January 10, 2020

Matt Thompson
Department of Natural Resources
1300 W. Clairemont Avenue
Eau Claire, WI 54701

Re: Status Report – Groundwater Sampling Results
Former Hangers Cleaners, 213 North Central Avenue, Marshfield, WI
BRRTS # 02-72-283048
Former Quick Cleaners, 105 E. Arnold Street, Marshfield, WI
BRRTS # 02-72-548229

Dear Matt:

Attached are the laboratory results for the groundwater sampling conducted on November 21-22, 2019 for the two sites listed above. A total of 18 groundwater monitoring wells were sampled for VOCs by EPA Method 8260B. The results have been compiled with previous results on the attached table.

The work at these two sites has been conducted concurrently with costs split evenly due to the co-mingled contaminant plume from the two sites. The highest concentrations appear to be migrating to the north-northeast, approximately along Central Avenue. The groundwater flow direction has been somewhat consistently to the east-northeast, approximately toward the Maple Avenue/Becker Street intersection. The depth to groundwater ranged from approximately 19 feet at the Quick Cleaners site to 13 feet at Associated Sales in this sampling. It should be noted that these current water depths are up to five feet higher than historic levels in this area.

The subsurface geology in this area consists of a silty clay unit, likely glacial till. Occasional silt and sand seams were encountered at depth. It is believed that weathered sandstone bedrock is present beneath the glacial till, but that has not been confirmed in drilling at these two sites, although it was noted in a site investigation at a site to the southeast.

The last sample round at these two sites prior to the November 2019 sampling was in July 2016. In general, concentrations are consistent with historic concentrations measured at the two properties. Concentrations and trends are discussed below. The following abbreviations are used in the text: PCE = tetrachloroethene, TCE = trichloroethene, VC = vinyl chloride.

- At well MW-1, down to side gradient at the former Quick Cleaners site, the concentrations have dropped significantly. The PCE concentration dropped from 10,000 ug/L in July 2016 to 200 ug/L in this round. The cis-1,2-dichloroethene concentration dropped from 1,400 ug/L in 2016 to 6.9 ug/L in 2019. It is MSA's belief that these much lower concentrations may reflect the effects of the source area treatment with potassium permanganate in 2013.

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- At well MW-2, located upgradient to sidegradient of the Quick Cleaners contamination, concentrations are stable to slightly increasing. The increase may be due to the higher groundwater elevations in the last few sample rounds.
- At well MW-3, located downgradient of the Quick Cleaners contamination, concentrations have dropped similarly to those at MW-1, and may be reflective of the source area treatment.
- At MW-5, located upgradient at Quick Cleaners, the PCE concentration dropped from 260 ug/L in 2016 to 180 ug/L in 2019. These concentration are higher than earlier sampling at this well, but may be a result of the higher water table.
- At MW-6, located to the south of the two sites in Maple Avenue, the PCE concentration dropped from 140 ug/L in July 2016 to 60 ug/L in this sample.
- At MW-6P, a piezometer well nested with MW-6, the PCE concentration has been gradually increasing since initial sampling in 2010, but may be stabilizing, with the concentration at 320 ug/L in July 2016 and 330 in November 2019. The vertical gradient in this well nest appears to be downward.
- At well MW-7, located in Maple Avenue east of the two sites, the PCE concentration has been somewhat unstable but gradually increasing, with the highest concentration, 71 ug/L, detected in the November 2019 sample.
- At piezometer well PZ-7, nested with MW-7, a similar pattern is noted, with the PCE concentration gradually increasing to a high of 170 ug/L in November 2019. The vertical gradient in this well nest appears to be upward.
- Well MW-8 is a water table well located downgradient of the two sites. The PCE and TCE concentrations dropped in this well between the 2016 and 2019 sampling. The PCE concentration was 670 ug/L in 2016 and 110 ug/L in 2019.
- Well PZ-8 is a piezometer well nested with MW-8. In this well, the PCE concentration dropped an order of magnitude from 2700 ug/L in 2016 to 470 in 2019. However, the TCE concentration increased slightly from 7.2 ug/L in 2016 to 25 ug/L in 2019. The vertical gradient in this well nest was upward.
- Well MW-9 is located further to the west of MW-8 and downgradient of both sites. The PCE concentration in this well is stable at 240 ug/L. No TCE was detected in this well in the 2019 sample.
- Well PZ-9 is a piezometer well nested with MW-9. The PCE concentration was 2,100 ug/L in 2019 and appears to be stable. The TCE concentration increased to 9.8 ug/L. The vertical gradient in this well nest is upward.

In the wells installed for the former Hanger's Cleaners site, the concentrations at well MW-1 are decreasing, with PCE declining from a high of 3,900 ug/L in 2006 to 200 ug/L in 2019. MSA believes this decrease may be the result of the source area soil excavation at the former Hanger's Cleaner site and the soil chemical remediation at the former Quick Cleaners site. At MW-1P, a piezometer well nested with MW-1, the PCE concentration is 8,600 ug/L, but has decreased from a high of 15,000 ug/L in 2016. TCE concentrations were increasing at MW-1P, but appear to have stabilized. MW-2 was not sampled in 2019, but previous work has demonstrated that concentrations are stable to decreasing at this location. Well MW-3 has always been anomalously clean, and remained that way in the 2019 sampling even though it is downgradient of the contamination at the two sites. Well MW-4, installed between the two sites, has unstable trends, with 2,300 ug/L of PCE in the 2019 sample.

MSA started monitoring two downgradient water table wells located at the Associated Sales property in 2008 for these projects. The wells had been installed as part of a petroleum release investigation at that location, and wells MW-3 and MW-6 at Associated Sales have since been transferred to the Quick Cleaners site upon closure of the Associated Sales petroleum site. PCE concentrations in the November 2019 sampling were 740 ug/L at MW-3 and 290 ug/L at MW-6. TCE concentrations were 11 ug/L and 24 ug/L, respectively. The trends in these two wells appear to be stable to decreasing.

Please note that purge water generated during this sampling was disposed at the City of Marshfield wastewater treatment facility.

Conclusions and Recommendations

MSA conducted hydraulic conductivity testing in May 2010 at several wells for this project. At MW-6, hydraulic conductivity ranged from 3.8×10^{-5} to 6.927×10^{-6} cm/sec in two tests. At MW-8 the hydraulic conductivity was 2.3×10^{-5} cm/sec. At PZ-7 the hydraulic conductivity was 1.1×10^{-3} cm/sec. At PZ-8 the hydraulic conductivity was 9.7×10^{-4} cm/sec. The hydraulic conductivity was much higher in the piezometer wells than in the water table wells.

Based on the low hydraulic conductivities measured in the water table wells, MSA believes that the full effects of the chemical treatment of the unsaturated soil and smear zone at the former Quick Cleaners site is yet to be realized. Substantial decreases were noted in the immediate vicinity of the treatment, but it may take years for these decreases to expand to the downgradient wells.

In previous conversations with Tom Hvizdak, the former DNR project manager, he indicated further delineation of the extent of the groundwater contamination would be necessary in order to move the two sites toward closure. Matt, once you've had the opportunity to review this new data, please contact me to discuss what additional work would need to be conducted in order to achieve closure at these two sites.

Sincerely,

MSA Professional Services, Inc.

Jayne Englebert, PG
Project Manager

Cc Stephanie Judge, Thomas J. Judge Remediation Trust
Marsha Judge
Beth Littleton, St. Vincent de Paul, Marshfield
Matt Berrier, Associated Sales, 409 North Central Avenue, Marshfield, WI
Richard Lyster, MSA

Laboratory Results - Groundwater
Former Quick Cleaners, Former Hangers Cleaners, and Associated Sales, Marshfield, WI

All Concentrations are in ug/L	Acetone	Benzene	n-Butyl-benzene	sec-Butyl-benzene	Carbon Disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroform	Chloromethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	**cis-1,2-Dichloro-ethene**	**trans-1,2-Dichloro-ethene**	Ethylbenzene	Isopropyl-benzene	p-Isopropyl-toluene	Naphthalene	n-Propyl-benzene	1,1,1,2-Tetra-chloroethane	1,1,2,2-Tetra-chloroethane	**Tetrachloro-ethene**	Toluene	1,1,1-Trichloro-ethane	1,1,2-Tri-chloroethane	**Trichloro-ethene**	1,2,4-Trimethyl-benzene	1,3,5-Tri-methyl-benzene	m&p Xylene	o-Xylene	**Vinyl Chloride**	Water Level (feet MSL)
NR 140 ES	1000	5			1000	5		6	3	5	7	70	100	700			100		70	0.2	5	1000	200	5	5	480	480	10000	10000	0.2	
NR 140 PAL	200	0.5			200	0.5		0.6	0.3	0.5	0.7	7	20	140			10		7	0.02	0.5	200	40	0.5	0.5	96	96	1000	1000	0.02	
Former Quick Cleaners, 105 E. Arnold Street, Marshfield, Wisconsin																															
MW-1	Screened from 1255-1270																														TOC=1284.63
25-Mar-08	<7.0	1.3	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	<0.30	<0.30	0.66	**190**	3.7	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**3500**	0.41	<0.60	<0.50	**140**	<0.24	0.84	<0.50	<0.50	**12**	1264.46
19-Aug-08	<700	<16	<24	<29	<50	<40	<30	<22	<30	<30	<40	**920**	<50	<28	<20	<17	<60	<20	<60	<14	**9300**	<20	<60	**96**	**500**	<24	<19	<50	<50	<15	1266.63
11-May-10		<16	<16	<20		<64	<16	<16	<24	<40	<40	**1000**	54	<40	<16	<16	<20	<40	<20	<16	**6400**	<40	<40	<20	**430**	<16	<16	<40*		**41**	1265.49
1-Sep-10	Not sampled, groundwater level only																														1269.96
5-Dec-13	<2.9	**10**	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	3.1	**1500**	65	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**6800**	0.32	<0.29	<0.40	**480**	<0.40	<0.40	<0.60	<0.30	**15**	
18-Jul-16		**13**	<3.9	<4.0		<3.8	<3.9	<3.7	<3.2	<3.9	<3.9	**1400**	56	<1.8	<3.9	<3.6	7.5	<4.1	<4.6	<4.0	**10000**	<1.5	<3.8	<3.5	**520**	<3.6	<2.5	<2.2		**18**	1268.87
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<4.0	6.9	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**200**	<2.1	<2.9	<3.0	**8.4**	<2.9	<2.7	<7.0	<2.6	<1.4	1270.35'
MW-2	Screened from 1257-1272																														TOC=1286.95
25-Mar-08	<7.0	<0.16	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	<0.30	<0.30	<0.40	15	0.71	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**7.2**	<0.20	<0.60	<0.50	2.0	<0.24	<0.19	<0.50	<0.50	**1.2**	1264.33
19-Aug-08	<7.0	<0.16	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	0.36	<0.30	<0.40	40	1.9	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**7.4**	<0.20	<0.60	<0.50	4.9	<0.24	<0.19	<0.50	<0.50	<0.15	1262.78
																															TOC=1286.76
10-May-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	53	1.5	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**5.8**	<0.50	<0.50	<0.25	4.0	<0.20	<0.20	<0.50*		**1.4**	1265.30
1-Sep-10	Not sampled, groundwater level only																														1269.88
5-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	50	0.84	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**7.0**	<0.30	<0.29	<0.40	4.9	<0.40	<0.40	<0.60	<0.30	<0.18	1266.64
18-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	71	2.4	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**6.7**	<0.15	<0.38	<0.35	**6.3**	<0.34	<0.25	<0.22		<0.20	1268.19
22-Nov-19	<4.0	<0.40	<0.29	<0.40	<0.60	<0.30	<0.30	<0.30	<0.60	<0.24	<0.40	62	1.4	<0.30	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	**9.5**	<0.21	<0.29	<0.30	**8.9**	<0.29	<0.27	<0.70	<0.26	<0.14	1268.05
MW-3	Screened from 1250-1265																														TOC=1280.32
25-Mar-08	<7.0	1.1	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	<0.30	<0.30	1.3	**1500**	27	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**2300**	<0.20	<0.60	<0.50	**180**	<0.24	<0.19	<0.50	<0.50	**78**	1262.61
19-Aug-08	<180	<4.0	<6.0	<7.3	<13	<10	<7.5	<5.5	<7.5	<7.5	<10	**820**	<13	<7.0	<5.0	<4.3	<15	<5.0	<15	<3.5	**420**	<5.0	<15	<13	**110**	<6.0	<4.8	<13	<13	**16**	1261.68
11-May-10		<8.0	<8.0	<10		<32	<8.0	<8.0	<12	<20	<20	**1900**	37	<20	<8.0	<8.0	<10	<20	<10	<8.0	**1000**	<20	<20	<10	**270**	<8.0	<8.0	<20*		**49**	1263.01
1-Sep-10	Not sampled, groundwater level only																														1266.88
14-Dec-11	Not sampled, groundwater level only																														1263.81
5-Dec-13	<2.9	2.1	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	3.4	**2400**	43	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**440**	<0.30	<0.29	<0.40	**360**	<0.40	<0.40	<0.60	<0.30	**1.6**	1264.87
18-Jul-16		2.4	<1.9	<2.0		<1.9	<1.9	<1.9	<1.6	<2.0	3.0	**3400**	57	<0.92	<1.9	<1.8	<1.7	<2.1	<2.3	<2.0	**510**	<0.76	<1.9	<1.8	**390**	<1.8	<1.3	<1.1		**6.7**	1265.97
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<4.0	**230**	7.6	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**50**	<2.1	<2.9	<3.0	**44**	<2.9	<2.7	<7.0	<2.6	<1.4	1265.81
PZ-3	Screened from 1230-1235																														TOC=1280.45
25-Mar-08	<7.0	<0.16	<0.24	<0.29	2.2	<0.40	<0.30	<0.22	<0.30	<0.30	<0.40	4.5	<0.50	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**5600**	<0.20	<0.60	<0.50	2.5	<0.24	<0.19	<0.50	<0.50	**0.34**	1262.14
19-Aug-08	**3600**	<80	<120	<150	<250	<200	<150	<110	<150	<150	<200	<200	<250	<140	<100	<85	<300	<100	<300	<70	**8900**	<100	<300	<250	<75	<120	<95	<250	<250	<75	1260.42
10-May-10	**damaged, could not sample**																														
14-Oct-11	**abandoned due to damage**																														
MW-4	Screened from 1255-1270																														TOC=1284.81
25-Mar-08	11	2.0	5.4	1.8	2.6	0.74	0.54	1.4	<0.30	0.40	6.5	**3400**	**120**	7.0	2.6	2.5	22	4.6	6.9	**0.35**	**100000**	13	9.9	<0.50	**160**	23	8.9	24	14	**50**	1264.61
19-Aug-08	<35000	<800	<1200	<1500	<2500	<2000	<1500	<1100	<1500	<1500	<2000	**9400**	<2500	<1400	<1000	<850	<3000	<1000	<3000	<700	**160000**	<1000	<3000	<2500	**1100**	<1200	<950	<2500	<2500	<750	1267.99
11-May-10		<8.0	<8.0	<10		<32	<8.0	<8.0	<12	<20	<20	**6400**	90	<20	<8.0	<8.0	<10	<20	<10	<8.0	**120000**	<20	<20	<10	**1000**	<8.0	<8.0	<20*		**87**	1265.14
1-Sep-10	Not sampled, groundwater level only																														1269.38
14-Dec-11	Not sampled, groundwater level only																														1264.61
20-May-13	abandoned due to soil treatment																														

Laboratory Results - Groundwater
Former Quick Cleaners, Former Hangers Cleaners, and Associated Sales, Marshfield, WI

