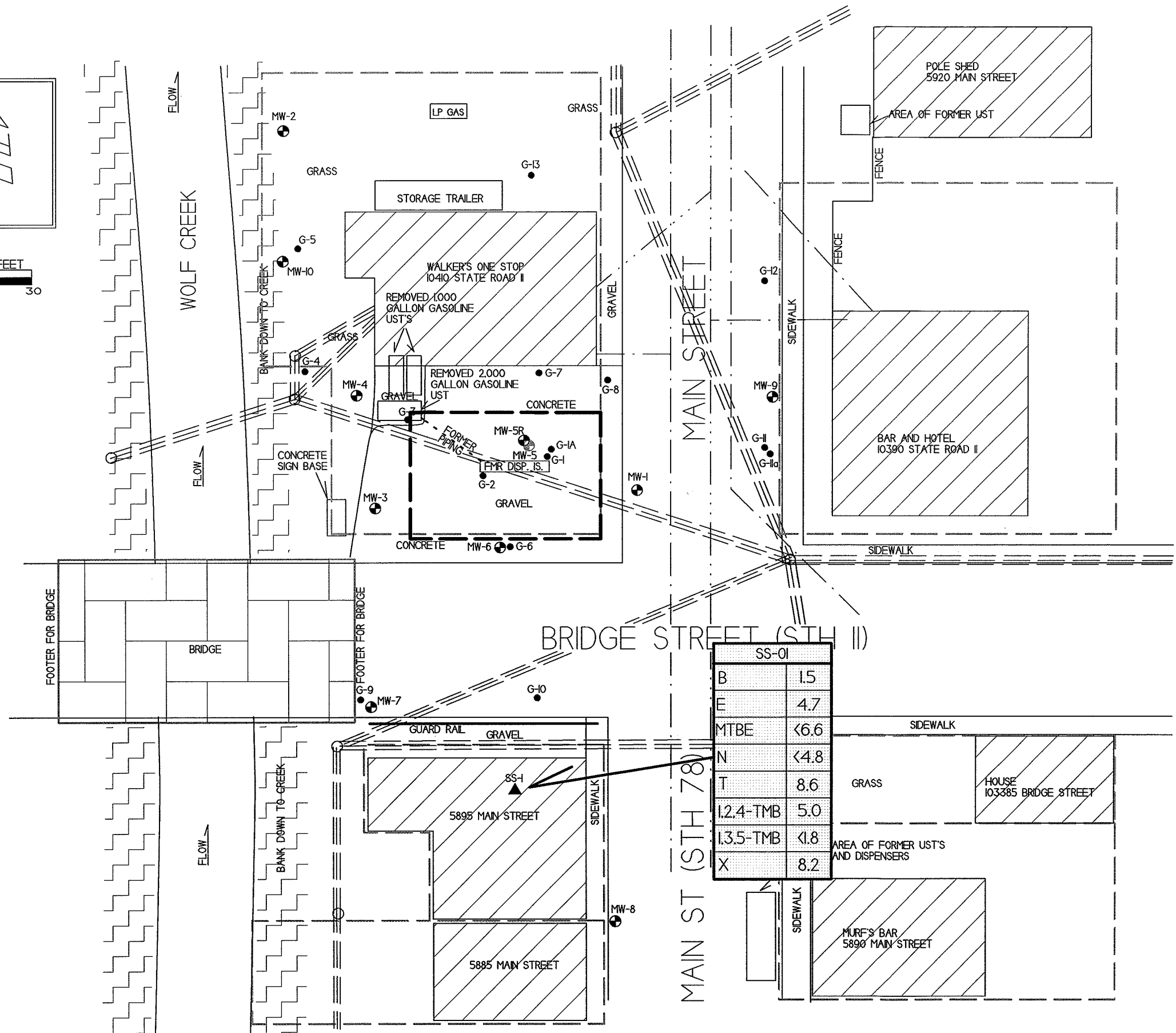
**GRATIOT, WISCONSIN**  
DRAWN BY: ED  
DATE: 1/7/1



NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER



- - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ▲ - SUB-SLAB VAPOR SAMPLING LOCATION
- - PROPERTY LINE
- ==== - OVERHEAD LINES
- - WATER LINES
- - - - - SEWER LINES
- - SOIL EXCAVATION AREA



SS-01	
B	1.5
E	4.7
MTBE	<6.6
N	<4.8
T	8.6
1,2,4-TMB	5.0
1,3,5-TMB	<1.8
X	8.2

**A.4 Vapor Analytical Table**  
**Sub-Slab Sampling Data Table for Walkers One Stop**  
**BY METCO**

Sub-Slab Sampling conducted on August 20, 2018

**WDNR**

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

Sample ID

SS-1	(ug/m <sup>3</sup> )	
Benzene – ug/m <sup>3</sup>	1.5	530 c
Carbon Tetrachloride – ug/m <sup>3</sup>	<2.3	670 c
Chloroform – ug/m <sup>3</sup>	<0.89	180 c
Chloromethane – ug/m <sup>3</sup>	<0.75	13000 n
Dichlorodifluoromethane – ug/m <sup>3</sup>	198	15000 n
1,1-Dichloroethane (1,1-DCA) – ug/m <sup>3</sup>	<1.5	2600 c
1,2-Dichloroethane (1,2-DCA) - ug/m <sup>3</sup>	<0.74	160 c
1,1-Dichloroethylene (1,1-DCE) – ug/m <sup>3</sup>	<1.4	29000 n
1,2-Dichloroethylene (cis and trans) - ug/m <sup>3</sup>	<2.8	NA -
Ethylbenzene – ug/m <sup>3</sup>	4.7	1600 c
Methylene chloride – ug/m <sup>3</sup>	<6.3	87000 n
Methyl Tert-Butyl Ether (MTBE) – ug/m <sup>3</sup>	<6.6	16000 c
Naphthalene – ug/m <sup>3</sup>	<4.8	120 c
Tetrachloroethylene -ug/m <sup>3</sup>	4.6	6000 n
Toluene – ug/m <sup>3</sup>	8.6	730000 n
1,1,1-Trichloroethane – ug/m <sup>3</sup>	<2.0	730000 n
Trichloroethylene – ug/m <sup>3</sup>	<0.98	290 n
Trichlorofluoromethane (Halcarbon 11) – ug/m <sup>3</sup>	<2.0	NA -
Trimethylbenzene (1,2,4) – ug/m <sup>3</sup>	5.0	8700 n
Trimethylbenzene (1,3,5) – ug/m <sup>3</sup>	<1.8	8700 n
Vinyl chloride – ug/m <sup>3</sup>	<0.47	930 c
Xylene (total) -ug/m <sup>3</sup>	8.2	15000 n

ug/m<sup>3</sup> = Micrograms per cubic meter.

< = Less than the reporting limit indicated in parentheses.

**Bold = Sub-Slab Standard Exceedance**

c = Carcinogen

n = Non Carcinogen

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



**A.1 Groundwater Analytical Table**  
**Walkers One Stop BRRS# 03-33-001415**

**Well MW-1** (Installed by previous consultant) 803.46 Resurveyed 12-9-15  
**PVC Elevation =** 803.65 (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)
03/09/11	NM	NM	NS	13.1	41	<4.7	<20	11.6	317	110
2/20-21/12	792.33	11.32	1.70	7.9	8.2	<0.8	7.8	5.4	147.16	30
05/21/12	792.58	11.07	2.50	5.6	0.61	<0.57	<2.3	0.71	3.04-3.83	1.88-2.62
08/20/12	792.07	11.58	1.90	45	2.7	<0.57	8.8	1.34	7.9	14.83
03/19/13	794.47	9.18	1.90	400	307	<0.37	109	92	230	874
03/10/15	792.07	11.58	29.50	95	29	<0.49	55	8.9	114.2	256.3
06/10/15	793.42	10.23	NS	242	248	<0.49	92	33	234	911
09/10/15	792.79	10.86	NS	135	11.5	<4.9	54	14.2	138	219.8
12/09/15	794.06	9.40	<0.7	198	124	<1.1	120	21.8	199.6	336
06/08/16	793.03	10.43	NS	243	91	<0.49	173	27.3	279.7	791.3
12/06/16	793.50	9.96	NS	61	18.1	<4.9	46	7.8	48-56.30	96.2
06/06/17	794.02	9.44	NS	116	28.6	<0.82	101	11.2	140.1	301.9
12/04/17	792.63	10.83	NS	69	<2.8	<2.15	10.4	5.0	3.2-6.10	6.8-9.85
08/16/18	792.92	10.54	NS	209	24.6	<0.57	117	19.4	152.7	296.1
<b>ENFORCE MENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-2** (Installed by previous consultant)  
**PVC Elevation =** 803.72 (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)
03/09/11	NM	NM	NS	<0.49	<0.98	<0.47	<2	<0.89	<2.7	<3.2
2/20-21/12	792.42	11.30	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
05/21/12	792.66	11.06	<0.7	<0.46	<0.46	<0.57	<2.3	<0.48	<1.57	<1.45
08/20/12	792.04	11.68	<0.7	1.53	<0.46	<0.57	<2.3	0.95	<1.57	<1.45
03/19/13	794.73	8.99	<0.7	1.73	5.2	<0.37	1.36	1.47	4.76	11.7
03/10/15	791.99	11.73	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
06/10/15	793.73	9.99	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/10/15	792.67	11.05	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/09/15	794.27	9.45	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
06/08/16	793.22	10.50	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/06/16	793.81	9.91	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
06/06/17	794.08	9.64	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/04/17	792.73	10.99	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
08/16/18	793.30	10.42	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
<b>ENFORCE MENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**A.1 Groundwater Analytical Table**  
**Walkers One Stop BRRTS# 03-33-001415**

