Seymour
Environmental Services, Inc.

Tel: 608-838-9120

June 25, 2018 BRRTS: 02-57-001682

Mr. Jeff Ackerman
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Madison, Wisconsin 53711

Re: Environmental Sampling Update
Reedsburg Cleaners
349 E. Main Street - Reedsburg, Wisconsin

Dear Mr. Ackerman:

Seymour Environmental Services, Inc. has completed a number of the activities included in the most recent DERF approved budget. These include installation of a vapor mitigation system at the building on the subject parcel, sub-slab soil sampling, and groundwater monitoring. Documentation of the recent work is summarized herein. Additionally, a discussion of groundwater contaminant trends and the impact of the enhanced dechlorination groundwater remedial activity are included in this letter.

RECENT ENVIRONMENTAL ACTIVITIES

Vapor Mitigation System

On May 17, 2017 a vapor mitigation system was installed at the on-site building in response to the elevated PCE levels measured in the subslab vapors in October 2015. The vapor mitigation system is comprised of two pick-up points penetrating the building floor slab which are plumbed to a single blower. The pick-up points were installed by coring through the concrete floor. A small amount of soil (~0.5 cubic feet) was removed at each location to provide good connectivity with the sub-slab materials. The pick-up point was sealed to the concrete using a Viton sleeve and appropriate caulk. A manometer was installed on each of the pick-up points to monitor the applied vacuum from the mitigation system. The risers from the pick-up points were extended to near the building ceiling and a lateral was installed to connect the points to the blower which is located on the north side of the building. All plumbing within the system is 4 inch PVC. The blower is a Fantech Model HP-220 capable of producing 50 scfm at the design vacuum of 2 inches water. The mitigation system layout is shown on Figure 1.

Utility Mapping

We have obtained a map from the City of Reedsburg which shows the locations of the underground utilities adjacent to the property. The utilities were added to our base maps of the site. During the remodeling performed by the new owners of the property accumulated materials were removed from the floor drain in the northwest part of the building. We were able to identify the outlet which extends to the north from the floor drain. It is unclear whether the outlet from the drain connects to the sanitary sewer which is located along the north wall of the building.

Subslab Soil Characterization

On May 17, 2017 a single soil sample was collected during the installation of the vapor mitigation system. The soil sample was collected at the mitigation system drop located along the north side of the building (VM-1). The sample was collected at a depth of ~1.5 feet. The soil sampled consisted of sandy clay which was encountered beneath clean sand which appeared to be fill under the concrete slab. A soil sample could not be collected from the other mitigation system drop point because the soil underlying the floor slab consisted of boulder-sized pieces of sandstone rock. The soil sample was analyzed for VOCs. Only one compound was detected in the soil sample, PCE, at 346 ug/kg.

Groundwater Monitoring

On July 8, 2017 groundwater monitoring was conducted at the site. During the monitoring event water level data and groundwater samples were collected from all of the monitoring wells remaining at the site. Additionally, data was collected from one of the injection wells (INJ-1) as a surrogate for source area well MW-1, which was abandoned in November 2006. Groundwater samples collected during the monitoring were analyzed for VOCs. Water level and analytical data are included in Table 2.

Water level data collected at the site show that the groundwater is present within the bedrock aquifer. In July 2017 the water table on the subject parcel was present at an elevation of approximately 883.5 feet msl (~ 15 feet below grade). The water table elevation measured in July 2017 lies within the range measured at the site historically. Contouring of the July 2017 data indicates that groundwater flow on the subject parcel is toward the south (S20^{o}W) and the horizontal water-table gradient is 0.06 feet/feet. Flow at the water table becomes more westerly (S78^{o}W) beneath Main Street and the horizontal water-table gradient declines 0.02 feet/feet (Figure 2).

Groundwater analytical data indicate that both dry cleaning and petroleum chemicals are present in the groundwater around the site. In total, 16 VOCs were detected in the groundwater samples and 10 of the compounds were present at concentrations exceeding NR140 ESs. Only the groundwater sample from the piezometer, PZ-2, had no detectable compounds.

Dry cleaning related compounds were identified in groundwater samples from all 9 water-table monitoring wells. The PCE concentration in the groundwater at all of the water-table wells exceeded the NR140 ES. TCE was present in groundwater from all of the water-table monitoring wells and the TCE concentration was above the ES in the groundwater samples from all of those wells with the exception of MW-7. Groundwater at all of the water-table monitoring wells except MW-4 contained cis 1,2 DCE. The cis 1,2 DCE concentration exceeded the ES in groundwater at INJ-1, MW-3R (upgradient) and MW-10 (downgradient). Vinyl chloride was present above the ES in samples from 3 wells, MW-2, MW5, and MW10. Detection levels for vinyl chloride exceeded the ES in the remaining wells. The distribution of PCE and vinyl chloride in the groundwater in July 2017 is shown on Figure 3.

Petroleum related contaminants were identified in groundwater samples from MW-2, MW-5, MW-6, MW-8, and MW-10. These sample locations are located within the Main Street right-of-way or immediately adjacent; petroleum-related contamination was not present in the groundwater samples collected near the former tank bed (INJ-1, MW-3R and MW-4). Only two wells contained PVOCs at concentrations exceeding NR140 ESs, MW-8 and MW-10. Both of these wells are located on the other side of Main Street from the subject parcel. All of the PVOCs were present above the ES in groundwater at MW-8. Only benzene was present above the ES in groundwater at MW-10 which is located somewhat downgradient from MW-8. Data from July 2017 indicates that the petroleum contamination is worse in the southeastern part of the monitoring network and levels decline to the north west (Figure 4).

DISCUSSION OF DATA

Analysis of the variation in the concentration of dry cleaning chemicals in the groundwater was performed to evaluate the trend in the contaminant levels and the effectiveness of the earlier groundwater remediation. To provide a better understanding of the changes in the groundwater chemistry individual CVOC concentrations (ug/l) were converted into molar concentrations to remove the effect from the differing molecular weights of the compounds. For discussion purposes the molar concentration are expressed as PCE-equivalent values essentially normalizing the data to the parent compound and are presented on Table 3. This data was used to evaluate the overall fate and migration of the CVOC plume. In particular, this data provides a better understanding of the degree of dechlorination and whether on-going source(s) of CVOC such as residual soil contamination exist and are contributing additional contaminant mass. Contaminant concentration variation over time was plotted and evaluated using data from each of the wells. Information related contamination trends and remedial effects are discussed below and graphs showing the variation in groundwater chemistry data over time are compiled in Attachment B.

Groundwater monitoring data indicate that the enhanced reductive dechlorination conducted at the site resulted in a substantial improvement in source area contaminant levels. During the SI work conducted in 2005-09 the average PCE concentration in the four source area wells was 5625 ug/l (MW-3), 2217 ug/l (MW-4), 661 ug/l (MW-5), and 2613 ug/l (MW-7). During the time that the active chemical injection was conducted between December 09 and June 11 the PCE concentration in source area wells declined substantially. This decline in the PCE levels appears to be primarily related to the dechlorination reaction since the concentration of total CVOCs in the groundwater remained consistent. The drop in the PCE levels in the source area groundwater continued through late 2012 when the PCE concentrations in samples from MW-3R, MW-4, MW-5, and MW-7 were 19.2, 3.1, 2.2, and 1.0 ug/l respectively. More recently collected data indicate that the PCE concentration in the source area has rebounded substantially. In July 2017 the PCE levels in these wells were 1870, 1150, 1030, and 215 ug/l. During the recent monitoring the PCE concentration in the source area groundwater was reduced by about 50% by the remedial injection activities. The total CVOC levels (as PCE) in these wells showed a similar decline.

The injection to enhance the dechlorination has had limited impact on groundwater quality at the two wells on the east and west sides of the plume (MW-2 and MW-6). Data from MW-2 show that the average PCE levels were 305 ug/l during the SI and 170 ug/l during the 2015-17 monitoring. The total CVOC levels (as PCE) at MW-2 were 337 ug/l during the SI and 330.9 ug/l during the 2015-17 monitoring. Average PCE levels at MW-6 were 1008 ug/l during the SI and 634 ug/l during 2015-17. The average total CVOC levels (as PCE) at MW-6 were 1159 ug/l during the SI and 1171 ug/l during 2015-17 sampling. The data indicates that only partial dechlorination occurred in this area and nearly all of the mass remains as chlorinated daughter products of the PCE. It should be noted that the PCE levels at these wells spiked upward during the injection period possibly in response to local head modification resulting from the fluid injection.

Data from MW-8 indicate that the remedial activity had little impact on groundwater quality to the south of the source area. Average PCE levels at MW-8 were ~25 ug/l during the SI and 84.5 ug/l during the 2015-17 monitoring. Groundwater mounding caused by the injected fluids may have caused a temporary increase in side gradient flow which increased contaminant migration to the south. However, the reason for the increase in the PCE concentration in groundwater around MW-8 appears to be more complicated than just migration of the solvent plume since PVOC levels also showed a marked increase.

Changes in the groundwater quality along the flow axis were evaluated using data from MW-3R, MW-4, MW-7, and MW-10. The data from these wells is fairly consistent and shows a sharp decline in the PCE concentration during the chemical injection. The effect of the injection on PCE levels in groundwater in wells MW-3R and MW-7 appear to have lasted for about a year after the injection, they are located in the upgradient portion of the area of treatment. The effect of the chemical injection appears to have lasted substantially longer in wells MW-4 and MW-10. The difference in the timing of the rebound in the PCE level in the groundwater at these wells appears to be related to a combination of the distance from the source area and location relative to the injection points. The average total CVOC levels along the axis of flow during the 2015-17 monitoring were reduced by 49% to 72% from the SI values.

Overall the post remedial groundwater monitoring data indicates that the reductive dechlorination remediation program at the site was effective. Monitoring data indicate that the estimates of the static hydrogen load developed during the injection planning generally addressed site conditions. Measurement of both CVOC and indicator parameter levels during the active remediation period show that conditions within the aquifer at the site were altered by the chemical injections to facilitate the reductive dechlorination of the PCE. The PCE contamination in the groundwater remaining at the site appear to be related to continued input of contaminant mass. This PCE is likely present in the soils/bedrock or sorbed to particles within the aquifer. The PCE migration into the aquifer continued beyond the timeframe of the remedial activity. This resulted in an increase of the required time period for the treatment to achieve the design goals.

Because of this additional remedial activities may be necessary to reduce the PCE concentration in the groundwater. Additional treatment of the PCE contamination in the unsaturated zone could be considered. Residual soil contamination is one of two likely sources for the rebound in the PCE levels in the groundwater after injection was terminated. The other potential source is slow diffusion/dispersion of contaminants from poorly interconnected fractures within the aquifer. The soil with residual PCE could be treated by mechanical means (SVE) or placement of chemicals that enhance sorption and limit the mobility to the groundwater or vapor pathway.

CONCLUSIONS AND RECOMMENDATIONS

Groundwater containing CVOCs in excess of NR140 ESs originates at the subject parcel and extends to the south and southwest beyond the limit of the monitoring well network. During the most recent sampling (July 2017) groundwater at all of the water table wells contained PCE above the ES. Additionally, PVOCs were present in the groundwater above ESs in the monitoring wells located across Main Street and to the west of the property (MW-6), from another source. No analytes were detected in the groundwater samples from the piezometer located ~300 feet west southwest (downgradient) of the site. Trend analysis shows that water quality surrounding the site has been improved by the reductive dechlorination groundwater remediation. However, post-remedial groundwater monitoring shows that the PCE levels have rebounded. Overall the data seems to indicate that the rebound in the groundwater PCE concentrations results from an ongoing contaminant input. The ongoing source of PCE may be residual contamination in the soil/bedrock. Samples collected during the remedial excavation for the petroleum tanks showed PCE greater than 1000 ug/kg in soils along the northern half of the excavation.

During an upcoming visit to the site the mitigation system will be inspected to determine whether a vacuum is induced across the area of concern. Additionally, the vapor stream from each pick-up point will be screened with a PID.

Vapor migration sampling will be attempted at two adjacent buildings: Vanguard Games (335 East Main Street) and the Hasler residence (147 North Locust Street).

Return with equipment to televised the floor drain outlet piping to determine the condition of the lateral and the point of discharge.

We would like to discuss these results with you, particularly the need for supplemental remedial activities. Please call me at 608-838-9120 if you have any questions or would like additional information.

Sincerely,
Seymour Environmental Services, Inc.

Robyn Seymour

Robyn Seymour, P.G.
Hydrogeologist

Enclosures

TABLES - 1 - Summary of Soil Analytical Data
2 - Summary of Recent Groundwater Monitoring Data
3 - Summary of Average Concentration and Trends of CVOCs in Groundwater

FIGURES - 1 - Vapor Mitigation System Layout
2 - Groundwater Flow (July 2017)
3 - Dry Cleaning Chemicals in Groundwater (July 2017)
4 - Benzene in Groundwater (July 2017)

ATTACHMENT A - Laboratory Reports

ATTACHMENT B - Contaminant Trend Graphs

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
Reedsburg Cleaners - 349 East Main Street - Reedsburg, WI

Sample I.D.	Depth (ft)	DRO	GRO	TOC	Benzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Total Trimethylbenzenes	Total Xylenes	Tetrachloroethene	Lead
SI- Vierbicher (08/01/1999)												
MW-1	6-8	540	120	na	<250	<250	<250	<250	<500	<750	**330,000**	7.9
MW-1	13.5-15.5	na	<10	na	<25	<25	<25	<25	37	<75	**3,000**	<6
MW-2	1-3	<10	<10	na	<25	<25	<25	<25	37	<75	**270**	<6
MW-2	8.5-10.5	<10	<10	na	<25	<25	<25	<25	37	<75	**1,400**	<6
MW-3	1-3	<10	<10	na	<25	<25	<25	<25	37	<75	**870**	15
MW-4	6-8	<10	<10	na	<25	<25	<25	<25	37	<75	**150**	<6
MW-5	8.5-10.5	<10	<10	na	<25	<25	<25	<25	37	<75	<25	<6
MW-6	8.5-9	<10	<10	na	<25	<25	<25	<25	37	<75	<25	<6
SI- STS (01/04/2006)												
B-1	6-8	na	na	17500	na	<28	na	<28	<56	<94	**3100**	na
B-1	8-9.5	na	na	<1000	na	<28	na	<28	<56	<95	**19000**	na
B-2	2-4	na	na	<1000	na	<28	na	<28	<56	<96	**310**	na
B-2	8-10	na	na	1270	na	<27	na	<27	<54	<92	**870**	na
B-3	2-4	na	na	<1000	na	<27	na	<27	<54	<92	**1100**	na
B-3	8-9.5	na	na	1120	na	<27	na	37	<54	<91	**460**	na
B-4	1-2	na	na	<1000	na	<27	na	<27	<54	<91	**500**	na
B-4	6-8	na	na	<1000	na	<29	na	<29	<58	<98	<29	na
MW-10	1-3	na	na	na	na	77	na	53	550	440	na	na
Remediation- STS (11/06/2006)												
B-1	10	na	na	na	na	na	na	na	na	na	**50**	na
B-2	10	na	na	na	na	na	na	na	na	na	<27	na
B-3	10	na	na	na	na	na	na	na	na	na	<27	na
B-4	10	na	na	na	na	na	na	na	na	na	<28	na
GW Pathway RCLs		ns	ns	ns	5.1	1570	27	1107	1379	3940	4.5	27
Direct Contact RCLs		ns	ns	ns	1,600	8,020	63,800	818,000	ns	260,000	33,000	400

- GRO, DRO, TOC and Lead results are reported in mg/kg
- VOC results are reported in ug/kg
- na = not analyzed
- ns = no standard established
- GW Pathway RCL = Default standard fro groundwater protection (exceedancesbold)
- Direct Contact RCL = Default standard for non-industrial properties (exceedancesunderlined)

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
Reedsburg Cleaners - 349 East Main Street - Reedsburg, WI

Sample I.D.	Depth (ft)	DRO	GRO	TOC	Benzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Total Trimethylbenzenes	Total Xylenes	Tetrachloroethene	Lead
Remediation- STS (11/06/2006)												
S-1	2	na	na	na	na	na	na	na	na	na	**260**	na
S-2	2	na	na	na	na	na	na	na	na	na	**8300**	na
S-3	2	na	na	na	na	na	na	na	na	na	**730**	na
S-4	4	na	na	na	na	na	na	na	na	na	**460**	na
S-5	4	na	na	na	na	na	na	na	na	na	**3000**	na
S-6	4	na	na	na	na	na	na	na	na	na	**1100**	na
S-7	4	na	na	na	na	na	na	na	na	na	**570**	na
S-8	4	na	na	na	na	na	na	na	na	na	**1700**	na
S-8	8	na	na	na	na	na	na	na	na	na	**1100**	na
S-9	4	na	na	na	na	na	na	na	na	na	**1200**	na
S-10	3	na	na	na	na	na	na	na	na	na	**1200**	na
S-13	7	na	na	na	na	na	na	na	na	na	**390**	na
S-20	4	na	na	na	na	na	na	na	na	na	**240**	na
S-20	8	na	na	na	na	na	na	na	na	na	<54	na
S-21	8	na	na	na	na	na	na	na	na	na	<53	na
S-22	7	na	na	na	na	na	na	na	na	na	**98**	na
S-23	4	na	na	na	na	na	na	na	na	na	**1300**	na
S-24	4	na	na	na	na	na	na	na	na	na	**100**	na
N-SW E End	4	na	na	na	na	na	na	na	na	na	**960**	na
N-SW W End	4	na	na	na	na	na	na	na	na	na	**2100**	na
S-SW E End	4	na	na	na	na	na	na	na	na	na	**45**	na
S-SW W End	4	na	na	na	na	na	na	na	na	na	**48**	na
E-SW S End	4	na	na	na	na	na	na	na	na	na	**52**	na
E-SW N End	4	na	na	na	na	na	na	na	na	na	**1700**	na
W-SW S End	4	na	na	na	na	na	na	na	na	na	**710**	na
W-SW N End	4	na	na	na	na	na	na	na	na	na	**1100**	na
GW Pathway RCLs		ns	ns	ns	5.1	1570	27	1107	1379	3940	4.5	27
Direct Contact RCLs		ns	ns	ns	1,600	8,020	63,800	818,000	ns	260,000	33,000	400

- GRO, DRO, TOC and Lead results are reported in mg/kg
- VOC results are reported in ug/kg
- na = not analyzed
- ns = no standard established
- GW Pathway RCL = Default standard fro groundwater protection (exceedancesbold)
- Direct Contact RCL = Default standard for non-industrial properties (exceedancesunderlined)

TABLE 2
SUMMARY OF RECENT GROUNDWATER MONITORING DATA (July 8, 2017)
Reedsburg Cleaners - 349 East Main Street - Reedsburg, WI