All Concentrations are in ug/L	Acetone	Benzene	n-Butyl-benzene	sec-Butyl-benzene	Carbon Disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroform	Chloromethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	**cis-1,2-Dichloro-ethene**	**trans-1,2-Dichloro-ethene**	Ethylbenzene	Isopropyl-benzene	p-Isopropyl-toluene	Naphthalene	n-Propyl-benzene	1,1,1,2-Tetra-chloroethane	1,1,2,2-Tetra-chloroethane	**Tetrachloro-ethene**	Toluene	1,1,1-Trichloro-ethane	1,1,2-Tri-chloroethane	**Trichloro-ethene**	1,2,4-Trimethyl-benzene	1,3,5-Tri-methyl-benzene	m&p Xylene	o-Xylene	**Vinyl Chloride**	Water Level (feet MSL)
NR 140 ES	1000	5			1000	5		6	3	5	7	70	100	700			100		70	0.2	5	1000	200	5	5	480	480	10000	10000	0.2	
NR 140 PAL	200	0.5			200	0.5		0.6	0.3	0.5	0.7	7	20	140			10		7	0.02	0.5	200	40	0.5	0.5	96	96	1000	1000	0.02	
PZ-4	Screened from 1230-1235																														TOC=1285.43
25-Mar-08	<7.0	<0.16	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	<0.30	<0.30	<0.40	4.4	0.61	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**180**	<0.20	<0.60	<0.50	1.2	<0.24	<0.19	<0.50	<0.50	**0.87**	1263.91
19-Aug-08	<7.0	<0.16	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	<0.30	<0.30	<0.40	1.3	<0.50	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**33**	<0.20	<0.60	<0.50	1.0	<0.24	<0.19	<0.50	<0.50	**0.20**	1265.54
																															TOC=1285.36
10-May-10		<0.40	<0.40	<0.50		<1.6	<0.40	<0.40	<0.60	<1.0	<1.0	2.5	<1.0	<1.0	<0.40	<0.40	<0.50	<1.0	<0.50	<0.40	**150**	<1.0	<1.0	<0.50	1.2	<0.40	<0.40	<1.0		<0.40	1264.62
1-Sep-10	Not sampled, groundwater level only																														1268.43
20-May-13	abandoned due to soil treatment																														
MW-5	Screened from 1258-1273																														TOC=1287.54
25-Mar-08	<7.0	<0.16	<0.24	<0.29	2.1	<0.40	<0.30	<0.22	<0.30	<0.40	<0.40	<0.40	<0.50	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**20**	<0.20	<0.60	<0.50	<0.15	<0.24	<0.19	<0.50	<0.50	<0.15	1265.15
19-Aug-08	<7.0	<0.16	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	<0.30	<0.30	<0.40	<0.40	<0.50	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**83**	<0.20	<0.60	<0.50	0.25	<0.24	<0.19	<0.50	<0.50	<0.15	1265.89
10-May-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**30**	<0.50	<0.50	<0.25	<0.20	<0.20	<0.20	<0.50*		<0.20	1266.76
1-Sep-10	Not sampled, groundwater level only																														1271.62
14-Dec-11	Not sampled, groundwater level only																														1267.42
5-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**63**	<0.30	<0.29	<0.40	<0.50	<0.40	<0.40	<0.60	<0.30	<0.18	1266.68
18-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**260**	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	1269.79
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<4.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**180**	<2.1	<2.9	<3.0	<3.0	<2.9	<2.7	<7.0	<2.6	<1.4	1269.48
MW-6	Screened from 1245-1260																														TOC=1277.03
10-May-10		<0.40	<0.40	<0.50		<1.6	<0.40	<0.40	<0.60	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40	<0.50	<1.0	<0.50	<0.40	**150**	<1.0	<1.0	<0.50	1.1	<0.40	<0.40	<1.0*		<0.40	1262.31
1-Sep-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	<0.50	<0.50	<0.50	<0.25	<0.20	<0.20	<0.20	<0.50*		<0.20	1265.53
13-Dec-11		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	<0.50	<0.50	<0.50	<0.25	<0.20	<0.20	<0.20	<0.50*		<0.20	1262.95
5-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	0.36	<0.30	<0.29	<0.40	<0.50	<0.40	<0.40	<0.60	<0.30	<0.18	1263.34
18-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	1.1	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**140**	<0.15	<0.38	<0.35	1.1	<0.36	<0.25	<0.22		<0.20	1264.69
22-Nov-19	<4.0	<0.40	<0.29	<0.40	<0.60	<0.30	<0.30	<0.30	<0.60	<0.24	<0.40	0.52	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	**60**	<0.21	<0.29	<0.30	0.57	<0.29	<0.27	<0.70	<0.26	<0.14	1264.73
PZ-6	Screened from 1230-1235																														TOC=1276.85
10-May-10		<0.40	<0.40	<0.50		<1.6	<0.40	<0.40	<0.60	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40	<0.50	<1.0	<0.50	<0.40	**100**	5.7	<1.0	<0.50	<0.40	<0.40	<0.40	<1.0*		<0.40	1260.74
1-Sep-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**130**	<0.50	<0.50	<0.25	0.21	<0.20	<0.20	<0.50*		<0.20	1264.14
13-Dec-11		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**150**	<0.50	<0.50	<0.25	0.27	<0.20	<0.20	<0.50*		<0.20	1262.13
5-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**230**	<0.30	<0.29	<0.40	<0.50	<0.40	<0.40	<0.60	<0.30	<0.18	1262.75
18-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**320**	<0.15	<0.38	<0.35	0.53	<0.36	<0.25	<0.22		<0.20	1264.16
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**330**	<2.1	<2.9	<3.0	<3.0	<2.9	<2.7	<7.0	<2.6	<1.4	1264.15
MW-7	Screened from 1244-1259																														TOC=1268.64
12-May-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	4.1	<0.50	<0.50	<0.25	<0.20	0.23	<0.20	<0.50*		<0.20	1257.50
1-Sep-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**43**	<0.50	<0.50	<0.25	0.22	<0.20	<0.20	<0.50*		<0.20	1259.08
13-Dec-11		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**7.9**	<0.50	<0.50	<0.25	<0.20	<0.20	<0.20	<0.50*		<0.20	1257.33
5-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**16**	<0.30	<0.29	<0.40	<0.50	<0.40	<0.40	<0.60	<0.30	<0.18	1258.02
19-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**40**	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	1258.43
22-Nov-19	<4.0	<0.40	<0.29	<0.40	<0.60	<0.30	<0.30	<0.30	<0.60	<0.24	<0.40	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	**71**	<0.21	<0.29	<0.30	0.40	<0.29	<0.27	<0.70	<0.26	<0.14	1258.78
PZ-7	Screened from 1229-1234																														TOC=1268.79
12-May-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**24**	<0.50	<0.50	<0.25	<0.20	0.28	<0.20	<0.50*		<0.20	1250.49
1-Sep-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	4.4	<0.50	<0.50	<0.25	<0.20	<0.20	<0.20	<0.50*		<0.20	1259.06
13-Dec-11		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**56**	<0.50	<0.50	<0.25	0.33	<0.20	<0.20	<0.50*		<0.20	1256.92
5-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	0.40	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**91**	<0.30	<0.29	<0.40	0.61	<0.40	<0.40	<0.60	<0.30	<0.18	1256.77
19-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**120**	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	1258.06
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<4.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**170**	<2.1	<2.9	<3.0	<3.0	<2.9	<2.7	<7.0	<2.6	<1.4	1258.98

Laboratory Results - Groundwater
Former Quick Cleaners, Former Hangers Cleaners, and Associated Sales, Marshfield, WI

All Concentrations are in ug/L	Acetone	Benzene	n-Butyl-benzene	sec-Butyl-benzene	Carbon Disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroform	Chloromethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	**cis-1,2-Dichloro-ethene**	**trans-1,2-Dichloro-ethene**	Ethylbenzene	Isopropyl-benzene	p-Isopropyl-toluene	Naphthalene	n-Propyl-benzene	1,1,1,2-Tetra-chloroethane	1,1,2,2-Tetra-chloroethane	**Tetrachloro-ethene**	Toluene	1,1,1-Trichloro-ethane	1,1,2-Tri-chloroethane	**Trichloro-ethene**	1,2,4-Trimethyl-benzene	1,3,5-Tri-methyl-benzene	m&p Xylene	o-Xylene	**Vinyl Chloride**	Water Level (feet MSL)
NR 140 ES	1000	5			1000	5		6	3	5	7	70	100	700			100		70	0.2	5	1000	200	5	5	480	480	10000	10000	0.2	
NR 140 PAL	200	0.5			200	0.5		0.6	0.3	0.5	0.7	7	20	140			10		7	0.02	0.5	200	40	0.5	0.5	96	96	1000	1000	0.02	
MW-8	Screened from 1247-1262																														TOC=1271.24
12-May-10		**57**	<3.2	<4.0		<13	<3.2	<3.2	<4.8	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<4.0	<8.0	<4.0	<3.2	**910**	<8.0	<8.0	<4.0	**26**	<3.2	<3.2	<8.0*		<3.2	1256.44
1-Sep-10		<2.0	<2.0	<2.5		<8.0	<2.0	<2.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<2.5	<5.0	<2.5	<2.0	**440**	<5.0	<5.0	<2.5	**6.8**	<2.0	<2.0	<5.0*		<2.0	1258.02
14-Dec-11		**19**	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	3.8	1.2	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**590**	<0.50	<0.50	<0.25	**16**	<0.20	<0.20	<0.50*		<0.20	1256.57
4-Dec-13	<2.9	3.5	<0.40	0.32	<0.50	<0.27	<0.28	<0.23	<0.27	0.69	<0.24	3.8	3.1	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**440**	<0.30	<0.29	<0.40	**17**	<0.40	<0.40	<0.60	<0.30	<0.18	1256.61
19-Jul-16		4.9	<0.78	<0.80		<0.77	<0.77	<0.74	<0.64	<0.78	<0.78	6.7	<0.70	<0.37	<0.77	<0.72	<0.67	<0.83	<0.92	<0.80	**670**	<0.30	<0.76	<0.70	**14**	<0.72	<0.51	<0.44		<0.41	1257.31
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<4.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**110**	<2.1	<2.9	<3.0	**4.5**	<2.9	<2.7	<7.0	<2.6	<1.4	1257.55
PZ-8	Screened from 1230-1235																														TOC=1271.55
12-May-10		<8.0	<8.0	<10		<32	<8.0	<8.0	<12	<20	<20	<20	<20	<20	<8.0	<8.0	<10	<20	<10	<8.0	**3300**	<20	<20	<10	**12**	<8.0	<8.0	<20*		<8.0	1256.60
1-Sep-10		<8.0	<8.0	<10		<32	<8.0	<8.0	<12	<20	<20	<20	<20	<20	<8.0	<8.0	<10	<20	<10	<8.0	**3900**	<20	<20	<10	<8.0	<8.0	<8.0	<20*		<8.0	1258.13
14-Dec-11		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	14	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**3300**	<0.50	<0.50	<0.25	**8.8**	<0.20	<0.20	<0.50*		<0.20	1256.91
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	21	0.45	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**4600**	<0.30	<0.29	<0.40	**11**	<0.40	<0.40	<0.60	<0.30	<0.18	1256.75
19-Jul-16		<0.73	<1.9	<2.0		<1.9	<1.9	<1.9	<1.6	<2.0	<2.0	19	<1.7	<0.92	<1.9	<1.8	<1.7	<2.1	<2.3	<2.0	**2700**	<0.76	<1.9	<1.8	**7.2**	<1.8	<1.3	<1.1		<1.0	1257.57
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<4.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**470**	<2.1	<2.9	<3.0	**25**	<2.9	<2.7	<7.0	<2.6	<1.4	1257.86
MW-9																															TOC=1272.31
13-Dec-11		<0.20	<0.20	<0.25		<0.80	<0.20	0.69	<0.30	<0.50	<0.50	1.6	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**380**	<0.50	<0.50	<0.25	0.97	<0.20	<0.20	<0.50*		<0.20	1257.47
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	0.33	<0.27	<0.30	<0.24	0.69	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**230**	<0.30	<0.29	<0.40	0.55	<0.40	<0.40	<0.60	<0.30	<0.18	1258.32
19-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	1.6	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**230**	<0.15	<0.38	<0.35	0.80	<0.36	<0.25	<0.22		<0.20	1258.87
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<4.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**240**	<2.1	<2.9	<3.0	<3.0	<2.9	<2.7	<7.0	<2.6	<1.4	1258.76
PZ-9																															TOC=1272.44
13-Dec-11		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	4.7	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	**2100**	<0.50	<0.50	<0.25	3.1	<0.20	<0.20	<0.50*		<0.20	1258.69
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	6.8	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**2300**	<0.30	<0.29	<0.40	3.8	<0.40	<0.40	<0.60	<0.30	<0.18	1258.43
19-Jul-16		<0.73	<1.9	<2.0		<1.9	<1.9	<1.9	<1.6	<2.0	<2.0	*7.1*	<1.7	<0.92	<1.9	<1.8	<1.7	<2.1	<2.3	<2.0	**1200**	<0.76	<1.9	<1.8	2.9	<1.8	<1.3	<1.1		<1.0	1259.32
22-Nov-19	<40	<4.0	<2.9	<4.0	<6.0	<3.0	<3.0	<3.0	<6.0	<2.4	<3.0	*24*	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<4.0	<3.0	**2100**	<2.1	<2.9	<3.0	**9.8**	<2.9	<2.7	<7.0	<2.6	<1.4	1259.42
Former Hangers Cleaners Wells																															
MW-1	Screened from 1250-1265																														TOC=1280.64
1-Feb-05												<40					<20				**3200**	<16			**24**	<16	<16	<40			1258.85
12-Jan-06		<100	<120	<110		<88	<110	<120	<100	<82	<87	<90	<88	<88	<93	<120	<180	<110	<100	<97	**3900**	<100	<100	<99	<93	<110	<110	<180	<110	<99	1260.24
19-Aug-08	<700	<16	<24	<29	<50	<40	<30	<22	<30	<30	<40	**110**	<50	<28	<20	<17	<60	<20	<60	<14	**2200**	<20	<60	<50	**67**	<24	<19	<50	<50	<15	1262.54
11-May-10		<8.0	<8.0	<10		<32	<8.0	<8.0	<12	<20	<20	**75**	<20	<20	<8.0	<8.0	<10	<20	<10	<8.0	**2700**	<20	<20	<10	**55**	<8.0	<8.0	<20*		<8.0	1261.66
1-Sep-10	Not sampled, groundwater level only																														1266.17
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	**79**	12	<0.30	<0.30	<0.40	0.31	<0.40	<0.40	<0.30	**780**	<0.30	<0.29	<0.40	**43**	<0.40	<0.40	<0.60	<0.30	<0.18	1263.00
23-Jul-14	<35	<1.3	<2.0	<2.5	<2.0	<2.0	<2.5	<1.4	<3.0	<1.0	<1.2	25	2.6	<2.5	<2.0	<2.5	<2.5	<2.0	<3.0	<2.5	**300**	<2.5	<1.3	<1.1	**18**	<3.0	<2.5	<5.0	<2.5	<0.90	1263.74
18-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	**85**	7.8	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**390**	<0.15	<0.38	<0.35	**38**	<0.36	<0.25	<0.22		<0.20	1264.83
22-Nov-19	<80	<8.0	<5.8	<8.0	<12	<6.0	<6.0	<6.0	<12	<4.8	<8.0	*36*	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<8.0	<6.0	**200**	<4.2	<5.8	<6.0	**27**	<5.8	<5.4	<14	<5.2	<2.8	1263.95
MW-1P	Screened from 1230-1235																														TOC=1279.87
12-Jan-06		<250	<300	<280		<220	<280	<290	<250	<200	<220	<230	<220	<220	<230	<290	<460	<280	<260	<240	**9000**	<260	<260	<250	<230	<290	<270	<460	<280	<250	1259.87
19-Aug-08	<3500	<80	<120	<150	<250	<200	<150	<110	<150	<150	<200	<200	<250	<140	<100	<85	<300	<100	<300	<70	**11000**	<100	<300	<250	<75	<120	<95	<250	<250	<75	1261.76
11-May-10		<40	<40	<50		<160	<40	<40	<60	<100	<100	<100	<100	<100	<40	<40	<50	<100	<50	<40	**12000**	<100	<100	<50	<40	<40	<40	<100*		<40	1260.95
1-Sep-10	Not sampled, groundwater level only																														1264.51
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	63	1.5	<0.30	<0.30	<0.40	<0.30	<0.40	0.41	<0.30	**7200**	<0.30	<0.29	<0.40	**23**	<0.40	<0.40	<0.60	<0.30	**0.25**	1262.09
23-Jul-14	<700	<25	<40	<50	<40	<40	<50	<27	<60	<20	<23	**70**	<20	<50	<40	<50	<50	<50	<60	<50	**7400**	<50	<25	<21	**28**	<60	<50	<100	<50	<18	1262.98
18-Jul-16		<1.5	<3.9	<4.0		<3.8	<3.9	<3.7	<3.2	<3.9	<3.9	**210**	11	<1.8	<3.9	<3.6	<3.4	<4.1	<4.6	<4.0	**15000**	<1.5	<3.8	<3.5	**63**	<3.6	<2.5	<2.2		<2.0	1263.90
22-Nov-19	<800	<80	<58	<80	<120	<60	<60	<60	<120	<48	<60	**110**	<60	<60	<60	<60	<60	<60	<80	<60	**8600**	<42	<58	<60	**<60**	<58	<54	<140	<52	<28	1264.75

Laboratory Results - Groundwater
Former Quick Cleaners, Former Hangers Cleaners, and Associated Sales, Marshfield, WI