**Well MW-3** (Installed by previous consultant)  
**PVC Elevation =** 803.18 (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)
03/09/11	NM	NM	NS	390	1770	<23.5	700	660	2650	7570
2/20-21/12	792.40	10.78	<0.7	510	2100	<40	900	900	3310	8480
05/21/12	792.61	10.57	3.40	420	1100	<28.5	620	410	2220	4620
08/20/12	792.08	11.10	<0.7	530	1480	<11.4	540	620	2310	5540
03/19/13	794.76	8.42	1.0	430	1740	<7.4	790	650	3190	7540
03/10/15	792.09	11.09	1.30	370	1740	<9.8	700	680	2750	7000
06/10/15	793.63	9.55	NS	307	1610	<9.8	490	370	2207	5980
09/10/15	792.77	10.41	NS	440	2060	<24.5	680	450	2990	7500
12/09/15	794.33	8.85	1.40	194	1460	<55	620	100	2684	4190
06/08/16	793.17	10.01	NS	320	1750	<24.5	640	450	2658	6780
12/06/16	793.65	9.53	NS	149	1390	<24.5	510	87	2671	3790
06/06/17	794.14	9.04	NS	110	1210	<41	370	60	1868	3120
12/04/17	792.77	10.41	NS	340	1490	<21.5	540	330	2150	4940
08/16/18	793.20	9.98	NS	295	1990	<28.5	710	265	2591	6790
<b>ENFORCE MENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-4**  
**PVC Elevation =** 802.51 (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)
2/20-21/12	792.40	10.11	4.90	38	1120	<16	360	51	2390	3850
05/21/12	792.61	9.90	2.80	55	890	29	216	56	1860	2990
08/20/12	792.07	10.44	6.7	90	900	<5.7	251	63	1770	2960
03/19/13	794.76	7.75	3.2	62	1240	<7.4	570	76	2550	4490
03/10/15	792.13	10.38	7.1	186	810	<9.8	290	56	1623	2790
06/10/15	793.66	8.85	NS	18.1	810	<9.8	226	29.5	2020	2610
09/10/15	792.85	9.66	NS	26.2	990	<9.8	330	42	2490	3170
12/09/15	794.33	8.18	3.0	16.2	770	<22	440	20.8	2230	2420
06/08/16	793.21	9.30	NS	23.8	770	<9.8	312	33	2220	2785
12/06/16	793.79	8.72	NS	21.3	860	<9.8	286	34	2230	2860
06/06/17	794.15	8.36	NS	4.6	660	<16.4	206	<13.4	2000	2213
12/04/17	792.76	9.75	NS	33	700	<8.6	320	18.4	2120	2380
08/16/18	793.22	9.29	NS	45	690	<28.5	340	35	2210	2227
<b>ENFORCE MENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**A.1 Groundwater Analytical Table**  
**Walkers One Stop BRRTS# 03-33-001415**

Well MW-5/5R                      3-10-15 MW-5R                      803.39  
PVC Elevation =                      803.30                      (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)
2/20-21/12	792.45	10.85	4.10	600	790	<16	262	272	1218	3440
05/21/12	792.66	10.64	2.30	790	1410	<5.7	440	420	2050	6380
08/20/12	792.14	11.16	1.4	640	1400	<11.4	460	281	2030	5710
03/19/13	794.73	8.57	6.7	1090	1750	<7.4	550	750	2710	9640
09/28/17	WELL ABANDONED AND REMOVED DURING EXCAVATION PROJECT									
11/04/14	MW-5 REPLACED WITH MW-5R									
03/10/15	792.07	11.32	5.4	660	1860	<9.8	590	97	2410	5870
06/10/15	793.65	9.74	NS	124	650	<9.8	229	31.5	1174	2137
09/10/15	792.77	10.62	NS	290	1430	<24.5	480	56	2046	6400
12/09/15	794.32	9.07	1.50	1.88	0.91	<1.1	1.75	<0.44	4.5-6	3.86
06/08/16	793.24	10.15	NS	53	7.3	<0.49	35	0.98	17.56	25.7
12/06/16	793.81	9.58	NS	83	340	<4.9	133	17	544	659
06/06/17	794.26	9.13	NS	11.1	0.30	<0.82	14.1	<0.67	2.17-3.08	18.23
12/04/17	792.82	10.57	NS	47	74	<2.15	24.5	3.8	28.7-31.60	28.4
08/16/18	793.28	10.11	NS	36	42	<0.57	26.6	3.07	91.3	81.6
ENFORCE MENT STANDARD <b>ES = Bold</b>			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT <b>PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion                      (ppm) = parts per million  
ns = not sampled                      nm = not measured  
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6  
PVC Elevation =                      803.98                      (feet)                      (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
2/20-21/12	792.42	11.56	4.10	1200	3400	<40	1220	320	7290	1590-1599
05/21/12	792.62	11.36	1.80	2120	2980	<28.5	750	650	5000	12830
08/20/12	792.07	11.91	3.4	1690	2240	<28.5	600	269	3260	9250
03/19/13	794.66	9.32	3.90	690	1650	<18.5	490	480	2970	7930
03/10/15	792.04	11.94	2.50	690	1910	<24.5	550	143	2740	7500
06/10/15	793.57	10.41	NS	302	1040	<24.5	420	48	1860	3300
09/10/15	792.70	11.28	NS	490	1650	<49	470	94	2084	4800
12/09/15	794.03	9.95	2.1	186	1090	<55	490	40	2027	2550
06/08/16	793.14	10.84	NS	259	1020	<24.5	350	58	1742	2122
12/06/16	793.69	10.29	NS	320	1400	<24.5	450	72	2106	3776
06/06/17	794.11	9.87	NS	172	1160	<41	350	<33.5	2006	2108
12/04/17	792.70	11.28	NS	231	1190	<21.5	360	44	1654	2470
08/16/18	793.11	10.87	NS	232	940	<28.5	370	42	1582	1792
ENFORCE MENT STANDARD <b>ES = Bold</b>			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT <b>PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion                      (ppm) = parts per million  
ns = not sampled                      nm = not measured  
Note: Elevations are presented in feet mean sea level (msl).

**A.1 Groundwater Analytical Table**  
**Walkers One Stop BRRTS# 03-33-001415**

**Well MW-7**

**PVC Elevation =**

803.873 (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)
2/20-21/12	792.21	11.66	<0.7	420	<7.8	<8	90	10.2	8.5-16.5	15.4-23.4
05/21/12	792.50	11.37	<0.7	470	9.4	<0.57	109	12.4	18.8	35
08/20/12	791.96	11.91	<0.7	610	20.3	<5.7	129	14.8	44.9	72
03/19/13	794.38	9.49	<0.7	120	10.4	<3.7	43	<8	20.3-28.9	41.3
03/10/15	791.98	11.89	<0.7	265	<7.3	<4.9	67	9.8	8.1-16.4	23.9
06/10/15	793.36	10.51	NS	460	10.1	<0.49	102	14.8	20.1	40.4
09/10/15	792.47	11.40	NS	620	13.8	<4.9	190	22	41.2	69.5
12/09/15	793.93	9.94	<0.7	440	14	<11	340	12.9	50-65	59.5
06/08/16	792.95	10.92	NS	460	17.2	<4.9	280	22.1	71.1	99.9
12/06/16	793.46	10.41	NS	281	11.4	<4.9	124	14	11.4-19.7	47.5
06/06/17	793.86	10.01	NS	311	9.7	<4.1	87	13.9	17.2	34.8
12/04/17	792.62	11.25	NS	240	6.9	<2.15	135	12.7	11.4	29.4
08/16/18	792.93	10.94	NS	360	12.9	<5.7	232	17.1	17.3-24.80	51.8
<b>ENFORCE MENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-8**

**PVC Elevation =**

804.25 (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)
2/20-21/12	791.94	12.31	<0.7	3.2	<0.78	1.14	<2.1	0.54	2.61-3.35	<1.9
05/21/12	792.17	12.08	<0.7	13.7	0.53	1.21	<2.3	0.61	1.92	<1.45
08/20/12	791.74	12.51	<0.7	22.2	8.6	1.45	4.2	1.1	38.91	19.73
03/19/13	793.46	10.79	<0.7	43	77	<0.37	15.5	3.04	79.8	252
03/10/15	791.84	12.41	<0.7	13.7	<0.73	1.23	3.03	0.84	2.92-3.75	1.91-2.57
06/10/15	792.59	11.66	NS	22.5	3.9	<0.49	4.7	1.02	10.2-11.03	13.31
09/10/15	792.05	12.20	NS	3.09	<0.73	<0.49	<2.6	0.73	<1.51	<2.06
12/09/15	792.94	11.31	<0.7	161	132	3.3	71	5.7	304.5	406
06/08/16	792.31	11.94	NS	15.1	0.86	5.5	6.7	0.91	2.7-3.53	1.44-2.210
12/06/16	792.71	11.54	NS	17.9	0.97	5.4	2.72	1.1	1.1-1.93	<2.06
06/06/17	793.34	10.91	NS	1.09	<0.2	3.5	<2.17	<0.67	<2.05	<1.95
12/04/17	792.07	12.18	NS	3.8	<0.56	5.3	<1.7	<0.33	<1.14	<1.71
08/16/18	792.19	12.06	NS	66	14.4	<0.57	12.1	3.11	27.78	35.36
<b>ENFORCE MENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**A.1 Groundwater Analytical Table**  
**Walkers One Stop BRRS# 03-33-001415**

**Well MW-9**

**PVC Elevation =** 803.34 (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)
2/20-21/12	792.42	10.92	2.40	<0.5	<0.78	<0.8	<2.1	0.56	<1.54	<1.9
05/21/12	792.59	10.75	<0.7	<0.46	<0.46	<0.57	<2.3	<0.48	<1.57	<1.45
08/20/12	792.19	11.15	<0.7	<0.46	<0.46	<0.57	<2.3	0.48	<1.57	<1.45
03/19/13	794.55	8.79	<0.7	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
03/10/15	792.10	11.24	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
06/10/15	793.29	10.05	NS	<0.46	<0.73	<0.49	<2.6	0.79	<1.51	<2.06
09/10/15	792.53	10.81	NS	<0.46	<0.73	<0.49	<2.6	0.72	<1.51	<2.06
12/09/15	793.93	9.41	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
06/08/16	792.93	10.41	NS	<0.46	<0.73	<0.49	<2.6	0.64	<1.51	<2.06
12/06/16	793.47	9.87	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
06/06/17	794.02	9.32	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/04/17	792.49	10.85	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
08/16/18	792.80	10.54	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
<b>ENFORCEMENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-10**