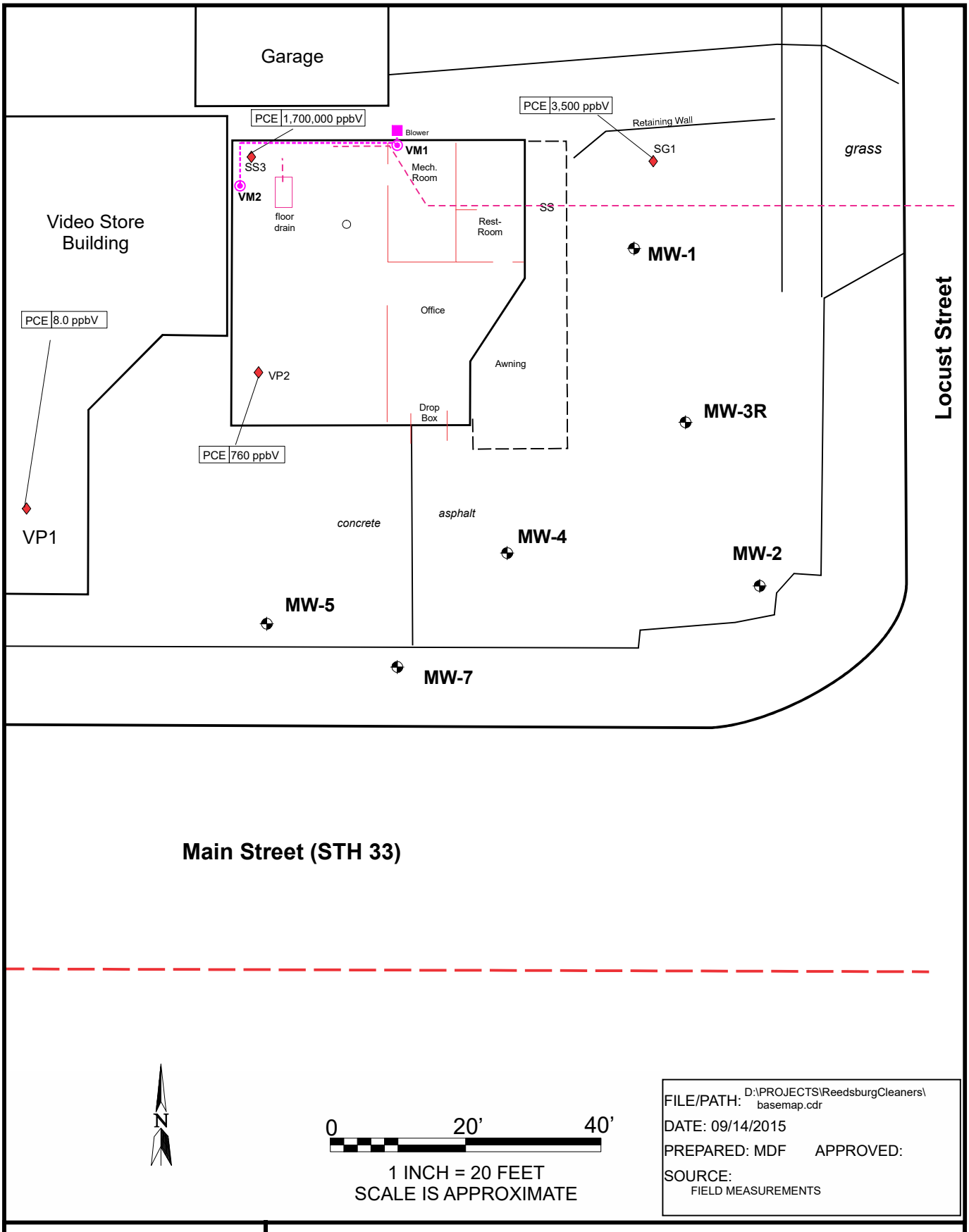
Contaminant Type			Dry Cleaner					Petroleum										Miscellaneous	
Sample I.D.	Groundwater Depth	Groundwater Elevation	Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride	Benzene	Ethylbenzene	Toluene	Total Trimethylbenzenes	1,2 Dibromoethane	Total Xylenes	Naphthalene	n-Butylbenzene	Isopropylbenzene	n-Propylbenzene	Chloroform	Dichloro difluoromethane
INJ-1	14.51	884.02	**4190**	**1460**	**184**	<5.1	<3.5	<10.0	<10.0	<10.0	<20.0	<3.6	<30.0	<50.0	<10.0	<2.9	<10.0	<50.0	<4.5
MW-2	14.81	884.16	**170**	**125**	35.0	<0.51	**2.6**	<1.0	20.9	10.4	42.7	<0.36	58.9	5.4 J	3.8	1.8 J	2.7	<5.0	<0.45
MW-3R	14.25	na	**1870**	**884**	**129**	<5.1	<3.5	<10.0	<10.0	<10.0	<20.0	<3.6	<30.0	<50.0	<10.0	<2.9	<10.0	<50.0	<4.5
MW-4	14.55	883.51	**1150**	**14.4**	<2.6	<2.6	<1.8	<5.0	<5.0	<5.0	<10.0	<1.8	<15.0	<25.0	<5.0	<1.4	<5.0	<25.0	<2.2
MW-5	13.60	882.86	**1030**	**5.3 J**	17.8	<2.6	**7.0 J**	<5.0	9.6 J	23.6	<10.0	<1.8	<15.0	<25.0	<5.0	<1.4	<5.0	<25.0	<2.2
MW-6	12.75	881.91	**601**	**19.9**	37.1	<2.6	<1.8	**6.4 J**	34.3	136	<10.0	<1.8	220.4	<25.0	<5.0	<1.4	<5.0	<25.0	<2.2
MW-7	14.00	882.65	**215**	2.6	0.95 J	<0.51	<0.35	<1.0	<1.0	<1.0	<2.0	<0.36	<3.0	<5.0	<1.0	<0.29	<1.0	<5.0	<0.45
MW-8	14.41	882.17	**109**	**20.3 J**	43.4 J	<12.8	<8.8	**2780**	**947**	**9160**	**641**	**37.5 J**	**4250**	<125	<25.0	31.1	68.4	<125	<11.2
MW-10	13.09	880.47	**22.3**	**76.9**	**117**	0.61	**52.8**	**5.9**	18.1	39.3	18.1	<0.18	49.1	<2.5	<0.50	0.68 J	1.2	<2.5	<0.22
PZ-1			na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
PZ-2	9.30	881.50	<0.50	<0.33	<0.26	<0.26	<0.18	<0.50	<0.50	<0.50	<1.00	<0.18	<1.5	<2.5	<0.50	<0.14	<0.50	<2.5	<0.22
PZ-8			na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
NR140 ES			5	5	70	100	0.2	5	700	800	480	2000	100	0.05	ns	ns	ns	6	1000
NR140 PAL			0.5	0.5	7	20	0.02	0.5	140	160	96	400	10	0.005	ns	ns	ns	0.6	200

- All results are reported in ug/l
- na = not analyzed
- ns = no standard established
- J = Detected below limit of quantitation
- NR140 PAL = Preventative action level (exceedances underlined)
- NR140 ES = Enforcement standard (exceedances bold)

TABLE 3
SUMMARY OF AVERAGE CONCENTRATION AND TRENDS OF CVOCs IN GROUNDWATER
Reedsburg Cleaners
349 East Main Street - Reedsburg, WI

WELL	Location	TOTAL CVOCs SI	TOTAL CVOCs 2015/17	Recent Trend	PCE SI	PCE 2015/17	Recent Trend	Vinyl Chloride SI	Vinyl Chloride 2015/17	Recent Trend
MW-1/INJ1	Upgradient Edge	3582	2094	rising	**3100**	**2020**	rising	<12	**18.6**	dropping
MW-3/3R	East side Source Area	5998	2609	stable	**5625**	**1416**	rising	<16.5	<3.5	stable
MW-2	SE side of Source	337	330.9	stable	**305.7**	**124.2**	stable	<37.1	<16.2	stable
MW-4	Downgradient SW 50'	2636	1345	stable	**2217**	**670**	rising	<8.3	**167**	dropping
MW-7	Downgradient SW 70'	2984	541.4	dropping	**2613**	**273.7**	rising	<6.4	**76.2**	dropping
MW-5	Downgradient WSW 75'	2048	929.4	rising	**661**	**366**	rising	<16.7	**72.4**	dropping
MW-6	Downgradient WSW 125'	1159	1010	stable	**1008**	**634**	stable	<2.8	**19.1**	dropping
MW-8	Downgradient. S 148'	22.5	191.7	dropping	**25**	**84.6**	rising	<12.73	<14.6	stable
MW-10	Downgradient 200'	753.0	184.7	stable	**561.4**	**7.8**	rising	<0.6	**26.3**	stable

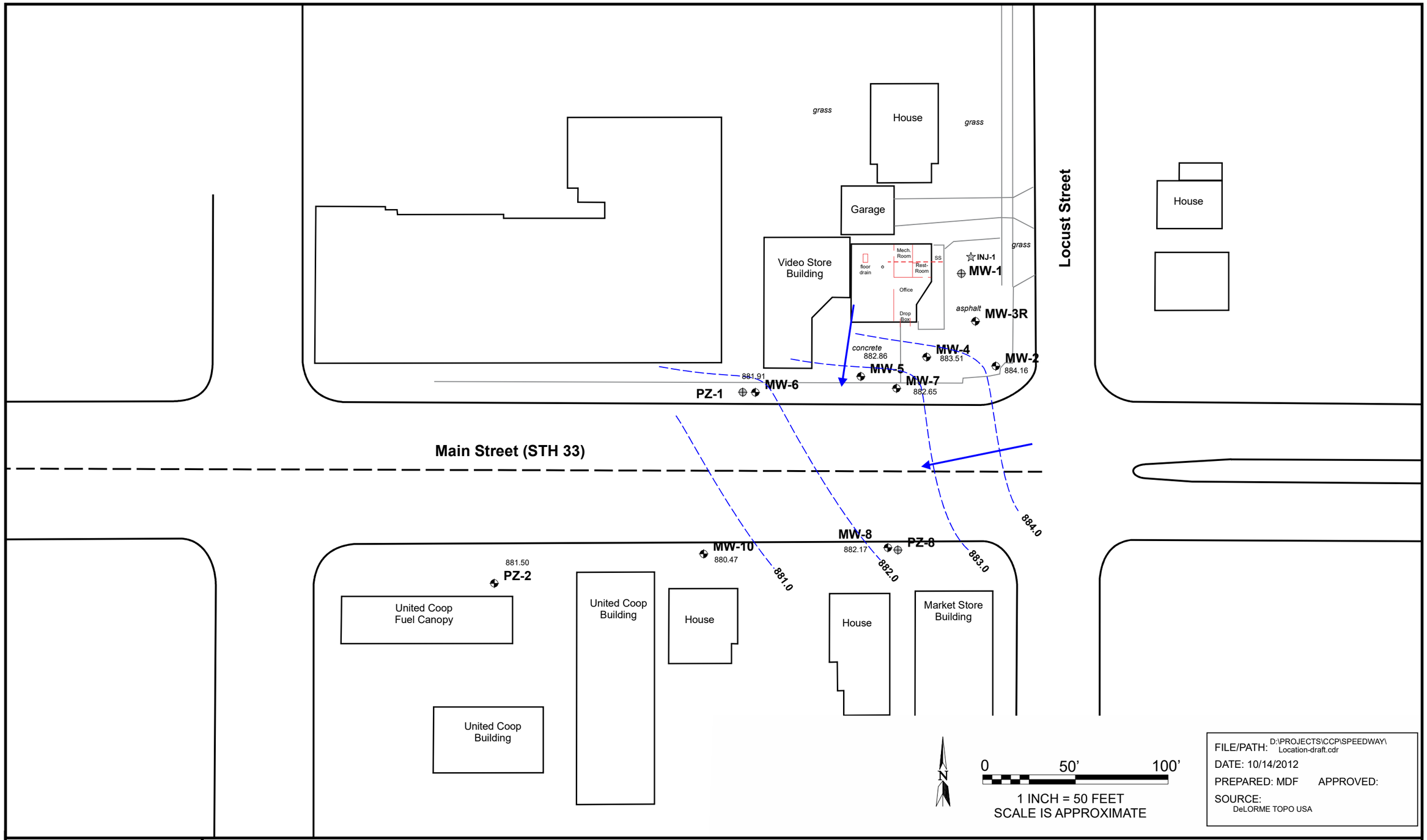
- All results are reported in ug/l
- Total CVOCs reported in PCE equivalents
- Trend analysis based on data from 2012 to 2016
- Bold Values exceed NR140 Enforcement standard



SEYMOUR ENVIRONMENTAL SERVICES, INC.

VAPOR MITIGATION SYSTEM LAYOUT
REEDSBURG CLEANERS (former)
349 East Main Street
Reedsburg, Wisconsin

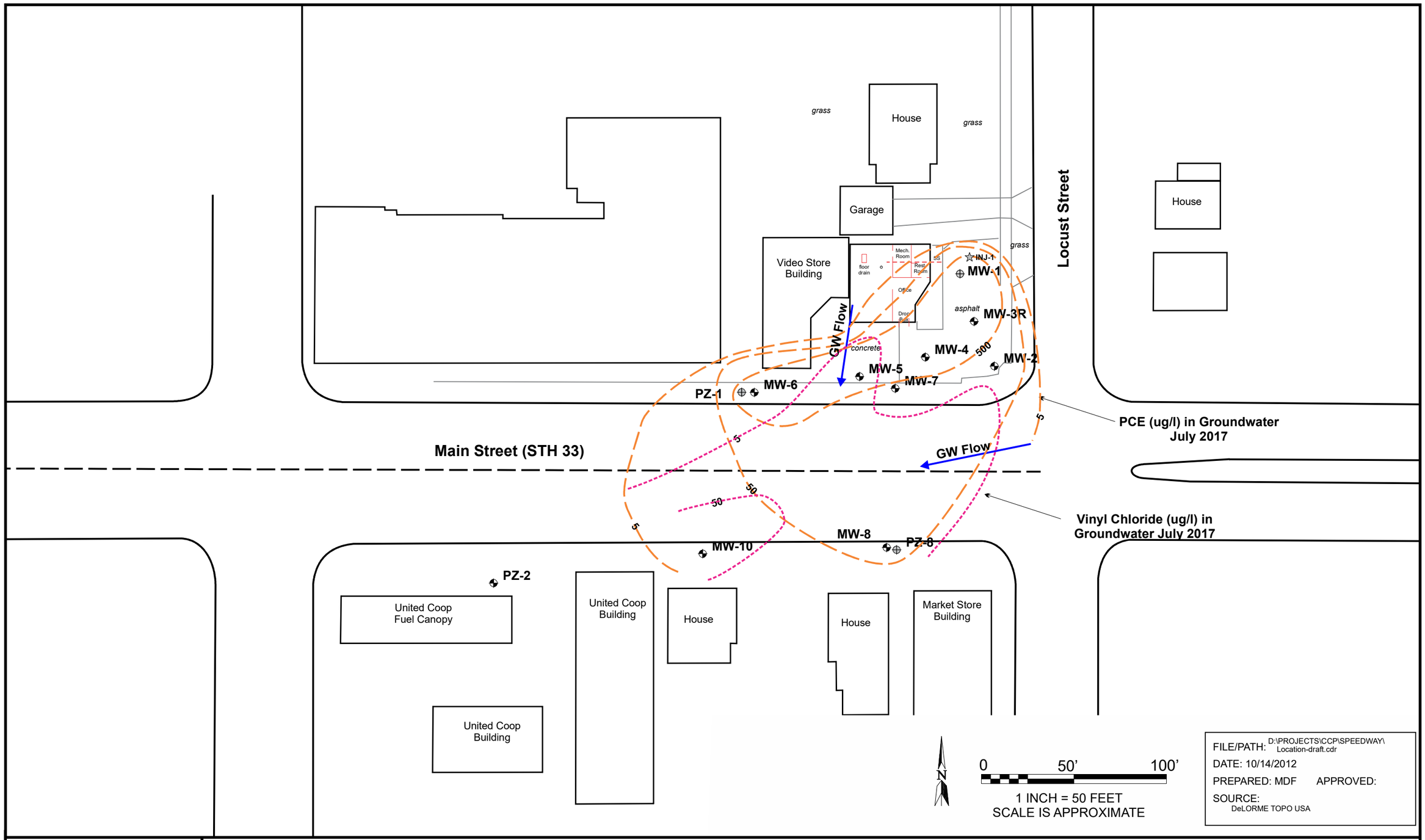
FIGURE 1



SEYMOUR ENVIRONMENTAL SERVICES, INC.

WATER-TABLE CONTOUR (July 2017)
REEDSBURG CLEANERS (former)
349 East Main Street
Reedsburg, Wisconsin

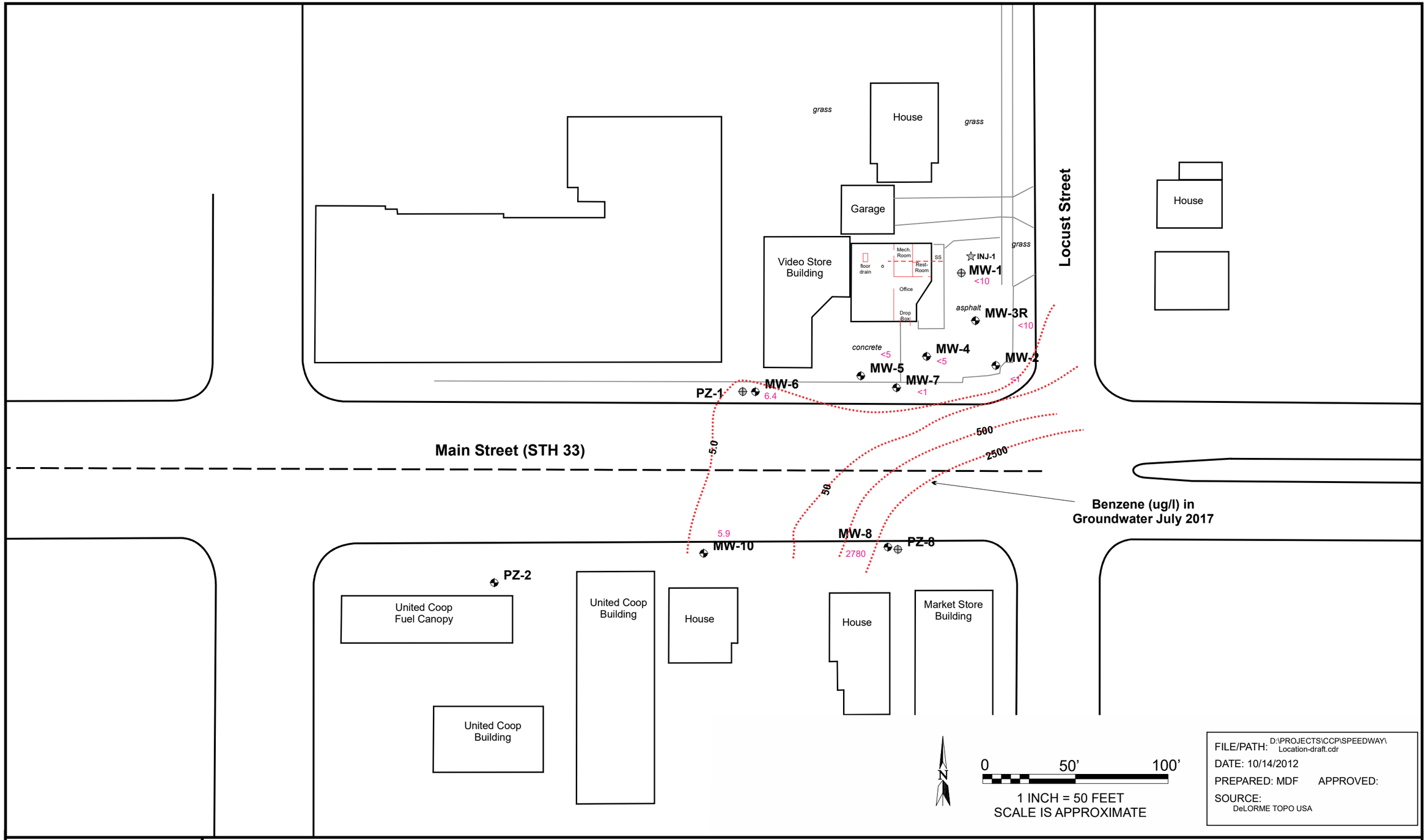
FIGURE
2



SEYMOUR ENVIRONMENTAL SERVICES, INC.

DRY CLEANING CHEMICALS IN GROUNDWATER (July 2017)
REEDSBURG CLEANERS (former)
349 East Main Street
Reedsburg, Wisconsin

FIGURE
3



SEYMOUR ENVIRONMENTAL SERVICES, INC.