All Concentrations are in ug/L	Acetone	Benzene	n-Butyl-benzene	sec-Butyl-benzene	Carbon Disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroform	Chloromethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	**cis-1,2-Dichloro-ethene**	**trans-1,2-Dichloro-ethene**	Ethylbenzene	Isopropyl-benzene	p-Isopropyl-toluene	Naphthalene	n-Propyl-benzene	1,1,1,2-Tetra-chloroethane	1,1,2,2-Tetra-chloroethane	**Tetrachloro-ethene**	Toluene	1,1,1-Trichloro-ethane	1,1,2-Tri-chloroethane	**Trichloro-ethene**	1,2,4-Trimethyl-benzene	1,3,5-Tri-methyl-benzene	m&p Xylene	o-Xylene	**Vinyl Chloride**	Water Level (feet MSL)
NR 140 ES	1000	5			1000	5		6	3	5	7	70	100	700			100		70	0.2	5	1000	200	5	5	480	480	10000	10000	0.2	
NR 140 PAL	200	0.5			200	0.5		0.6	0.3	0.5	0.7	7	20	140			10		7	0.02	0.5	200	40	0.5	0.5	96	96	1000	1000	0.02	
MW-2	Screened from 1249-1264																														TOC=1279.02
1-Feb-05												**120**					<12				**2300**	<10			**21**	<10	<10	<25			1260.02
12-Jan-06		<40	<48	<44		<35	<45	<46	<40	<33	<41	**80**	<35	<35	<37	<46	<73	<44	<42	<39	**1500**	<41	<42	<39	<37	<46	<43	<73	<45	<39	1260.52
19-Aug-08	<350	<8.0	<12	<15	<25	<20	<15	<11	<15	<15	<20	**110**	<25	<14	<10	<8.5	<30	<10	<30	<7.0	**1100**	<10	<30	<25	**18**	<12	<9.5	<25	<25	<7.5	1260.38
11-May-10		<0.80	<0.80	<1.0		<3.2	<0.80	<0.80	<1.2	<2.0	<2.0	**29**	<2.0	<2.0	<0.80	<0.80	<1.0	<2.0	<1.0	<0.80	**240**	<2.0	<2.0	<1.0	**5.1**	<0.80	<0.80	<2.0*		<0.80	1261.91
1-Sep-10	Not sampled, groundwater level only																														1265.56
14-Dec-11	Not sampled, groundwater level only																														1262.11
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	**62**	0.97	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**92**	<0.30	<0.29	<0.40	**9.6**	<0.40	<0.40	<0.60	<0.30	<0.18	1263.28
23-Jul-14	<7.0	<0.25	<0.40	<0.50	<0.40	<0.40	<0.50	<0.27	<0.60	<0.20	<0.23	**60**	1.0	<0.50	<0.40	<0.50	<0.50	<0.40	<0.60	<0.50	**73**	<0.50	<0.25	<0.21	**10**	<0.60	<0.50	<1.0	<0.50	<0.18	1263.78
18-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	**88**	2.5	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**68**	<0.15	<0.38	<0.35	**12**	<0.36	<0.25	<0.22		<0.20	1264.75
22-Nov-19	Not sampled																														
MW-3	Screened from 1253-1268																														TOC=1277.32
1-Feb-05												<0.50					0.62				<0.50	0.61			<0.20	1.4	0.34	1.4			1259.63
12-Jan-06		<0.20	<0.24	<0.22		<0.18	<0.23	<0.23	<0.20	<0.16	<0.17	<0.18	<0.18	<0.18	<0.19	<0.23	<0.37	<0.22	<0.21	<0.19	<0.16	0.33	<0.21	<0.20	<0.19	<0.23	<0.21	<0.37	<0.23	<0.20	1259.93
19-Aug-08	<7.0	<0.16	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	<0.30	<0.30	<0.40	<0.40	<0.50	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	<0.40	<0.20	<0.60	<0.50	<0.15	<0.24	<0.19	<0.50	<0.50	<0.15	1260.52
11-May-10		<0.20	<0.20	<0.25		<0.80	<0.20	<0.20	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.25	<0.50	<0.25	<0.20	<0.50	<0.50	<0.50	<0.25	<0.20	<0.20	<0.20	<0.50*		<0.20	1261.47
1-Sep-10	Not sampled, groundwater level only																														1265.35
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	<0.29	<0.30	<0.29	<0.40	<0.50	<0.40	<0.40	<0.60	<0.30	<0.18	1262.38
23-Jul-14	<7.0	<0.25	<0.40	<0.50	<0.40	<0.40	<0.50	<0.27	<0.60	<0.30	<0.24	<0.21	<0.20	<0.50	<0.40	<0.50	<0.50	<0.40	<0.60	<0.50	<0.24	<0.50	<0.25	<0.21	<0.24	<0.60	<0.50	<1.0	<0.50	<0.18	1264.06
18-Jul-16		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	<0.37	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	1265.18
22-Nov-19	<4.0	<0.40	<0.29	<0.40	<0.60	<0.30	<0.30	<0.30	<0.60	<0.24	<0.40	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	<0.27	<0.21	<0.29	<0.30	<0.30	<0.29	<0.27	<0.70	<0.26	<0.14	1263.74
MW-4	Screened from 1252-1267																														TOC=1281.76
12-Jan-06		<200	<240	<220		<180	<230	<230	<200	<160	<170	<180	<180	<180	<190	<230	<370	<220	<210	<190	**6800**	<210	<210	<200	<190	<230	<210	<370	<230	<200	1262.65
25-Aug-08	<350	<8.0	<12	<15	<25	<20	<15	<11	<15	<15	<20	<20	<25	<14	<10	<8.5	<30	<10	<30	<7.0	**1300**	<10	<30	<25	<7.5	<12	<9.5	<25	<25	<7.5	1262.87
11-May-10		<0.40	<0.40	<0.50		<1.6	<0.40	<0.40	<0.60	<1.0	<1.0	1.3	<1.0	<1.0	<0.40	<0.40	<0.50	<1.0	<0.50	<0.40	**120**	<1.0	<1.0	<0.50	0.68	<0.40	<0.40	<1.0		<0.40	1264.22
1-Sep-10	Not sampled, groundwater level only																														1268.65
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	5.5	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**310**	<0.30	<0.29	<0.40	2.3	<0.40	<0.40	<0.60	<0.30	<0.18	1265.61
23-Jul-14	<7.0	<0.25	<0.40	<0.50	<0.40	<0.40	<0.50	<0.27	<0.60	<0.20	<0.23	0.58	<0.20	<0.50	<0.40	<0.50	<0.50	<0.40	<0.60	<0.50	**44**	<0.50	<0.25	<0.21	0.34	<0.60	<0.50	<1.0	<0.50	<0.18	1264.14
18-Jul-16		<0.29	<0.78	<0.80		<0.77	<0.77	<0.74	<0.64	<0.78	<0.78	*21*	<0.70	<0.37	<0.77	<0.72	<0.67	<0.83	<0.92	<0.80	**1200**	<0.30	<0.76	<0.70	**8.0**	<0.72	<0.51	<0.44		<0.41	1267.18
22-Nov-19	<4.0	<0.40	<0.29	<0.40	<0.60	<0.30	<0.30	<0.30	<0.60	<0.24	<0.40	*39*	1.6	<0.30	<0.30	<0.30	<0.30	<0.30	0.4	<0.30	**2300**	<0.21	<0.29	<0.30	**16**	<0.29	<0.27	<0.70	<0.26	**0.15**	1266.71
Associated Sales Wells																															
MW-3	Screened from 1241-1251																														TOC=1270.57
19-Aug-08	<7.0	<0.16	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	<0.30	<0.30	<0.40	*9.7*	<0.50	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**1300**	<0.20	<0.60	<0.50	**5.0**	<0.24	<0.19	<0.50	<0.50	<0.15	1256.10
11-May-10		<4.0	<4.0	<5.0		<16	<4.0	<4.0	<6.0	<10	<10	*<10*	<10	<10	<4.0	<4.0	<5.0	<10	<5.0	<4.0	**1200**	<10	<10	<5.0	**7.0**	<4.0	<4.0	<10*		<4.0	1256.45
1-Sep-10		<0.40	<0.40	<0.50		<1.6	<0.40	<0.40	<0.60	<1.0	<1.0	*11*	<1.0	<1.0	<0.40	<0.40	<0.50	<1.0	<0.50	<0.40	**1200**	<1.0	<1.0	<0.50	4.9	<0.40	<0.40	<1.0*		<0.40	1257.88
4-Dec-13	<2.9	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	*12*	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	**510**	<0.30	<0.29	<0.40	4.1	<0.40	<0.40	<0.60	<0.30	<0.18	1256.50
18-Jul-16		<0.29	<0.78	<0.80		<0.77	<0.77	<0.74	<0.64	<0.78	<0.78	*32*	<0.70	<0.37	<0.77	<0.72	<0.67	<0.83	<0.92	<0.80	**1100**	<0.30	<0.76	<0.70	**8.8**	<0.72	<0.51	<0.44		<0.41	1257.40
22-Nov-19	<4.0	<0.40	<0.29	<0.40	<0.60	<0.30	<0.30	<0.30	<0.60	<0.24	<0.40	*36*	0.76	<0.30	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	**740**	<0.21	<0.29	<0.30	**11**	<0.29	<0.27	<0.70	<0.26	<0.14	1257.54
MW-6	Screened from 1245-1255																														TOC=1269.28
19-Aug-08	<7.0	0.63	<0.24	<0.29	<0.50	<0.40	<0.30	<0.22	0.38	<0.30	<0.40	4.0	5.4	<0.28	<0.20	<0.17	<0.60	<0.20	<0.60	<0.14	**400**	<0.20	<0.60	<0.50	**11**	<0.24	<0.19	<0.50	<0.50	<0.15	1254.91
11-May-10		<1.6	<1.6	<2.0		<6.4	<1.6	<1.6	<2.4	<4.0	<4.0	<4.0	<4.0	<4.0	<1.6	<1.6	2.6	<4.0	<2.0	<1.6	**310**	<4.0	<4.0	<2.0	**4.8**	<1.6	<1.6	<4.0*		<1.6	1255.27
1-Sep-10	Not sampled, groundwater level only																														1256.38
4-Dec-13	<0.29	<0.30	<0.40	<0.30	<0.50	<0.27	<0.28	<0.23	<0.27	<0.30	<0.24	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	<0.40	<0.40	<0.30	3.9	<0.30	<0.29	<0.40	<0.50	<0.40	<0.40	<0.60	<0.30	<0.18	1255.33
18-Jul-16		*4.8*	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	*13*	11	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**550**	<0.15	<0.38	<0.35	**16**	<0.36	<0.25	<0.22		<0.20	1255.95
22-Nov-19	<4.0	**13**	<0.29	<0.40	<0.60	<0.30	<0.30	<0.30	<0.60	0.43	<0.40	*18*	14	<0.30	<0.30	<0.30	<0.30	<0.30	<0.40	<0.30	**290**	<0.21	<0.29	<0.30	**24**	<0.29	<0.27	<0.70	<0.26	**0.18**	1256.17

Laboratory Results - Groundwater
Former Quick Cleaners, Former Hangers Cleaners, and Associated Sales, Marshfield, WI

All Concentrations are in ug/L	Acetone	Benzene	n-Butyl-benzene	sec-Butyl-benzene	Carbon Disulfide	Carbon Tetrachloride	Chloro-benzene	Chloroform	Chloromethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	**cis-1,2-Dichloro-ethene**	**trans-1,2-Dichloro-ethene**	Ethylbenzene	Isopropyl-benzene	p-Isopropyl-toluene	Naphthalene	n-Propyl-benzene	1,1,1,2-Tetra-chloroethane	1,1,2,2-Tetra-chloroethane	**Tetrachloro-ethene**	Toluene	1,1,1-Trichloro-ethane	1,1,2-Tri-chloroethane	**Trichloro-ethene**	1,2,4-Trimethyl-benzene	1,3,5-Tri-methyl-benzene	m&p Xylene	o-Xylene	**Vinyl Chloride**	Water Level (feet MSL)
NR 140 ES	1000	5			1000	5		6	3	5	7	70	100	700			100		70	0.2	5	1000	200	5	5	480	480	10000	10000	0.2	
NR 140 PAL	200	0.5			200	0.5		0.6	0.3	0.5	0.7	7	20	140			10		7	0.02	0.5	200	40	0.5	0.5	96	96	1000	1000	0.02	
Grab Geoprobe Groundwater Samples, October 17, 2016																															
TW-1		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	<0.37	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	
TW-3		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	1.1	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**120**	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	
TW-4		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	1.1	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**12**	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	
TW-5		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	<0.32	<0.39	<0.39	2.6	1.4	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	**310**	<0.15	<0.38	<0.35	4.1	<0.36	<0.25	<0.22		<0.20	
TW-6		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	0.99	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	<0.34	<0.41	<0.46	<0.40	0.73	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	
TW-7		<0.15	<0.39	<0.40		<0.38	<0.39	<0.37	1.1	<0.39	<0.39	<0.41	<0.35	<0.18	<0.39	<0.36	11	<0.41	<0.46	<0.40	<0.37	<0.15	<0.38	<0.35	<0.16	<0.36	<0.25	<0.22		<0.20	

Values in BOLD exceed the NR 140 enforcement standard.
* = value is for total xylenes

TOC = top of casing elevation in feet mean sea level.
1270.86' = top of casing elevation may be affected by damage to top of well casing, needs to be re-surveyed.

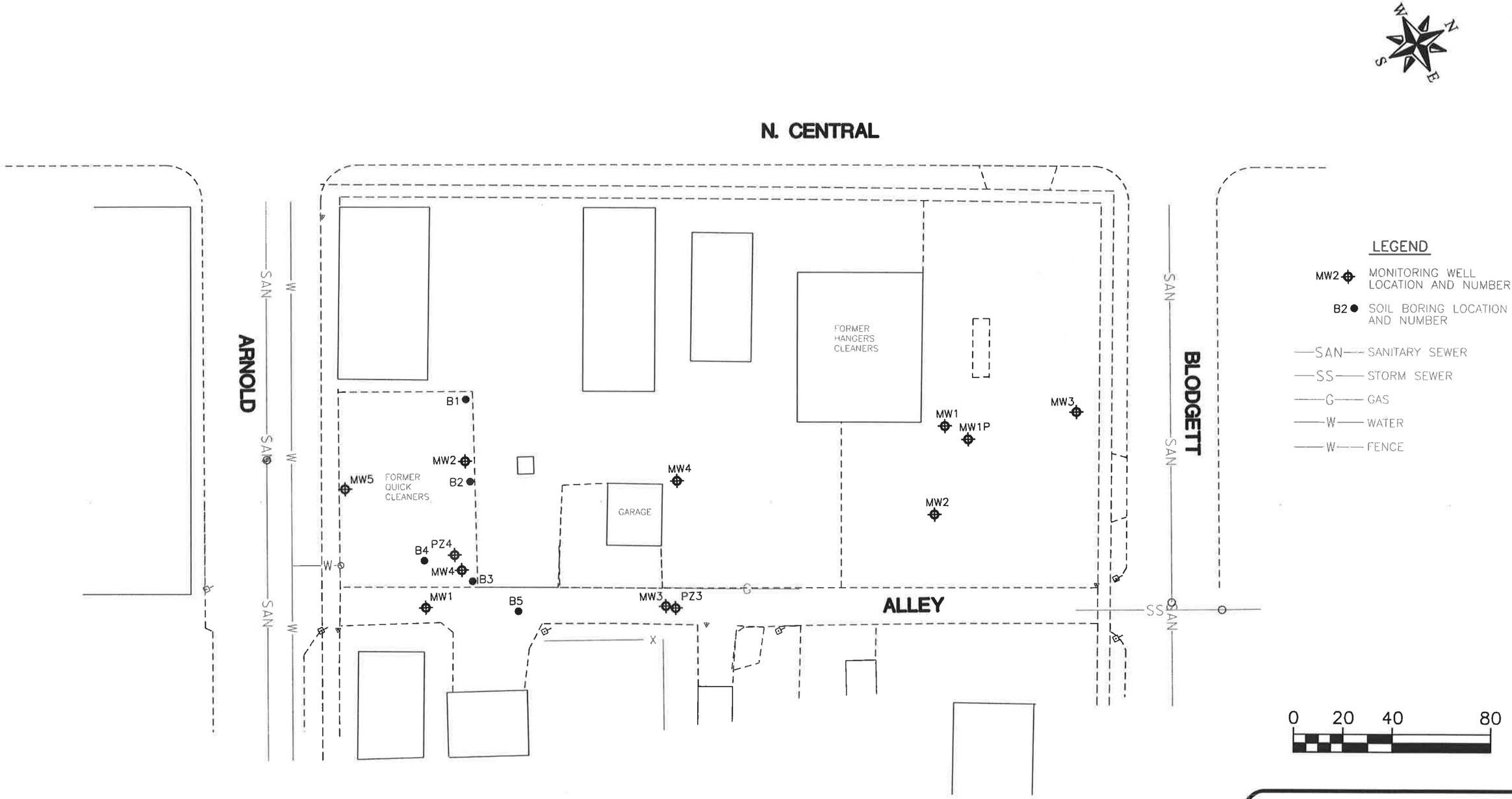

FIGURE 3

MONITORING WELL AND SOIL BORING LOCATIONS

FORMER QUICK CLEANERS
105 E. ARNOLD STREET
MARSHFIELD, WI

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL
DEVELOPMENT • ENVIRONMENTAL
1835 N. Stevens St. Rhinelander, WI 54501
715-362-3244 1-800-344-7854 Fax: 715-362-4116