**PVC Elevation =** 801.38 (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)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
2/20-21/12	792.43	8.95	<0.7	<0.5	3.7	<0.8	<2.1	0.65	4.5-5.24	3.5-4.30
05/21/12	792.66	8.72	<0.7	2.92	0.47	<0.57	<2.3	0.56	<1.57	<1.45
08/20/12	792.07	9.31	<0.7	7.7	47	<0.57	<2.3	2.42	72.8	72.1
03/19/13	794.76	6.62	<0.7	1.22	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
03/10/15	792.06	9.32	<0.7	0.90	<0.73	<0.49	<2.6	0.52	<1.51	<2.06
06/10/15	793.74	7.64	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/10/15	792.70	8.68	NS	1.46	<0.73	<0.49	<2.6	0.66	<1.51	<2.06
12/09/15	794.36	7.02	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
06/08/16	793.29	8.09	NS	0.97	<0.73	<0.49	<2.6	0.53	<1.51	<2.06
12/06/16	793.87	7.51	NS	0.79	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
06/06/17	794.20	7.18	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/04/17	792.82	8.56	NS	1.05	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
08/16/18	793.38	8.00	NS	1.09	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
<b>ENFORCEMENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**A.6 Water Level Elevations**  
**Walkers One Stop BRRS# 03-33-001415**  
**Gratiot, Wisconsin**

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-5R	MW-6	MW-7	MW-8	MW-9	MW-10
Ground Surface (feet msl)	803.91	800.90	803.70	803.04	803.75	NM	804.40	804.43	804.74	803.85	801.93
PVC top (feet msl)	803.65	803.72	803.18	802.51	803.30	803.39	803.98	803.87	804.25	803.34	801.38
Resurveyed PVC top (feet msl)	803.46										
Well Depth (feet)	20.00	20.00	20.00	18.00	17.00	17.00	17.00	17.00	18.50	17.00	17.00
Top of screen (feet msl)	793.91	790.90	793.70	795.04	796.75	NM	797.40	797.43	796.24	796.85	794.93
Bottom of screen (feet msl)	783.91	780.90	783.70	785.04	786.75	NM	787.40	787.43	786.24	786.85	784.93

**Depth to Water From Top of PVC (feet)**

03/09/11	NM	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI
2-20/21-12	11.32	11.30	10.78	10.11	10.85	NI	11.56	11.66	12.31	10.92	8.95
05/21/12	11.07	11.06	10.57	9.90	10.64	NI	11.36	11.37	12.08	10.75	8.72
08/20/12	11.58	11.68	11.10	10.44	11.16	NI	11.91	11.91	12.51	11.15	9.31
03/19/13	9.18	8.99	8.42	7.75	8.57	NI	9.32	9.49	10.79	8.79	6.62
03/10/15	11.58	11.73	11.09	10.38	A	11.32	11.94	11.89	12.41	11.24	9.32
06/10/15	10.23	9.99	9.55	8.85	A	9.74	10.41	10.51	11.66	10.05	7.64
09/10/15	10.86	11.05	10.41	9.66	A	10.62	11.28	11.40	12.20	10.81	8.68
12/09/15	9.40	9.45	8.85	8.18	A	9.07	9.95	9.94	11.31	9.41	7.02
06/08/16	10.43	10.50	10.01	9.30	A	10.15	10.84	10.92	11.94	10.41	8.09
12/06/16	9.96	9.91	9.53	8.72	A	9.58	10.29	10.41	11.54	9.87	7.51
06/06/17	9.44	9.64	9.04	8.36	A	9.13	9.87	10.01	10.91	9.32	7.18
12/04/17	10.83	10.99	10.41	9.75	A	10.57	11.28	11.25	12.18	10.85	8.56
08/16/18	10.54	10.42	9.98	9.29	A	10.11	10.87	10.94	12.06	10.54	8.00

**Depth to Water From Ground Surface (feet)**

03/09/11	NM	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI
2-20/21-12	11.58	8.48	11.30	10.64	11.30	NI	11.98	12.22	12.80	11.43	9.50
05/21/12	11.33	8.24	11.09	10.43	11.09	NI	11.78	11.93	12.57	11.26	9.27
08/20/12	11.84	8.86	11.62	10.97	11.61	NI	12.33	12.47	13.00	11.66	9.86
03/19/13	9.44	6.17	8.94	8.28	9.02	NI	9.74	10.05	11.28	9.30	7.17
03/10/15	11.84	8.91	11.61	10.91	A	NM	12.36	12.45	12.90	11.75	9.87
06/10/15	10.49	7.17	10.07	9.38	A	NM	10.83	11.07	12.15	10.56	8.19
09/10/15	11.12	8.23	10.93	10.19	A	NM	11.70	11.96	12.69	11.32	9.23
12/09/15	9.85	6.63	9.37	8.71	A	NM	10.37	10.50	11.80	9.92	7.57
06/08/16	10.88	7.68	10.53	9.83	A	NM	11.26	11.48	12.43	10.92	8.64
12/06/16	10.41	7.09	10.05	9.25	A	NM	10.71	10.97	12.03	10.38	8.06
06/06/17	9.89	810.54	812.74	811.40	A	NM	814.27	814.44	815.65	813.17	809.11
12/04/17	11.28	8.17	10.93	10.28	A	NM	11.70	11.81	12.67	11.36	9.11
08/16/18	10.99	7.60	10.50	9.82	A	NM	11.29	11.50	12.55	11.05	8.55

**Groundwater Elevation (feet msl)**

03/09/11	NM	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI
2-20/21-12	792.33	792.40	792.42	792.40	792.45	NI	792.42	792.21	791.94	792.42	792.43
05/21/12	792.58	792.66	792.61	792.61	792.66	NI	792.62	792.50	792.17	792.59	792.66
08/20/12	792.07	792.04	792.08	792.07	792.14	NI	792.07	791.96	791.74	792.19	792.07
03/19/13	794.47	794.73	794.76	794.76	794.73	NI	794.66	794.38	793.46	794.55	794.76
03/10/15	792.07	791.99	792.09	792.13	A	792.07	792.04	791.98	791.84	792.10	792.06
06/10/15	793.42	793.73	793.63	793.66	A	793.65	793.57	793.36	792.59	793.29	793.74
09/10/15	792.79	792.67	792.77	792.85	A	792.77	792.70	792.47	792.05	792.53	792.70
12/09/15	794.06	794.27	794.33	794.33	A	794.32	794.03	793.93	792.94	793.93	794.36
06/08/16	793.03	793.22	793.17	793.21	A	793.24	793.14	792.95	792.31	792.93	793.29
12/06/16	793.50	793.81	793.65	793.79	A	793.81	793.69	793.46	792.71	793.47	793.87
06/06/17	794.02	794.08	794.14	794.15	A	794.26	794.11	793.86	793.34	794.02	794.20
12/04/17	792.63	792.73	792.77	792.76	A	792.82	792.70	792.62	792.07	792.49	792.82
08/16/18	792.92	793.30	793.20	793.22	A	793.28	793.11	792.93	792.19	792.80	793.38

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

CNL = Could Not Locate

NI = Not Installed

NM = Not Measured

A = Abandoned

**A.7 Other**  
**Groundwater NA Indicator Results**  
**Walkers One Stop BRRTS# 03-33-001415**

**Monitoring Well MW-1**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	1.56	6.67	21	9.2	1598	<0.1	18.0	1,930	424
05/21/12	0.75	7.19	-221	14.3	2263	NS	NS	NS	NS
08/20/12	0.15	6.95	-114	17.5	3037	NS	NS	NS	NS
03/19/13	1.82	5.80	-58	7.1	2777	NS	NS	NS	NS
03/10/15	3.21	4.79	-24	8.9	1654	NS	NS	NS	NS
06/10/15	0.82	7.61	107	13.6	2325	NS	NS	NS	NS
09/10/15	2.11	6.67	13	15.9	1696	NS	NS	NS	NS
12/09/15	2.45	7.34	-85	12.5	1308	NS	NS	NS	NS
06/08/16	2.78	7.01	-35	13.9	1236	NS	NS	NS	NS
12/06/16	1.50	6.46	31	14.4	310	NS	NS	NS	NS
06/06/17	2.67	7.19	46	12.4	518	NS	NS	NS	NS
12/04/17	1.56	6.59	31	10.4	2556	NS	NS	NS	NS
08/16/18	0.87	7.55	20	17.6	2154	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES - Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential  
 Note: Elevations are presented in feet mean sea level (msl).

**Monitoring Well MW-2**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	2.71	6.52	233	8.1	697	1.8	62.3	<60	180
05/21/12	1.44	7.01	194	12.1	866	NS	NS	NS	NS
08/20/12	3.80	6.74	178	15.7	1071	NS	NS	NS	NS
03/19/13	5.54	5.56	270	5.8	978	NS	NS	NS	NS
03/10/15	3.58	5.87	243	7.6	806	NS	NS	NS	NS
06/10/15	2.92	7.45	292	12.8	487	NS	NS	NS	NS
09/10/15	2.97	7.26	310	15.6	518	NS	NS	NS	NS
12/09/15	3.47	7.19	225	10.3	943	NS	NS	NS	NS
06/08/16	3.52	6.65	208	11.6	682	NS	NS	NS	NS
12/06/16	3.81	6.82	267	14.5	633	NS	NS	NS	NS
06/06/17	4.17	6.79	280	12.0	816	NS	NS	NS	NS
12/04/17	5.94	6.78	267	10.4	1816	NS	NS	NS	NS
08/16/18	2.06	7.30	203	15.7	893	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES - Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential  
 Note: Elevations are presented in feet mean sea level (msl).

**Monitoring Well MW-3**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	1.41	6.7	-2	9.4	2519	NS	NS	NS	NS
05/21/12	0.78	7.11	-124	12.4	2278	NS	NS	NS	NS
08/20/12	0.28	7.17	-148	16.2	2966	NS	NS	NS	NS
03/19/13	1.91	5.61	-40	4.5	2529	NS	NS	NS	NS
03/10/15	2.97	6.02	-56	9.2	927	NS	NS	NS	NS
06/10/15	1.68	7.46	-77	13.1	1602	NS	NS	NS	NS
09/10/15	1.59	7.02	-10	15.4	1183	NS	NS	NS	NS
12/09/15	2.24	7.11	-77	12.1	965	NS	NS	NS	NS
06/08/16	2.35	7.01	-71	12.1	950	NS	NS	NS	NS
12/06/16	0.71	6.39	-46	14.3	316	NS	NS	NS	NS
06/06/17	2.46	7.03	45	12.6	798	NS	NS	NS	NS
12/04/17	1.28	7.24	-9	10.8	1562	NS	NS	NS	NS
08/16/18	0.95	7.78	6	16.0	2145	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES - Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential  
 Note: Elevations are presented in feet mean sea level (msl).