PETROLEUM CONTAMINATION IN GROUNDWATER (July 2017)
REEDSBURG CLEANERS (former)
349 East Main Street
Reedsburg, Wisconsin

FIGURE
4

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 01, 2017

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40150734001	**VM-1**	Solid	05/17/17 10:50	05/27/17 08:00

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40150734001	**VM-1**	EPA 8260	SMT	64
		ASTM D2974-87	KJR	1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40150734001	**VM-1**					
EPA 8260	Tetrachloroethene	346	ug/kg	63.5	05/31/17 14:30	
ASTM D2974-87	Percent Moisture	5.6	%	0.10	05/30/17 14:11	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

ANALYTICAL RESULTS

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

Sample: VM-1 **Lab ID: 40150734001** Collected: 05/17/17 10:50 Received: 05/27/17 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	05/31/17 08:15	05/31/17 14:30	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	05/31/17 08:15	05/31/17 14:30	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	05/31/17 08:15	05/31/17 14:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	05/31/17 08:15	05/31/17 14:30	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	05/31/17 08:15	05/31/17 14:30	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	100-42-5	L2,W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

Sample: VM-1 **Lab ID: 40150734001** Collected: 05/17/17 10:50 Received: 05/27/17 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	79-34-5	W
Tetrachloroethene	**346**	ug/kg	63.5	26.5	1	05/31/17 08:15	05/31/17 14:30	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	05/31/17 08:15	05/31/17 14:30	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/31/17 08:15	05/31/17 14:30	179601-23-1	L2,W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/31/17 08:15	05/31/17 14:30	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	123	%	68-126		1	05/31/17 08:15	05/31/17 14:30	1868-53-7	
Toluene-d8 (S)	101	%	68-149		1	05/31/17 08:15	05/31/17 14:30	2037-26-5	
4-Bromofluorobenzene (S)	85	%	58-141		1	05/31/17 08:15	05/31/17 14:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.6**	%	0.10	0.10	1		05/30/17 14:11		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

QC Batch: 257222
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40150734001

METHOD BLANK: 1515552
Matrix: Solid
Associated Lab Samples: 40150734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	05/31/17 09:25	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	05/31/17 09:25	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	05/31/17 09:25	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	05/31/17 09:25	
1,1-Dichloroethane	ug/kg	<17.6	50.0	05/31/17 09:25	
1,1-Dichloroethene	ug/kg	<17.6	50.0	05/31/17 09:25	
1,1-Dichloropropene	ug/kg	<14.0	50.0	05/31/17 09:25	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	05/31/17 09:25	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	05/31/17 09:25	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	05/31/17 09:25	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	05/31/17 09:25	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	05/31/17 09:25	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	05/31/17 09:25	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	05/31/17 09:25	
1,2-Dichloroethane	ug/kg	<15.0	50.0	05/31/17 09:25	
1,2-Dichloropropane	ug/kg	<16.8	50.0	05/31/17 09:25	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	05/31/17 09:25	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	05/31/17 09:25	
1,3-Dichloropropane	ug/kg	<12.0	50.0	05/31/17 09:25	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	05/31/17 09:25	
2,2-Dichloropropane	ug/kg	<12.6	50.0	05/31/17 09:25	
2-Chlorotoluene	ug/kg	<15.8	50.0	05/31/17 09:25	
4-Chlorotoluene	ug/kg	<13.0	50.0	05/31/17 09:25	
Benzene	ug/kg	<9.2	20.0	05/31/17 09:25	
Bromobenzene	ug/kg	<20.6	50.0	05/31/17 09:25	
Bromochloromethane	ug/kg	<21.4	50.0	05/31/17 09:25	
Bromodichloromethane	ug/kg	<9.8	50.0	05/31/17 09:25	
Bromoform	ug/kg	<19.8	50.0	05/31/17 09:25	
Bromomethane	ug/kg	<69.9	250	05/31/17 09:25	
Carbon tetrachloride	ug/kg	<12.1	50.0	05/31/17 09:25	
Chlorobenzene	ug/kg	<14.8	50.0	05/31/17 09:25	
Chloroethane	ug/kg	<67.0	250	05/31/17 09:25	
Chloroform	ug/kg	<46.4	250	05/31/17 09:25	
Chloromethane	ug/kg	<20.4	50.0	05/31/17 09:25	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	05/31/17 09:25	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	05/31/17 09:25	
Dibromochloromethane	ug/kg	<17.9	50.0	05/31/17 09:25	
Dibromomethane	ug/kg	<19.3	50.0	05/31/17 09:25	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	05/31/17 09:25	
Diisopropyl ether	ug/kg	<17.7	50.0	05/31/17 09:25	
Ethylbenzene	ug/kg	<12.4	50.0	05/31/17 09:25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

METHOD BLANK: 1515552 Matrix: Solid
Associated Lab Samples: 40150734001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	30.6J	50.0	05/31/17 09:25	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	05/31/17 09:25	
m&p-Xylene	ug/kg	<34.4	100	05/31/17 09:25	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	05/31/17 09:25	
Methylene Chloride	ug/kg	<16.2	50.0	05/31/17 09:25	
n-Butylbenzene	ug/kg	<10.5	50.0	05/31/17 09:25	
n-Propylbenzene	ug/kg	<11.6	50.0	05/31/17 09:25	
Naphthalene	ug/kg	<40.0	250	05/31/17 09:25	
o-Xylene	ug/kg	<14.0	50.0	05/31/17 09:25	
p-Isopropyltoluene	ug/kg	<12.0	50.0	05/31/17 09:25	
sec-Butylbenzene	ug/kg	<11.9	50.0	05/31/17 09:25	
Styrene	ug/kg	<9.0	50.0	05/31/17 09:25	
tert-Butylbenzene	ug/kg	<9.5	50.0	05/31/17 09:25	
Tetrachloroethene	ug/kg	<12.9	50.0	05/31/17 09:25	
Toluene	ug/kg	<11.2	50.0	05/31/17 09:25	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	05/31/17 09:25	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	05/31/17 09:25	
Trichloroethene	ug/kg	<23.6	50.0	05/31/17 09:25	
Trichlorofluoromethane	ug/kg	<24.7	50.0	05/31/17 09:25	
Vinyl chloride	ug/kg	<21.1	50.0	05/31/17 09:25	
4-Bromofluorobenzene (S)	%	60	58-141	05/31/17 09:25	
Dibromofluoromethane (S)	%	82	68-126	05/31/17 09:25	
Toluene-d8 (S)	%	72	68-149	05/31/17 09:25	

LABORATORY CONTROL SAMPLE: 1515553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2170	87	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2480	99	77-124	
1,1,2-Trichloroethane	ug/kg	2500	2230	89	80-120	
1,1-Dichloroethane	ug/kg	2500	2100	84	63-120	
1,1-Dichloroethene	ug/kg	2500	2240	90	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2150	86	78-122	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2450	98	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2090	84	84-124	
1,2-Dichlorobenzene	ug/kg	2500	2230	89	80-120	
1,2-Dichloroethane	ug/kg	2500	2130	85	56-135	
1,2-Dichloropropane	ug/kg	2500	2240	90	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2280	91	80-120	
1,4-Dichlorobenzene	ug/kg	2500	2160	86	80-120	
Benzene	ug/kg	2500	2040	81	66-121	
Bromodichloromethane	ug/kg	2500	2360	94	62-135	
Bromoform	ug/kg	2500	2050	82	68-126	
Bromomethane	ug/kg	2500	1870	75	29-137	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

LABORATORY CONTROL SAMPLE: 1515553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	1970	79	57-130	
Chlorobenzene	ug/kg	2500	2120	85	80-120	
Chloroethane	ug/kg	2500	2000	80	36-144	
Chloroform	ug/kg	2500	2080	83	69-115	
Chloromethane	ug/kg	2500	1810	72	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	1910	76	65-115	
cis-1,3-Dichloropropene	ug/kg	2500	2230	89	70-119	
Dibromochloromethane	ug/kg	2500	2320	93	70-124	
Dichlorodifluoromethane	ug/kg	2500	1700	68	10-99	
Ethylbenzene	ug/kg	2500	2000	80	80-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2010	80	80-120	
m&p-Xylene	ug/kg	5000	3950	79	80-123	L2
Methyl-tert-butyl ether	ug/kg	2500	2590	104	63-134	
Methylene Chloride	ug/kg	2500	2070	83	56-123	
o-Xylene	ug/kg	2500	1990	79	77-127	
Styrene	ug/kg	2500	1860	74	81-124	L2
Tetrachloroethene	ug/kg	2500	2210	88	77-131	
Toluene	ug/kg	2500	2120	85	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2120	85	66-109	
trans-1,3-Dichloropropene	ug/kg	2500	2040	82	68-118	
Trichloroethene	ug/kg	2500	2160	86	79-120	
Trichlorofluoromethane	ug/kg	2500	2010	80	37-149	
Vinyl chloride	ug/kg	2500	2080	83	43-128	
4-Bromofluorobenzene (S)	%			72	58-141	
Dibromofluoromethane (S)	%			79	68-126	
Toluene-d8 (S)	%			76	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1515554 1515555

Parameter	Units	40150736001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1460	1460	1320	1440	90	99	57-123	9	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1460	1460	1800	1750	124	120	73-135	3	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1460	1460	1610	1620	111	111	80-124	0	20	
1,1-Dichloroethane	ug/kg	<25.0	1460	1460	1460	1460	100	101	63-124	0	20	
1,1-Dichloroethene	ug/kg	<25.0	1460	1460	1260	1430	86	98	48-117	13	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1460	1460	1720	1570	115	105	78-145	9	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1460	1460	1840	1630	126	112	38-168	12	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1460	1460	1480	1420	102	98	81-130	4	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1460	1460	1590	1540	109	106	80-120	3	20	
1,2-Dichloroethane	ug/kg	<25.0	1460	1460	1470	1510	101	104	56-145	3	20	
1,2-Dichloropropane	ug/kg	<25.0	1460	1460	1560	1570	107	108	77-123	0	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1460	1460	1620	1570	111	108	80-120	3	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1460	1460	1570	1620	108	111	80-120	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1515554 1515555

Parameter	Units	40150736001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1460	1460	1390	1440	96	99	65-124	3	20	
Bromodichloromethane	ug/kg	<25.0	1460	1460	1640	1630	113	112	59-141	0	20	
Bromoform	ug/kg	<25.0	1460	1460	1510	1470	104	101	59-141	3	20	
Bromomethane	ug/kg	<69.9	1460	1460	1390	1450	96	99	28-139	4	20	
Carbon tetrachloride	ug/kg	<25.0	1460	1460	1170	1350	80	93	50-130	14	20	
Chlorobenzene	ug/kg	<25.0	1460	1460	1460	1470	100	101	80-120	1	20	
Chloroethane	ug/kg	<67.0	1460	1460	1530	1690	105	116	36-144	10	20	
Chloroform	ug/kg	<46.4	1460	1460	1450	1480	100	102	68-122	2	20	
Chloromethane	ug/kg	<25.0	1460	1460	1300	1380	89	95	30-126	6	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1460	1460	1390	1420	96	98	63-121	2	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1460	1460	1480	1490	101	102	70-119	1	20	
Dibromochloromethane	ug/kg	<25.0	1460	1460	1620	1580	111	108	66-136	3	20	
Dichlorodifluoromethane	ug/kg	<25.0	1460	1460	965	1280	66	88	10-99	28	33	
Ethylbenzene	ug/kg	<25.0	1460	1460	1290	1330	88	91	80-122	3	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1460	1460	1220	1250	84	86	80-120	3	20	
m&p-Xylene	ug/kg	<50.0	2910	2910	2630	2700	90	93	80-123	3	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1460	1460	1790	1710	123	118	63-134	4	20	
Methylene Chloride	ug/kg	<25.0	1460	1460	1460	1460	100	100	56-127	0	20	
o-Xylene	ug/kg	<25.0	1460	1460	1300	1320	89	90	77-127	1	20	
Styrene	ug/kg	<25.0	1460	1460	1330	1320	91	91	81-124	0	20	
Tetrachloroethene	ug/kg	<25.0	1460	1460	1350	1480	93	102	74-131	9	20	
Toluene	ug/kg	<25.0	1460	1460	1420	1460	98	101	80-120	3	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1460	1460	1450	1450	100	100	60-114	0	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1460	1460	1500	1470	103	101	68-122	2	20	
Trichloroethene	ug/kg	<25.0	1460	1460	1390	1460	96	100	79-120	5	20	
Trichlorofluoromethane	ug/kg	<25.0	1460	1460	1100	1340	75	92	37-149	20	24	
Vinyl chloride	ug/kg	<25.0	1460	1460	1340	1470	92	101	39-128	10	20	
4-Bromofluorobenzene (S)	%						87	79	58-141			
Dibromofluoromethane (S)	%						94	86	68-126			
Toluene-d8 (S)	%						93	84	68-149			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

QC Batch: 257096
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 40150734001

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 1515114

Parameter	Units	40150736003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.8	16.5	2	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALIFIERS

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
W	Non-detect results are reported on a wet weight basis.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER REEDSBURG CLEANER
Pace Project No.: 40150734

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40150734001	**VM-1**	EPA 5035/5030B	257222	EPA 8260	257223
40150734001	**VM-1**	ASTM D2974-87	257096		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 40150734

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	Seymour Environmental
Branch/Location:	McFarland WI
Project Contact:	Robyn Seymour
Phone:	608-225-9407
Project Number:	
Project Name:	Former Reedsburg Cleaner
Project State:	Wisconsin
Sampled By (Print):	Mark Fryman
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Robyn Seymour
Mail To Company:	Seymour Environmental Services
Mail To Address:	2531 Dyreson Road, McFarland
Invoice To Contact:	Seymour Environmental Services
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
Sl = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) PRESERVATION (CODE)* Y/N	Pick Letter	Analyses Requested: VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
						N				
						F				
001	VM-1	05/17/17	10:50	S			X		1-2:06oz A, 1-40mL vB FA 5/27/17	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
UPS	5/27/17 1115		5/27/17 1119

PACE Project No.
40150734

Receipt Temp = RoI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project # **WO# : 40150734**

40150734

Client Name: Seymour Environmental

Courier: ☐ Fed Ex ☒ UPS ☐ Client ☐ Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☒ Other Shredded paper SSA 5/27/17

Thermometer Used N/A **Type of Ice:** Wet Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 0.0 /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 5/27/17
Initials: SSA

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3. no date/time KF 5/27/17
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☐Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☐Yes ☒No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☒No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes ☒No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	14.
Trip Blank Present:	☐Yes ☒No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Ok to DM **Date:** 5/27/17

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

July 14, 2017

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on July 12, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40153076001	**PZ-2**	Water	07/08/17 10:50	07/12/17 09:45
40153076002	**MW-10**	Water	07/08/17 11:05	07/12/17 09:45
40153076003	**MW-1**	Water	07/08/17 11:50	07/12/17 09:45
40153076004	**MW-3R**	Water	07/08/17 12:05	07/12/17 09:45
40153076005	**MW-4**	Water	07/08/17 12:15	07/12/17 09:45
40153076006	**MW-6**	Water	07/08/17 12:45	07/12/17 09:45
40153076007	**MW-7**	Water	07/08/17 13:00	07/12/17 09:45
40153076008	**MW-2**	Water	07/08/17 13:10	07/12/17 09:45
40153076009	**MW-5**	Water	07/08/17 12:30	07/12/17 09:45
40153076010	**MW-8**	Water	07/08/17 11:15	07/12/17 09:45

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

SAMPLE ANALYTE COUNT

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40153076001	**PZ-2**	EPA 8260	LAP	64	PASI-G
40153076002	**MW-10**	EPA 8260	LAP	64	PASI-G
40153076003	**MW-1**	EPA 8260	LAP	64	PASI-G
40153076004	**MW-3R**	EPA 8260	LAP	64	PASI-G
40153076005	**MW-4**	EPA 8260	LAP	64	PASI-G
40153076006	**MW-6**	EPA 8260	LAP	64	PASI-G
40153076007	**MW-7**	EPA 8260	LAP	64	PASI-G
40153076008	**MW-2**	EPA 8260	LAP	64	PASI-G
40153076009	**MW-5**	EPA 8260	LAP	64	PASI-G
40153076010	**MW-8**	EPA 8260	LAP	64	PASI-G

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SUMMARY OF DETECTION

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40153076002	**MW-10**					
EPA 8260	Benzene	5.9	ug/L	1.0	07/13/17 13:39	
EPA 8260	cis-1,2-Dichloroethene	117	ug/L	1.0	07/13/17 13:39	
EPA 8260	trans-1,2-Dichloroethene	0.61J	ug/L	1.0	07/13/17 13:39	
EPA 8260	Ethylbenzene	18.1	ug/L	1.0	07/13/17 13:39	
EPA 8260	Isopropylbenzene (Cumene)	0.68J	ug/L	1.0	07/13/17 13:39	
EPA 8260	n-Propylbenzene	1.2	ug/L	1.0	07/13/17 13:39	
EPA 8260	Tetrachloroethene	22.3	ug/L	1.0	07/13/17 13:39	
EPA 8260	Toluene	39.3	ug/L	1.0	07/13/17 13:39	
EPA 8260	Trichloroethene	76.9	ug/L	1.0	07/13/17 13:39	
EPA 8260	1,2,4-Trimethylbenzene	14.0	ug/L	1.0	07/13/17 13:39	
EPA 8260	1,3,5-Trimethylbenzene	4.1	ug/L	1.0	07/13/17 13:39	
EPA 8260	Vinyl chloride	52.8	ug/L	1.0	07/13/17 13:39	
EPA 8260	m&p-Xylene	27.3	ug/L	2.0	07/13/17 13:39	
EPA 8260	o-Xylene	21.8	ug/L	1.0	07/13/17 13:39	
40153076003	**MW-1**					
EPA 8260	cis-1,2-Dichloroethene	184	ug/L	20.0	07/13/17 14:01	
EPA 8260	Tetrachloroethene	4190	ug/L	20.0	07/13/17 14:01	
EPA 8260	Trichloroethene	1460	ug/L	20.0	07/13/17 14:01	
40153076004	**MW-3R**					
EPA 8260	cis-1,2-Dichloroethene	129	ug/L	20.0	07/13/17 14:23	
EPA 8260	Tetrachloroethene	1870	ug/L	20.0	07/13/17 14:23	
EPA 8260	Trichloroethene	884	ug/L	20.0	07/13/17 14:23	
40153076005	**MW-4**					
EPA 8260	Chloromethane	6.4J	ug/L	10.0	07/13/17 14:45	
EPA 8260	Tetrachloroethene	1150	ug/L	10.0	07/13/17 14:45	
EPA 8260	Trichloroethene	14.4	ug/L	10.0	07/13/17 14:45	
40153076006	**MW-6**					
EPA 8260	Benzene	6.4J	ug/L	10.0	07/13/17 15:07	
EPA 8260	cis-1,2-Dichloroethene	37.1	ug/L	10.0	07/13/17 15:07	
EPA 8260	Ethylbenzene	34.3	ug/L	10.0	07/13/17 15:07	
EPA 8260	Tetrachloroethene	601	ug/L	10.0	07/13/17 15:07	
EPA 8260	Toluene	136	ug/L	10.0	07/13/17 15:07	
EPA 8260	Trichloroethene	19.9	ug/L	10.0	07/13/17 15:07	
EPA 8260	1,2,4-Trimethylbenzene	41.7	ug/L	10.0	07/13/17 15:07	
EPA 8260	1,3,5-Trimethylbenzene	10.6	ug/L	10.0	07/13/17 15:07	
EPA 8260	m&p-Xylene	134	ug/L	20.0	07/13/17 15:07	
EPA 8260	o-Xylene	86.4	ug/L	10.0	07/13/17 15:07	
40153076007	**MW-7**					
EPA 8260	Bromodichloromethane	1.2J	ug/L	2.0	07/14/17 08:48	
EPA 8260	cis-1,2-Dichloroethene	0.95J	ug/L	2.0	07/14/17 08:48	
EPA 8260	Tetrachloroethene	215	ug/L	2.0	07/14/17 08:48	
EPA 8260	Trichloroethene	2.6	ug/L	2.0	07/14/17 08:48	
40153076008	**MW-2**					
EPA 8260	n-Butylbenzene	3.8	ug/L	2.0	07/13/17 16:36	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40153076008	**MW-2**					
EPA 8260	cis-1,2-Dichloroethene	35.0	ug/L	2.0	07/13/17 16:36	
EPA 8260	Ethylbenzene	20.9	ug/L	2.0	07/13/17 16:36	
EPA 8260	Isopropylbenzene (Cumene)	1.8J	ug/L	2.0	07/13/17 16:36	
EPA 8260	Naphthalene	5.4J	ug/L	10.0	07/13/17 16:36	
EPA 8260	n-Propylbenzene	2.7	ug/L	2.0	07/13/17 16:36	
EPA 8260	Tetrachloroethene	170	ug/L	2.0	07/13/17 16:36	
EPA 8260	Toluene	10.4	ug/L	2.0	07/13/17 16:36	
EPA 8260	Trichloroethene	125	ug/L	2.0	07/13/17 16:36	
EPA 8260	1,2,4-Trimethylbenzene	37.7	ug/L	2.0	07/13/17 16:36	
EPA 8260	1,3,5-Trimethylbenzene	5.0	ug/L	2.0	07/13/17 16:36	
EPA 8260	Vinyl chloride	2.6	ug/L	2.0	07/13/17 16:36	
EPA 8260	m&p-Xylene	39.6	ug/L	4.0	07/13/17 16:36	
EPA 8260	o-Xylene	19.3	ug/L	2.0	07/13/17 16:36	
40153076009	**MW-5**					
EPA 8260	cis-1,2-Dichloroethene	17.8	ug/L	10.0	07/14/17 08:26	
EPA 8260	Ethylbenzene	9.6J	ug/L	10.0	07/14/17 08:26	
EPA 8260	Tetrachloroethene	1030	ug/L	10.0	07/14/17 08:26	
EPA 8260	Toluene	23.6	ug/L	10.0	07/14/17 08:26	
EPA 8260	Trichloroethene	5.3J	ug/L	10.0	07/14/17 08:26	
EPA 8260	Vinyl chloride	7.0J	ug/L	10.0	07/14/17 08:26	
40153076010	**MW-8**					
EPA 8260	Benzene	2780	ug/L	50.0	07/14/17 08:04	
EPA 8260	1,2-Dibromoethane (EDB)	37.5J	ug/L	50.0	07/14/17 08:04	
EPA 8260	cis-1,2-Dichloroethene	43.4J	ug/L	50.0	07/14/17 08:04	
EPA 8260	Ethylbenzene	947	ug/L	50.0	07/14/17 08:04	
EPA 8260	Isopropylbenzene (Cumene)	31.1J	ug/L	50.0	07/14/17 08:04	
EPA 8260	n-Propylbenzene	68.4	ug/L	50.0	07/14/17 08:04	
EPA 8260	Tetrachloroethene	109	ug/L	50.0	07/14/17 08:04	
EPA 8260	Toluene	9160	ug/L	50.0	07/14/17 08:04	
EPA 8260	Trichloroethene	20.3J	ug/L	50.0	07/14/17 08:04	
EPA 8260	1,2,4-Trimethylbenzene	504	ug/L	50.0	07/14/17 08:04	
EPA 8260	1,3,5-Trimethylbenzene	137	ug/L	50.0	07/14/17 08:04	
EPA 8260	m&p-Xylene	2940	ug/L	100	07/14/17 08:04	
EPA 8260	o-Xylene	1310	ug/L	50.0	07/14/17 08:04	