DRAWN BY CAR DATE 6/08
CHECKED BY JE SCALE AS SHOWN
SHEET X of X
FILE NO. 213391F3

N CENTRAL AVE

S.T.H. 97

MAPLE AVE

N CEDAR AVE

E ARNOLD

E BLODGETT ST

E CLEVELAND ST

E DOEGE ST

E EDISON ST

E BECKER ST

FORMER HANGERS CLEANERS

FORMER QUICK CLEANERS

GARAGE

Associated Sales

MW1 MW1P MW2 MW3 MW4 MW5 PZ4 PZ3 MW6 PZ6 PZ7 MW7 PZ8 MW8 PZ9 MW9 PZ1

SB-1 SB-2 SB-3

TW-1 TW-2 TW-3 TW-4 TW-5 TW-6 TW-7

109 108 112 204 206 305 317 300 302 308 312

LEGEND

- MW1 — MONITORING WELL LOCATION AND NUMBER
- SB-1 — SOIL BORING LOCATION AND NUMBER
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- SANITARY MANHOLE
- STORM MANHOLE
- CATCH BASIN
- VAPOR SAMPLE
- GEOPROBE GW SAMPLE LOCATION

0 60 120 240

FIGURE 4

MONITORING WELL AND SOIL BORING LOCATIONS

FORMER QUICK CLEANERS AND
FORMER HANGERS CLEANERS
MARSHFIELD, WI

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL
DEVELOPMENT • ENVIRONMENTAL
1835 N. Stevens St. Rhinelander, WI 54501
715-362-3244 1-800-844-7854 Fax: 715-362-4114

DRAWN BY CAR | DATE 10/14 | SHEET X of X
CHECKED BY JE | SCALE AS SHOWN | FILE NO. 10649000f4

CITY OF MARSHFIELD
FINANCE DEPARTMENT

207 W 6th Street
Marshfield, WI 54449
(715) 387-3033

Accounts Receivable

Invoice #: IVC00000000009157
Finance #: IVC00000000024565

To: MSA PROFESSIONAL SERVICES
1230 SOUTH BOULEVARD
BARABOO, WI

53913

Date: 12/20/2019

Attn: JAYNE ENGLEBERT

RE:

Wastewater treatment disposal services for purged well water from former Hangers Cleaners, Quick Cleaners, Associated Sales in Marshfield on 11/22/19

Description	Rate	Quantity	Net Amount	GST	PST	Payable
199 GALLONS	1.0000	199.00	199.00			199.00
STRENGTH CHARGE	127.6400	1.00	127.64			127.64

	Subtotal	326.64
	GST	
	PST	
GST Number:	**Invoice Total**	326.64

Terms: Net Due 30 Days From Date of Invoice - Finance charges per Wisconsin statutes will accrue on outstanding balances after 30 days from date of invoice.

R1064000 - 400 - 2
OK to pay - JE
12 - 19 - 2019

PLEASE RETURN THIS STUB WITH PAYMENT

Name:	Account No.:	Invoice No:
MSA PROFESSIONAL SERVICES	MSA 001	(F) IVC00000000024565
Invoice Date: 12/20/2019	AMOUNT PAID:	BALANCE DUE: 326.64

CT LABORATORIES
delivering more than data from your environmental analyses

CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

MSA PROFESSIONAL SERVICES
JAYNE ENGLEBERT
1230 SOUTH BLVD
BARABOO, WI 53913

Project Name: QUICK CLEANERS
Project Phase:
Contract #: 1269
Project #: 213391
Folder #: 149847
Purchase Order #:

Arrival Temperature: See COC
Report Date: 12/13/2019
Date Received: 11/22/2019
Reprint Date: 12/13/2019

CT LAB Sample#: 362168 Sample Description: MW-1 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 08:48	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 08:48	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 08:48	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 08:48	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 08:48	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 08:48	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 08:48	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 08:48	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 08:48	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 08:48	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 08:48	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362168 Sample Description: MW-1 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 08:48	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 08:48	RLD	EPA 8260C
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 08:48	RLD	EPA 8260C
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 08:48	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 08:48	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 08:48	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 08:48	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 08:48	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 08:48	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 08:48	RLD	EPA 8260C
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 08:48	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 08:48	RLD	EPA 8260C
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 08:48	RLD	EPA 8260C
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 08:48	RLD	EPA 8260C
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 08:48	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 08:48	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 08:48	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 08:48	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 08:48	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 08:48	RLD	EPA 8260C
cis-1,2-Dichloroethene	**6.9**	ug/L	3.0 *	11	10			12/06/2019 08:48	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362168 Sample Description: MW-1 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 08:48	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 08:48	RLD	EPA 8260C
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 08:48	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 08:48	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 08:48	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 08:48	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
Methylene chloride	**7.4**	ug/L	4.0 *	15	10			12/06/2019 08:48	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 08:48	RLD	EPA 8260C
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 08:48	RLD	EPA 8260C
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 08:48	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 08:48	RLD	EPA 8260C
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 08:48	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 08:48	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 08:48	RLD	EPA 8260C
Tetrachloroethene	**200**	ug/L	2.7	8.9	10			12/06/2019 08:48	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 08:48	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 08:48	RLD	EPA 8260C
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	12	10			12/06/2019 08:48	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 08:48	RLD	EPA 8260C
Trichloroethene	**8.4**	ug/L	3.0 *	11	10			12/06/2019 08:48	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362168 Sample Description: MW-1 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 08:48	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 08:48	RLD	EPA 8260C
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 08:48	RLD	EPA 8260C

CT LAB Sample#: 362169 Sample Description: MW-2 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/06/2019 16:39	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.29	ug/L	0.29	0.98	1			12/06/2019 16:39	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	0.99	1			12/06/2019 16:39	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.2	1			12/06/2019 16:39	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/06/2019 16:39	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.23	ug/L	0.23	0.77	1			12/06/2019 16:39	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			12/06/2019 16:39	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.29	ug/L	0.29	0.96	1			12/06/2019 16:39	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.25	ug/L	0.25	0.82	1	Z,Y		12/06/2019 16:39	RLD	EPA 8260C
1,2-Dibromoethane	<0.30	ug/L	0.30	1.0	1			12/06/2019 16:39	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
1,2-Dichloroethane	<0.24	ug/L	0.24	0.81	1			12/06/2019 16:39	RLD	EPA 8260C
1,2-Dichloropropane	<0.18	ug/L	0.18	0.61	1			12/06/2019 16:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362169 Sample Description: MW-2 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.27	ug/L	0.27	0.89	1			12/06/2019 16:39	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.26	ug/L	0.26	0.87	1			12/06/2019 16:39	RLD	EPA 8260C
1,3-Dichloropropane	<0.17	ug/L	0.17	0.57	1			12/06/2019 16:39	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
2,2-Dichloropropane	<0.30	ug/L	0.30	0.99	1			12/06/2019 16:39	RLD	EPA 8260C
2-Butanone	<2.6	ug/L	2.6	8.8	1	Z,Y		12/06/2019 16:39	RLD	EPA 8260C
2-Chlorotoluene	<0.25	ug/L	0.25	0.84	1			12/06/2019 16:39	RLD	EPA 8260C
2-Hexanone	<3.0	ug/L	3.0	10	1	Z,Y		12/06/2019 16:39	RLD	EPA 8260C
4-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.2	ug/L	2.2	7.4	1	Z,Y		12/06/2019 16:39	RLD	EPA 8260C
Acetone	<4.0	ug/L	4.0	12	1	Z		12/06/2019 16:39	RLD	EPA 8260C
Benzene	<0.40	ug/L	0.40	1.4	1			12/06/2019 16:39	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.3	1			12/06/2019 16:39	RLD	EPA 8260C
Bromochloromethane	<0.30	ug/L	0.30	1.0	1			12/06/2019 16:39	RLD	EPA 8260C
Bromodichloromethane	<0.29	ug/L	0.29	0.95	1			12/06/2019 16:39	RLD	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.3	1			12/06/2019 16:39	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	3.1	1			12/06/2019 16:39	RLD	EPA 8260C
Carbon disulfide	<0.60	ug/L	0.60	1.9	1			12/06/2019 16:39	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			12/06/2019 16:39	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.2	1			12/06/2019 16:39	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			12/06/2019 16:39	RLD	EPA 8260C
cis-1,2-Dichloroethene	**62**	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.16	ug/L	0.16	0.54	1			12/06/2019 16:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362169 Sample Description: MW-2 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
Dibromomethane	<0.22	ug/L	0.22	0.73	1			12/06/2019 16:39	RLD	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.3	1			12/06/2019 16:39	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.3	1			12/06/2019 16:39	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.2	1			12/06/2019 16:39	RLD	EPA 8260C
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.4	1			12/06/2019 16:39	RLD	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
Methylene chloride	<0.40	ug/L	0.40	1.5	1			12/06/2019 16:39	RLD	EPA 8260C
n-Butylbenzene	<0.29	ug/L	0.29	0.98	1			12/06/2019 16:39	RLD	EPA 8260C
n-Propylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
Naphthalene	<0.30	ug/L	0.30	1.0	1	Z		12/06/2019 16:39	RLD	EPA 8260C
o-Xylene	<0.26	ug/L	0.26	0.88	1			12/06/2019 16:39	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/06/2019 16:39	RLD	EPA 8260C
Styrene	<0.29	ug/L	0.29	0.95	1			12/06/2019 16:39	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/06/2019 16:39	RLD	EPA 8260C
Tetrachloroethene	**9.5**	ug/L	0.27	0.89	1			12/06/2019 16:39	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1	Z,Y		12/06/2019 16:39	RLD	EPA 8260C
Toluene	<0.21	ug/L	0.21	0.69	1			12/06/2019 16:39	RLD	EPA 8260C
trans-1,2-Dichloroethene	**1.4**	ug/L	0.30	1.2	1			12/06/2019 16:39	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.23	ug/L	0.23	0.77	1			12/06/2019 16:39	RLD	EPA 8260C
Trichloroethene	**8.9**	ug/L	0.30	1.1	1			12/06/2019 16:39	RLD	EPA 8260C
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			12/06/2019 16:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362169 Sample Description: MW-2 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl acetate	<5.0	ug/L	5.0	17	1			12/06/2019 16:39	RLD	EPA 8260C
Vinyl chloride	<0.14	ug/L	0.14	0.46	1			12/06/2019 16:39	RLD	EPA 8260C

CT LAB Sample#: 362170 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 09:46	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 09:46	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 09:46	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 09:46	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 09:46	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 09:46	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 09:46	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 09:46	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 09:46	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 09:46	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 09:46	RLD	EPA 8260C
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 09:46	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 09:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362170 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 09:46	RLD	EPA 8260C
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 09:46	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 09:46	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 09:46	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 09:46	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 09:46	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 09:46	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 09:46	RLD	EPA 8260C
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 09:46	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 09:46	RLD	EPA 8260C
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 09:46	RLD	EPA 8260C
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 09:46	RLD	EPA 8260C
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 09:46	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 09:46	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 09:46	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 09:46	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 09:46	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 09:46	RLD	EPA 8260C
cis-1,2-Dichloroethene	**230**	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 09:46	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362170 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 09:46	RLD	EPA 8260C
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 09:46	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 09:46	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 09:46	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 09:46	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
Methylene chloride	**8.4**	ug/L	4.0 *	15	10			12/06/2019 09:46	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 09:46	RLD	EPA 8260C
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 09:46	RLD	EPA 8260C
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 09:46	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 09:46	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 09:46	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 09:46	RLD	EPA 8260C
Tetrachloroethene	**50**	ug/L	2.7	8.9	10			12/06/2019 09:46	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 09:46	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 09:46	RLD	EPA 8260C
trans-1,2-Dichloroethene	**7.6**	ug/L	3.0 *	12	10			12/06/2019 09:46	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 09:46	RLD	EPA 8260C
Trichloroethene	**44**	ug/L	3.0	11	10			12/06/2019 09:46	RLD	EPA 8260C
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 09:46	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 09:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362170 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 09:46	RLD	EPA 8260C

CT LAB Sample#: 362171 Sample Description: MW-5 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 10:16	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 10:16	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 10:16	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 10:16	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 10:16	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 10:16	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 10:16	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 10:16	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 10:16	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 10:16	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 10:16	RLD	EPA 8260C
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 10:16	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 10:16	RLD	EPA 8260C
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 10:16	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362171 Sample Description: MW-5 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 10:16	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 10:16	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 10:16	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 10:16	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 10:16	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 10:16	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 10:16	RLD	EPA 8260C
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 10:16	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 10:16	RLD	EPA 8260C
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 10:16	RLD	EPA 8260C
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 10:16	RLD	EPA 8260C
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 10:16	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 10:16	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 10:16	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 10:16	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 10:16	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 10:16	RLD	EPA 8260C
cis-1,2-Dichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 10:16	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 10:16	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362171 Sample Description: MW-5 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 10:16	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 10:16	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 10:16	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 10:16	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
Methylene chloride	**6.9**	ug/L	4.0 *	15	10			12/06/2019 10:16	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 10:16	RLD	EPA 8260C
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 10:16	RLD	EPA 8260C
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 10:16	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 10:16	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 10:16	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 10:16	RLD	EPA 8260C
Tetrachloroethene	**180**	ug/L	2.7	8.9	10			12/06/2019 10:16	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 10:16	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 10:16	RLD	EPA 8260C
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	12	10			12/06/2019 10:16	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 10:16	RLD	EPA 8260C
Trichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 10:16	RLD	EPA 8260C
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 10:16	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 10:16	RLD	EPA 8260C
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 10:16	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362172 Sample Description: MW-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/06/2019 17:08	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.29	ug/L	0.29	0.98	1			12/06/2019 17:08	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	0.99	1			12/06/2019 17:08	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.2	1			12/06/2019 17:08	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/06/2019 17:08	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.23	ug/L	0.23	0.77	1			12/06/2019 17:08	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			12/06/2019 17:08	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.29	ug/L	0.29	0.96	1			12/06/2019 17:08	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.25	ug/L	0.25	0.82	1	Z,Y		12/06/2019 17:08	RLD	EPA 8260C
1,2-Dibromoethane	<0.30	ug/L	0.30	1.0	1			12/06/2019 17:08	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
1,2-Dichloroethane	<0.24	ug/L	0.24	0.81	1			12/06/2019 17:08	RLD	EPA 8260C
1,2-Dichloropropane	<0.18	ug/L	0.18	0.61	1			12/06/2019 17:08	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.27	ug/L	0.27	0.89	1			12/06/2019 17:08	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.26	ug/L	0.26	0.87	1			12/06/2019 17:08	RLD	EPA 8260C
1,3-Dichloropropane	<0.17	ug/L	0.17	0.57	1			12/06/2019 17:08	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
2,2-Dichloropropane	<0.30	ug/L	0.30	0.99	1			12/06/2019 17:08	RLD	EPA 8260C
2-Butanone	<2.6	ug/L	2.6	8.8	1	Z,Y		12/06/2019 17:08	RLD	EPA 8260C
2-Chlorotoluene	<0.25	ug/L	0.25	0.84	1			12/06/2019 17:08	RLD	EPA 8260C
2-Hexanone	<3.0	ug/L	3.0	10	1	Z,Y		12/06/2019 17:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362172 Sample Description: MW-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.2	ug/L	2.2	7.4	1	Z,Y		12/06/2019 17:08	RLD	EPA 8260C
Acetone	<4.0	ug/L	4.0	12	1	Z		12/06/2019 17:08	RLD	EPA 8260C
Benzene	<0.40	ug/L	0.40	1.4	1			12/06/2019 17:08	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.3	1			12/06/2019 17:08	RLD	EPA 8260C
Bromochloromethane	<0.30	ug/L	0.30	1.0	1			12/06/2019 17:08	RLD	EPA 8260C
Bromodichloromethane	<0.29	ug/L	0.29	0.95	1			12/06/2019 17:08	RLD	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.3	1			12/06/2019 17:08	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	3.1	1			12/06/2019 17:08	RLD	EPA 8260C
Carbon disulfide	<0.60	ug/L	0.60	1.9	1			12/06/2019 17:08	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			12/06/2019 17:08	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.2	1			12/06/2019 17:08	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			12/06/2019 17:08	RLD	EPA 8260C
cis-1,2-Dichloroethene	**0.52**	ug/L	0.30 *	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.16	ug/L	0.16	0.54	1			12/06/2019 17:08	RLD	EPA 8260C
Dibromochloromethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
Dibromomethane	<0.22	ug/L	0.22	0.73	1			12/06/2019 17:08	RLD	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.3	1			12/06/2019 17:08	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.3	1			12/06/2019 17:08	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.2	1			12/06/2019 17:08	RLD	EPA 8260C
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.4	1			12/06/2019 17:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362172 Sample Description: MW-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
Methylene chloride	<0.40	ug/L	0.40	1.5	1			12/06/2019 17:08	RLD	EPA 8260C
n-Butylbenzene	<0.29	ug/L	0.29	0.98	1			12/06/2019 17:08	RLD	EPA 8260C
n-Propylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
Naphthalene	<0.30	ug/L	0.30	1.0	1	Z		12/06/2019 17:08	RLD	EPA 8260C
o-Xylene	<0.26	ug/L	0.26	0.88	1			12/06/2019 17:08	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/06/2019 17:08	RLD	EPA 8260C
Styrene	<0.29	ug/L	0.29	0.95	1			12/06/2019 17:08	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/06/2019 17:08	RLD	EPA 8260C
Tetrachloroethene	**60**	ug/L	0.27	0.89	1			12/06/2019 17:08	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1	Z,Y		12/06/2019 17:08	RLD	EPA 8260C
Toluene	<0.21	ug/L	0.21	0.69	1			12/06/2019 17:08	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.2	1			12/06/2019 17:08	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.23	ug/L	0.23	0.77	1			12/06/2019 17:08	RLD	EPA 8260C
Trichloroethene	**0.57**	ug/L	0.30 *	1.1	1			12/06/2019 17:08	RLD	EPA 8260C
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			12/06/2019 17:08	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	17	1			12/06/2019 17:08	RLD	EPA 8260C
Vinyl chloride	<0.14	ug/L	0.14	0.46	1			12/06/2019 17:08	RLD	EPA 8260C