A.7 Other  
 Groundwater NA Indicator Results  
 Walkers One Stop BRRS# 03-33-001415

Monitoring Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	3.63	6.5	31	8.4	572	<0.1	5.2	970	1280
05/21/12	1.03	7.09	-33	12.5	1132	NS	NS	NS	NS
08/20/12	0.28	7.02	-102	16.6	1374	NS	NS	NS	NS
03/19/13	2.07	5.75	150	5.3	1776	NS	NS	NS	NS
03/10/15	3.05	5.55	-4	6.3	817	NS	NS	NS	NS
06/10/15	1.69	7.15	-3	12.3	922	NS	NS	NS	NS
09/10/15	1.87	6.84	2	15.8	737	NS	NS	NS	NS
12/09/15	2.60	6.98	-71	11.7	712	NS	NS	NS	NS
06/08/16	3.03	6.83	-97	12.0	629	NS	NS	NS	NS
12/06/16	1.47	6.33	51	14.2	812	NS	NS	NS	NS
06/06/17	2.73	6.95	136	12.4	1552	NS	NS	NS	NS
12/04/17	1.67	7.16	69	10.5	311	NS	NS	NS	NS
08/16/18	0.86	7.85	-68	17.4	871	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

ORP = Oxidation Reduction Potential

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

Monitoring Well MW-5/5R

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	0.39	6.7	24	9.8	2108	<0.1	<3.4	320	294
05/21/12	0.69	7.13	-31	12.4	2365	NS	NS	NS	NS
08/20/12	0.20	7.04	-139	17.9	2718	NS	NS	NS	NS
03/19/13	1.69	5.67	-45	6.1	2178	NS	NS	NS	NS
09/28/14	WELL ABANDONED AND REMOVED DURING EXCAVATION PROJECT								
11/04/14	MW-5 REPLACED WITH MW-5R								
03/10/15	2.43	6.17	12	8.5	1129	NS	NS	NS	NS
06/10/15	1.79	7.53	84	13.3	1101	NS	NS	NS	NS
09/10/15	1.10	7.09	-73	15.6	610	NS	NS	NS	NS
12/09/15	5.53	7.42	73	11.6	782	NS	NS	NS	NS
06/08/16	3.33	7.30	201	12.5	641	NS	NS	NS	NS
12/06/16	2.21	6.63	114	14.0	1347	NS	NS	NS	NS
06/06/17	3.84	7.46	214	12.2	1257	NS	NS	NS	NS
12/04/17	2.37	7.28	102	10.3	2118	NS	NS	NS	NS
08/16/18	1.03	8.04	84	17.4	1916	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

ORP = Oxidation Reduction Potential

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

Monitoring Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	0.98	6.74	-51	9.7	1637	NS	NS	NS	NS
05/21/12	1.10	7.2	-128	13.9	2389	NS	NS	NS	NS
08/20/12	0.21	7.08	-136	17.2	2264	NS	NS	NS	NS
03/19/13	2.35	5.77	-57	6.7	2217	NS	NS	NS	NS
03/10/15	2.27	5.65	-8	9.1	1147	NS	NS	NS	NS
06/10/15	1.51	7.18	-145	13.1	1765	NS	NS	NS	NS
09/10/15	1.02	7.06	-178	15.7	892	NS	NS	NS	NS
12/09/15	2.71	7.12	-67	11.5	1126	NS	NS	NS	NS
06/08/16	2.86	6.98	-115	12.8	792	NS	NS	NS	NS
12/06/16	0.92	6.87	-3	14.5	1416	NS	NS	NS	NS
06/06/17	2.03	7.15	27	12.5	1016	NS	NS	NS	NS
12/04/17	1.07	6.69	-18	10.9	487	NS	NS	NS	NS
08/16/18	0.84	7.74	-84	17.1	2115	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

ORP = Oxidation Reduction Potential

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



**A.7 Other**  
**Groundwater NA Indicator Results**  
**Walkers One Stop BRRTS# 03-33-001415**

**Monitoring Well MW-7**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	1.58	6.7	68	8.7	3034	NS	NS	NS	NS
05/21/12	0.82	7.15	-73	11.9	2889	NS	NS	NS	NS
08/20/12	0.27	7.2	-122	15.7	3555	NS	NS	NS	NS
03/19/13	2.55	5.80	14	4.8	4475.0	NS	NS	NS	NS
03/10/15	3.17	4.56	-81	7.2	8	NS	NS	NS	NS
06/10/15	2.00	7.6	-62	15.4	2423	NS	NS	NS	NS
09/10/15	2.19	6.88	22	15.8	1276	NS	NS	NS	NS
12/09/15	3.29	7.27	-64	11.8	1295	NS	NS	NS	NS
06/08/16	3.08	7.16	-134	12.9	1123	NS	NS	NS	NS
12/06/16	1.03	6.68	4	14.3	1216	NS	NS	NS	NS
06/06/17	2.20	7.23	32	12.5	636	NS	NS	NS	NS
12/04/17	1.41	7	57	11.0	1346	NS	NS	NS	NS
08/16/18	1.42	7.88	-21	16.2	3212	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES – Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured

ORP = Oxidation Reduction Potential

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

**Monitoring Well MW-8**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	1.33	6.64	208	10.6	10	1.2	148	280	381
05/21/12	1.72	6.98	206	14.1	4021	NS	NS	NS	NS
08/20/12	0.75	7.00	243	16.6	1259	NS	NS	NS	NS
03/19/13	3.33	5.93	292	7.1	107	NS	NS	NS	NS
03/10/15	3.10	5.35	183	8.5	3279	NS	NS	NS	NS
06/10/15	3.12	7.41	238	12.5	3463	NS	NS	NS	NS
09/10/15	3.28	6.92	222	15.5	1376	NS	NS	NS	NS
12/09/15	3.43	7.24	-66	11.2	18	NS	NS	NS	NS
06/08/16	2.56	7.05	-39	13.1	1410	NS	NS	NS	NS
12/06/16	1.83	6.51	164	14.2	859	NS	NS	NS	NS
06/06/17	3.61	7.15	233	11.8	1844	NS	NS	NS	NS
12/04/17	3.68	6.92	167	10.1	811	NS	NS	NS	NS
08/16/18	1.10	7.74	147	15.5	4047	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES – Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured

ORP = Oxidation Reduction Potential

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

**Monitoring Well MW-9**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	2.34	6.71	182	9.9	1873	2.2	120	220	99.6
05/21/12	1.14	7.04	202	13.4	3009	NS	NS	NS	NS
08/20/12	2.99	7.05	126	16.7	4403	NS	NS	NS	NS
03/19/13	4.65	5.78	322	6.3	3876	NS	NS	NS	NS
03/10/15	3.15	5.24	133	8.8	955	NS	NS	NS	NS
06/10/15	3.91	7.62	284	13.8	2500	NS	NS	NS	NS
09/10/15	4.15	6.73	286	15.4	1179	NS	NS	NS	NS
12/09/15	4.98	6.67	262	11.6	1690	NS	NS	NS	NS
06/08/16	4.32	6.75	218	13.4	1387	NS	NS	NS	NS
12/06/16	5.96	7.27	261	14.3	1110	NS	NS	NS	NS
06/06/17	5.68	7.02	333	12.3	1378	NS	NS	NS	NS
12/04/17	7.18	7.06	297	10.3	1261	NS	NS	NS	NS
08/16/18	3.77	7.77	271	16.5	2637	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES – Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured

ORP = Oxidation Reduction Potential

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

**A.7 Other**  
**Groundwater NA Indicator Results**  
**Walkers One Stop BRRTS# 03-33-001415**

**Monitoring Well MW-10**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Manganese (ppb)
2/20-21/12	2.28	6.57	227	8.3	763	1.0	104	250	618
05/21/12	1.37	7.03	156	11.4	1067	NS	NS	NS	NS
08/20/12	0.93	6.93	201	14.6	1252	NS	NS	NS	NS
03/19/13	8.67	5.69	253	4.1	684	NS	NS	NS	NS
03/10/15	3.39	5.25	237	7.8	672	NS	NS	NS	NS
06/10/15	1.92	7.37	309	12.4	1115	NS	NS	NS	NS
09/10/15	3.66	6.54	210	15.7	1029	NS	NS	NS	NS
12/09/15	2.93	7.12	237	10.2	931	NS	NS	NS	NS
06/08/16	2.33	6.7	260	11.2	697	NS	NS	NS	NS
12/06/16	3.96	6.94	253	14.1	1247	NS	NS	NS	NS
06/06/17	4.28	6.91	287	12.4	1198	NS	NS	NS	NS
12/04/17	6.18	6.87	284	10.7	612	NS	NS	NS	NS
08/16/18	1.58	7.36	273	15.0	1037	NS	NS	NS	NS
<b>ENFORCEMENT STANDARD = ES - Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured

ORP = Oxidation Reduction Potential

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

## Vapor Pin® Installation & Soil Vapor Sampling

Project Name: Walkers One Stop  
Field Personnel: J. LaRue

Project #: B1807897

Equipment:  Vapor Pin® Kit with tools  Hammer Drill  Shop-Vac  PID #: \_\_\_\_\_  
Other: \_\_\_\_\_

Start 05:30  
Depart 09:00  
Arrive 08:45  
Start Drilling 09:  
Pin install 09:  
Pin leak test 09:25  
Verify airtight 09:  
Neg. Pressure 09:11  
Purge 100mL 09:4  
Depart 11:00  
Return 14:00  
Done 14:45

### Vapor Pin® Installation

Installation Date: 8-20-18

Installation Type:

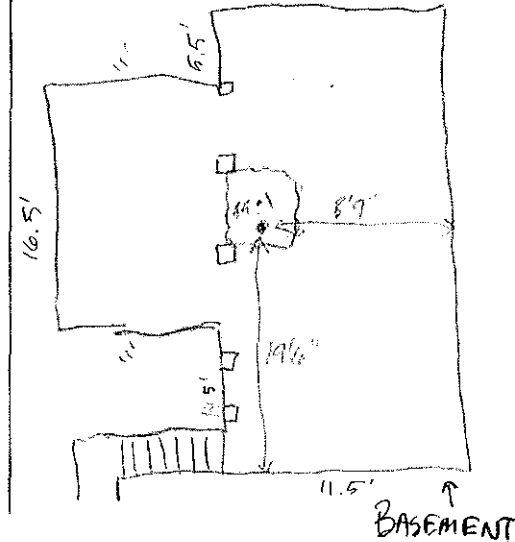
Temporary  Permanent  
If Permanent, Cover Type:  
 Stainless Steel  Plastic