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ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: PZ-2 **Lab ID: 40153076001** Collected: 07/08/17 10:50 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/13/17 13:17	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/13/17 13:17	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/13/17 13:17	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/13/17 13:17	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:17	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/13/17 13:17	75-00-3	L1
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/13/17 13:17	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/13/17 13:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/13/17 13:17	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:17	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/13/17 13:17	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/13/17 13:17	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/13/17 13:17	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/13/17 13:17	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/13/17 13:17	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/13/17 13:17	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/13/17 13:17	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/13/17 13:17	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/13/17 13:17	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/13/17 13:17	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/13/17 13:17	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/13/17 13:17	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/13/17 13:17	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/13/17 13:17	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/13/17 13:17	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/13/17 13:17	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:17	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: PZ-2 **Lab ID: 40153076001** Collected: 07/08/17 10:50 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/13/17 13:17	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/13/17 13:17	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/13/17 13:17	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/13/17 13:17	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/13/17 13:17	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:17	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:17	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/13/17 13:17	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		07/13/17 13:17	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		07/13/17 13:17	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		07/13/17 13:17	2037-26-5	

Sample: MW-10 **Lab ID: 40153076002** Collected: 07/08/17 11:05 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**5.9**	ug/L	1.0	0.50	1		07/13/17 13:39	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/13/17 13:39	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/13/17 13:39	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/13/17 13:39	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/13/17 13:39	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:39	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/13/17 13:39	75-00-3	L1
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/13/17 13:39	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/13/17 13:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/13/17 13:39	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:39	106-93-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-10 **Lab ID: 40153076002** Collected: 07/08/17 11:05 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/13/17 13:39	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/13/17 13:39	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/13/17 13:39	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/13/17 13:39	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/13/17 13:39	75-35-4	
cis-1,2-Dichloroethene	**117**	ug/L	1.0	0.26	1		07/13/17 13:39	156-59-2	
trans-1,2-Dichloroethene	**0.61J**	ug/L	1.0	0.26	1		07/13/17 13:39	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/13/17 13:39	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/13/17 13:39	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/13/17 13:39	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/13/17 13:39	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	108-20-3	
Ethylbenzene	**18.1**	ug/L	1.0	0.50	1		07/13/17 13:39	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/13/17 13:39	87-68-3	
Isopropylbenzene (Cumene)	**0.68J**	ug/L	1.0	0.14	1		07/13/17 13:39	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/13/17 13:39	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/13/17 13:39	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/13/17 13:39	91-20-3	
n-Propylbenzene	**1.2**	ug/L	1.0	0.50	1		07/13/17 13:39	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:39	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/13/17 13:39	79-34-5	
Tetrachloroethene	**22.3**	ug/L	1.0	0.50	1		07/13/17 13:39	127-18-4	
Toluene	**39.3**	ug/L	1.0	0.50	1		07/13/17 13:39	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/13/17 13:39	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/13/17 13:39	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/13/17 13:39	79-00-5	
Trichloroethene	**76.9**	ug/L	1.0	0.33	1		07/13/17 13:39	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/13/17 13:39	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/13/17 13:39	96-18-4	
1,2,4-Trimethylbenzene	**14.0**	ug/L	1.0	0.50	1		07/13/17 13:39	95-63-6	
1,3,5-Trimethylbenzene	**4.1**	ug/L	1.0	0.50	1		07/13/17 13:39	108-67-8	
Vinyl chloride	**52.8**	ug/L	1.0	0.18	1		07/13/17 13:39	75-01-4	
m&p-Xylene	**27.3**	ug/L	2.0	1.0	1		07/13/17 13:39	179601-23-1	
o-Xylene	**21.8**	ug/L	1.0	0.50	1		07/13/17 13:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		1		07/13/17 13:39	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		07/13/17 13:39	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/13/17 13:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-1 **Lab ID: 40153076003** Collected: 07/08/17 11:50 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	71-43-2	
Bromobenzene	**<4.6**	ug/L	20.0	4.6	20		07/13/17 14:01	108-86-1	
Bromochloromethane	**<6.8**	ug/L	20.0	6.8	20		07/13/17 14:01	74-97-5	
Bromodichloromethane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	75-27-4	
Bromoform	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	75-25-2	
Bromomethane	**<48.7**	ug/L	100	48.7	20		07/13/17 14:01	74-83-9	
n-Butylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	104-51-8	
sec-Butylbenzene	**<43.7**	ug/L	100	43.7	20		07/13/17 14:01	135-98-8	
tert-Butylbenzene	**<3.6**	ug/L	20.0	3.6	20		07/13/17 14:01	98-06-6	
Carbon tetrachloride	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	56-23-5	
Chlorobenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	108-90-7	
Chloroethane	**<7.5**	ug/L	20.0	7.5	20		07/13/17 14:01	75-00-3	L1
Chloroform	**<50.0**	ug/L	100	50.0	20		07/13/17 14:01	67-66-3	
Chloromethane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	74-87-3	
2-Chlorotoluene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	95-49-8	
4-Chlorotoluene	**<4.3**	ug/L	20.0	4.3	20		07/13/17 14:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<43.3**	ug/L	100	43.3	20		07/13/17 14:01	96-12-8	
Dibromochloromethane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	124-48-1	
1,2-Dibromoethane (EDB)	**<3.6**	ug/L	20.0	3.6	20		07/13/17 14:01	106-93-4	
Dibromomethane	**<8.5**	ug/L	20.0	8.5	20		07/13/17 14:01	74-95-3	
1,2-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	95-50-1	
1,3-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	541-73-1	
1,4-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	106-46-7	
Dichlorodifluoromethane	**<4.5**	ug/L	20.0	4.5	20		07/13/17 14:01	75-71-8	
1,1-Dichloroethane	**<4.8**	ug/L	20.0	4.8	20		07/13/17 14:01	75-34-3	
1,2-Dichloroethane	**<3.4**	ug/L	20.0	3.4	20		07/13/17 14:01	107-06-2	
1,1-Dichloroethene	**<8.2**	ug/L	20.0	8.2	20		07/13/17 14:01	75-35-4	
cis-1,2-Dichloroethene	**184**	ug/L	20.0	5.1	20		07/13/17 14:01	156-59-2	
trans-1,2-Dichloroethene	**<5.1**	ug/L	20.0	5.1	20		07/13/17 14:01	156-60-5	
1,2-Dichloropropane	**<4.7**	ug/L	20.0	4.7	20		07/13/17 14:01	78-87-5	
1,3-Dichloropropane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	142-28-9	
2,2-Dichloropropane	**<9.7**	ug/L	20.0	9.7	20		07/13/17 14:01	594-20-7	
1,1-Dichloropropene	**<8.8**	ug/L	20.0	8.8	20		07/13/17 14:01	563-58-6	
cis-1,3-Dichloropropene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	10061-01-5	
trans-1,3-Dichloropropene	**<4.6**	ug/L	20.0	4.6	20		07/13/17 14:01	10061-02-6	
Diisopropyl ether	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	108-20-3	
Ethylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	100-41-4	
Hexachloro-1,3-butadiene	**<42.1**	ug/L	100	42.1	20		07/13/17 14:01	87-68-3	
Isopropylbenzene (Cumene)	**<2.9**	ug/L	20.0	2.9	20		07/13/17 14:01	98-82-8	
p-Isopropyltoluene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	99-87-6	
Methylene Chloride	**<4.7**	ug/L	20.0	4.7	20		07/13/17 14:01	75-09-2	
Methyl-tert-butyl ether	**<3.5**	ug/L	20.0	3.5	20		07/13/17 14:01	1634-04-4	
Naphthalene	**<50.0**	ug/L	100	50.0	20		07/13/17 14:01	91-20-3	
n-Propylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	103-65-1	
Styrene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<3.6**	ug/L	20.0	3.6	20		07/13/17 14:01	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-1 **Lab ID: 40153076003** Collected: 07/08/17 11:50 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<5.0**	ug/L	20.0	5.0	20		07/13/17 14:01	79-34-5	
Tetrachloroethene	**4190**	ug/L	20.0	10.0	20		07/13/17 14:01	127-18-4	
Toluene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	108-88-3	
1,2,3-Trichlorobenzene	**<42.7**	ug/L	100	42.7	20		07/13/17 14:01	87-61-6	
1,2,4-Trichlorobenzene	**<44.2**	ug/L	100	44.2	20		07/13/17 14:01	120-82-1	
1,1,1-Trichloroethane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	71-55-6	
1,1,2-Trichloroethane	**<3.9**	ug/L	20.0	3.9	20		07/13/17 14:01	79-00-5	
Trichloroethene	**1460**	ug/L	20.0	6.6	20		07/13/17 14:01	79-01-6	
Trichlorofluoromethane	**<3.7**	ug/L	20.0	3.7	20		07/13/17 14:01	75-69-4	
1,2,3-Trichloropropane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	96-18-4	
1,2,4-Trimethylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	95-63-6	
1,3,5-Trimethylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	108-67-8	
Vinyl chloride	**<3.5**	ug/L	20.0	3.5	20		07/13/17 14:01	75-01-4	
m&p-Xylene	**<20.0**	ug/L	40.0	20.0	20		07/13/17 14:01	179601-23-1	
o-Xylene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		20		07/13/17 14:01	460-00-4	
Dibromofluoromethane (S)	99	%	67-130		20		07/13/17 14:01	1868-53-7	
Toluene-d8 (S)	101	%	70-130		20		07/13/17 14:01	2037-26-5	

Sample: MW-3R **Lab ID: 40153076004** Collected: 07/08/17 12:05 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	71-43-2	
Bromobenzene	**<4.6**	ug/L	20.0	4.6	20		07/13/17 14:23	108-86-1	
Bromochloromethane	**<6.8**	ug/L	20.0	6.8	20		07/13/17 14:23	74-97-5	
Bromodichloromethane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	75-27-4	
Bromoform	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	75-25-2	
Bromomethane	**<48.7**	ug/L	100	48.7	20		07/13/17 14:23	74-83-9	
n-Butylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	104-51-8	
sec-Butylbenzene	**<43.7**	ug/L	100	43.7	20		07/13/17 14:23	135-98-8	
tert-Butylbenzene	**<3.6**	ug/L	20.0	3.6	20		07/13/17 14:23	98-06-6	
Carbon tetrachloride	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	56-23-5	
Chlorobenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	108-90-7	
Chloroethane	**<7.5**	ug/L	20.0	7.5	20		07/13/17 14:23	75-00-3	L1
Chloroform	**<50.0**	ug/L	100	50.0	20		07/13/17 14:23	67-66-3	
Chloromethane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	74-87-3	
2-Chlorotoluene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	95-49-8	
4-Chlorotoluene	**<4.3**	ug/L	20.0	4.3	20		07/13/17 14:23	106-43-4	
1,2-Dibromo-3-chloropropane	**<43.3**	ug/L	100	43.3	20		07/13/17 14:23	96-12-8	
Dibromochloromethane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	124-48-1	
1,2-Dibromoethane (EDB)	**<3.6**	ug/L	20.0	3.6	20		07/13/17 14:23	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-3R **Lab ID: 40153076004** Collected: 07/08/17 12:05 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<8.5**	ug/L	20.0	8.5	20		07/13/17 14:23	74-95-3	
1,2-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	95-50-1	
1,3-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	541-73-1	
1,4-Dichlorobenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	106-46-7	
Dichlorodifluoromethane	**<4.5**	ug/L	20.0	4.5	20		07/13/17 14:23	75-71-8	
1,1-Dichloroethane	**<4.8**	ug/L	20.0	4.8	20		07/13/17 14:23	75-34-3	
1,2-Dichloroethane	**<3.4**	ug/L	20.0	3.4	20		07/13/17 14:23	107-06-2	
1,1-Dichloroethene	**<8.2**	ug/L	20.0	8.2	20		07/13/17 14:23	75-35-4	
cis-1,2-Dichloroethene	**129**	ug/L	20.0	5.1	20		07/13/17 14:23	156-59-2	
trans-1,2-Dichloroethene	**<5.1**	ug/L	20.0	5.1	20		07/13/17 14:23	156-60-5	
1,2-Dichloropropane	**<4.7**	ug/L	20.0	4.7	20		07/13/17 14:23	78-87-5	
1,3-Dichloropropane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	142-28-9	
2,2-Dichloropropane	**<9.7**	ug/L	20.0	9.7	20		07/13/17 14:23	594-20-7	
1,1-Dichloropropene	**<8.8**	ug/L	20.0	8.8	20		07/13/17 14:23	563-58-6	
cis-1,3-Dichloropropene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	10061-01-5	
trans-1,3-Dichloropropene	**<4.6**	ug/L	20.0	4.6	20		07/13/17 14:23	10061-02-6	
Diisopropyl ether	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	108-20-3	
Ethylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	100-41-4	
Hexachloro-1,3-butadiene	**<42.1**	ug/L	100	42.1	20		07/13/17 14:23	87-68-3	
Isopropylbenzene (Cumene)	**<2.9**	ug/L	20.0	2.9	20		07/13/17 14:23	98-82-8	
p-Isopropyltoluene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	99-87-6	
Methylene Chloride	**<4.7**	ug/L	20.0	4.7	20		07/13/17 14:23	75-09-2	
Methyl-tert-butyl ether	**<3.5**	ug/L	20.0	3.5	20		07/13/17 14:23	1634-04-4	
Naphthalene	**<50.0**	ug/L	100	50.0	20		07/13/17 14:23	91-20-3	
n-Propylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	103-65-1	
Styrene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	100-42-5	
1,1,1,2-Tetrachloroethane	**<3.6**	ug/L	20.0	3.6	20		07/13/17 14:23	630-20-6	
1,1,2,2-Tetrachloroethane	**<5.0**	ug/L	20.0	5.0	20		07/13/17 14:23	79-34-5	
Tetrachloroethene	**1870**	ug/L	20.0	10.0	20		07/13/17 14:23	127-18-4	
Toluene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	108-88-3	
1,2,3-Trichlorobenzene	**<42.7**	ug/L	100	42.7	20		07/13/17 14:23	87-61-6	
1,2,4-Trichlorobenzene	**<44.2**	ug/L	100	44.2	20		07/13/17 14:23	120-82-1	
1,1,1-Trichloroethane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	71-55-6	
1,1,2-Trichloroethane	**<3.9**	ug/L	20.0	3.9	20		07/13/17 14:23	79-00-5	
Trichloroethene	**884**	ug/L	20.0	6.6	20		07/13/17 14:23	79-01-6	
Trichlorofluoromethane	**<3.7**	ug/L	20.0	3.7	20		07/13/17 14:23	75-69-4	
1,2,3-Trichloropropane	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	96-18-4	
1,2,4-Trimethylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	95-63-6	
1,3,5-Trimethylbenzene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	108-67-8	
Vinyl chloride	**<3.5**	ug/L	20.0	3.5	20		07/13/17 14:23	75-01-4	
m&p-Xylene	**<20.0**	ug/L	40.0	20.0	20		07/13/17 14:23	179601-23-1	
o-Xylene	**<10.0**	ug/L	20.0	10.0	20		07/13/17 14:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		20		07/13/17 14:23	460-00-4	
Dibromofluoromethane (S)	102	%	67-130		20		07/13/17 14:23	1868-53-7	
Toluene-d8 (S)	100	%	70-130		20		07/13/17 14:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-4 **Lab ID: 40153076005** Collected: 07/08/17 12:15 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	71-43-2	
Bromobenzene	**<2.3**	ug/L	10.0	2.3	10		07/13/17 14:45	108-86-1	
Bromochloromethane	**<3.4**	ug/L	10.0	3.4	10		07/13/17 14:45	74-97-5	
Bromodichloromethane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	75-27-4	
Bromoform	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	75-25-2	
Bromomethane	**<24.3**	ug/L	50.0	24.3	10		07/13/17 14:45	74-83-9	
n-Butylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	104-51-8	
sec-Butylbenzene	**<21.9**	ug/L	50.0	21.9	10		07/13/17 14:45	135-98-8	
tert-Butylbenzene	**<1.8**	ug/L	10.0	1.8	10		07/13/17 14:45	98-06-6	
Carbon tetrachloride	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	56-23-5	
Chlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	108-90-7	
Chloroethane	**<3.7**	ug/L	10.0	3.7	10		07/13/17 14:45	75-00-3	L1
Chloroform	**<25.0**	ug/L	50.0	25.0	10		07/13/17 14:45	67-66-3	
Chloromethane	**6.4J**	ug/L	10.0	5.0	10		07/13/17 14:45	74-87-3	
2-Chlorotoluene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	95-49-8	
4-Chlorotoluene	**<2.1**	ug/L	10.0	2.1	10		07/13/17 14:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<21.6**	ug/L	50.0	21.6	10		07/13/17 14:45	96-12-8	
Dibromochloromethane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	124-48-1	
1,2-Dibromoethane (EDB)	**<1.8**	ug/L	10.0	1.8	10		07/13/17 14:45	106-93-4	
Dibromomethane	**<4.3**	ug/L	10.0	4.3	10		07/13/17 14:45	74-95-3	
1,2-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	95-50-1	
1,3-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	541-73-1	
1,4-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	106-46-7	
Dichlorodifluoromethane	**<2.2**	ug/L	10.0	2.2	10		07/13/17 14:45	75-71-8	
1,1-Dichloroethane	**<2.4**	ug/L	10.0	2.4	10		07/13/17 14:45	75-34-3	
1,2-Dichloroethane	**<1.7**	ug/L	10.0	1.7	10		07/13/17 14:45	107-06-2	
1,1-Dichloroethene	**<4.1**	ug/L	10.0	4.1	10		07/13/17 14:45	75-35-4	
cis-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		07/13/17 14:45	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		07/13/17 14:45	156-60-5	
1,2-Dichloropropane	**<2.3**	ug/L	10.0	2.3	10		07/13/17 14:45	78-87-5	
1,3-Dichloropropane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	142-28-9	
2,2-Dichloropropane	**<4.8**	ug/L	10.0	4.8	10		07/13/17 14:45	594-20-7	
1,1-Dichloropropene	**<4.4**	ug/L	10.0	4.4	10		07/13/17 14:45	563-58-6	
cis-1,3-Dichloropropene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	10061-01-5	
trans-1,3-Dichloropropene	**<2.3**	ug/L	10.0	2.3	10		07/13/17 14:45	10061-02-6	
Diisopropyl ether	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	108-20-3	
Ethylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	100-41-4	
Hexachloro-1,3-butadiene	**<21.1**	ug/L	50.0	21.1	10		07/13/17 14:45	87-68-3	
Isopropylbenzene (Cumene)	**<1.4**	ug/L	10.0	1.4	10		07/13/17 14:45	98-82-8	
p-Isopropyltoluene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	99-87-6	
Methylene Chloride	**<2.3**	ug/L	10.0	2.3	10		07/13/17 14:45	75-09-2	
Methyl-tert-butyl ether	**<1.7**	ug/L	10.0	1.7	10		07/13/17 14:45	1634-04-4	
Naphthalene	**<25.0**	ug/L	50.0	25.0	10		07/13/17 14:45	91-20-3	
n-Propylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	103-65-1	
Styrene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	10.0	1.8	10		07/13/17 14:45	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-4 **Lab ID: 40153076005** Collected: 07/08/17 12:15 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<2.5**	ug/L	10.0	2.5	10		07/13/17 14:45	79-34-5	
Tetrachloroethene	**1150**	ug/L	10.0	5.0	10		07/13/17 14:45	127-18-4	
Toluene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	108-88-3	
1,2,3-Trichlorobenzene	**<21.3**	ug/L	50.0	21.3	10		07/13/17 14:45	87-61-6	
1,2,4-Trichlorobenzene	**<22.1**	ug/L	50.0	22.1	10		07/13/17 14:45	120-82-1	
1,1,1-Trichloroethane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	71-55-6	
1,1,2-Trichloroethane	**<2.0**	ug/L	10.0	2.0	10		07/13/17 14:45	79-00-5	
Trichloroethene	**14.4**	ug/L	10.0	3.3	10		07/13/17 14:45	79-01-6	
Trichlorofluoromethane	**<1.8**	ug/L	10.0	1.8	10		07/13/17 14:45	75-69-4	
1,2,3-Trichloropropane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	96-18-4	
1,2,4-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	95-63-6	
1,3,5-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	108-67-8	
Vinyl chloride	**<1.8**	ug/L	10.0	1.8	10		07/13/17 14:45	75-01-4	
m&p-Xylene	**<10.0**	ug/L	20.0	10.0	10		07/13/17 14:45	179601-23-1	
o-Xylene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 14:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		10		07/13/17 14:45	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		10		07/13/17 14:45	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		07/13/17 14:45	2037-26-5	