CT LAB Sample#: 362173 Sample Description: PZ-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Organic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362173 Sample Description: PZ-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 11:14	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 11:14	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 11:14	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 11:14	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 11:14	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 11:14	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 11:14	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 11:14	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 11:14	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 11:14	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 11:14	RLD	EPA 8260C
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 11:14	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 11:14	RLD	EPA 8260C
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 11:14	RLD	EPA 8260C
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 11:14	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 11:14	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 11:14	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 11:14	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 11:14	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362173 Sample Description: PZ-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 11:14	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 11:14	RLD	EPA 8260C
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 11:14	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 11:14	RLD	EPA 8260C
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 11:14	RLD	EPA 8260C
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 11:14	RLD	EPA 8260C
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 11:14	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 11:14	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 11:14	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 11:14	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 11:14	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 11:14	RLD	EPA 8260C
cis-1,2-Dichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 11:14	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 11:14	RLD	EPA 8260C
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 11:14	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 11:14	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 11:14	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 11:14	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362173 Sample Description: PZ-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methylene chloride	<4.0	ug/L	4.0	15	10			12/06/2019 11:14	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 11:14	RLD	EPA 8260C
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 11:14	RLD	EPA 8260C
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 11:14	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 11:14	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 11:14	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 11:14	RLD	EPA 8260C
Tetrachloroethene	**330**	ug/L	2.7	8.9	10			12/06/2019 11:14	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 11:14	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 11:14	RLD	EPA 8260C
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	12	10			12/06/2019 11:14	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 11:14	RLD	EPA 8260C
Trichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 11:14	RLD	EPA 8260C
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 11:14	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 11:14	RLD	EPA 8260C
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 11:14	RLD	EPA 8260C

CT LAB Sample#: 362174 Sample Description: MW-7 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/06/2019 17:37	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362174 Sample Description: MW-7 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,1-Trichloroethane	<0.29	ug/L	0.29	0.98	1			12/06/2019 17:37	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	0.99	1			12/06/2019 17:37	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.2	1			12/06/2019 17:37	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/06/2019 17:37	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.23	ug/L	0.23	0.77	1			12/06/2019 17:37	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			12/06/2019 17:37	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.29	ug/L	0.29	0.96	1			12/06/2019 17:37	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.25	ug/L	0.25	0.82	1	Z,Y		12/06/2019 17:37	RLD	EPA 8260C
1,2-Dibromoethane	<0.30	ug/L	0.30	1.0	1			12/06/2019 17:37	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
1,2-Dichloroethane	<0.24	ug/L	0.24	0.81	1			12/06/2019 17:37	RLD	EPA 8260C
1,2-Dichloropropane	<0.18	ug/L	0.18	0.61	1			12/06/2019 17:37	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.27	ug/L	0.27	0.89	1			12/06/2019 17:37	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.26	ug/L	0.26	0.87	1			12/06/2019 17:37	RLD	EPA 8260C
1,3-Dichloropropane	<0.17	ug/L	0.17	0.57	1			12/06/2019 17:37	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
2,2-Dichloropropane	<0.30	ug/L	0.30	0.99	1			12/06/2019 17:37	RLD	EPA 8260C
2-Butanone	<2.6	ug/L	2.6	8.8	1	Z,Y		12/06/2019 17:37	RLD	EPA 8260C
2-Chlorotoluene	<0.25	ug/L	0.25	0.84	1			12/06/2019 17:37	RLD	EPA 8260C
2-Hexanone	<3.0	ug/L	3.0	10	1	Z,Y		12/06/2019 17:37	RLD	EPA 8260C
4-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.2	ug/L	2.2	7.4	1	Z,Y		12/06/2019 17:37	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362174 Sample Description: MW-7 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	<4.0	ug/L	4.0	12	1	Z		12/06/2019 17:37	RLD	EPA 8260C
Benzene	<0.40	ug/L	0.40	1.4	1			12/06/2019 17:37	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.3	1			12/06/2019 17:37	RLD	EPA 8260C
Bromochloromethane	<0.30	ug/L	0.30	1.0	1			12/06/2019 17:37	RLD	EPA 8260C
Bromodichloromethane	<0.29	ug/L	0.29	0.95	1			12/06/2019 17:37	RLD	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.3	1			12/06/2019 17:37	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	3.1	1			12/06/2019 17:37	RLD	EPA 8260C
Carbon disulfide	<0.60	ug/L	0.60	1.9	1			12/06/2019 17:37	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			12/06/2019 17:37	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.2	1			12/06/2019 17:37	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			12/06/2019 17:37	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.16	ug/L	0.16	0.54	1			12/06/2019 17:37	RLD	EPA 8260C
Dibromochloromethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
Dibromomethane	<0.22	ug/L	0.22	0.73	1			12/06/2019 17:37	RLD	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.3	1			12/06/2019 17:37	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.3	1			12/06/2019 17:37	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.2	1			12/06/2019 17:37	RLD	EPA 8260C
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.4	1			12/06/2019 17:37	RLD	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
Methylene chloride	<0.40	ug/L	0.40	1.5	1			12/06/2019 17:37	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362174 Sample Description: MW-7 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Butylbenzene	<0.29	ug/L	0.29	0.98	1			12/06/2019 17:37	RLD	EPA 8260C
n-Propylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
Naphthalene	<0.30	ug/L	0.30	1.0	1	Z		12/06/2019 17:37	RLD	EPA 8260C
o-Xylene	<0.26	ug/L	0.26	0.88	1			12/06/2019 17:37	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/06/2019 17:37	RLD	EPA 8260C
Styrene	<0.29	ug/L	0.29	0.95	1			12/06/2019 17:37	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/06/2019 17:37	RLD	EPA 8260C
Tetrachloroethene	**71**	ug/L	0.27	0.89	1			12/06/2019 17:37	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1	Z,Y		12/06/2019 17:37	RLD	EPA 8260C
Toluene	<0.21	ug/L	0.21	0.69	1			12/06/2019 17:37	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.2	1			12/06/2019 17:37	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.23	ug/L	0.23	0.77	1			12/06/2019 17:37	RLD	EPA 8260C
Trichloroethene	**0.40**	ug/L	0.30 *	1.1	1			12/06/2019 17:37	RLD	EPA 8260C
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			12/06/2019 17:37	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	17	1			12/06/2019 17:37	RLD	EPA 8260C
Vinyl chloride	<0.14	ug/L	0.14	0.46	1			12/06/2019 17:37	RLD	EPA 8260C

CT LAB Sample#: 362175 Sample Description: PZ-7 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 12:13	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 12:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362175 Sample Description: PZ-7 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 12:13	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 12:13	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 12:13	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 12:13	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 12:13	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 12:13	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 12:13	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 12:13	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 12:13	RLD	EPA 8260C
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 12:13	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 12:13	RLD	EPA 8260C
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 12:13	RLD	EPA 8260C
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 12:13	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 12:13	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 12:13	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 12:13	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 12:13	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 12:13	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 12:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362175 Sample Description: PZ-7 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 12:13	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 12:13	RLD	EPA 8260C
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 12:13	RLD	EPA 8260C
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 12:13	RLD	EPA 8260C
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 12:13	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 12:13	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 12:13	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 12:13	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 12:13	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 12:13	RLD	EPA 8260C
cis-1,2-Dichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 12:13	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 12:13	RLD	EPA 8260C
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 12:13	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 12:13	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 12:13	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 12:13	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
Methylene chloride	<4.0	ug/L	4.0	15	10			12/06/2019 12:13	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 12:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362175 Sample Description: PZ-7 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 12:13	RLD	EPA 8260C
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 12:13	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 12:13	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 12:13	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 12:13	RLD	EPA 8260C
Tetrachloroethene	**170**	ug/L	2.7	8.9	10			12/06/2019 12:13	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 12:13	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 12:13	RLD	EPA 8260C
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	12	10			12/06/2019 12:13	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 12:13	RLD	EPA 8260C
Trichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 12:13	RLD	EPA 8260C
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 12:13	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 12:13	RLD	EPA 8260C
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 12:13	RLD	EPA 8260C

CT LAB Sample#: 362176 Sample Description: MW-8 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 12:43	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 12:43	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362176 Sample Description: MW-8 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 12:43	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 12:43	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 12:43	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 12:43	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 12:43	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 12:43	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 12:43	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 12:43	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 12:43	RLD	EPA 8260C
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 12:43	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 12:43	RLD	EPA 8260C
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 12:43	RLD	EPA 8260C
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 12:43	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 12:43	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 12:43	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 12:43	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 12:43	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 12:43	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 12:43	RLD	EPA 8260C
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 12:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362176 Sample Description: MW-8 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 12:43	RLD	EPA 8260C
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 12:43	RLD	EPA 8260C
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 12:43	RLD	EPA 8260C
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 12:43	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 12:43	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 12:43	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 12:43	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 12:43	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 12:43	RLD	EPA 8260C
cis-1,2-Dichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 12:43	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 12:43	RLD	EPA 8260C
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 12:43	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 12:43	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 12:43	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 12:43	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
Methylene chloride	<4.0	ug/L	4.0	15	10			12/06/2019 12:43	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 12:43	RLD	EPA 8260C
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362176 Sample Description: MW-8 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 12:43	RLD	EPA 8260C
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 12:43	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 12:43	RLD	EPA 8260C
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 12:43	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 12:43	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 12:43	RLD	EPA 8260C
Tetrachloroethene	**110**	ug/L	2.7	8.9	10			12/06/2019 12:43	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 12:43	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 12:43	RLD	EPA 8260C
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	12	10			12/06/2019 12:43	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 12:43	RLD	EPA 8260C
Trichloroethene	**4.5**	ug/L	3.0 *	11	10			12/06/2019 12:43	RLD	EPA 8260C
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 12:43	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 12:43	RLD	EPA 8260C
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 12:43	RLD	EPA 8260C

CT LAB Sample#: 362177 Sample Description: PZ-8 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 13:13	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 13:13	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 13:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362177 Sample Description: PZ-8 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 13:13	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 13:13	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 13:13	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 13:13	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 13:13	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 13:13	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 13:13	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 13:13	RLD	EPA 8260C
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 13:13	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 13:13	RLD	EPA 8260C
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 13:13	RLD	EPA 8260C
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 13:13	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 13:13	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 13:13	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 13:13	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 13:13	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 13:13	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 13:13	RLD	EPA 8260C
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 13:13	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 13:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362177 Sample Description: PZ-8 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 13:13	RLD	EPA 8260C
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 13:13	RLD	EPA 8260C
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 13:13	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 13:13	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 13:13	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 13:13	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 13:13	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 13:13	RLD	EPA 8260C
cis-1,2-Dichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 13:13	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 13:13	RLD	EPA 8260C
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 13:13	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 13:13	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 13:13	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 13:13	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
Methylene chloride	<4.0	ug/L	4.0	15	10			12/06/2019 13:13	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 13:13	RLD	EPA 8260C
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 13:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362177 Sample Description: PZ-8 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 13:13	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 13:13	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 13:13	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 13:13	RLD	EPA 8260C
Tetrachloroethene	**470**	ug/L	2.7	8.9	10			12/06/2019 13:13	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 13:13	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 13:13	RLD	EPA 8260C
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	12	10			12/06/2019 13:13	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 13:13	RLD	EPA 8260C
Trichloroethene	**25**	ug/L	3.0	11	10			12/06/2019 13:13	RLD	EPA 8260C
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 13:13	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 13:13	RLD	EPA 8260C
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 13:13	RLD	EPA 8260C

CT LAB Sample#: 362178 Sample Description: MW-9 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 13:42	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 13:42	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 13:42	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362178 Sample Description: MW-9 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 13:42	RLD	EPA 8260C
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 13:42	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 13:42	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 13:42	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 13:42	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 13:42	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 13:42	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 13:42	RLD	EPA 8260C
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 13:42	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 13:42	RLD	EPA 8260C
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 13:42	RLD	EPA 8260C
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 13:42	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 13:42	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 13:42	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 13:42	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 13:42	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 13:42	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 13:42	RLD	EPA 8260C
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 13:42	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 13:42	RLD	EPA 8260C
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 13:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362178 Sample Description: MW-9 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 13:42	RLD	EPA 8260C
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 13:42	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 13:42	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 13:42	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 13:42	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 13:42	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 13:42	RLD	EPA 8260C
cis-1,2-Dichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 13:42	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 13:42	RLD	EPA 8260C
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 13:42	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 13:42	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 13:42	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 13:42	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
Methylene chloride	<4.0	ug/L	4.0	15	10			12/06/2019 13:42	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 13:42	RLD	EPA 8260C
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 13:42	RLD	EPA 8260C
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 13:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362178 Sample Description: MW-9 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 13:42	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 13:42	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 13:42	RLD	EPA 8260C
Tetrachloroethene	**240**	ug/L	2.7	8.9	10			12/06/2019 13:42	RLD	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 13:42	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 13:42	RLD	EPA 8260C
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	12	10			12/06/2019 13:42	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 13:42	RLD	EPA 8260C
Trichloroethene	<3.0	ug/L	3.0	11	10			12/06/2019 13:42	RLD	EPA 8260C
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 13:42	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 13:42	RLD	EPA 8260C
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 13:42	RLD	EPA 8260C