Concrete Thickness: 2.3" inches

New Silicon Sleeve  
 New Vapor Pin® Cap  
 Concrete Patch (if temporary)

Comments: \_\_\_\_\_

Sketch of pin location with measurements to walls



### Soil Gas Sampling

Sample Identifier: SS-1 Sampling Date: 8-20-18

Sample Depth:  Sub-Slab  \_\_\_\_\_ Feet

Purged air prior to sampling with:

Pump  Syringe  Other \_\_\_\_\_

Amount purged: 100 mL

Sampling Canister:  1 Liter  6 Liter

Flow Controller:  200 mL/min  Other: \_\_\_\_\_

	Collection Time:	Canister Vacuum (" Hg):
Start:	09:48	20"
End:	10:20	8"

PID Reading (ppm):	
Canister #:	1510
Flow Controller #:	1582

Additional Comments: \_\_\_\_\_

Compound/Parameter	CAS No.	
		SS-1
		08/20/2018
		Result
<b>Volatile Organic Compounds (ug/m3)</b>		
Acetone	67-64-1	27.7
Benzene	71-43-2	1.5
Benzyl chloride	100-44-7	<4.7
Bromodichloromethane	75-27-4	<2.4
Bromoform	75-25-2	<9.4
Bromomethane	74-83-9	<1.4
1,3-Butadiene	106-99-0	<0.81
2-Butanone (MEK)	78-93-3	<5.4
Carbon disulfide	75-15-0	2.4
Carbon tetrachloride	56-23-5	<2.3
Chlorobenzene	108-90-7	<1.7
Chloroethane	75-00-3	<0.96
Chloroform	67-66-3	<0.89
Chloromethane	74-87-3	<0.75
Cyclohexane	110-82-7	4.7
Dibromochloromethane	124-48-1	<3.1
1,2-Dibromoethane	106-93-4	<1.4
1,2-Dichlorobenzene	95-50-1	<2.2
1,3-Dichlorobenzene	541-73-1	<2.2
1,4-Dichlorobenzene	106-46-7	<5.5
Dichlorodifluoromethane	75-71-8	198
1,1-Dichloroethane	75-34-3	<1.5
1,2-Dichloroethane	107-06-2	<0.74
1,1-Dichloroethene	75-35-4	<1.4
cis-1,2-Dichloroethene	156-59-2	<1.4
trans-1,2-Dichloroethene	156-60-5	<1.4
1,2-Dichloropropane	78-87-5	<1.7
cis-1,3-Dichloropropene	10061-01-5	<1.7
trans-1,3-Dichloropropene	10061-02-6	<1.7
1,2-	76-14-2	<2.5
Ethanol	64-17-5	10.3
Ethyl acetate	141-78-6	<1.3
Ethylbenzene	100-41-4	4.7
4-Ethyltoluene	622-96-8	<4.5
n-Heptane	142-82-5	10.7
Hexachlorobutadiene	87-68-3	<9.7
n-Hexane	110-54-3	11.9
2-Hexanone (methyl butyl	591-78-6	<7.4
Methylene chloride	75-09-2	<6.3
4-Methyl-2-pentanone (MIBK)	108-10-1	<7.4
Methyl-tert-butyl ether	1634-04-4	<6.6
Naphthalene	91-20-3	<4.8
Isopropyl alcohol	67-63-0	107
Propylene	115-07-1	<0.63
Styrene	100-42-5	1.6
1,1,2,2-Tetrachloroethane	79-34-5	<1.2
Tetrachloroethene	127-18-4	4.6
Tetrahydrofuran	109-99-9	<1.1
Toluene	108-88-3	8.6
1,2,4-Trichlorobenzene	120-82-1	<13.5
1,1,1-Trichloroethane	71-55-6	<2.0
1,1,2-Trichloroethane	79-00-5	<0.99
Trichloroethene	79-01-6	<0.98
Trichlorofluoromethane	75-69-4	<2.0
Freon TF	76-13-1	<2.8
1,2,4-Trimethylbenzene	95-63-6	5.0
1,3,5-Trimethylbenzene	108-67-8	<1.8
Vinyl acetate	108-05-4	<1.3
Vinyl chloride	75-01-4	<0.47
m- & p-Xylenes	179601-23-1	5.8
o-Xylene	95-47-6	2.4
All other Reported Volatile	---	
Benzoic acid, 2-[[trime	3789-85-3	6.4 J <sup>[1]</sup>
Bicyclo[3.1.0]hex-2-ene	2867-05-2	0.51 J <sup>[1]</sup>
Cyclotrisiloxane, hexame	541-05-9	5.0 J <sup>[1]</sup>
Dodecane	112-40-3	9.1 J <sup>[1]</sup>
Nonadecane	629-92-5	3.2 J <sup>[1]</sup>
Nonane, 3-methyl-	5911-04-6	3.5 J <sup>[1]</sup>
Octane, 4-ethyl-	15869-86-0	0.64 J <sup>[1]</sup>
Silanol, trimethyl-	1066-40-6	7.9 J <sup>[1]</sup>
Undecane, 3-methyl-	1002-43-3	8.3 J <sup>[1]</sup>
Unknown		0.91 J

Notes:

[1] [N] The reported TIC has an 85% or higher match on a mass spectral library search.





August 27, 2018

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

RE: Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

Dear Nicholas Stingl:

Enclosed are the analytical results for sample(s) received by the laboratory on August 21, 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: B1807897 Walkers One Stop  
Pace Project No.: 10444163

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### Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485	Minnesota Certification #: 027-053-137
A2LA Certification #: 2926.01	Minnesota Dept of Ag Certification #: via MN 027-053-137
Alabama Certification #: 40770	Minnesota Petrofund Certification #: 1240
Alaska Contaminated Sites Certification #: 17-009	Mississippi Certification #: MN00064
Alaska DW Certification #: MN00064	Montana Certification #: CERT0092
Arizona Certification #: AZ0014	Nebraska Certification #: NE-OS-18-06
Arkansas DW Certification #: MN00064	Nevada Certification #: MN00064
Arkansas WW Certification #: 88-0680	New Hampshire Certification #: 2081
California Certification #: 2929	New Jersey Certification #: MN002
CNMI Saipan Certification #: MP0003	New York Certification #: 11647
Colorado Certification #: MN00064	North Carolina DW Certification #: 27700
Connecticut Certification #: PH-0256	North Carolina WW Certification #: 530
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	North Dakota Certification #: R-036
Florida Certification #: E87605	Ohio DW Certification #: 41244
Georgia Certification #: 959	Ohio VAP Certification #: CL101
Guam EPA Certification #: MN00064	Oklahoma Certification #: 9507
Hawaii Certification #: MN00064	Oregon NwTPH Certification #: MN300001
Idaho Certification #: MN00064	Oregon Secondary Certification #: MN200001
Illinois Certification #: 200011	Pennsylvania Certification #: 68-00563
Indiana Certification #: C-MN-01	Puerto Rico Certification #: MN00064
Iowa Certification #: 368	South Carolina Certification #: 74003001
Kansas Certification #: E-10167	Tennessee Certification #: TN02818
Kentucky DW Certification #: 90062	Texas Certification #: T104704192
Kentucky WW Certification #: 90062	Utah Certification #: MN00064
Louisiana DEQ Certification #: 03086	Virginia Certification #: 460163
Louisiana DW Certification #: MN00064	Washington Certification #: C486
Maine Certification #: MN00064	West Virginia DW Certification #: 9952 C
Maryland Certification #: 322	West Virginia DEP Certification #: 382
Massachusetts Certification #: M-MN064	Wisconsin Certification #: 999407970
Michigan Certification #: 9909	Wyoming UST Certification #: via A2LA 2926.01

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### SAMPLE SUMMARY

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
10444163001	SS-1	Air	08/20/18 10:20	08/21/18 11:50

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### SAMPLE ANALYTE COUNT

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10444163001	SS-1	TO-15	MJL	80	PASI-M

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### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

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**Method:** TO-15  
**Description:** TO15 MSV AIR (TICS)  
**Client:** Braun-BLM  
**Date:** August 27, 2018

**General Information:**

1 sample was 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.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

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: B1807897 Walkers One Stop  
Pace Project No.: 10444163

Sample: SS-1      Lab ID: 10444163001      Collected: 08/20/18 10:20      Received: 08/21/18 11:50      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR (TICS)</b>		Analytical Method: TO-15							
Acetone	27.7	ug/m3	4.3	2.2	1.79		08/24/18 21:48	67-64-1	
Benzene	1.5	ug/m3	0.58	0.27	1.79		08/24/18 21:48	71-43-2	
Benzyl chloride	ND	ug/m3	4.7	2.1	1.79		08/24/18 21:48	100-44-7	
Bromodichloromethane	ND	ug/m3	2.4	0.66	1.79		08/24/18 21:48	75-27-4	
Bromoform	ND	ug/m3	9.4	2.5	1.79		08/24/18 21:48	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.41	1.79		08/24/18 21:48	74-83-9	
1,3-Butadiene	ND	ug/m3	0.81	0.23	1.79		08/24/18 21:48	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.4	0.66	1.79		08/24/18 21:48	78-93-3	
Carbon disulfide	2.4	ug/m3	1.1	0.39	1.79		08/24/18 21:48	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.3	0.77	1.79		08/24/18 21:48	56-23-5	
Chlorobenzene	ND	ug/m3	1.7	0.49	1.79		08/24/18 21:48	108-90-7	
Chloroethane	ND	ug/m3	0.96	0.47	1.79		08/24/18 21:48	75-00-3	
Chloroform	ND	ug/m3	0.89	0.35	1.79		08/24/18 21:48	67-66-3	
Chloromethane	ND	ug/m3	0.75	0.28	1.79		08/24/18 21:48	74-87-3	
Cyclohexane	4.7	ug/m3	3.1	0.63	1.79		08/24/18 21:48	110-82-7	
Dibromochloromethane	ND	ug/m3	3.1	1.3	1.79		08/24/18 21:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.66	1.79		08/24/18 21:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.2	0.89	1.79		08/24/18 21:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.2	1.0	1.79		08/24/18 21:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.5	1.8	1.79		08/24/18 21:48	106-46-7	
Dichlorodifluoromethane	198	ug/m3	1.8	0.52	1.79		08/24/18 21:48	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.5	0.40	1.79		08/24/18 21:48	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.74	0.27	1.79		08/24/18 21:48	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.49	1.79		08/24/18 21:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.39	1.79		08/24/18 21:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.51	1.79		08/24/18 21:48	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.7	0.41	1.79		08/24/18 21:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.7	0.54	1.79		08/24/18 21:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.7	0.79	1.79		08/24/18 21:48	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.5	0.78	1.79		08/24/18 21:48	76-14-2	
Ethanol	10.3	ug/m3	3.4	1.5	1.79		08/24/18 21:48	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.34	1.79		08/24/18 21:48	141-78-6	
Ethylbenzene	4.7	ug/m3	1.6	0.55	1.79		08/24/18 21:48	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.5	1.0	1.79		08/24/18 21:48	622-96-8	
n-Heptane	10.7	ug/m3	1.5	0.68	1.79		08/24/18 21:48	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.7	3.5	1.79		08/24/18 21:48	87-68-3	
n-Hexane	11.9	ug/m3	1.3	0.56	1.79		08/24/18 21:48	110-54-3	
2-Hexanone	ND	ug/m3	7.4	1.3	1.79		08/24/18 21:48	591-78-6	
Methylene Chloride	ND	ug/m3	6.3	1.7	1.79		08/24/18 21:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.4	0.93	1.79		08/24/18 21:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.6	1.2	1.79		08/24/18 21:48	1634-04-4	
Naphthalene	ND	ug/m3	4.8	2.4	1.79		08/24/18 21:48	91-20-3	
2-Propanol	107	ug/m3	4.5	1.2	1.79		08/24/18 21:48	67-63-0	
Propylene	ND	ug/m3	0.63	0.26	1.79		08/24/18 21:48	115-07-1	
Styrene	1.6	ug/m3	1.6	0.62	1.79		08/24/18 21:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.52	1.79		08/24/18 21:48	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