Sample: MW-6 **Lab ID: 40153076006** Collected: 07/08/17 12:45 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**6.4J**	ug/L	10.0	5.0	10		07/13/17 15:07	71-43-2	
Bromobenzene	**<2.3**	ug/L	10.0	2.3	10		07/13/17 15:07	108-86-1	
Bromochloromethane	**<3.4**	ug/L	10.0	3.4	10		07/13/17 15:07	74-97-5	
Bromodichloromethane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	75-27-4	
Bromoform	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	75-25-2	
Bromomethane	**<24.3**	ug/L	50.0	24.3	10		07/13/17 15:07	74-83-9	
n-Butylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	104-51-8	
sec-Butylbenzene	**<21.9**	ug/L	50.0	21.9	10		07/13/17 15:07	135-98-8	
tert-Butylbenzene	**<1.8**	ug/L	10.0	1.8	10		07/13/17 15:07	98-06-6	
Carbon tetrachloride	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	56-23-5	
Chlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	108-90-7	
Chloroethane	**<3.7**	ug/L	10.0	3.7	10		07/13/17 15:07	75-00-3	L1
Chloroform	**<25.0**	ug/L	50.0	25.0	10		07/13/17 15:07	67-66-3	
Chloromethane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	74-87-3	
2-Chlorotoluene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	95-49-8	
4-Chlorotoluene	**<2.1**	ug/L	10.0	2.1	10		07/13/17 15:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<21.6**	ug/L	50.0	21.6	10		07/13/17 15:07	96-12-8	
Dibromochloromethane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	124-48-1	
1,2-Dibromoethane (EDB)	**<1.8**	ug/L	10.0	1.8	10		07/13/17 15:07	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-6 **Lab ID: 40153076006** Collected: 07/08/17 12:45 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<4.3**	ug/L	10.0	4.3	10		07/13/17 15:07	74-95-3	
1,2-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	95-50-1	
1,3-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	541-73-1	
1,4-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	106-46-7	
Dichlorodifluoromethane	**<2.2**	ug/L	10.0	2.2	10		07/13/17 15:07	75-71-8	
1,1-Dichloroethane	**<2.4**	ug/L	10.0	2.4	10		07/13/17 15:07	75-34-3	
1,2-Dichloroethane	**<1.7**	ug/L	10.0	1.7	10		07/13/17 15:07	107-06-2	
1,1-Dichloroethene	**<4.1**	ug/L	10.0	4.1	10		07/13/17 15:07	75-35-4	
cis-1,2-Dichloroethene	**37.1**	ug/L	10.0	2.6	10		07/13/17 15:07	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		07/13/17 15:07	156-60-5	
1,2-Dichloropropane	**<2.3**	ug/L	10.0	2.3	10		07/13/17 15:07	78-87-5	
1,3-Dichloropropane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	142-28-9	
2,2-Dichloropropane	**<4.8**	ug/L	10.0	4.8	10		07/13/17 15:07	594-20-7	
1,1-Dichloropropene	**<4.4**	ug/L	10.0	4.4	10		07/13/17 15:07	563-58-6	
cis-1,3-Dichloropropene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	10061-01-5	
trans-1,3-Dichloropropene	**<2.3**	ug/L	10.0	2.3	10		07/13/17 15:07	10061-02-6	
Diisopropyl ether	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	108-20-3	
Ethylbenzene	**34.3**	ug/L	10.0	5.0	10		07/13/17 15:07	100-41-4	
Hexachloro-1,3-butadiene	**<21.1**	ug/L	50.0	21.1	10		07/13/17 15:07	87-68-3	
Isopropylbenzene (Cumene)	**<1.4**	ug/L	10.0	1.4	10		07/13/17 15:07	98-82-8	
p-Isopropyltoluene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	99-87-6	
Methylene Chloride	**<2.3**	ug/L	10.0	2.3	10		07/13/17 15:07	75-09-2	
Methyl-tert-butyl ether	**<1.7**	ug/L	10.0	1.7	10		07/13/17 15:07	1634-04-4	
Naphthalene	**<25.0**	ug/L	50.0	25.0	10		07/13/17 15:07	91-20-3	
n-Propylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	103-65-1	
Styrene	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	10.0	1.8	10		07/13/17 15:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<2.5**	ug/L	10.0	2.5	10		07/13/17 15:07	79-34-5	
Tetrachloroethene	**601**	ug/L	10.0	5.0	10		07/13/17 15:07	127-18-4	
Toluene	**136**	ug/L	10.0	5.0	10		07/13/17 15:07	108-88-3	
1,2,3-Trichlorobenzene	**<21.3**	ug/L	50.0	21.3	10		07/13/17 15:07	87-61-6	
1,2,4-Trichlorobenzene	**<22.1**	ug/L	50.0	22.1	10		07/13/17 15:07	120-82-1	
1,1,1-Trichloroethane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	71-55-6	
1,1,2-Trichloroethane	**<2.0**	ug/L	10.0	2.0	10		07/13/17 15:07	79-00-5	
Trichloroethene	**19.9**	ug/L	10.0	3.3	10		07/13/17 15:07	79-01-6	
Trichlorofluoromethane	**<1.8**	ug/L	10.0	1.8	10		07/13/17 15:07	75-69-4	
1,2,3-Trichloropropane	**<5.0**	ug/L	10.0	5.0	10		07/13/17 15:07	96-18-4	
1,2,4-Trimethylbenzene	**41.7**	ug/L	10.0	5.0	10		07/13/17 15:07	95-63-6	
1,3,5-Trimethylbenzene	**10.6**	ug/L	10.0	5.0	10		07/13/17 15:07	108-67-8	
Vinyl chloride	**<1.8**	ug/L	10.0	1.8	10		07/13/17 15:07	75-01-4	
m&p-Xylene	**134**	ug/L	20.0	10.0	10		07/13/17 15:07	179601-23-1	
o-Xylene	**86.4**	ug/L	10.0	5.0	10		07/13/17 15:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	61-130		10		07/13/17 15:07	460-00-4	
Dibromofluoromethane (S)	102	%	67-130		10		07/13/17 15:07	1868-53-7	
Toluene-d8 (S)	101	%	70-130		10		07/13/17 15:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-7 **Lab ID: 40153076007** Collected: 07/08/17 13:00 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	71-43-2	
Bromobenzene	**<0.46**	ug/L	2.0	0.46	2		07/14/17 08:48	108-86-1	
Bromochloromethane	**<0.68**	ug/L	2.0	0.68	2		07/14/17 08:48	74-97-5	
Bromodichloromethane	**1.2J**	ug/L	2.0	1.0	2		07/14/17 08:48	75-27-4	
Bromoform	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	75-25-2	
Bromomethane	**<4.9**	ug/L	10.0	4.9	2		07/14/17 08:48	74-83-9	
n-Butylbenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	104-51-8	
sec-Butylbenzene	**<4.4**	ug/L	10.0	4.4	2		07/14/17 08:48	135-98-8	
tert-Butylbenzene	**<0.36**	ug/L	2.0	0.36	2		07/14/17 08:48	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	56-23-5	
Chlorobenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	108-90-7	
Chloroethane	**<0.75**	ug/L	2.0	0.75	2		07/14/17 08:48	75-00-3	L1
Chloroform	**<5.0**	ug/L	10.0	5.0	2		07/14/17 08:48	67-66-3	
Chloromethane	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	95-49-8	
4-Chlorotoluene	**<0.43**	ug/L	2.0	0.43	2		07/14/17 08:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.3**	ug/L	10.0	4.3	2		07/14/17 08:48	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	124-48-1	
1,2-Dibromoethane (EDB)	**<0.36**	ug/L	2.0	0.36	2		07/14/17 08:48	106-93-4	
Dibromomethane	**<0.85**	ug/L	2.0	0.85	2		07/14/17 08:48	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	106-46-7	
Dichlorodifluoromethane	**<0.45**	ug/L	2.0	0.45	2		07/14/17 08:48	75-71-8	
1,1-Dichloroethane	**<0.48**	ug/L	2.0	0.48	2		07/14/17 08:48	75-34-3	
1,2-Dichloroethane	**<0.34**	ug/L	2.0	0.34	2		07/14/17 08:48	107-06-2	
1,1-Dichloroethene	**<0.82**	ug/L	2.0	0.82	2		07/14/17 08:48	75-35-4	
cis-1,2-Dichloroethene	**0.95J**	ug/L	2.0	0.51	2		07/14/17 08:48	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/L	2.0	0.51	2		07/14/17 08:48	156-60-5	
1,2-Dichloropropane	**<0.47**	ug/L	2.0	0.47	2		07/14/17 08:48	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	142-28-9	
2,2-Dichloropropane	**<0.97**	ug/L	2.0	0.97	2		07/14/17 08:48	594-20-7	
1,1-Dichloropropene	**<0.88**	ug/L	2.0	0.88	2		07/14/17 08:48	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	10061-01-5	
trans-1,3-Dichloropropene	**<0.46**	ug/L	2.0	0.46	2		07/14/17 08:48	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	108-20-3	
Ethylbenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	100-41-4	
Hexachloro-1,3-butadiene	**<4.2**	ug/L	10.0	4.2	2		07/14/17 08:48	87-68-3	
Isopropylbenzene (Cumene)	**<0.29**	ug/L	2.0	0.29	2		07/14/17 08:48	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	99-87-6	
Methylene Chloride	**<0.47**	ug/L	2.0	0.47	2		07/14/17 08:48	75-09-2	
Methyl-tert-butyl ether	**<0.35**	ug/L	2.0	0.35	2		07/14/17 08:48	1634-04-4	
Naphthalene	**<5.0**	ug/L	10.0	5.0	2		07/14/17 08:48	91-20-3	
n-Propylbenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	103-65-1	
Styrene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	2.0	0.36	2		07/14/17 08:48	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-7 **Lab ID: 40153076007** Collected: 07/08/17 13:00 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	2.0	0.50	2		07/14/17 08:48	79-34-5	
Tetrachloroethene	**215**	ug/L	2.0	1.0	2		07/14/17 08:48	127-18-4	
Toluene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	108-88-3	
1,2,3-Trichlorobenzene	**<4.3**	ug/L	10.0	4.3	2		07/14/17 08:48	87-61-6	
1,2,4-Trichlorobenzene	**<4.4**	ug/L	10.0	4.4	2		07/14/17 08:48	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	2.0	0.39	2		07/14/17 08:48	79-00-5	
Trichloroethene	**2.6**	ug/L	2.0	0.66	2		07/14/17 08:48	79-01-6	
Trichlorofluoromethane	**<0.37**	ug/L	2.0	0.37	2		07/14/17 08:48	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	96-18-4	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	108-67-8	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		07/14/17 08:48	75-01-4	
m&p-Xylene	**<2.0**	ug/L	4.0	2.0	2		07/14/17 08:48	179601-23-1	
o-Xylene	**<1.0**	ug/L	2.0	1.0	2		07/14/17 08:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		2		07/14/17 08:48	460-00-4	
Dibromofluoromethane (S)	100	%	67-130		2		07/14/17 08:48	1868-53-7	
Toluene-d8 (S)	101	%	70-130		2		07/14/17 08:48	2037-26-5	