CT LAB Sample#: 362179 Sample Description: PZ-9 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<4.0	ug/L	4.0	14	10			12/06/2019 14:12	RLD	EPA 8260C
1,1,1-Trichloroethane	<2.9	ug/L	2.9	9.8	10			12/06/2019 14:12	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
1,1,2-Trichloroethane	<3.0	ug/L	3.0	9.9	10			12/06/2019 14:12	RLD	EPA 8260C
1,1-Dichloroethane	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
1,1-Dichloroethene	<4.0	ug/L	4.0	12	10			12/06/2019 14:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362179 Sample Description: PZ-9 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloropropene	<3.0	ug/L	3.0	10	10			12/06/2019 14:12	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<2.3	ug/L	2.3	7.7	10			12/06/2019 14:12	RLD	EPA 8260C
1,2,3-Trichloropropane	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<2.8	ug/L	2.8	9.3	10			12/06/2019 14:12	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<2.9	ug/L	2.9	9.6	10			12/06/2019 14:12	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.2	10	Z,Y		12/06/2019 14:12	RLD	EPA 8260C
1,2-Dibromoethane	<3.0	ug/L	3.0	10	10			12/06/2019 14:12	RLD	EPA 8260C
1,2-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
1,2-Dichloroethane	<2.4	ug/L	2.4	8.1	10			12/06/2019 14:12	RLD	EPA 8260C
1,2-Dichloropropane	<1.8	ug/L	1.8	6.1	10			12/06/2019 14:12	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<2.7	ug/L	2.7	8.9	10			12/06/2019 14:12	RLD	EPA 8260C
1,3-Dichlorobenzene	<2.6	ug/L	2.6	8.7	10			12/06/2019 14:12	RLD	EPA 8260C
1,3-Dichloropropane	<1.7	ug/L	1.7	5.7	10			12/06/2019 14:12	RLD	EPA 8260C
1,4-Dichlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
2,2-Dichloropropane	<3.0	ug/L	3.0	9.9	10			12/06/2019 14:12	RLD	EPA 8260C
2-Butanone	<26	ug/L	26	88	10	Z,Y		12/06/2019 14:12	RLD	EPA 8260C
2-Chlorotoluene	<2.5	ug/L	2.5	8.4	10			12/06/2019 14:12	RLD	EPA 8260C
2-Hexanone	<30	ug/L	30	100	10	Z,Y		12/06/2019 14:12	RLD	EPA 8260C
4-Chlorotoluene	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
4-Methyl-2-pentanone	<22	ug/L	22	74	10	Z,Y		12/06/2019 14:12	RLD	EPA 8260C
Acetone	<40	ug/L	40	120	10	Z		12/06/2019 14:12	RLD	EPA 8260C
Benzene	<4.0	ug/L	4.0	14	10			12/06/2019 14:12	RLD	EPA 8260C
Bromobenzene	<4.0	ug/L	4.0	13	10			12/06/2019 14:12	RLD	EPA 8260C
Bromochloromethane	<3.0	ug/L	3.0	10	10			12/06/2019 14:12	RLD	EPA 8260C
Bromodichloromethane	<2.9	ug/L	2.9	9.5	10			12/06/2019 14:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362179 Sample Description: PZ-9 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromoform	<4.0	ug/L	4.0	13	10			12/06/2019 14:12	RLD	EPA 8260C
Bromomethane	<9.0	ug/L	9.0	31	10			12/06/2019 14:12	RLD	EPA 8260C
Carbon disulfide	<6.0	ug/L	6.0	19	10			12/06/2019 14:12	RLD	EPA 8260C
Carbon tetrachloride	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
Chlorobenzene	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
Chloroethane	<5.0	ug/L	5.0	16	10			12/06/2019 14:12	RLD	EPA 8260C
Chloroform	<3.0	ug/L	3.0	12	10			12/06/2019 14:12	RLD	EPA 8260C
Chloromethane	<6.0	ug/L	6.0	21	10			12/06/2019 14:12	RLD	EPA 8260C
cis-1,2-Dichloroethene	**24**	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
cis-1,3-Dichloropropene	<1.6	ug/L	1.6	5.4	10			12/06/2019 14:12	RLD	EPA 8260C
Dibromochloromethane	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
Dibromomethane	<2.2	ug/L	2.2	7.3	10			12/06/2019 14:12	RLD	EPA 8260C
Dichlorodifluoromethane	<4.0	ug/L	4.0	13	10			12/06/2019 14:12	RLD	EPA 8260C
Diisopropyl ether	<4.0	ug/L	4.0	13	10			12/06/2019 14:12	RLD	EPA 8260C
Ethylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
Hexachlorobutadiene	<4.0	ug/L	4.0	12	10			12/06/2019 14:12	RLD	EPA 8260C
Isopropylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
m & p-Xylene	<7.0	ug/L	7.0	24	10			12/06/2019 14:12	RLD	EPA 8260C
Methyl tert-butyl ether	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
Methylene chloride	<4.0	ug/L	4.0	15	10			12/06/2019 14:12	RLD	EPA 8260C
n-Butylbenzene	<2.9	ug/L	2.9	9.8	10			12/06/2019 14:12	RLD	EPA 8260C
n-Propylbenzene	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C
Naphthalene	<3.0	ug/L	3.0	10	10	Z		12/06/2019 14:12	RLD	EPA 8260C
o-Xylene	<2.6	ug/L	2.6	8.8	10			12/06/2019 14:12	RLD	EPA 8260C
p-Isopropyltoluene	<3.0	ug/L	3.0	11	10			12/06/2019 14:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362179 Sample Description: PZ-9 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
sec-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 14:12	RLD	EPA 8260C
Styrene	<2.9	ug/L	2.9	9.5	10			12/06/2019 14:12	RLD	EPA 8260C
tert-Butylbenzene	<4.0	ug/L	4.0	12	10			12/06/2019 14:12	RLD	EPA 8260C
Tetrachloroethene	**2100**	ug/L	14	45	50			12/06/2019 18:07	DGS	EPA 8260C
Tetrahydrofuran	<30	ug/L	30	100	10	Z,Y		12/06/2019 14:12	RLD	EPA 8260C
Toluene	<2.1	ug/L	2.1	6.9	10			12/06/2019 14:12	RLD	EPA 8260C
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	12	10			12/06/2019 14:12	RLD	EPA 8260C
trans-1,3-Dichloropropene	<2.3	ug/L	2.3	7.7	10			12/06/2019 14:12	RLD	EPA 8260C
Trichloroethene	**9.8**	ug/L	3.0 *	11	10			12/06/2019 14:12	RLD	EPA 8260C
Trichlorofluoromethane	<4.0	ug/L	4.0	14	10			12/06/2019 14:12	RLD	EPA 8260C
Vinyl acetate	<50	ug/L	50	170	10			12/06/2019 14:12	RLD	EPA 8260C
Vinyl chloride	<1.4	ug/L	1.4	4.6	10			12/06/2019 14:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	Incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 289
Louisiana NELAP (primary) ID# ACC20190002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# 344
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20190002

Rev. 2/2017

WASTEWATER CHAIN OF CUSTODY

Page 1 of 2

Company: MSA Professional Services
Project Contact: Jamie Krall
Telephone: 608-356-2771
Project Name: Quick Cleaners
Project #: 213391
Location: WI
Sampled By: DAVID FITZSIMMONS

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
2760 Fax 608-356-2766
www.ctlaboratories.com

Folder #: 149847
Company: MSA PROFESSIONAL S
Project: QUICK CLEANERS
Logged By: EKB PM ET

SDWA NPDES
Other _____

Report To:
EMAIL: MSA
Company: 1232 South Blvd,
Address: Baraboo WI 53913

Invoice To:*
EMAIL: Same.
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Turnaround Time
(Normal) RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample ID Description	Filtered? Y/N	BOD	TSS	pH	Fecal Coliform	Chloride	Nitrate + Nitrite	Phosphorous	Ammonia Nit (NH3-N)	TKN	Lab Filtration		VOC 8260	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
						ANALYSES REQUESTED (Fill in Spaces with Bottles per Test)														
11/21	22/14	GW	G	MW-1	N												X	3		362168
				MW-2													X	3		362169
				MW-3													X	3		362170
				MW-5													X	3		362171
				MW-6													X	3		362172
				P2-6													X	3		362173
				MW-7													X	3		362174
				P2-7													X	3		362175
				MW-8													X	3		362176
				P2-8													X	3		362177
				MW-9													X	3		362178
				P2-9													X	3		362179

Relinquished By:	Date/Time	Received By:	Date/Time
David Fitzsimmons	11/22/19	elcb	11-22-19 1411
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		elcb	11-22-19 1502

Lab Use Only
Ice Present (Yes) No
Temp 0.6 IR Gun 98
Cooler # 6428

CT LABORATORIES
delivering more than data from your environmental analyses

CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

MSA PROFESSIONAL SERVICES
JAYNE ENGLEBERT
1230 SOUTH BLVD
BARABOO, WI 53913

Project Name: HANGERS CLEANERS
Project Phase:
Contract #: 1269
Project #: 10649000
Folder #: 149848
Purchase Order #:

Arrival Temperature: See COC
Report Date: 12/13/2019
Date Received: 11/22/2019
Reprint Date: 12/13/2019

CT LAB Sample#: 362180 Sample Description: MW-1 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<8.0	ug/L	8.0	28	20			12/06/2019 14:41	RLD	EPA 8260C
1,1,1-Trichloroethane	<5.8	ug/L	5.8	20	20			12/06/2019 14:41	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
1,1,2-Trichloroethane	<6.0	ug/L	6.0	20	20			12/06/2019 14:41	RLD	EPA 8260C
1,1-Dichloroethane	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
1,1-Dichloroethene	<8.0	ug/L	8.0	24	20			12/06/2019 14:41	RLD	EPA 8260C
1,1-Dichloropropene	<6.0	ug/L	6.0	20	20			12/06/2019 14:41	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<4.6	ug/L	4.6	15	20			12/06/2019 14:41	RLD	EPA 8260C
1,2,3-Trichloropropane	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<5.6	ug/L	5.6	19	20			12/06/2019 14:41	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<5.8	ug/L	5.8	19	20			12/06/2019 14:41	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<5.0	ug/L	5.0	16	20	Z,Y		12/06/2019 14:41	RLD	EPA 8260C
1,2-Dibromoethane	<6.0	ug/L	6.0	20	20			12/06/2019 14:41	RLD	EPA 8260C
1,2-Dichlorobenzene	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
1,2-Dichloroethane	<4.8	ug/L	4.8	16	20			12/06/2019 14:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362180 Sample Description: MW-1 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichloropropane	<3.6	ug/L	3.6	12	20			12/06/2019 14:41	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<5.4	ug/L	5.4	18	20			12/06/2019 14:41	RLD	EPA 8260C
1,3-Dichlorobenzene	<5.2	ug/L	5.2	17	20			12/06/2019 14:41	RLD	EPA 8260C
1,3-Dichloropropane	<3.4	ug/L	3.4	11	20			12/06/2019 14:41	RLD	EPA 8260C
1,4-Dichlorobenzene	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
2,2-Dichloropropane	<6.0	ug/L	6.0	20	20			12/06/2019 14:41	RLD	EPA 8260C
2-Butanone	<52	ug/L	52	180	20	Z,Y		12/06/2019 14:41	RLD	EPA 8260C
2-Chlorotoluene	<5.0	ug/L	5.0	17	20			12/06/2019 14:41	RLD	EPA 8260C
2-Hexanone	<60	ug/L	60	200	20	Z,Y		12/06/2019 14:41	RLD	EPA 8260C
4-Chlorotoluene	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
4-Methyl-2-pentanone	<44	ug/L	44	150	20	Z,Y		12/06/2019 14:41	RLD	EPA 8260C
Acetone	<80	ug/L	80	240	20	Z		12/06/2019 14:41	RLD	EPA 8260C
Benzene	<8.0	ug/L	8.0	28	20			12/06/2019 14:41	RLD	EPA 8260C
Bromobenzene	<8.0	ug/L	8.0	26	20			12/06/2019 14:41	RLD	EPA 8260C
Bromochloromethane	<6.0	ug/L	6.0	20	20			12/06/2019 14:41	RLD	EPA 8260C
Bromodichloromethane	<5.8	ug/L	5.8	19	20			12/06/2019 14:41	RLD	EPA 8260C
Bromoform	<8.0	ug/L	8.0	26	20			12/06/2019 14:41	RLD	EPA 8260C
Bromomethane	<18	ug/L	18	62	20			12/06/2019 14:41	RLD	EPA 8260C
Carbon disulfide	<12	ug/L	12	38	20			12/06/2019 14:41	RLD	EPA 8260C
Carbon tetrachloride	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
Chlorobenzene	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
Chloroethane	<10	ug/L	10	32	20			12/06/2019 14:41	RLD	EPA 8260C
Chloroform	<6.0	ug/L	6.0	24	20			12/06/2019 14:41	RLD	EPA 8260C
Chloromethane	<12	ug/L	12	42	20			12/06/2019 14:41	RLD	EPA 8260C
cis-1,2-Dichloroethene	**36**	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362180 Sample Description: MW-1 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
cis-1,3-Dichloropropene	<3.2	ug/L	3.2	11	20			12/06/2019 14:41	RLD	EPA 8260C
Dibromochloromethane	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
Dibromomethane	<4.4	ug/L	4.4	15	20			12/06/2019 14:41	RLD	EPA 8260C
Dichlorodifluoromethane	<8.0	ug/L	8.0	26	20			12/06/2019 14:41	RLD	EPA 8260C
Diisopropyl ether	<8.0	ug/L	8.0	26	20			12/06/2019 14:41	RLD	EPA 8260C
Ethylbenzene	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
Hexachlorobutadiene	<8.0	ug/L	8.0	24	20			12/06/2019 14:41	RLD	EPA 8260C
Isopropylbenzene	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
m & p-Xylene	<14	ug/L	14	48	20			12/06/2019 14:41	RLD	EPA 8260C
Methyl tert-butyl ether	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
Methylene chloride	<8.0	ug/L	8.0	30	20			12/06/2019 14:41	RLD	EPA 8260C
n-Butylbenzene	<5.8	ug/L	5.8	20	20			12/06/2019 14:41	RLD	EPA 8260C
n-Propylbenzene	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
Naphthalene	<6.0	ug/L	6.0	20	20	Z		12/06/2019 14:41	RLD	EPA 8260C
o-Xylene	<5.2	ug/L	5.2	18	20			12/06/2019 14:41	RLD	EPA 8260C
p-Isopropyltoluene	<6.0	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C
sec-Butylbenzene	<8.0	ug/L	8.0	24	20			12/06/2019 14:41	RLD	EPA 8260C
Styrene	<5.8	ug/L	5.8	19	20			12/06/2019 14:41	RLD	EPA 8260C
tert-Butylbenzene	<8.0	ug/L	8.0	24	20			12/06/2019 14:41	RLD	EPA 8260C
Tetrachloroethene	**200**	ug/L	5.4	18	20			12/06/2019 14:41	RLD	EPA 8260C
Tetrahydrofuran	<60	ug/L	60	200	20	Z,Y		12/06/2019 14:41	RLD	EPA 8260C
Toluene	<4.2	ug/L	4.2	14	20			12/06/2019 14:41	RLD	EPA 8260C
trans-1,2-Dichloroethene	<6.0	ug/L	6.0	24	20			12/06/2019 14:41	RLD	EPA 8260C
trans-1,3-Dichloropropene	<4.6	ug/L	4.6	15	20			12/06/2019 14:41	RLD	EPA 8260C
Trichloroethene	**27**	ug/L	6.0	22	20			12/06/2019 14:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362180 Sample Description: MW-1 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichlorofluoromethane	<8.0	ug/L	8.0	28	20			12/06/2019 14:41	RLD	EPA 8260C
Vinyl acetate	<100	ug/L	100	340	20			12/06/2019 14:41	RLD	EPA 8260C
Vinyl chloride	<2.8	ug/L	2.8	9.2	20			12/06/2019 14:41	RLD	EPA 8260C

CT LAB Sample#: 362181 Sample Description: MW-1P Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<80	ug/L	80	280	200			12/06/2019 15:11	RLD	EPA 8260C
1,1,1-Trichloroethane	<58	ug/L	58	200	200			12/06/2019 15:11	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
1,1,2-Trichloroethane	<60	ug/L	60	200	200			12/06/2019 15:11	RLD	EPA 8260C
1,1-Dichloroethane	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
1,1-Dichloroethene	<80	ug/L	80	240	200			12/06/2019 15:11	RLD	EPA 8260C
1,1-Dichloropropene	<60	ug/L	60	200	200			12/06/2019 15:11	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<46	ug/L	46	150	200			12/06/2019 15:11	RLD	EPA 8260C
1,2,3-Trichloropropane	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<56	ug/L	56	190	200			12/06/2019 15:11	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<58	ug/L	58	190	200			12/06/2019 15:11	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<50	ug/L	50	160	200	Z,Y		12/06/2019 15:11	RLD	EPA 8260C
1,2-Dibromoethane	<60	ug/L	60	200	200			12/06/2019 15:11	RLD	EPA 8260C
1,2-Dichlorobenzene	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
1,2-Dichloroethane	<48	ug/L	48	160	200			12/06/2019 15:11	RLD	EPA 8260C
1,2-Dichloropropane	<36	ug/L	36	120	200			12/06/2019 15:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362181 Sample Description: MW-1P Sampled: 11/22/2019