Sample: SS-1      Lab ID: 10444163001      Collected: 08/20/18 10:20      Received: 08/21/18 11:50      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)		Analytical Method: TO-15							
Tetrachloroethene	4.6	ug/m3	1.2	0.56	1.79		08/24/18 21:48	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.1	0.47	1.79		08/24/18 21:48	109-99-9	
Toluene	8.6	ug/m3	1.4	0.63	1.79		08/24/18 21:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.5	6.7	1.79		08/24/18 21:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.55	1.79		08/24/18 21:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.99	0.45	1.79		08/24/18 21:48	79-00-5	
Trichloroethene	ND	ug/m3	0.98	0.46	1.79		08/24/18 21:48	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.0	0.66	1.79		08/24/18 21:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.8	1.0	1.79		08/24/18 21:48	76-13-1	
1,2,4-Trimethylbenzene	5.0	ug/m3	1.8	0.81	1.79		08/24/18 21:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.8	0.71	1.79		08/24/18 21:48	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.48	1.79		08/24/18 21:48	108-05-4	
Vinyl chloride	ND	ug/m3	0.47	0.23	1.79		08/24/18 21:48	75-01-4	
m&p-Xylene	5.8	ug/m3	3.2	1.3	1.79		08/24/18 21:48	179601-23-1	
o-Xylene	2.4	ug/m3	1.6	0.62	1.79		08/24/18 21:48	95-47-6	
<b>Tentatively Identified Compounds</b>									
Unknown	197J	ppbv			1.79		08/24/18 21:48		
Unknown	9.3J	ppbv			1.79		08/24/18 21:48		
Unknown	4.8J	ppbv			1.79		08/24/18 21:48		
Silanol, trimethyl-	7.9J	ppbv			1.79		08/24/18 21:48	1066-40-6	N
Unknown	2.8J	ppbv			1.79		08/24/18 21:48		
Unknown	0.91J	ppbv			1.79		08/24/18 21:48		
Cyclotrisiloxane, hexame	5.0J	ppbv			1.79		08/24/18 21:48	541-05-9	N
Bicyclo[3.1.0]hex-2-ene	0.51J	ppbv			1.79		08/24/18 21:48	2867-05-2	N
Octane, 4-ethyl-	0.64J	ppbv			1.79		08/24/18 21:48	15869-86-0	N
Nonane, 3-methyl-	3.5J	ppbv			1.79		08/24/18 21:48	5911-04-6	N
Unknown	2.3J	ppbv			1.79		08/24/18 21:48		
Unknown	0.92J	ppbv			1.79		08/24/18 21:48		
Unknown	0.87J	ppbv			1.79		08/24/18 21:48		
Nonadecane	3.2J	ppbv			1.79		08/24/18 21:48	629-92-5	N
Unknown	1.5J	ppbv			1.79		08/24/18 21:48		
Benzoic acid, 2-[(trime	6.4J	ppbv			1.79		08/24/18 21:48	3789-85-3	N
Unknown	2.5J	ppbv			1.79		08/24/18 21:48		
Undecane, 3-methyl-	8.3J	ppbv			1.79		08/24/18 21:48	1002-43-3	N
Dodecane	9.1J	ppbv			1.79		08/24/18 21:48	112-40-3	N

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

QC Batch: 558930 Analysis Method: TO-15  
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level  
Associated Lab Samples: 10444163001

METHOD BLANK: 3034469 Matrix: Air  
Associated Lab Samples: 10444163001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.56	08/24/18 11:13	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.35	08/24/18 11:13	
1,1,2-Trichloroethane	ug/m3	ND	0.28	08/24/18 11:13	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.78	08/24/18 11:13	
1,1-Dichloroethane	ug/m3	ND	0.41	08/24/18 11:13	
1,1-Dichloroethene	ug/m3	ND	0.40	08/24/18 11:13	
1,2,4-Trichlorobenzene	ug/m3	ND	3.8	08/24/18 11:13	
1,2,4-Trimethylbenzene	ug/m3	ND	0.50	08/24/18 11:13	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.39	08/24/18 11:13	
1,2-Dichlorobenzene	ug/m3	ND	0.61	08/24/18 11:13	
1,2-Dichloroethane	ug/m3	ND	0.21	08/24/18 11:13	
1,2-Dichloropropane	ug/m3	ND	0.47	08/24/18 11:13	
1,3,5-Trimethylbenzene	ug/m3	ND	0.50	08/24/18 11:13	
1,3-Butadiene	ug/m3	ND	0.22	08/24/18 11:13	
1,3-Dichlorobenzene	ug/m3	ND	0.61	08/24/18 11:13	
1,4-Dichlorobenzene	ug/m3	ND	1.5	08/24/18 11:13	
2-Butanone (MEK)	ug/m3	ND	1.5	08/24/18 11:13	
2-Hexanone	ug/m3	ND	2.1	08/24/18 11:13	
2-Propanol	ug/m3	ND	1.2	08/24/18 11:13	
4-Ethyltoluene	ug/m3	ND	1.2	08/24/18 11:13	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	2.1	08/24/18 11:13	
Acetone	ug/m3	ND	1.2	08/24/18 11:13	
Benzene	ug/m3	ND	0.16	08/24/18 11:13	
Benzyl chloride	ug/m3	ND	1.3	08/24/18 11:13	
Bromodichloromethane	ug/m3	ND	0.68	08/24/18 11:13	
Bromoform	ug/m3	ND	2.6	08/24/18 11:13	
Bromomethane	ug/m3	ND	0.39	08/24/18 11:13	
Carbon disulfide	ug/m3	ND	0.32	08/24/18 11:13	
Carbon tetrachloride	ug/m3	ND	0.64	08/24/18 11:13	
Chlorobenzene	ug/m3	ND	0.47	08/24/18 11:13	
Chloroethane	ug/m3	ND	0.27	08/24/18 11:13	
Chloroform	ug/m3	ND	0.25	08/24/18 11:13	
Chloromethane	ug/m3	ND	0.21	08/24/18 11:13	
cis-1,2-Dichloroethene	ug/m3	ND	0.40	08/24/18 11:13	
cis-1,3-Dichloropropene	ug/m3	ND	0.46	08/24/18 11:13	
Cyclohexane	ug/m3	ND	0.88	08/24/18 11:13	
Dibromochloromethane	ug/m3	ND	0.86	08/24/18 11:13	
Dichlorodifluoromethane	ug/m3	ND	0.50	08/24/18 11:13	
Dichlorotetrafluoroethane	ug/m3	ND	0.71	08/24/18 11:13	
Ethanol	ug/m3	ND	0.96	08/24/18 11:13	
Ethyl acetate	ug/m3	ND	0.37	08/24/18 11:13	

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### QUALITY CONTROL DATA

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

METHOD BLANK: 3034469 Matrix: Air  
Associated Lab Samples: 10444163001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.44	08/24/18 11:13	
Hexachloro-1,3-butadiene	ug/m3	ND	2.7	08/24/18 11:13	
m&p-Xylene	ug/m3	ND	0.88	08/24/18 11:13	
Methyl-tert-butyl ether	ug/m3	ND	1.8	08/24/18 11:13	
Methylene Chloride	ug/m3	ND	1.8	08/24/18 11:13	
n-Heptane	ug/m3	ND	0.42	08/24/18 11:13	
n-Hexane	ug/m3	ND	0.36	08/24/18 11:13	
Naphthalene	ug/m3	ND	1.3	08/24/18 11:13	
o-Xylene	ug/m3	ND	0.44	08/24/18 11:13	
Propylene	ug/m3	ND	0.18	08/24/18 11:13	
Styrene	ug/m3	ND	0.43	08/24/18 11:13	
Tetrachloroethene	ug/m3	ND	0.34	08/24/18 11:13	
Tetrahydrofuran	ug/m3	ND	0.30	08/24/18 11:13	
Toluene	ug/m3	ND	0.38	08/24/18 11:13	
trans-1,2-Dichloroethene	ug/m3	ND	0.40	08/24/18 11:13	
trans-1,3-Dichloropropene	ug/m3	ND	0.46	08/24/18 11:13	
Trichloroethene	ug/m3	ND	0.27	08/24/18 11:13	
Trichlorofluoromethane	ug/m3	ND	0.57	08/24/18 11:13	
Vinyl acetate	ug/m3	ND	0.36	08/24/18 11:13	
Vinyl chloride	ug/m3	ND	0.13	08/24/18 11:13	