Sample: MW-2 **Lab ID: 40153076008** Collected: 07/08/17 13:10 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	71-43-2	
Bromobenzene	**<0.46**	ug/L	2.0	0.46	2		07/13/17 16:36	108-86-1	
Bromochloromethane	**<0.68**	ug/L	2.0	0.68	2		07/13/17 16:36	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	75-27-4	
Bromoform	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	75-25-2	
Bromomethane	**<4.9**	ug/L	10.0	4.9	2		07/13/17 16:36	74-83-9	
n-Butylbenzene	**3.8**	ug/L	2.0	1.0	2		07/13/17 16:36	104-51-8	
sec-Butylbenzene	**<4.4**	ug/L	10.0	4.4	2		07/13/17 16:36	135-98-8	
tert-Butylbenzene	**<0.36**	ug/L	2.0	0.36	2		07/13/17 16:36	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	56-23-5	
Chlorobenzene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	108-90-7	
Chloroethane	**<0.75**	ug/L	2.0	0.75	2		07/13/17 16:36	75-00-3	L1
Chloroform	**<5.0**	ug/L	10.0	5.0	2		07/13/17 16:36	67-66-3	
Chloromethane	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	95-49-8	
4-Chlorotoluene	**<0.43**	ug/L	2.0	0.43	2		07/13/17 16:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.3**	ug/L	10.0	4.3	2		07/13/17 16:36	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.36**	ug/L	2.0	0.36	2		07/13/17 16:36	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-2 **Lab ID: 40153076008** Collected: 07/08/17 13:10 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.85**	ug/L	2.0	0.85	2		07/13/17 16:36	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	106-46-7	
Dichlorodifluoromethane	**<0.45**	ug/L	2.0	0.45	2		07/13/17 16:36	75-71-8	
1,1-Dichloroethane	**<0.48**	ug/L	2.0	0.48	2		07/13/17 16:36	75-34-3	
1,2-Dichloroethane	**<0.34**	ug/L	2.0	0.34	2		07/13/17 16:36	107-06-2	
1,1-Dichloroethene	**<0.82**	ug/L	2.0	0.82	2		07/13/17 16:36	75-35-4	
cis-1,2-Dichloroethene	**35.0**	ug/L	2.0	0.51	2		07/13/17 16:36	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/L	2.0	0.51	2		07/13/17 16:36	156-60-5	
1,2-Dichloropropane	**<0.47**	ug/L	2.0	0.47	2		07/13/17 16:36	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	142-28-9	
2,2-Dichloropropane	**<0.97**	ug/L	2.0	0.97	2		07/13/17 16:36	594-20-7	
1,1-Dichloropropene	**<0.88**	ug/L	2.0	0.88	2		07/13/17 16:36	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.46**	ug/L	2.0	0.46	2		07/13/17 16:36	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	108-20-3	
Ethylbenzene	**20.9**	ug/L	2.0	1.0	2		07/13/17 16:36	100-41-4	
Hexachloro-1,3-butadiene	**<4.2**	ug/L	10.0	4.2	2		07/13/17 16:36	87-68-3	
Isopropylbenzene (Cumene)	**1.8J**	ug/L	2.0	0.29	2		07/13/17 16:36	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	99-87-6	
Methylene Chloride	**<0.47**	ug/L	2.0	0.47	2		07/13/17 16:36	75-09-2	
Methyl-tert-butyl ether	**<0.35**	ug/L	2.0	0.35	2		07/13/17 16:36	1634-04-4	
Naphthalene	**5.4J**	ug/L	10.0	5.0	2		07/13/17 16:36	91-20-3	
n-Propylbenzene	**2.7**	ug/L	2.0	1.0	2		07/13/17 16:36	103-65-1	
Styrene	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	2.0	0.36	2		07/13/17 16:36	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	2.0	0.50	2		07/13/17 16:36	79-34-5	
Tetrachloroethene	**170**	ug/L	2.0	1.0	2		07/13/17 16:36	127-18-4	
Toluene	**10.4**	ug/L	2.0	1.0	2		07/13/17 16:36	108-88-3	
1,2,3-Trichlorobenzene	**<4.3**	ug/L	10.0	4.3	2		07/13/17 16:36	87-61-6	
1,2,4-Trichlorobenzene	**<4.4**	ug/L	10.0	4.4	2		07/13/17 16:36	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	2.0	0.39	2		07/13/17 16:36	79-00-5	
Trichloroethene	**125**	ug/L	2.0	0.66	2		07/13/17 16:36	79-01-6	
Trichlorofluoromethane	**<0.37**	ug/L	2.0	0.37	2		07/13/17 16:36	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	2.0	1.0	2		07/13/17 16:36	96-18-4	
1,2,4-Trimethylbenzene	**37.7**	ug/L	2.0	1.0	2		07/13/17 16:36	95-63-6	
1,3,5-Trimethylbenzene	**5.0**	ug/L	2.0	1.0	2		07/13/17 16:36	108-67-8	
Vinyl chloride	**2.6**	ug/L	2.0	0.35	2		07/13/17 16:36	75-01-4	
m&p-Xylene	**39.6**	ug/L	4.0	2.0	2		07/13/17 16:36	179601-23-1	
o-Xylene	**19.3**	ug/L	2.0	1.0	2		07/13/17 16:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		2		07/13/17 16:36	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		2		07/13/17 16:36	1868-53-7	
Toluene-d8 (S)	99	%	70-130		2		07/13/17 16:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-5 **Lab ID: 40153076009** Collected: 07/08/17 12:30 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	71-43-2	
Bromobenzene	**<2.3**	ug/L	10.0	2.3	10		07/14/17 08:26	108-86-1	
Bromochloromethane	**<3.4**	ug/L	10.0	3.4	10		07/14/17 08:26	74-97-5	
Bromodichloromethane	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	75-27-4	
Bromoform	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	75-25-2	
Bromomethane	**<24.3**	ug/L	50.0	24.3	10		07/14/17 08:26	74-83-9	
n-Butylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	104-51-8	
sec-Butylbenzene	**<21.9**	ug/L	50.0	21.9	10		07/14/17 08:26	135-98-8	
tert-Butylbenzene	**<1.8**	ug/L	10.0	1.8	10		07/14/17 08:26	98-06-6	
Carbon tetrachloride	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	56-23-5	
Chlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	108-90-7	
Chloroethane	**<3.7**	ug/L	10.0	3.7	10		07/14/17 08:26	75-00-3	L1
Chloroform	**<25.0**	ug/L	50.0	25.0	10		07/14/17 08:26	67-66-3	
Chloromethane	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	74-87-3	
2-Chlorotoluene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	95-49-8	
4-Chlorotoluene	**<2.1**	ug/L	10.0	2.1	10		07/14/17 08:26	106-43-4	
1,2-Dibromo-3-chloropropane	**<21.6**	ug/L	50.0	21.6	10		07/14/17 08:26	96-12-8	
Dibromochloromethane	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	124-48-1	
1,2-Dibromoethane (EDB)	**<1.8**	ug/L	10.0	1.8	10		07/14/17 08:26	106-93-4	
Dibromomethane	**<4.3**	ug/L	10.0	4.3	10		07/14/17 08:26	74-95-3	
1,2-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	95-50-1	
1,3-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	541-73-1	
1,4-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	106-46-7	
Dichlorodifluoromethane	**<2.2**	ug/L	10.0	2.2	10		07/14/17 08:26	75-71-8	
1,1-Dichloroethane	**<2.4**	ug/L	10.0	2.4	10		07/14/17 08:26	75-34-3	
1,2-Dichloroethane	**<1.7**	ug/L	10.0	1.7	10		07/14/17 08:26	107-06-2	
1,1-Dichloroethene	**<4.1**	ug/L	10.0	4.1	10		07/14/17 08:26	75-35-4	
cis-1,2-Dichloroethene	**17.8**	ug/L	10.0	2.6	10		07/14/17 08:26	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	10.0	2.6	10		07/14/17 08:26	156-60-5	
1,2-Dichloropropane	**<2.3**	ug/L	10.0	2.3	10		07/14/17 08:26	78-87-5	
1,3-Dichloropropane	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	142-28-9	
2,2-Dichloropropane	**<4.8**	ug/L	10.0	4.8	10		07/14/17 08:26	594-20-7	
1,1-Dichloropropene	**<4.4**	ug/L	10.0	4.4	10		07/14/17 08:26	563-58-6	
cis-1,3-Dichloropropene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	10061-01-5	
trans-1,3-Dichloropropene	**<2.3**	ug/L	10.0	2.3	10		07/14/17 08:26	10061-02-6	
Diisopropyl ether	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	108-20-3	
Ethylbenzene	**9.6J**	ug/L	10.0	5.0	10		07/14/17 08:26	100-41-4	
Hexachloro-1,3-butadiene	**<21.1**	ug/L	50.0	21.1	10		07/14/17 08:26	87-68-3	
Isopropylbenzene (Cumene)	**<1.4**	ug/L	10.0	1.4	10		07/14/17 08:26	98-82-8	
p-Isopropyltoluene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	99-87-6	
Methylene Chloride	**<2.3**	ug/L	10.0	2.3	10		07/14/17 08:26	75-09-2	
Methyl-tert-butyl ether	**<1.7**	ug/L	10.0	1.7	10		07/14/17 08:26	1634-04-4	
Naphthalene	**<25.0**	ug/L	50.0	25.0	10		07/14/17 08:26	91-20-3	
n-Propylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	103-65-1	
Styrene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	10.0	1.8	10		07/14/17 08:26	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-5 **Lab ID: 40153076009** Collected: 07/08/17 12:30 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<2.5**	ug/L	10.0	2.5	10		07/14/17 08:26	79-34-5	
Tetrachloroethene	**1030**	ug/L	10.0	5.0	10		07/14/17 08:26	127-18-4	
Toluene	**23.6**	ug/L	10.0	5.0	10		07/14/17 08:26	108-88-3	
1,2,3-Trichlorobenzene	**<21.3**	ug/L	50.0	21.3	10		07/14/17 08:26	87-61-6	
1,2,4-Trichlorobenzene	**<22.1**	ug/L	50.0	22.1	10		07/14/17 08:26	120-82-1	
1,1,1-Trichloroethane	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	71-55-6	
1,1,2-Trichloroethane	**<2.0**	ug/L	10.0	2.0	10		07/14/17 08:26	79-00-5	
Trichloroethene	**5.3J**	ug/L	10.0	3.3	10		07/14/17 08:26	79-01-6	
Trichlorofluoromethane	**<1.8**	ug/L	10.0	1.8	10		07/14/17 08:26	75-69-4	
1,2,3-Trichloropropane	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	96-18-4	
1,2,4-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	95-63-6	
1,3,5-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	108-67-8	
Vinyl chloride	**7.0J**	ug/L	10.0	1.8	10		07/14/17 08:26	75-01-4	
m&p-Xylene	**<10.0**	ug/L	20.0	10.0	10		07/14/17 08:26	179601-23-1	
o-Xylene	**<5.0**	ug/L	10.0	5.0	10		07/14/17 08:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		10		07/14/17 08:26	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		10		07/14/17 08:26	1868-53-7	
Toluene-d8 (S)	104	%	70-130		10		07/14/17 08:26	2037-26-5	

Sample: MW-8 **Lab ID: 40153076010** Collected: 07/08/17 11:15 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**2780**	ug/L	50.0	25.0	50		07/14/17 08:04	71-43-2	
Bromobenzene	**<11.5**	ug/L	50.0	11.5	50		07/14/17 08:04	108-86-1	
Bromochloromethane	**<17.0**	ug/L	50.0	17.0	50		07/14/17 08:04	74-97-5	
Bromodichloromethane	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	75-27-4	
Bromoform	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	75-25-2	
Bromomethane	**<122**	ug/L	250	122	50		07/14/17 08:04	74-83-9	
n-Butylbenzene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	104-51-8	
sec-Butylbenzene	**<109**	ug/L	250	109	50		07/14/17 08:04	135-98-8	
tert-Butylbenzene	**<9.0**	ug/L	50.0	9.0	50		07/14/17 08:04	98-06-6	
Carbon tetrachloride	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	56-23-5	
Chlorobenzene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	108-90-7	
Chloroethane	**<18.7**	ug/L	50.0	18.7	50		07/14/17 08:04	75-00-3	L1
Chloroform	**<125**	ug/L	250	125	50		07/14/17 08:04	67-66-3	
Chloromethane	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	74-87-3	
2-Chlorotoluene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	95-49-8	
4-Chlorotoluene	**<10.7**	ug/L	50.0	10.7	50		07/14/17 08:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<108**	ug/L	250	108	50		07/14/17 08:04	96-12-8	
Dibromochloromethane	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	124-48-1	
1,2-Dibromoethane (EDB)	**37.5J**	ug/L	50.0	8.9	50		07/14/17 08:04	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Sample: MW-8 **Lab ID: 40153076010** Collected: 07/08/17 11:15 Received: 07/12/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<21.3**	ug/L	50.0	21.3	50		07/14/17 08:04	74-95-3	
1,2-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	95-50-1	
1,3-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	541-73-1	
1,4-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	106-46-7	
Dichlorodifluoromethane	**<11.2**	ug/L	50.0	11.2	50		07/14/17 08:04	75-71-8	
1,1-Dichloroethane	**<12.1**	ug/L	50.0	12.1	50		07/14/17 08:04	75-34-3	
1,2-Dichloroethane	**<8.4**	ug/L	50.0	8.4	50		07/14/17 08:04	107-06-2	
1,1-Dichloroethene	**<20.5**	ug/L	50.0	20.5	50		07/14/17 08:04	75-35-4	
cis-1,2-Dichloroethene	**43.4J**	ug/L	50.0	12.8	50		07/14/17 08:04	156-59-2	
trans-1,2-Dichloroethene	**<12.8**	ug/L	50.0	12.8	50		07/14/17 08:04	156-60-5	
1,2-Dichloropropane	**<11.7**	ug/L	50.0	11.7	50		07/14/17 08:04	78-87-5	
1,3-Dichloropropane	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	142-28-9	
2,2-Dichloropropane	**<24.2**	ug/L	50.0	24.2	50		07/14/17 08:04	594-20-7	
1,1-Dichloropropene	**<22.1**	ug/L	50.0	22.1	50		07/14/17 08:04	563-58-6	
cis-1,3-Dichloropropene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	10061-01-5	
trans-1,3-Dichloropropene	**<11.5**	ug/L	50.0	11.5	50		07/14/17 08:04	10061-02-6	
Diisopropyl ether	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	108-20-3	
Ethylbenzene	**947**	ug/L	50.0	25.0	50		07/14/17 08:04	100-41-4	
Hexachloro-1,3-butadiene	**<105**	ug/L	250	105	50		07/14/17 08:04	87-68-3	
Isopropylbenzene (Cumene)	**31.1J**	ug/L	50.0	7.2	50		07/14/17 08:04	98-82-8	
p-Isopropyltoluene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	99-87-6	
Methylene Chloride	**<11.6**	ug/L	50.0	11.6	50		07/14/17 08:04	75-09-2	
Methyl-tert-butyl ether	**<8.7**	ug/L	50.0	8.7	50		07/14/17 08:04	1634-04-4	
Naphthalene	**<125**	ug/L	250	125	50		07/14/17 08:04	91-20-3	
n-Propylbenzene	**68.4**	ug/L	50.0	25.0	50		07/14/17 08:04	103-65-1	
Styrene	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	100-42-5	
1,1,1,2-Tetrachloroethane	**<9.0**	ug/L	50.0	9.0	50		07/14/17 08:04	630-20-6	
1,1,2,2-Tetrachloroethane	**<12.5**	ug/L	50.0	12.5	50		07/14/17 08:04	79-34-5	
Tetrachloroethene	**109**	ug/L	50.0	25.0	50		07/14/17 08:04	127-18-4	
Toluene	**9160**	ug/L	50.0	25.0	50		07/14/17 08:04	108-88-3	
1,2,3-Trichlorobenzene	**<107**	ug/L	250	107	50		07/14/17 08:04	87-61-6	
1,2,4-Trichlorobenzene	**<110**	ug/L	250	110	50		07/14/17 08:04	120-82-1	
1,1,1-Trichloroethane	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	71-55-6	
1,1,2-Trichloroethane	**<9.9**	ug/L	50.0	9.9	50		07/14/17 08:04	79-00-5	
Trichloroethene	**20.3J**	ug/L	50.0	16.5	50		07/14/17 08:04	79-01-6	
Trichlorofluoromethane	**<9.2**	ug/L	50.0	9.2	50		07/14/17 08:04	75-69-4	
1,2,3-Trichloropropane	**<25.0**	ug/L	50.0	25.0	50		07/14/17 08:04	96-18-4	
1,2,4-Trimethylbenzene	**504**	ug/L	50.0	25.0	50		07/14/17 08:04	95-63-6	
1,3,5-Trimethylbenzene	**137**	ug/L	50.0	25.0	50		07/14/17 08:04	108-67-8	
Vinyl chloride	**<8.8**	ug/L	50.0	8.8	50		07/14/17 08:04	75-01-4	
m&p-Xylene	**2940**	ug/L	100	50.0	50		07/14/17 08:04	179601-23-1	
o-Xylene	**1310**	ug/L	50.0	25.0	50		07/14/17 08:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	61-130		50		07/14/17 08:04	460-00-4	
Dibromofluoromethane (S)	99	%	67-130		50		07/14/17 08:04	1868-53-7	
Toluene-d8 (S)	102	%	70-130		50		07/14/17 08:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

QC Batch: 261373 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40153076001, 40153076002, 40153076003, 40153076004, 40153076005, 40153076006, 40153076007, 40153076008, 40153076009, 40153076010

METHOD BLANK: 1538985 Matrix: Water
Associated Lab Samples: 40153076001, 40153076002, 40153076003, 40153076004, 40153076005, 40153076006, 40153076007, 40153076008, 40153076009, 40153076010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/13/17 07:46	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/13/17 07:46	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/13/17 07:46	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	07/13/17 07:46	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/13/17 07:46	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/13/17 07:46	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/13/17 07:46	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/13/17 07:46	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/13/17 07:46	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/13/17 07:46	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/13/17 07:46	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/13/17 07:46	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	07/13/17 07:46	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/13/17 07:46	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/13/17 07:46	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/13/17 07:46	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/13/17 07:46	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/13/17 07:46	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/13/17 07:46	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/13/17 07:46	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/13/17 07:46	
2-Chlorotoluene	ug/L	<0.50	1.0	07/13/17 07:46	
4-Chlorotoluene	ug/L	<0.21	1.0	07/13/17 07:46	
Benzene	ug/L	<0.50	1.0	07/13/17 07:46	
Bromobenzene	ug/L	<0.23	1.0	07/13/17 07:46	
Bromochloromethane	ug/L	<0.34	1.0	07/13/17 07:46	
Bromodichloromethane	ug/L	<0.50	1.0	07/13/17 07:46	
Bromoform	ug/L	<0.50	1.0	07/13/17 07:46	
Bromomethane	ug/L	<2.4	5.0	07/13/17 07:46	
Carbon tetrachloride	ug/L	<0.50	1.0	07/13/17 07:46	
Chlorobenzene	ug/L	<0.50	1.0	07/13/17 07:46	
Chloroethane	ug/L	<0.37	1.0	07/13/17 07:46	
Chloroform	ug/L	<2.5	5.0	07/13/17 07:46	
Chloromethane	ug/L	<0.50	1.0	07/13/17 07:46	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/13/17 07:46	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/13/17 07:46	
Dibromochloromethane	ug/L	<0.50	1.0	07/13/17 07:46	
Dibromomethane	ug/L	<0.43	1.0	07/13/17 07:46	
Dichlorodifluoromethane	ug/L	<0.22	1.0	07/13/17 07:46	
Diisopropyl ether	ug/L	<0.50	1.0	07/13/17 07:46	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

METHOD BLANK: 1538985 Matrix: Water

Associated Lab Samples: 40153076001, 40153076002, 40153076003, 40153076004, 40153076005, 40153076006, 40153076007, 40153076008, 40153076009, 40153076010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	07/13/17 07:46	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/13/17 07:46	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/13/17 07:46	
m&p-Xylene	ug/L	<1.0	2.0	07/13/17 07:46	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/13/17 07:46	
Methylene Chloride	ug/L	<0.23	1.0	07/13/17 07:46	
n-Butylbenzene	ug/L	<0.50	1.0	07/13/17 07:46	
n-Propylbenzene	ug/L	<0.50	1.0	07/13/17 07:46	
Naphthalene	ug/L	<2.5	5.0	07/13/17 07:46	
o-Xylene	ug/L	<0.50	1.0	07/13/17 07:46	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/13/17 07:46	
sec-Butylbenzene	ug/L	<2.2	5.0	07/13/17 07:46	
Styrene	ug/L	<0.50	1.0	07/13/17 07:46	
tert-Butylbenzene	ug/L	<0.18	1.0	07/13/17 07:46	
Tetrachloroethene	ug/L	<0.50	1.0	07/13/17 07:46	
Toluene	ug/L	<0.50	1.0	07/13/17 07:46	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/13/17 07:46	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/13/17 07:46	
Trichloroethene	ug/L	<0.33	1.0	07/13/17 07:46	
Trichlorofluoromethane	ug/L	<0.18	1.0	07/13/17 07:46	
Vinyl chloride	ug/L	<0.18	1.0	07/13/17 07:46	
4-Bromofluorobenzene (S)	%	91	61-130	07/13/17 07:46	
Dibromofluoromethane (S)	%	102	67-130	07/13/17 07:46	
Toluene-d8 (S)	%	101	70-130	07/13/17 07:46	

LABORATORY CONTROL SAMPLE: 1538986

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.9	112	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.7	103	70-130	
1,1,2-Trichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethane	ug/L	50	55.2	110	71-132	
1,1-Dichloroethene	ug/L	50	58.6	117	75-130	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.3	97	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	54.8	110	70-130	
1,2-Dichlorobenzene	ug/L	50	54.7	109	70-130	
1,2-Dichloroethane	ug/L	50	51.3	103	70-131	
1,2-Dichloropropane	ug/L	50	53.3	107	80-120	
1,3-Dichlorobenzene	ug/L	50	53.4	107	70-130	
1,4-Dichlorobenzene	ug/L	50	55.0	110	70-130	
Benzene	ug/L	50	54.4	109	73-145	
Bromodichloromethane	ug/L	50	53.1	106	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

LABORATORY CONTROL SAMPLE: 1538986

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	49.2	98	67-130	
Bromomethane	ug/L	50	38.1	76	26-128	
Carbon tetrachloride	ug/L	50	56.2	112	70-133	
Chlorobenzene	ug/L	50	54.6	109	70-130	
Chloroethane	ug/L	50	62.8	126	58-120	L1
Chloroform	ug/L	50	53.2	106	80-121	
Chloromethane	ug/L	50	39.2	78	40-127	
cis-1,2-Dichloroethene	ug/L	50	55.7	111	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.2	108	70-130	
Dibromochloromethane	ug/L	50	54.6	109	70-130	
Dichlorodifluoromethane	ug/L	50	47.2	94	20-135	
Ethylbenzene	ug/L	50	56.3	113	87-129	
Isopropylbenzene (Cumene)	ug/L	50	56.8	114	70-130	
m&p-Xylene	ug/L	100	110	110	70-130	
Methyl-tert-butyl ether	ug/L	50	58.3	117	66-143	
Methylene Chloride	ug/L	50	54.5	109	70-130	
o-Xylene	ug/L	50	57.5	115	70-130	
Styrene	ug/L	50	56.1	112	70-130	
Tetrachloroethene	ug/L	50	56.1	112	70-130	
Toluene	ug/L	50	54.3	109	82-130	
trans-1,2-Dichloroethene	ug/L	50	57.8	116	75-132	
trans-1,3-Dichloropropene	ug/L	50	51.4	103	70-130	
Trichloroethene	ug/L	50	55.4	111	70-130	
Trichlorofluoromethane	ug/L	50	60.0	120	76-133	
Vinyl chloride	ug/L	50	57.3	115	57-136	
4-Bromofluorobenzene (S)	%			101	61-130	
Dibromofluoromethane (S)	%			102	67-130	
Toluene-d8 (S)	%			101	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 10745.00 REEDSBURG CLEANERS
Pace Project No.: 40153076

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40153076001	**PZ-2**	EPA 8260	261373		
40153076002	**MW-10**	EPA 8260	261373		
40153076003	**MW-1**	EPA 8260	261373		
40153076004	**MW-3R**	EPA 8260	261373		
40153076005	**MW-4**	EPA 8260	261373		
40153076006	**MW-6**	EPA 8260	261373		
40153076007	**MW-7**	EPA 8260	261373		
40153076008	**MW-2**	EPA 8260	261373		
40153076009	**MW-5**	EPA 8260	261373		
40153076010	**MW-8**	EPA 8260	261373		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