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<54	ug/L	54		180	200			12/06/2019 15:11	RLD	EPA 8260C
1,3-Dichlorobenzene	<52	ug/L	52		170	200			12/06/2019 15:11	RLD	EPA 8260C
1,3-Dichloropropane	<34	ug/L	34		110	200			12/06/2019 15:11	RLD	EPA 8260C
1,4-Dichlorobenzene	<60	ug/L	60		220	200			12/06/2019 15:11	RLD	EPA 8260C
2,2-Dichloropropane	<60	ug/L	60		200	200			12/06/2019 15:11	RLD	EPA 8260C
2-Butanone	<520	ug/L	520		1800	200	Z,Y		12/06/2019 15:11	RLD	EPA 8260C
2-Chlorotoluene	<50	ug/L	50		170	200			12/06/2019 15:11	RLD	EPA 8260C
2-Hexanone	<600	ug/L	600		2000	200	Z,Y		12/06/2019 15:11	RLD	EPA 8260C
4-Chlorotoluene	<60	ug/L	60		220	200			12/06/2019 15:11	RLD	EPA 8260C
4-Methyl-2-pentanone	<440	ug/L	440		1500	200	Z,Y		12/06/2019 15:11	RLD	EPA 8260C
Acetone	<800	ug/L	800		2400	200	Z		12/06/2019 15:11	RLD	EPA 8260C
Benzene	<80	ug/L	80		280	200			12/06/2019 15:11	RLD	EPA 8260C
Bromobenzene	<80	ug/L	80		260	200			12/06/2019 15:11	RLD	EPA 8260C
Bromochloromethane	<60	ug/L	60		200	200			12/06/2019 15:11	RLD	EPA 8260C
Bromodichloromethane	<58	ug/L	58		190	200			12/06/2019 15:11	RLD	EPA 8260C
Bromoform	<80	ug/L	80		260	200			12/06/2019 15:11	RLD	EPA 8260C
Bromomethane	<180	ug/L	180		620	200			12/06/2019 15:11	RLD	EPA 8260C
Carbon disulfide	<120	ug/L	120		380	200			12/06/2019 15:11	RLD	EPA 8260C
Carbon tetrachloride	<60	ug/L	60		220	200			12/06/2019 15:11	RLD	EPA 8260C
Chlorobenzene	<60	ug/L	60		220	200			12/06/2019 15:11	RLD	EPA 8260C
Chloroethane	<100	ug/L	100		320	200			12/06/2019 15:11	RLD	EPA 8260C
Chloroform	<60	ug/L	60		240	200			12/06/2019 15:11	RLD	EPA 8260C
Chloromethane	<120	ug/L	120		420	200			12/06/2019 15:11	RLD	EPA 8260C
cis-1,2-Dichloroethene	**110**	ug/L	60	*	220	200			12/06/2019 15:11	RLD	EPA 8260C
cis-1,3-Dichloropropene	<32	ug/L	32		110	200			12/06/2019 15:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362181 Sample Description: MW-1P Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
Dibromomethane	<44	ug/L	44	150	200			12/06/2019 15:11	RLD	EPA 8260C
Dichlorodifluoromethane	<80	ug/L	80	260	200			12/06/2019 15:11	RLD	EPA 8260C
Diisopropyl ether	<80	ug/L	80	260	200			12/06/2019 15:11	RLD	EPA 8260C
Ethylbenzene	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
Hexachlorobutadiene	<80	ug/L	80	240	200			12/06/2019 15:11	RLD	EPA 8260C
Isopropylbenzene	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
m & p-Xylene	<140	ug/L	140	480	200			12/06/2019 15:11	RLD	EPA 8260C
Methyl tert-butyl ether	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
Methylene chloride	<80	ug/L	80	300	200			12/06/2019 15:11	RLD	EPA 8260C
n-Butylbenzene	<58	ug/L	58	200	200			12/06/2019 15:11	RLD	EPA 8260C
n-Propylbenzene	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
Naphthalene	<60	ug/L	60	200	200	Z		12/06/2019 15:11	RLD	EPA 8260C
o-Xylene	<52	ug/L	52	180	200			12/06/2019 15:11	RLD	EPA 8260C
p-Isopropyltoluene	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
sec-Butylbenzene	<80	ug/L	80	240	200			12/06/2019 15:11	RLD	EPA 8260C
Styrene	<58	ug/L	58	190	200			12/06/2019 15:11	RLD	EPA 8260C
tert-Butylbenzene	<80	ug/L	80	240	200			12/06/2019 15:11	RLD	EPA 8260C
Tetrachloroethene	**8600**	ug/L	54	180	200			12/06/2019 15:11	RLD	EPA 8260C
Tetrahydrofuran	<600	ug/L	600	2000	200	Z,Y		12/06/2019 15:11	RLD	EPA 8260C
Toluene	<42	ug/L	42	140	200			12/06/2019 15:11	RLD	EPA 8260C
trans-1,2-Dichloroethene	<60	ug/L	60	240	200			12/06/2019 15:11	RLD	EPA 8260C
trans-1,3-Dichloropropene	<46	ug/L	46	150	200			12/06/2019 15:11	RLD	EPA 8260C
Trichloroethene	<60	ug/L	60	220	200			12/06/2019 15:11	RLD	EPA 8260C
Trichlorofluoromethane	<80	ug/L	80	280	200			12/06/2019 15:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362181 Sample Description: MW-1P Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl acetate	<1000	ug/L	1000	3400	200			12/06/2019 15:11	RLD	EPA 8260C
Vinyl chloride	<28	ug/L	28	92	200			12/06/2019 15:11	RLD	EPA 8260C

CT LAB Sample#: 362182 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/06/2019 15:40	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.29	ug/L	0.29	0.98	1			12/06/2019 15:40	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	0.99	1			12/06/2019 15:40	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.2	1			12/06/2019 15:40	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/06/2019 15:40	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.23	ug/L	0.23	0.77	1			12/06/2019 15:40	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			12/06/2019 15:40	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.29	ug/L	0.29	0.96	1			12/06/2019 15:40	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.25	ug/L	0.25	0.82	1	Z,Y		12/06/2019 15:40	RLD	EPA 8260C
1,2-Dibromoethane	<0.30	ug/L	0.30	1.0	1			12/06/2019 15:40	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
1,2-Dichloroethane	<0.24	ug/L	0.24	0.81	1			12/06/2019 15:40	RLD	EPA 8260C
1,2-Dichloropropane	<0.18	ug/L	0.18	0.61	1			12/06/2019 15:40	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.27	ug/L	0.27	0.89	1			12/06/2019 15:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362182 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<0.26	ug/L	0.26	0.87	1			12/06/2019 15:40	RLD	EPA 8260C
1,3-Dichloropropane	<0.17	ug/L	0.17	0.57	1			12/06/2019 15:40	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
2,2-Dichloropropane	<0.30	ug/L	0.30	0.99	1			12/06/2019 15:40	RLD	EPA 8260C
2-Butanone	<2.6	ug/L	2.6	8.8	1	Z,Y		12/06/2019 15:40	RLD	EPA 8260C
2-Chlorotoluene	<0.25	ug/L	0.25	0.84	1			12/06/2019 15:40	RLD	EPA 8260C
2-Hexanone	<3.0	ug/L	3.0	10	1	Z,Y		12/06/2019 15:40	RLD	EPA 8260C
4-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.2	ug/L	2.2	7.4	1	Z,Y		12/06/2019 15:40	RLD	EPA 8260C
Acetone	<4.0	ug/L	4.0	12	1	Z		12/06/2019 15:40	RLD	EPA 8260C
Benzene	<0.40	ug/L	0.40	1.4	1			12/06/2019 15:40	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.3	1			12/06/2019 15:40	RLD	EPA 8260C
Bromochloromethane	<0.30	ug/L	0.30	1.0	1			12/06/2019 15:40	RLD	EPA 8260C
Bromodichloromethane	<0.29	ug/L	0.29	0.95	1			12/06/2019 15:40	RLD	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.3	1			12/06/2019 15:40	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	3.1	1			12/06/2019 15:40	RLD	EPA 8260C
Carbon disulfide	<0.60	ug/L	0.60	1.9	1			12/06/2019 15:40	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			12/06/2019 15:40	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.2	1			12/06/2019 15:40	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			12/06/2019 15:40	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.16	ug/L	0.16	0.54	1			12/06/2019 15:40	RLD	EPA 8260C
Dibromochloromethane	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362182 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromomethane	<0.22	ug/L	0.22	0.73	1			12/06/2019 15:40	RLD	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.3	1			12/06/2019 15:40	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.3	1			12/06/2019 15:40	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.2	1			12/06/2019 15:40	RLD	EPA 8260C
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.4	1			12/06/2019 15:40	RLD	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
Methylene chloride	<0.40	ug/L	0.40	1.5	1			12/06/2019 15:40	RLD	EPA 8260C
n-Butylbenzene	<0.29	ug/L	0.29	0.98	1			12/06/2019 15:40	RLD	EPA 8260C
n-Propylbenzene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
Naphthalene	<0.30	ug/L	0.30	1.0	1	Z		12/06/2019 15:40	RLD	EPA 8260C
o-Xylene	<0.26	ug/L	0.26	0.88	1			12/06/2019 15:40	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/06/2019 15:40	RLD	EPA 8260C
Styrene	<0.29	ug/L	0.29	0.95	1			12/06/2019 15:40	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/06/2019 15:40	RLD	EPA 8260C
Tetrachloroethene	<0.27	ug/L	0.27	0.89	1			12/06/2019 15:40	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1	Z,Y		12/06/2019 15:40	RLD	EPA 8260C
Toluene	<0.21	ug/L	0.21	0.69	1			12/06/2019 15:40	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.2	1			12/06/2019 15:40	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.23	ug/L	0.23	0.77	1			12/06/2019 15:40	RLD	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			12/06/2019 15:40	RLD	EPA 8260C
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			12/06/2019 15:40	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	17	1			12/06/2019 15:40	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362182 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.14	ug/L	0.14	0.46	1			12/06/2019 15:40	RLD	EPA 8260C

CT LAB Sample#: 362183 Sample Description: MW-4 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	**0.40**	ug/L	0.40 *	1.4	1			12/05/2019 12:54	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.29	ug/L	0.29	0.98	1			12/05/2019 12:54	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	0.99	1			12/05/2019 12:54	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.2	1			12/05/2019 12:54	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/05/2019 12:54	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.23	ug/L	0.23	0.77	1			12/05/2019 12:54	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			12/05/2019 12:54	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.29	ug/L	0.29	0.96	1			12/05/2019 12:54	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.25	ug/L	0.25	0.82	1			12/05/2019 12:54	RLD	EPA 8260C
1,2-Dibromoethane	<0.30	ug/L	0.30	1.0	1			12/05/2019 12:54	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
1,2-Dichloroethane	<0.24	ug/L	0.24	0.81	1			12/05/2019 12:54	RLD	EPA 8260C
1,2-Dichloropropane	<0.18	ug/L	0.18	0.61	1			12/05/2019 12:54	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.27	ug/L	0.27	0.89	1			12/05/2019 12:54	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.26	ug/L	0.26	0.87	1			12/05/2019 12:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362183 Sample Description: MW-4 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichloropropane	<0.17	ug/L	0.17	0.57	1			12/05/2019 12:54	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
2,2-Dichloropropane	<0.30	ug/L	0.30	0.99	1			12/05/2019 12:54	RLD	EPA 8260C
2-Butanone	<2.6	ug/L	2.6	8.8	1			12/05/2019 12:54	RLD	EPA 8260C
2-Chlorotoluene	<0.25	ug/L	0.25	0.84	1			12/05/2019 12:54	RLD	EPA 8260C
2-Hexanone	<3.0	ug/L	3.0	10	1			12/05/2019 12:54	RLD	EPA 8260C
4-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.2	ug/L	2.2	7.4	1			12/05/2019 12:54	RLD	EPA 8260C
Acetone	<4.0	ug/L	4.0	12	1			12/05/2019 12:54	RLD	EPA 8260C
Benzene	<0.40	ug/L	0.40	1.4	1			12/05/2019 12:54	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.3	1			12/05/2019 12:54	RLD	EPA 8260C
Bromochloromethane	<0.30	ug/L	0.30	1.0	1			12/05/2019 12:54	RLD	EPA 8260C
Bromodichloromethane	<0.29	ug/L	0.29	0.95	1			12/05/2019 12:54	RLD	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.3	1			12/05/2019 12:54	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	3.1	1			12/05/2019 12:54	RLD	EPA 8260C
Carbon disulfide	<0.60	ug/L	0.60	1.9	1			12/05/2019 12:54	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			12/05/2019 12:54	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.2	1			12/05/2019 12:54	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			12/05/2019 12:54	RLD	EPA 8260C
cis-1,2-Dichloroethene	**39**	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.16	ug/L	0.16	0.54	1			12/05/2019 12:54	RLD	EPA 8260C
Dibromochloromethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
Dibromomethane	<0.22	ug/L	0.22	0.73	1			12/05/2019 12:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362183 Sample Description: MW-4 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.3	1			12/05/2019 12:54	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.3	1			12/05/2019 12:54	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.2	1			12/05/2019 12:54	RLD	EPA 8260C
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.4	1			12/05/2019 12:54	RLD	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
Methylene chloride	<0.40	ug/L	0.40	1.5	1			12/05/2019 12:54	RLD	EPA 8260C
n-Butylbenzene	<0.29	ug/L	0.29	0.98	1			12/05/2019 12:54	RLD	EPA 8260C
n-Propylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
Naphthalene	<0.30	ug/L	0.30	1.0	1			12/05/2019 12:54	RLD	EPA 8260C
o-Xylene	<0.26	ug/L	0.26	0.88	1			12/05/2019 12:54	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/05/2019 12:54	RLD	EPA 8260C
Styrene	<0.29	ug/L	0.29	0.95	1			12/05/2019 12:54	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/05/2019 12:54	RLD	EPA 8260C
Tetrachloroethene	**2300**	ug/L	14	45	50			12/06/2019 16:09	DGS	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1			12/05/2019 12:54	RLD	EPA 8260C
Toluene	<0.21	ug/L	0.21	0.69	1			12/05/2019 12:54	RLD	EPA 8260C
trans-1,2-Dichloroethene	**1.6**	ug/L	0.30	1.2	1			12/05/2019 12:54	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.23	ug/L	0.23	0.77	1			12/05/2019 12:54	RLD	EPA 8260C
Trichloroethene	**16**	ug/L	0.30	1.1	1			12/05/2019 12:54	RLD	EPA 8260C
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			12/05/2019 12:54	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	17	1			12/05/2019 12:54	RLD	EPA 8260C
Vinyl chloride	**0.15**	ug/L	0.14 *	0.46	1			12/05/2019 12:54	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362184 Sample Description: TRIP BLANK Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/05/2019 10:56	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.29	ug/L	0.29	0.98	1			12/05/2019 10:56	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	0.99	1			12/05/2019 10:56	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.2	1			12/05/2019 10:56	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/05/2019 10:56	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.23	ug/L	0.23	0.77	1			12/05/2019 10:56	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			12/05/2019 10:56	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.29	ug/L	0.29	0.96	1			12/05/2019 10:56	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.25	ug/L	0.25	0.82	1			12/05/2019 10:56	RLD	EPA 8260C
1,2-Dibromoethane	<0.30	ug/L	0.30	1.0	1			12/05/2019 10:56	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
1,2-Dichloroethane	<0.24	ug/L	0.24	0.81	1			12/05/2019 10:56	RLD	EPA 8260C
1,2-Dichloropropane	<0.18	ug/L	0.18	0.61	1			12/05/2019 10:56	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.27	ug/L	0.27	0.89	1			12/05/2019 10:56	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.26	ug/L	0.26	0.87	1			12/05/2019 10:56	RLD	EPA 8260C
1,3-Dichloropropane	<0.17	ug/L	0.17	0.57	1			12/05/2019 10:56	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
2,2-Dichloropropane	<0.30	ug/L	0.30	0.99	1			12/05/2019 10:56	RLD	EPA 8260C
2-Butanone	<2.6	ug/L	2.6	8.8	1			12/05/2019 10:56	RLD	EPA 8260C
2-Chlorotoluene	<0.25	ug/L	0.25	0.84	1			12/05/2019 10:56	RLD	EPA 8260C
2-Hexanone	<3.0	ug/L	3.0	10	1			12/05/2019 10:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362184 Sample Description: TRIP BLANK Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
4-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.2	ug/L	2.2	7.4	1			12/05/2019 10:56	RLD	EPA 8260C
Acetone	<4.0	ug/L	4.0	12	1			12/05/2019 10:56	RLD	EPA 8260C
Benzene	<0.40	ug/L	0.40	1.4	1			12/05/2019 10:56	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.3	1			12/05/2019 10:56	RLD	EPA 8260C
Bromochloromethane	<0.30	ug/L	0.30	1.0	1			12/05/2019 10:56	RLD	EPA 8260C
Bromodichloromethane	<0.29	ug/L	0.29	0.95	1			12/05/2019 10:56	RLD	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.3	1			12/05/2019 10:56	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	3.1	1			12/05/2019 10:56	RLD	EPA 8260C
Carbon disulfide	<0.60	ug/L	0.60	1.9	1			12/05/2019 10:56	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			12/05/2019 10:56	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.2	1			12/05/2019 10:56	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			12/05/2019 10:56	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.16	ug/L	0.16	0.54	1			12/05/2019 10:56	RLD	EPA 8260C
Dibromochloromethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
Dibromomethane	<0.22	ug/L	0.22	0.73	1			12/05/2019 10:56	RLD	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.3	1			12/05/2019 10:56	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.3	1			12/05/2019 10:56	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.2	1			12/05/2019 10:56	RLD	EPA 8260C
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.4	1			12/05/2019 10:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362184 Sample Description: TRIP BLANK Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
Methylene chloride	**1.0**	ug/L	0.40 *	1.5	1			12/05/2019 10:56	RLD	EPA 8260C
n-Butylbenzene	<0.29	ug/L	0.29	0.98	1			12/05/2019 10:56	RLD	EPA 8260C
n-Propylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
Naphthalene	<0.30	ug/L	0.30	1.0	1			12/05/2019 10:56	RLD	EPA 8260C
o-Xylene	<0.26	ug/L	0.26	0.88	1			12/05/2019 10:56	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/05/2019 10:56	RLD	EPA 8260C
Styrene	<0.29	ug/L	0.29	0.95	1			12/05/2019 10:56	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/05/2019 10:56	RLD	EPA 8260C
Tetrachloroethene	<0.27	ug/L	0.27	0.89	1			12/05/2019 10:56	RLD	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1			12/05/2019 10:56	RLD	EPA 8260C
Toluene	<0.21	ug/L	0.21	0.69	1			12/05/2019 10:56	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.30	ug/L	0.30	1.2	1			12/05/2019 10:56	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.23	ug/L	0.23	0.77	1			12/05/2019 10:56	RLD	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.1	1			12/05/2019 10:56	RLD	EPA 8260C
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			12/05/2019 10:56	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	17	1			12/05/2019 10:56	RLD	EPA 8260C
Vinyl chloride	<0.14	ug/L	0.14	0.46	1			12/05/2019 10:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	Incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 289
Louisiana NELAP (primary) ID# ACC20190002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# 344
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20190002