LABORATORY CONTROL SAMPLE: 3034470

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	49.0	88	70-135	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	66.7	96	70-146	
1,1,2-Trichloroethane	ug/m3	55.5	50.0	90	70-135	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	71.2	91	63-139	
1,1-Dichloroethane	ug/m3	41.1	35.5	86	70-134	
1,1-Dichloroethene	ug/m3	40.3	34.1	85	70-137	
1,2,4-Trichlorobenzene	ug/m3	75.4	66.9	89	60-133	
1,2,4-Trimethylbenzene	ug/m3	50	52.7	105	70-137	
1,2-Dibromoethane (EDB)	ug/m3	78.1	72.0	92	70-140	
1,2-Dichlorobenzene	ug/m3	61.1	64.7	106	70-137	
1,2-Dichloroethane	ug/m3	41.1	36.1	88	70-136	
1,2-Dichloropropane	ug/m3	47	42.1	90	70-136	
1,3,5-Trimethylbenzene	ug/m3	50	53.1	106	70-133	
1,3-Butadiene	ug/m3	22.5	18.5	82	64-141	
1,3-Dichlorobenzene	ug/m3	61.1	56.6	93	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	56.9	93	70-134	
2-Butanone (MEK)	ug/m3	30	26.6	89	65-143	
2-Hexanone	ug/m3	41.6	35.0	84	60-148	
2-Propanol	ug/m3	125	108	87	65-135	
4-Ethyltoluene	ug/m3	50	52.3	105	70-132	

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### QUALITY CONTROL DATA

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

LABORATORY CONTROL SAMPLE: 3034470

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	35.9	86	70-135	
Acetone	ug/m3	121	105	87	59-132	
Benzene	ug/m3	32.5	29.4	91	70-134	
Benzyl chloride	ug/m3	52.6	40.9	78	56-150	
Bromodichloromethane	ug/m3	68.1	62.0	91	70-142	
Bromoform	ug/m3	105	91.8	87	69-150	
Bromomethane	ug/m3	39.5	30.4	77	61-141	
Carbon disulfide	ug/m3	31.6	27.8	88	66-134	
Carbon tetrachloride	ug/m3	64	58.7	92	60-145	
Chlorobenzene	ug/m3	46.8	43.8	94	70-130	
Chloroethane	ug/m3	26.8	21.5	80	65-143	
Chloroform	ug/m3	49.6	43.6	88	70-132	
Chloromethane	ug/m3	21	18.5	88	58-140	
cis-1,2-Dichloroethene	ug/m3	40.3	36.7	91	70-136	
cis-1,3-Dichloropropene	ug/m3	46.1	43.0	93	70-136	
Cyclohexane	ug/m3	35	31.2	89	70-133	
Dibromochloromethane	ug/m3	86.6	80.3	93	68-149	
Dichlorodifluoromethane	ug/m3	50.3	42.5	84	69-130	
Dichlorotetrafluoroethane	ug/m3	71	59.6	84	68-130	
Ethanol	ug/m3	91.6	80.0	87	65-146	
Ethyl acetate	ug/m3	36.6	29.9	82	68-136	
Ethylbenzene	ug/m3	44.1	42.3	96	70-133	
Hexachloro-1,3-butadiene	ug/m3	108	98.1	91	59-140	
m&p-Xylene	ug/m3	88.3	87.0	99	70-133	
Methyl-tert-butyl ether	ug/m3	36.6	31.8	87	70-132	
Methylene Chloride	ug/m3	177	149	84	67-132	
n-Heptane	ug/m3	41.6	34.6	83	64-136	
n-Hexane	ug/m3	35.8	31.6	88	70-130	
Naphthalene	ug/m3	53.3	42.4	80	55-136	
o-Xylene	ug/m3	44.1	42.2	96	70-132	
Propylene	ug/m3	17.5	14.0	80	37-150	
Styrene	ug/m3	43.3	44.0	102	70-139	
Tetrachloroethene	ug/m3	68.9	66.9	97	70-133	
Tetrahydrofuran	ug/m3	30	24.3	81	62-141	
Toluene	ug/m3	38.3	35.6	93	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	36.5	90	70-132	
trans-1,3-Dichloropropene	ug/m3	46.1	40.5	88	70-135	
Trichloroethene	ug/m3	54.6	51.0	93	70-135	
Trichlorofluoromethane	ug/m3	57.1	47.1	83	59-140	
Vinyl acetate	ug/m3	35.8	30.0	84	57-150	
Vinyl chloride	ug/m3	26	21.3	82	70-141	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

SAMPLE DUPLICATE: 3035158

Parameter	Units	10444498003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	1.5	1.5	1	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	2.3	2.3	2	25	
1,4-Dichlorobenzene	ug/m3	ND	4.2J		25	
2-Butanone (MEK)	ug/m3	4.9	4.6	6	25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	48.7	46.5	5	25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	.88J		25	
Acetone	ug/m3	162	158	2	25	
Benzene	ug/m3	ND	.41J		25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	ND	.86J		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	ND	ND		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	2.7	2.8	3	25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	6.7	6.8	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	120	116	4	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	.67J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	2.6		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	ug/m3	1.8	1.8	3	25	

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### QUALITY CONTROL DATA

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

SAMPLE DUPLICATE: 3035158

Parameter	Units	10444498003 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	1.2	1.3	13	25	
Naphthalene	ug/m3	22.8	24.9	9	25	
o-Xylene	ug/m3	ND	1J		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	6.7	6.4	5	25	
Tetrahydrofuran	ug/m3	14.3	13.6	5	25	
Toluene	ug/m3	8.6	9.3	7	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	24.7	24.8	0	25	
Vinyl acetate	ug/m3	ND	.72J		25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 3035159

Parameter	Units	10444163001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,1,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	5.0	4.9	1	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	1.7J		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	ND		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	107	105	1	25	
4-Ethyltoluene	ug/m3	ND	1.2J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	1.1J		25	
Acetone	ug/m3	27.7	27.1	2	25	
Benzene	ug/m3	1.5	1.5	2	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	

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### QUALITY CONTROL DATA

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

SAMPLE DUPLICATE: 3035159

Parameter	Units	10444163001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	2.4	2.3	6	25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	ND	ND		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	4.7	4.8	2	25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	198	193	2	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	10.3	10.3	0	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	4.7	4.7	0	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	5.8	6.1	4	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	2.5J		25	
n-Heptane	ug/m3	10.7	10.3	4	25	
n-Hexane	ug/m3	11.9	11.6	3	25	
Naphthalene	ug/m3	ND	4.1J		25	
o-Xylene	ug/m3	2.4	2.3	4	25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	1.6	1.5J		25	
Tetrachloroethene	ug/m3	4.6	4.1	13	25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	8.6	8.6	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	ND	1.4J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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## QUALIFIERS

Project: B1807897 Walkers One Stop  
Pace Project No.: 10444163

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### 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

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: B1807897 Walkers One Stop  
Pace Project No.: 10444163

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10444163001	SS-1	TO-15	558930		

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### REPORT OF LABORATORY ANALYSIS

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# AIR: CHAIN-OF-CUSTODY /

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant

WO#: 10444163



36401

Page: 1 of 1

**Section A**  
Required Client Information:

**Section B**  
Required Project Information:

**Section C**  
Invoice Information:

Company: Braun Intertex  
Address: 2309 Palace Street  
La Crosse, WI 54603  
Email To: Nstingl@braunintertex.com  
Phone: 608-781-7277 Fax:  
Requested Due Date/TAT:

Report To: Nick Stingl  
Copy To:  
Purchase Order No.:  
Project Name: Walkers One Stop  
Project Number: 21807897

Attention: Nick Stingl  
Company Name: Braun Intertex  
Address: 2309 Palace Street, La Crosse, WI 54603  
Pace Quote Reference:  
Pace Project Manager/Sales Rep.  
Pace Profile #:

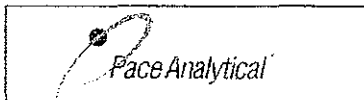
Program  
 UST  Superfund  Emissions  Clean Air Act  
 Voluntary Clean Up  Dry Clean  RCRA  Other  
Location of Sampling by State: WI  
Reporting Units: ug/m<sup>3</sup> mg/m<sup>3</sup>  
PPBV PPMV  
Other:  
Report Level: II III IV Other

ITEM #	Section D Required Client Information <b>AIR SAMPLE ID</b> Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 5 Liter Summa Can 5LC 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						PH10	3c - Fixed Gas (%)	TO-3 BTX	TO-3M (Methanes)	TO-14	To-15 Full List VOCs	To-15 Short List BTX		To-15 Short List Chlorinated
					DATE	TIME	DATE	TIME													
1	SS-1		6LC		8-20-18	09:48	8-20-18	10:20	30"	8"	1570	1582								001	
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Jared Labue / Braun Intertex	8-20-18	15:00	W. RAPE	8-21-18	1150	Y/N Y/N Y/N Y/N Y/N

SAMPLER NAME AND SIGNATURE  
PRINT Name of SAMPLER: Jared Labue  
SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YY) 08/20/2018

ORIGINAL



Document Name:  
Air Sample Condition Upon Receipt  
Document No.:  
F-MN-A-106-rev.15

Document Revised: 02May2018  
Page 1 of 1  
Issuing Authority:  
Pace Minnesota Quality Office

**Air Sample Condition Upon Receipt**

Client Name: Braun Intertec

Project #:

**WO# : 10444163**  
PM: BM2 Due Date: 08/28/18  
CLIENT: Braun-BLM

Courier:  Fed Ex  UPS  Speedee  Client  
 Commercial  Pace  Other: \_\_\_\_\_

Tracking Number: 4545 9905 0976

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present?  Yes  No Seals Intact?  Yes  No

Packing Material:  Bubble Wrap  Bubble Bags  Foam  None  Tin Can  Other: \_\_\_\_\_ Temp Blank rec:  Yes  No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermom. Used:  G87A9170600254  G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 8-21-18 AG

Type of ice Received  Blue  Wet  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: <u>FFFT</u>					Pressure Gauge # <u>10AIR26</u>				
Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
<u>SS-1</u>			<u>-7.5</u>	<u>+10</u>					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required?  Yes  No

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Comments/Resolution: \_\_\_\_\_

Project Manager Review: BA VC Date: 8/21/18

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

TOM WALKER  
TOM WALKER  
1500 WALKER ROAD  
GRATIOT, WI 53541

Report Date 23-Aug-18

Project Name WALKERS ONE STOP  
Project #

Invoice # E35101

Lab Code 5035101A  
Sample ID MW-9  
Sample Matrix Water  
Sample Date 8/16/2018

	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		8/21/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		8/21/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/21/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/21/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		8/21/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/21/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/21/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		8/21/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/21/2018	CJR	1