SSM

COC No. 40153076

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	Seymour Environmental Services
Branch/Location:	McFarland
Project Contact:	Robyn Seymour
Phone:	608-838-9120
Project Number:	10745.00
Project Name:	Reedsburg Cleaners
Project State:	Wisconsin
Sampled By (Print):	Mark R. Seymour
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Robyn Seymour
Mail To Company:	Seymour Environmental Services
Mail To Address:	2531 Dyreson Road McFarland, Wisconsin 53558
Invoice To Contact:	Robyn Seymour
Invoice To Company:	Seymour Environmental Services
Invoice To Address:	2531 Dyreson Road McFarland, Wisconsin 53558
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
Sl = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) PRESERVATION (CODE)* Y/N	Pick Letter	Analyses Requested: VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
						N				
						B				
001	PZ-2	7/8/17	10:50	GW			X		3-40mL V B	
002	MW-10	7/8/17	11:05	GW			X			
003	MW-1	7/8/17	11:50	GW			X			
004	MW-3R	7/8/17	12:05	GW			X			
005	MW-4	7/8/17	12:15	GW			X			
006	MW-6	7/8/17	12:45	GW			X			
007	MW-7	7/8/17	13:00	GW			X			
008	MW-2	7/8/17	13:10	GW			X			
009	MW-5	7/8/17	12:30	GW			X			
010	MW-8	7/8/17	11:15	GW			X			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	rseymour@chorus.net
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Robyn Seymour	7/11/17 pm		
Logistics	7/12/17 0945	Pace Courier	7/12/17 0945

PACE Project No. 40153076

Receipt Temp = 2.01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project #: **WO# : 40153076**

40153076

Client Name: Seymour Env WD

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: CS Logistics

Tracking #: 359-071017

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used N/A **Type of Ice:** Wet (Blue) Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr: R01 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 7/12/17
Initials: RMV

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

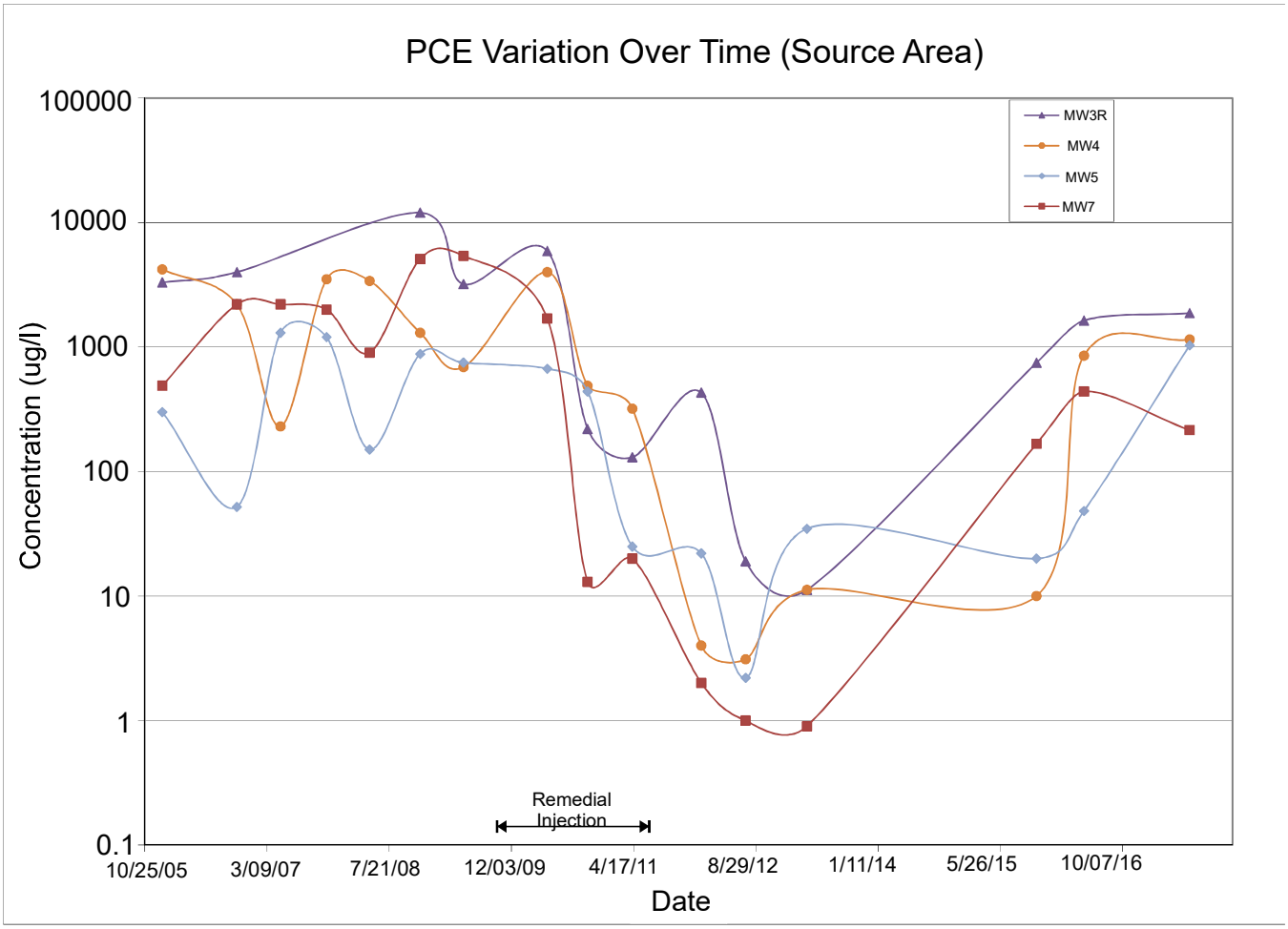
				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3. no time KF 7/12/17
Sampler Name & Signature on COC:	☐Yes	☑No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☑No	☐N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	14.
Trip Blank Present:	☐Yes	☑No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

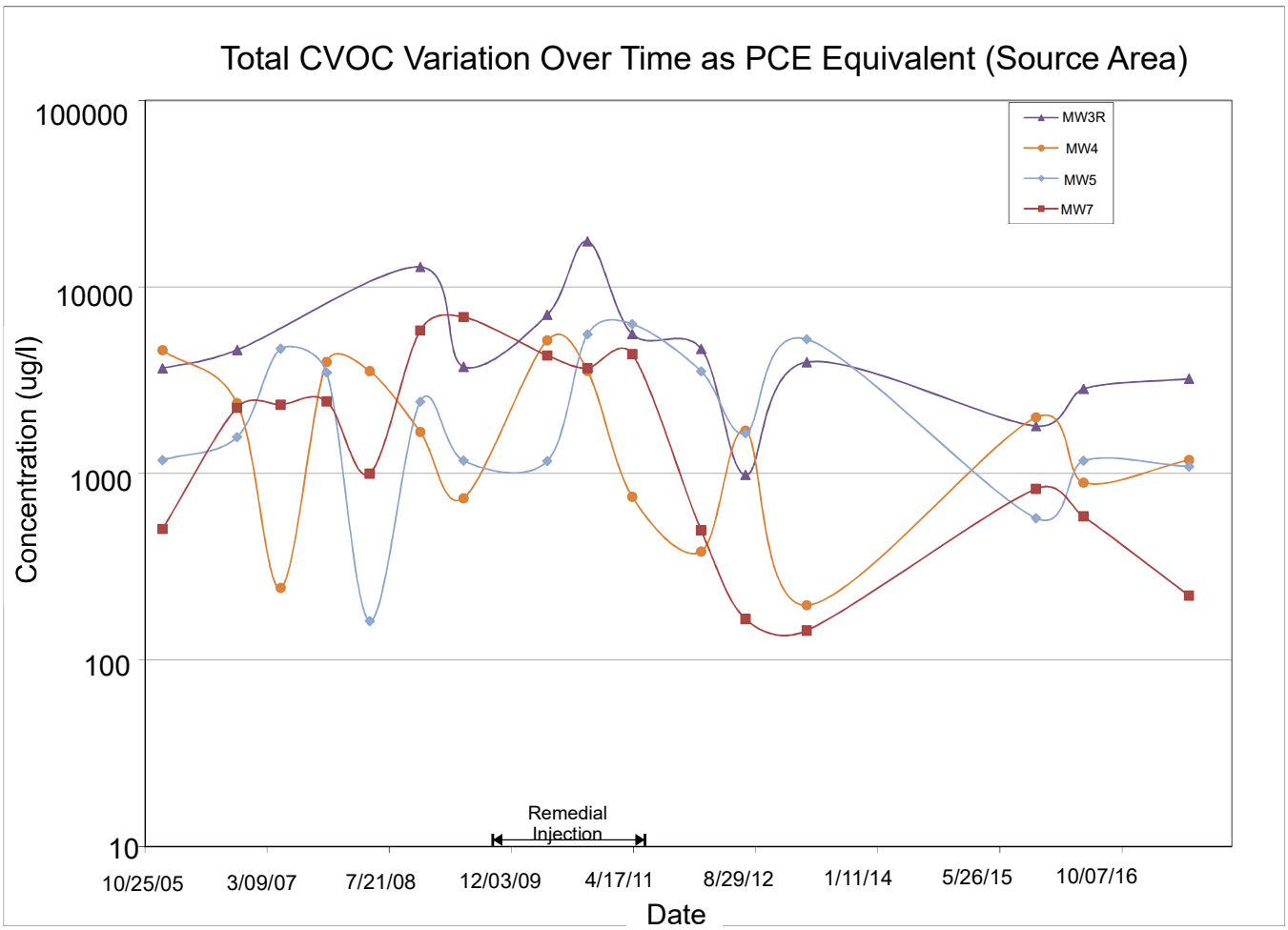
Client Notification/ Resolution: If checked, see attached form for additional comments ☐

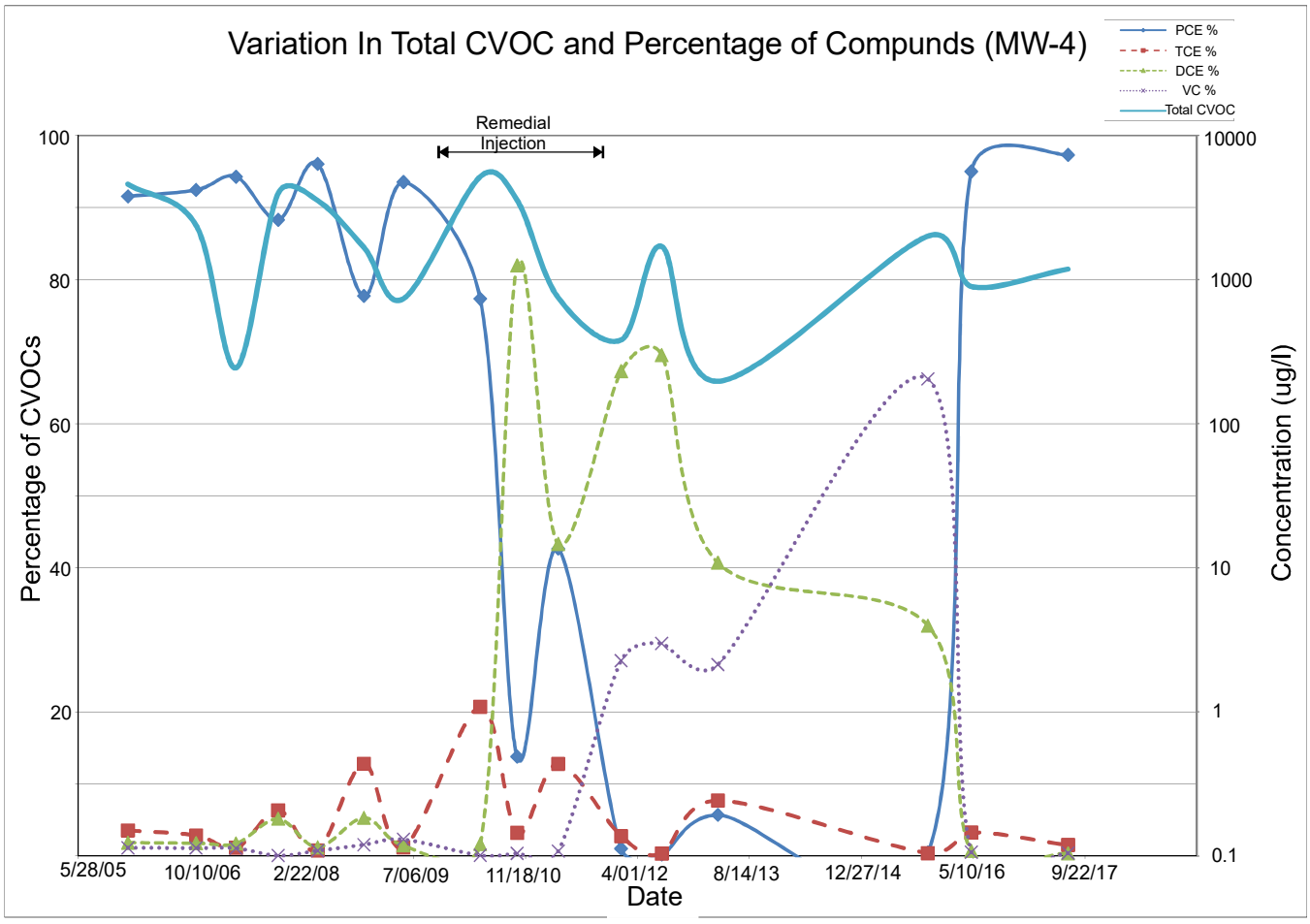
Person Contacted: Date/Time:

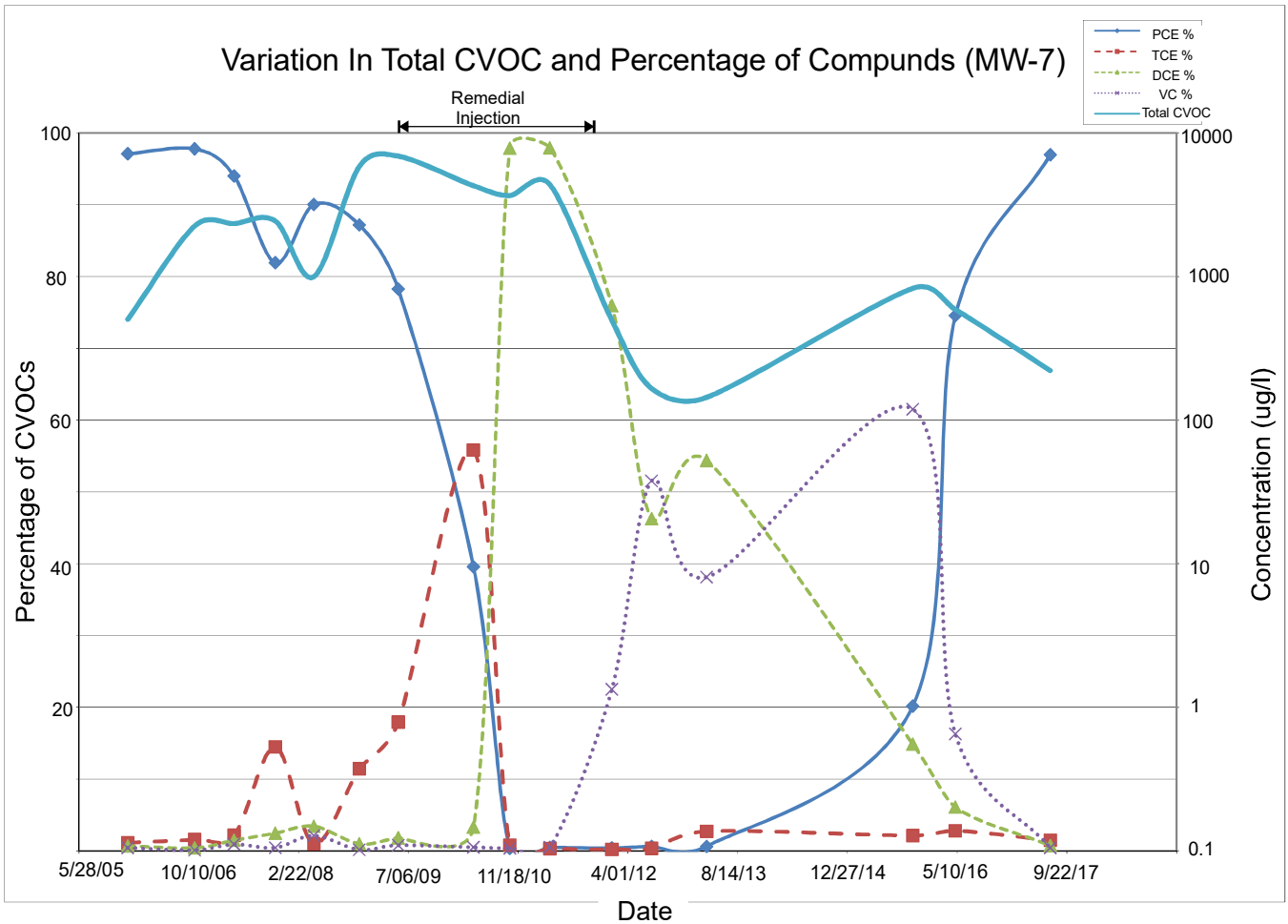
Comments/ Resolution:

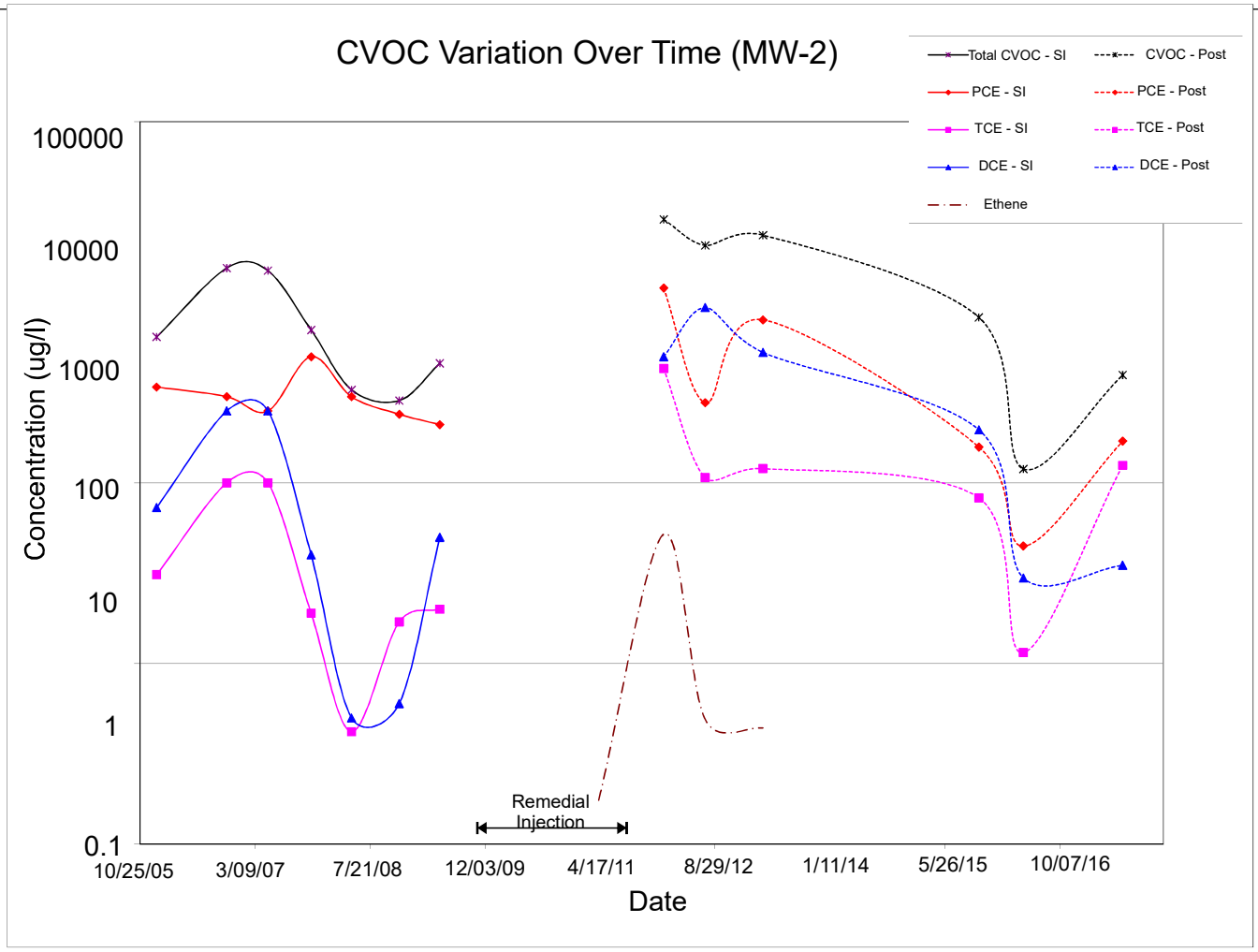
Project Manager Review: AL for DM **Date:** 7-12-17