Rev. 2/2017

WASTEWATER CHAIN OF CUSTODY

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Company: MSA Professional
Project Contact: Jayne Englebert
Telephone: 608-356-2771
Project Name: Hangers Cleaners
Project #: 10649008
Location: WI
Sampled By: David Fitzsimmons

CT LABORATORIES
Folder #: 149848
Company: MSA PROFESSIONAL S
Project: HANGERS CLEANERS
Logged By: EKB PM: ET

SDWA NPDES
Other _____

Report To: MSA
EMAIL:
Company: 1230 South Blvd, Baraboo WI 53913
Address:

Invoice To:*
EMAIL: same
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample ID Description	Filtered? Y/N	BOD	TSS	pH	Fecal Coliform	Chloride	Nitrate + Nitrite	Phosphorous	Ammonia Nit (NH3-N)	TKN	Lab Filtration		VOCs 8260	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
						Fill in Spaces with Bottles per Test														
11/21	12/19	GW	G	MW-1	N												X	3		362180
				MW-1P													X	3		362181
				MW-3													X	3		362182
				MW-4													X	3		362183
				Trip Blank													X	1		362184

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Relinquished By: David Fitzsimmons	Date/Time 11/22/19	Received By: elb	Date/Time 11-22-19 14:11
Received by:	Date/Time	Received for Laboratory by: elb	Date/Time 11-22-19 15:08

Lab Use Only
Ice Present (Yes) No
Temp 0.6 IR Gun 28
Cooler # 6428

CT LABORATORIES
delivering more than data from your environmental analyses

CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

MSA PROFESSIONAL SERVICES
JAYNE ENGLEBERT
1230 SOUTH BLVD
BARABOO, WI 53913

Project Name: ASSOCIATES SALES
Project Phase:
Contract #: 1269
Project #: 10649000
Folder #: 149849
Purchase Order #:

Arrival Temperature: See COC
Report Date: 12/13/2019
Date Received: 11/22/2019
Reprint Date: 12/13/2019

CT LAB Sample#: 362185 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/05/2019 13:23	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.29	ug/L	0.29	0.98	1			12/05/2019 13:23	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	0.99	1			12/05/2019 13:23	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.2	1			12/05/2019 13:23	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/05/2019 13:23	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.23	ug/L	0.23	0.77	1			12/05/2019 13:23	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			12/05/2019 13:23	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.29	ug/L	0.29	0.96	1			12/05/2019 13:23	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.25	ug/L	0.25	0.82	1			12/05/2019 13:23	RLD	EPA 8260C
1,2-Dibromoethane	<0.30	ug/L	0.30	1.0	1			12/05/2019 13:23	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C
1,2-Dichloroethane	<0.24	ug/L	0.24	0.81	1			12/05/2019 13:23	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362185 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichloropropane	<0.18	ug/L	0.18	0.61	1			12/05/2019 13:23	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.27	ug/L	0.27	0.89	1			12/05/2019 13:23	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.26	ug/L	0.26	0.87	1			12/05/2019 13:23	RLD	EPA 8260C
1,3-Dichloropropane	<0.17	ug/L	0.17	0.57	1			12/05/2019 13:23	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C
2,2-Dichloropropane	<0.30	ug/L	0.30	0.99	1			12/05/2019 13:23	RLD	EPA 8260C
2-Butanone	<2.6	ug/L	2.6	8.8	1			12/05/2019 13:23	RLD	EPA 8260C
2-Chlorotoluene	<0.25	ug/L	0.25	0.84	1			12/05/2019 13:23	RLD	EPA 8260C
2-Hexanone	<3.0	ug/L	3.0	10	1			12/05/2019 13:23	RLD	EPA 8260C
4-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.2	ug/L	2.2	7.4	1			12/05/2019 13:23	RLD	EPA 8260C
Acetone	<4.0	ug/L	4.0	12	1			12/05/2019 13:23	RLD	EPA 8260C
Benzene	<0.40	ug/L	0.40	1.4	1			12/05/2019 13:23	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.3	1			12/05/2019 13:23	RLD	EPA 8260C
Bromochloromethane	<0.30	ug/L	0.30	1.0	1			12/05/2019 13:23	RLD	EPA 8260C
Bromodichloromethane	<0.29	ug/L	0.29	0.95	1			12/05/2019 13:23	RLD	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.3	1			12/05/2019 13:23	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	3.1	1			12/05/2019 13:23	RLD	EPA 8260C
Carbon disulfide	<0.60	ug/L	0.60	1.9	1			12/05/2019 13:23	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			12/05/2019 13:23	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.2	1			12/05/2019 13:23	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			12/05/2019 13:23	RLD	EPA 8260C
cis-1,2-Dichloroethene	**36**	ug/L	0.30	1.1	1			12/05/2019 13:23	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362185 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
cis-1,3-Dichloropropene	<0.16	ug/L	0.16		0.54	1			12/05/2019 13:23	RLD	EPA 8260C
Dibromochloromethane	<0.30	ug/L	0.30		1.1	1			12/05/2019 13:23	RLD	EPA 8260C
Dibromomethane	<0.22	ug/L	0.22		0.73	1			12/05/2019 13:23	RLD	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40		1.3	1			12/05/2019 13:23	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40		1.3	1			12/05/2019 13:23	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30		1.1	1			12/05/2019 13:23	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40		1.2	1			12/05/2019 13:23	RLD	EPA 8260C
Isopropylbenzene	<0.30	ug/L	0.30		1.1	1			12/05/2019 13:23	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70		2.4	1			12/05/2019 13:23	RLD	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30		1.1	1			12/05/2019 13:23	RLD	EPA 8260C
Methylene chloride	<0.40	ug/L	0.40		1.5	1			12/05/2019 13:23	RLD	EPA 8260C
n-Butylbenzene	<0.29	ug/L	0.29		0.98	1			12/05/2019 13:23	RLD	EPA 8260C
n-Propylbenzene	<0.30	ug/L	0.30		1.1	1			12/05/2019 13:23	RLD	EPA 8260C
Naphthalene	<0.30	ug/L	0.30		1.0	1			12/05/2019 13:23	RLD	EPA 8260C
o-Xylene	<0.26	ug/L	0.26		0.88	1			12/05/2019 13:23	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30		1.1	1			12/05/2019 13:23	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40		1.2	1			12/05/2019 13:23	RLD	EPA 8260C
Styrene	<0.29	ug/L	0.29		0.95	1			12/05/2019 13:23	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40		1.2	1			12/05/2019 13:23	RLD	EPA 8260C
Tetrachloroethene	**740**	ug/L	2.7		8.9	10			12/06/2019 00:57	DGS	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0		10	1			12/05/2019 13:23	RLD	EPA 8260C
Toluene	<0.21	ug/L	0.21		0.69	1			12/05/2019 13:23	RLD	EPA 8260C
trans-1,2-Dichloroethene	**0.76**	ug/L	0.30	*	1.2	1			12/05/2019 13:23	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.23	ug/L	0.23		0.77	1			12/05/2019 13:23	RLD	EPA 8260C
Trichloroethene	**11**	ug/L	0.30		1.1	1			12/05/2019 13:23	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362185 Sample Description: MW-3 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			12/05/2019 13:23	RLD	EPA 8260C
Vinyl acetate	<5.0	ug/L	5.0	17	1			12/05/2019 13:23	RLD	EPA 8260C
Vinyl chloride	<0.14	ug/L	0.14	0.46	1			12/05/2019 13:23	RLD	EPA 8260C

CT LAB Sample#: 362186 Sample Description: MW-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.40	ug/L	0.40	1.4	1			12/05/2019 13:52	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.29	ug/L	0.29	0.98	1			12/05/2019 13:52	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.30	ug/L	0.30	0.99	1			12/05/2019 13:52	RLD	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.2	1			12/05/2019 13:52	RLD	EPA 8260C
1,1-Dichloropropene	<0.30	ug/L	0.30	1.0	1			12/05/2019 13:52	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.23	ug/L	0.23	0.77	1			12/05/2019 13:52	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			12/05/2019 13:52	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.29	ug/L	0.29	0.96	1			12/05/2019 13:52	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.25	ug/L	0.25	0.82	1			12/05/2019 13:52	RLD	EPA 8260C
1,2-Dibromoethane	<0.30	ug/L	0.30	1.0	1			12/05/2019 13:52	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
1,2-Dichloroethane	**0.43**	ug/L	0.24 *	0.81	1			12/05/2019 13:52	RLD	EPA 8260C
1,2-Dichloropropane	<0.18	ug/L	0.18	0.61	1			12/05/2019 13:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362186 Sample Description: MW-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.27	ug/L	0.27	0.89	1			12/05/2019 13:52	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.26	ug/L	0.26	0.87	1			12/05/2019 13:52	RLD	EPA 8260C
1,3-Dichloropropane	<0.17	ug/L	0.17	0.57	1			12/05/2019 13:52	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
2,2-Dichloropropane	<0.30	ug/L	0.30	0.99	1			12/05/2019 13:52	RLD	EPA 8260C
2-Butanone	<2.6	ug/L	2.6	8.8	1			12/05/2019 13:52	RLD	EPA 8260C
2-Chlorotoluene	<0.25	ug/L	0.25	0.84	1			12/05/2019 13:52	RLD	EPA 8260C
2-Hexanone	<3.0	ug/L	3.0	10	1			12/05/2019 13:52	RLD	EPA 8260C
4-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
4-Methyl-2-pentanone	<2.2	ug/L	2.2	7.4	1			12/05/2019 13:52	RLD	EPA 8260C
Acetone	<4.0	ug/L	4.0	12	1			12/05/2019 13:52	RLD	EPA 8260C
Benzene	**13**	ug/L	0.40	1.4	1			12/05/2019 13:52	RLD	EPA 8260C
Bromobenzene	<0.40	ug/L	0.40	1.3	1			12/05/2019 13:52	RLD	EPA 8260C
Bromochloromethane	<0.30	ug/L	0.30	1.0	1			12/05/2019 13:52	RLD	EPA 8260C
Bromodichloromethane	<0.29	ug/L	0.29	0.95	1			12/05/2019 13:52	RLD	EPA 8260C
Bromoform	<0.40	ug/L	0.40	1.3	1			12/05/2019 13:52	RLD	EPA 8260C
Bromomethane	<0.90	ug/L	0.90	3.1	1			12/05/2019 13:52	RLD	EPA 8260C
Carbon disulfide	<0.60	ug/L	0.60	1.9	1			12/05/2019 13:52	RLD	EPA 8260C
Carbon tetrachloride	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			12/05/2019 13:52	RLD	EPA 8260C
Chloroform	<0.30	ug/L	0.30	1.2	1			12/05/2019 13:52	RLD	EPA 8260C
Chloromethane	<0.60	ug/L	0.60	2.1	1			12/05/2019 13:52	RLD	EPA 8260C
cis-1,2-Dichloroethene	**18**	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.16	ug/L	0.16	0.54	1			12/05/2019 13:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362186 Sample Description: MW-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
Dibromomethane	<0.22	ug/L	0.22	0.73	1			12/05/2019 13:52	RLD	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.3	1			12/05/2019 13:52	RLD	EPA 8260C
Diisopropyl ether	<0.40	ug/L	0.40	1.3	1			12/05/2019 13:52	RLD	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
Hexachlorobutadiene	<0.40	ug/L	0.40	1.2	1			12/05/2019 13:52	RLD	EPA 8260C
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
m & p-Xylene	<0.70	ug/L	0.70	2.4	1			12/05/2019 13:52	RLD	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
Methylene chloride	<0.40	ug/L	0.40	1.5	1			12/05/2019 13:52	RLD	EPA 8260C
n-Butylbenzene	<0.29	ug/L	0.29	0.98	1			12/05/2019 13:52	RLD	EPA 8260C
n-Propylbenzene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
Naphthalene	<0.30	ug/L	0.30	1.0	1			12/05/2019 13:52	RLD	EPA 8260C
o-Xylene	<0.26	ug/L	0.26	0.88	1			12/05/2019 13:52	RLD	EPA 8260C
p-Isopropyltoluene	<0.30	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/05/2019 13:52	RLD	EPA 8260C
Styrene	<0.29	ug/L	0.29	0.95	1			12/05/2019 13:52	RLD	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40	1.2	1			12/05/2019 13:52	RLD	EPA 8260C
Tetrachloroethene	**290**	ug/L	1.4	4.5	5			12/06/2019 01:27	DGS	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1			12/05/2019 13:52	RLD	EPA 8260C
Toluene	<0.21	ug/L	0.21	0.69	1			12/05/2019 13:52	RLD	EPA 8260C
trans-1,2-Dichloroethene	**14**	ug/L	0.30	1.2	1			12/05/2019 13:52	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.23	ug/L	0.23	0.77	1			12/05/2019 13:52	RLD	EPA 8260C
Trichloroethene	**24**	ug/L	0.30	1.1	1			12/05/2019 13:52	RLD	EPA 8260C
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			12/05/2019 13:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 362186 Sample Description: MW-6 Sampled: 11/22/2019

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl acetate	<5.0	ug/L	5.0	17	1			12/05/2019 13:52	RLD	EPA 8260C
Vinyl chloride	**0.18**	ug/L	0.14 *	0.46	1			12/05/2019 13:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	Incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 289
Louisiana NELAP (primary) ID# ACC20190002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# 344
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20190002

Rev. 2/2017

WASTEWATER CHAIN OF CUSTODY

Company: MSA Professional
Project Contact: Sayre Engelbert
Telephone: 608-356-2771
Project Name: Associates Sales
Project #: 10649000
Location: WI
Sampled By: David Fitzsimmons

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Folder #: 149849
Company: MSA PROFESSIONAL S
Project: ASSOCIATES SALES
Logged By: EKB PM: ET

SDWA NPDES
Other _____

Report To: MSA
EMAIL: 1230 South Blvd.
Company: Baraboo WI 53913
Address:

Invoice To:*
EMAIL: Same.
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample ID Description	Filtered? Y/N	BOD	TSS	pH	Fecal Coliform	Chloride	Nitrate + Nitrite	Phosphorous	Ammonia Nit (NH3-N)	TKN	Lab Filtration		VOC 624		Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
						ANALYSES REQUESTED — Fill in Spaces with Bottles per Test															
11-22-19	1600	GW	G	MW-3	N												4		3		362185
"	"	"	"	MW-6	Y												4		3		362186

Turnaround Time: (Normal) RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Relinquished By:	Date/Time	Received By:	Date/Time
David Fitzsimmons	11/22/19	elb	11-22-19 14:1
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		elb	11-22-19 14:11

Lab Use Only
Ice Present (Yes) No
Temp 0.6 IR Gun 28
Cooler # 6428

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