Lab Code 5035101B  
Sample ID MW-2  
Sample Matrix Water  
Sample Date 8/16/2018

	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		8/21/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		8/21/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/21/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/21/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		8/21/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/21/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/21/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		8/21/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/21/2018	CJR	1



Project Name WALKERS ONE STOP  
Project #

Invoice # E35101

Lab Code 5035101C  
Sample ID MW-10  
Sample Matrix Water  
Sample Date 8/16/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1.09	ug/l	0.22	0.69	1	GRO95/8021		8/21/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		8/21/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/21/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/21/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		8/21/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/21/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/21/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		8/21/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/21/2018	CJR	1

Lab Code 5035101D  
Sample ID MW-8  
Sample Matrix Water  
Sample Date 8/16/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	66	ug/l	0.22	0.69	1	GRO95/8021		8/21/2018	CJR	1
Ethylbenzene	14.4	ug/l	0.53	1.69	1	GRO95/8021		8/21/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/21/2018	CJR	1
Naphthalene	12.1	ug/l	1.7	5.38	1	GRO95/8021		8/21/2018	CJR	1
Toluene	3.11	ug/l	0.45	1.45	1	GRO95/8021		8/21/2018	CJR	1
1,2,4-Trimethylbenzene	26.9	ug/l	0.73	2.33	1	GRO95/8021		8/21/2018	CJR	1
1,3,5-Trimethylbenzene	0.88 "J"	ug/l	0.75	2.39	1	GRO95/8021		8/21/2018	CJR	1
m&p-Xylene	34	ug/l	1	3.17	1	GRO95/8021		8/21/2018	CJR	1
o-Xylene	1.36 "J"	ug/l	0.58	1.84	1	GRO95/8021		8/21/2018	CJR	1

Lab Code 5035101E  
Sample ID MW-5R  
Sample Matrix Water  
Sample Date 8/16/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	36	ug/l	0.22	0.69	1	GRO95/8021		8/22/2018	CJR	1
Ethylbenzene	42	ug/l	0.53	1.69	1	GRO95/8021		8/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/22/2018	CJR	1
Naphthalene	26.6	ug/l	1.7	5.38	1	GRO95/8021		8/22/2018	CJR	1
Toluene	3.07	ug/l	0.45	1.45	1	GRO95/8021		8/22/2018	CJR	1
1,2,4-Trimethylbenzene	87	ug/l	0.73	2.33	1	GRO95/8021		8/22/2018	CJR	1
1,3,5-Trimethylbenzene	4.3	ug/l	0.75	2.39	1	GRO95/8021		8/22/2018	CJR	1
m&p-Xylene	61	ug/l	1	3.17	1	GRO95/8021		8/22/2018	CJR	1
o-Xylene	20.6	ug/l	0.58	1.84	1	GRO95/8021		8/22/2018	CJR	1

Project Name WALKERS ONE STOP  
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Lab Code 5035101F  
 Sample ID MW-1  
 Sample Matrix Water  
 Sample Date 8/16/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	209	ug/l	0.22	0.69	1	GRO95/8021		8/22/2018	CJR	1
Ethylbenzene	24.6	ug/l	0.53	1.69	1	GRO95/8021		8/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/22/2018	CJR	1
Naphthalene	117	ug/l	1.7	5.38	1	GRO95/8021		8/22/2018	CJR	1
Toluene	19.4	ug/l	0.45	1.45	1	GRO95/8021		8/22/2018	CJR	1
1,2,4-Trimethylbenzene	140	ug/l	0.73	2.33	1	GRO95/8021		8/22/2018	CJR	1
1,3,5-Trimethylbenzene	12.7	ug/l	0.75	2.39	1	GRO95/8021		8/22/2018	CJR	1
m&p-Xylene	277	ug/l	1	3.17	1	GRO95/8021		8/22/2018	CJR	1
o-Xylene	19.1	ug/l	0.58	1.84	1	GRO95/8021		8/22/2018	CJR	1

Lab Code 5035101G  
 Sample ID MW-7  
 Sample Matrix Water  
 Sample Date 8/16/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	360	ug/l	2.2	6.9	10	GRO95/8021		8/22/2018	CJR	1
Ethylbenzene	12.9 "J"	ug/l	5.3	16.9	10	GRO95/8021		8/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 5.7	ug/l	5.7	18.2	10	GRO95/8021		8/22/2018	CJR	1
Naphthalene	232	ug/l	17	53.8	10	GRO95/8021		8/22/2018	CJR	1
Toluene	17.1	ug/l	4.5	14.5	10	GRO95/8021		8/22/2018	CJR	1
1,2,4-Trimethylbenzene	17.3 "J"	ug/l	7.3	23.3	10	GRO95/8021		8/22/2018	CJR	1
1,3,5-Trimethylbenzene	< 7.5	ug/l	7.5	23.9	10	GRO95/8021		8/22/2018	CJR	1
m&p-Xylene	36	ug/l	10	31.7	10	GRO95/8021		8/22/2018	CJR	1
o-Xylene	15.8 "J"	ug/l	5.8	18.4	10	GRO95/8021		8/22/2018	CJR	1

Lab Code 5035101H  
 Sample ID MW-4  
 Sample Matrix Water  
 Sample Date 8/16/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	45	ug/l	11	34.5	50	GRO95/8021		8/22/2018	CJR	1
Ethylbenzene	690	ug/l	26.5	84.5	50	GRO95/8021		8/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 28.5	ug/l	28.5	91	50	GRO95/8021		8/22/2018	CJR	1
Naphthalene	340	ug/l	85	269	50	GRO95/8021		8/22/2018	CJR	1
Toluene	35 "J"	ug/l	22.5	72.5	50	GRO95/8021		8/22/2018	CJR	1
1,2,4-Trimethylbenzene	1840	ug/l	36.5	116.5	50	GRO95/8021		8/22/2018	CJR	1
1,3,5-Trimethylbenzene	370	ug/l	37.5	119.5	50	GRO95/8021		8/22/2018	CJR	1
m&p-Xylene	1960	ug/l	50	158.5	50	GRO95/8021		8/22/2018	CJR	1
o-Xylene	267	ug/l	29	92	50	GRO95/8021		8/22/2018	CJR	1

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 Project #

Invoice # E35101

Lab Code 5035101I  
 Sample ID MW-3  
 Sample Matrix Water  
 Sample Date 8/16/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	295	ug/l	11	34.5	50	GRO95/8021		8/22/2018	CJR	1
Ethylbenzene	1990	ug/l	26.5	84.5	50	GRO95/8021		8/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 28.5	ug/l	28.5	91	50	GRO95/8021		8/22/2018	CJR	1
Naphthalene	710	ug/l	85	269	50	GRO95/8021		8/22/2018	CJR	1
Toluene	265	ug/l	22.5	72.5	50	GRO95/8021		8/22/2018	CJR	1
1,2,4-Trimethylbenzene	2390	ug/l	36.5	116.5	50	GRO95/8021		8/22/2018	CJR	1
1,3,5-Trimethylbenzene	201	ug/l	37.5	119.5	50	GRO95/8021		8/22/2018	CJR	1
m&p-Xylene	5200	ug/l	50	158.5	50	GRO95/8021		8/22/2018	CJR	1
o-Xylene	1590	ug/l	29	92	50	GRO95/8021		8/22/2018	CJR	1

Lab Code 5035101J  
 Sample ID MW-6  
 Sample Matrix Water  
 Sample Date 8/16/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	232	ug/l	11	34.5	50	GRO95/8021		8/22/2018	CJR	1
Ethylbenzene	940	ug/l	26.5	84.5	50	GRO95/8021		8/22/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 28.5	ug/l	28.5	91	50	GRO95/8021		8/22/2018	CJR	1
Naphthalene	370	ug/l	85	269	50	GRO95/8021		8/22/2018	CJR	1
Toluene	42 "J"	ug/l	22.5	72.5	50	GRO95/8021		8/22/2018	CJR	1
1,2,4-Trimethylbenzene	1530	ug/l	36.5	116.5	50	GRO95/8021		8/22/2018	CJR	1
1,3,5-Trimethylbenzene	52 "J"	ug/l	37.5	119.5	50	GRO95/8021		8/22/2018	CJR	1
m&p-Xylene	1530	ug/l	50	158.5	50	GRO95/8021		8/22/2018	CJR	1
o-Xylene	262	ug/l	29	92	50	GRO95/8021		8/22/2018	CJR	1

Lab Code 5035101K  
 Sample ID TB  
 Sample Matrix Water  
 Sample Date 8/16/2018

	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		8/21/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		8/21/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		8/21/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		8/21/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		8/21/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		8/21/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		8/21/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		8/21/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/21/2018	CJR	1

**Project Name** WALKERS ONE STOP  
**Project #**

**Invoice #** E35101

"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*

## Environmental Lab, Inc.

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

**Sample Handling Request**

Rush Analysis Date Required \_\_\_\_\_

(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # \_\_\_\_\_  
Account No. : \_\_\_\_\_ Quote No. : \_\_\_\_\_  
Project #: \_\_\_\_\_  
Sampler: (signature) *Tyln Woodke*

Project (Name / Location): *Walker's One Stop / Grattot, WI*

Reports To: *Tom Walker* Invoice To: *Tom Walker*

Company: \_\_\_\_\_ Company: *40 METCO*

Address: *1500 Walker Road* Address: *709 Gillette St. Suite 3*

City State Zip: *Grattot, WI 53541* City State Zip: *Lu Cross, WI 54603*

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 I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation
<i>503S101</i>	<i>A</i>	<i>8/16/18</i>	<i>830</i>			<i>N</i>	<i>3</i>	<i>GW</i>	<i>HE1</i>
	<i>B</i>		<i>900</i>						
	<i>C</i>		<i>925</i>						
	<i>D</i>		<i>940</i>						
	<i>E</i>		<i>1000</i>						
	<i>F</i>		<i>1025</i>						
	<i>G</i>		<i>1045</i>						
	<i>H</i>		<i>1110</i>						
	<i>I</i>		<i>1135</i>						
	<i>J</i>	<i>✓</i>	<i>1200</i>						

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)*

*\* U+C Rates Apply*

*\* Agent Status*

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *C*

Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice:

Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) *Tyln Woodke* Time: *8:00 AM* Date: *8/17/18*

Received By: (sign) \_\_\_\_\_ Time: *10:00* Date: *8/18/18*

Received in Laboratory By: *Chris Ross*