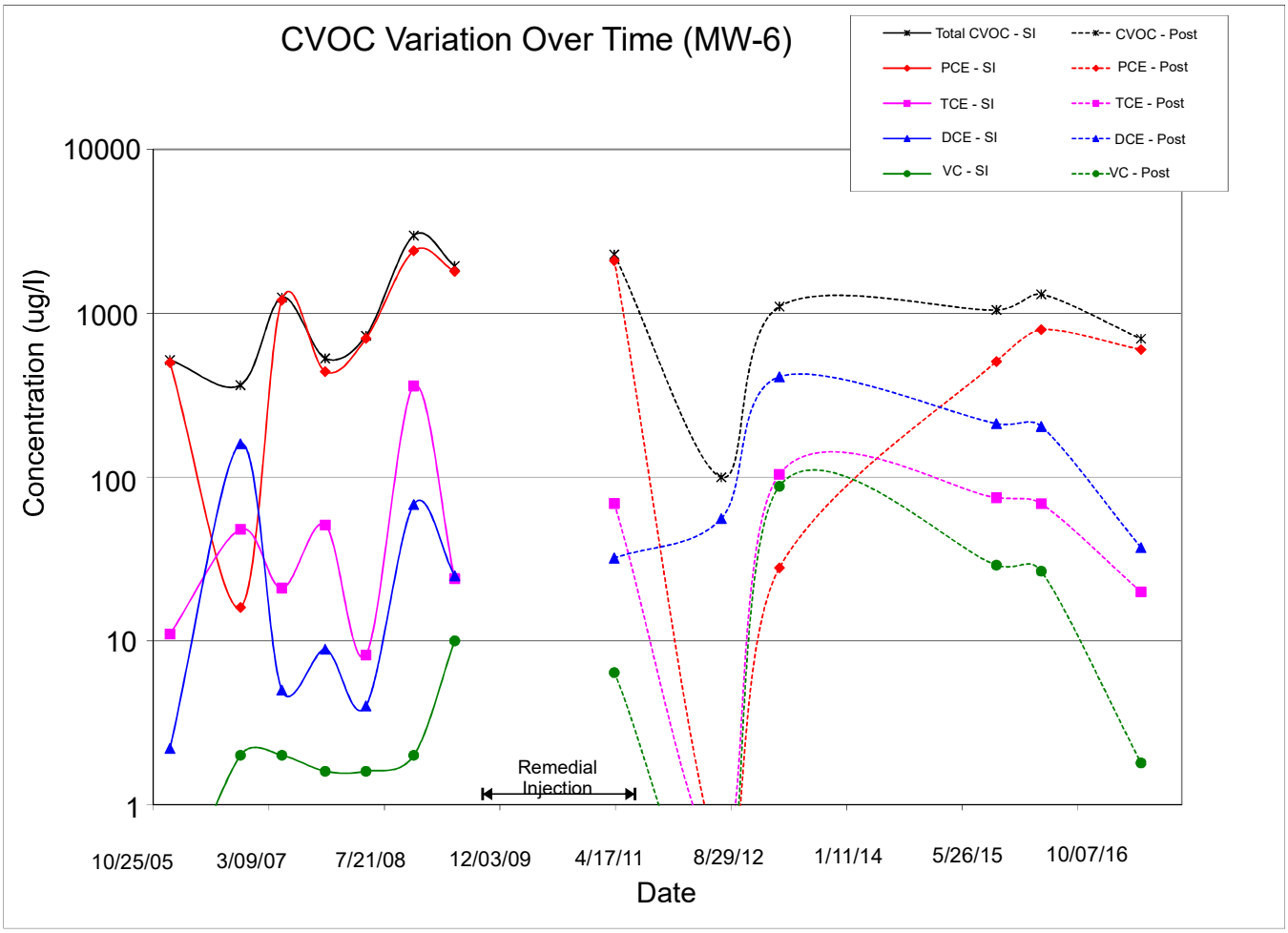

PCE Variation Over Time (Source Area)
100000
10000
1000
100
10
1
0.1
Concentration (ug/l)
MW3R
MW4
MW5
MW7
Remedial Injection
10/25/05
3/09/07
7/21/08
12/03/09
4/17/11
8/29/12
1/11/14
5/26/15
10/07/16
Date

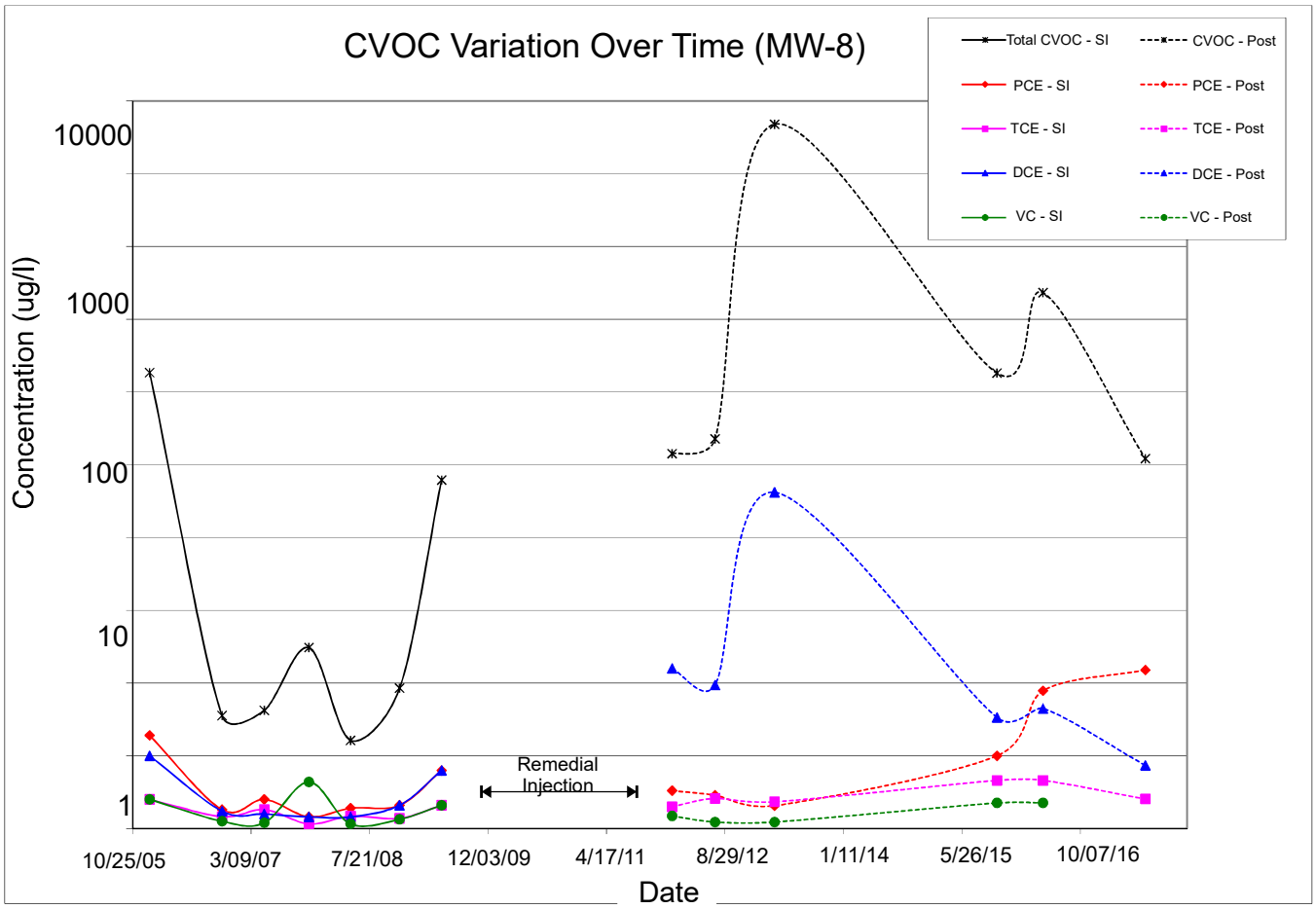

Total CVOC Variation Over Time as PCE Equivalent (Source Area)
100000
10000
1000
100
10
Concentration (ug/l)
MW3R
MW4
MW5
MW7
Remedial Injection
10/25/05
3/09/07
7/21/08
12/03/09
4/17/11
8/29/12
1/11/14
5/26/15
10/07/16
Date

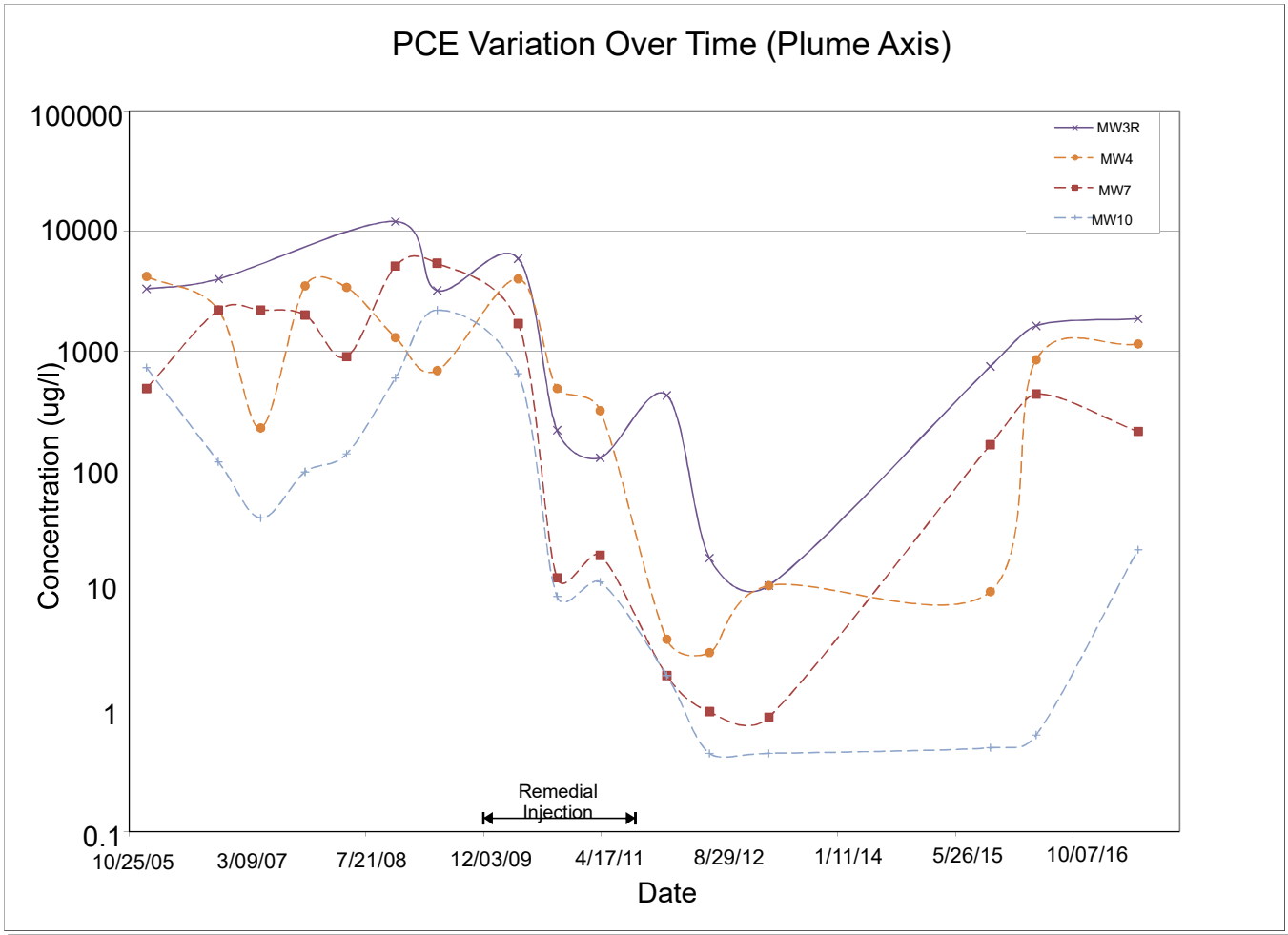

Variation In Total CVOC and Percentage of Compunds (MW-4)
PCE %
TCE %
DCE %
VC %
Total CVOC
Remedial Injection
Percentage of CVOCs
Concentration (ug/l)
100
80
60
40
20
10000
1000
100
10
1
0.1
5/28/05
10/10/06
2/22/08
7/06/09
11/18/10
4/01/12
8/14/13
12/27/14
5/10/16
9/22/17
Date

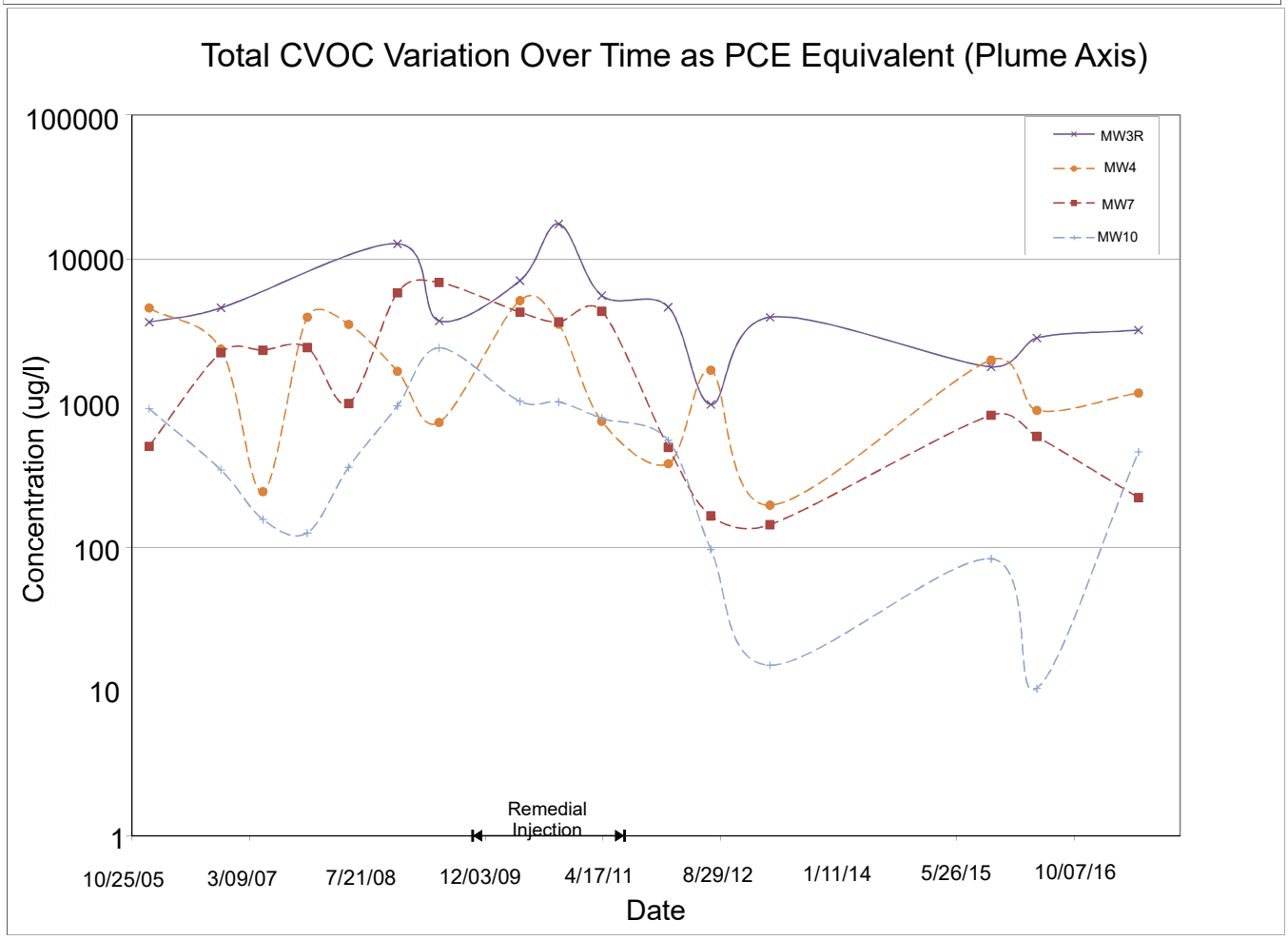

Variation In Total CVOC and Percentage of Compunds (MW-7)
PCE %
TCE %
DCE %
VC %
Total CVOC
Remedial Injection
Percentage of CVOCs
Concentration (ug/l)
100
80
60
40
20
10000
1000
100
10
1
0.1
5/28/05
10/10/06
2/22/08
7/06/09
11/18/10
4/01/12
8/14/13
12/27/14
5/10/16
9/22/17
Date


CVOC Variation Over Time (MW-2)
Total CVOC - SI
CVOC - Post
PCE - SI
PCE - Post
TCE - SI
TCE - Post
DCE - SI
DCE - Post
Ethene
Concentration (ug/l)
100000
10000
1000
100
10
1
0.1
Remedial Injection
10/25/05
3/09/07
7/21/08
12/03/09
4/17/11
8/29/12
1/11/14
5/26/15
10/07/16
Date


CVOC Variation Over Time (MW-6)
Total CVOC - SI
CVOC - Post
PCE - SI
PCE - Post
TCE - SI
TCE - Post
DCE - SI
DCE - Post
VC - SI
VC - Post
Concentration (ug/l)
10000
1000
100
10
1
Remedial Injection
10/25/05
3/09/07
7/21/08
12/03/09
4/17/11
8/29/12
1/11/14
5/26/15
10/07/16
Date


CVOC Variation Over Time (MW-8)
Total CVOC - SI
CVOC - Post
PCE - SI
PCE - Post
TCE - SI
TCE - Post
DCE - SI
DCE - Post
VC - SI
VC - Post
Concentration (ug/l)
10000
1000
100
10
1
Remedial Injection
10/25/05
3/09/07
7/21/08
12/03/09
4/17/11
8/29/12
1/11/14
5/26/15
10/07/16
Date


PCE Variation Over Time (Plume Axis)
100000
10000
1000
100
10
1
0.1
Concentration (ug/l)
MW3R
MW4
MW7
MW10
Remedial Injection
10/25/05
3/09/07
7/21/08
12/03/09
4/17/11
8/29/12
1/11/14
5/26/15
10/07/16
Date


Total CVOC Variation Over Time as PCE Equivalent (Plume Axis)
100000
10000
1000
100
10
1
Concentration (ug/l)
MW3R
MW4
MW7
MW10
Remedial Injection
10/25/05
3/09/07
7/21/08
12/03/09
4/17/11
8/29/12
1/11/14
5/26/15
10/07/16
Date