REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

September 28, 2022

Wisconsin Department of Natural Resources
Attn: Ms. Josie Schultz
2984 Shawano Ave.
Green Bay, WI 54313

Subject:

Former V&L Stripping – Vapor Sampling Update
864 Mather Street
Green Bay, WI 54303
BRRTS #02-05-216722

Dear Josie:

This letter will summarize additional groundwater and vapor sampling at the V&L Stripping site. The site location is shown on Figure 1. The site layout and monitoring well network is shown on Figure 2. This letter and enclosed information will address the items detailed in your June 23, 2021 email correspondence.

On Site Vapor

The vapor mitigation system was installed in May of 2020. Ambient air sampling in September 2020 has demonstrated the effectiveness of the system in mitigating vapor intrusion. Vacuum testing following installation was conducted on TW900 and TW1400 and demonstrated continuity between the vacuum point and the entire slab. Photographs were included in the October 5, 2020 update report and are also in the Operation, Maintenance and Monitoring plan included in Attachment A.

Off-Site Vapor Sampling

Off-site vapor sampling was conducted during heating and cooling seasons in the adjacent properties. The adjacent eastern property (856 Mather Street) is an upper/lower rental duplex. There is no sump pit in the basement. A VAPOR PIN sub-slab sampling port was installed in the approximate center of the basement and sampled on April 14, and August 22, 2022 (temperatures on April 14, 2022 ranged from a low of 35°F to a high of 57°F and should be considered a "heating" event). Ambient air sampling within the basement was performed concurrently.

The adjacent northern property (714 Lincoln Street) is a single family residence occupied by a couple with young children. A sump pit is present in the northeast corner of the basement. A VAPOR PIN sub-slab sampling port was installed in the approximate center of the basement and sampled on April 14, and August 2, 2022. Ambient air sampling within the basement was performed concurrently.

Sub-slab and ambient air testing results are included in Tables 4a and 4b. The results were below the Vapor Risk Screening Level for residential properties for both rounds. The complete analytical reports are in Attachment B. Methods and procedures for vapor sampling are included in Attachment C. Photographs are included in Attachment D.

Prefrential Pathway Vapor Intrusion Sampling

The City of Green Bay engineering department was contacted regarding the sanitary sewer layout, connection, and 2011 reconstruction. The layout, as shown on the original figures depicts how the storm and sanitary piping currently exist. The sewer lateral to the V&L Stripping building was replaced when the building was constructed in 1984, but has always entered the property off of the intersection of Velp/Mather and Lincoln Street. The sanitary sewer piping was reconstructed in 2011 and consists of 8" PVC.

Vapor samples were collected from the upgradient manhole at the intersection of Velp/Mather and Lincoln Street, the downgradient manhole near the intersection of Lincoln Street and James Street, and from the shop bathroom sink beyond the trap on March 29, 2022. At the manholes, the sample tubing was lowered to within 6" of the bottom of the pipe, purged with a 4 gas meter, and connected to a Summa can with a 30 minute flow controller. The on-site sewer vapor was sampled from the drain in the shop bathroom sink by sliding the tubing past the trap, purging with a 4 gas meter, and connecting to a Summa can with a 30 minute flow controller. The results of sampling are on Table 4c. All results were below the Vapor Risk Screening level. The complete analytical report is in Attachment B. Photographs are in Attachment D.

Groundwater

One (1) additional round of groundwater sampling was conducted on March 29, 2022. Contaminant levels have fluctuated since the CAP 18 injection in June 2019 but show a general stable or decreasing trend. Over twenty (20) years of monitoring data has been collected at the site, which is sufficient to demonstrate plume dynamics. Decreases in Tetrachloroethylene and trichloroethylene combined with increased concentrations of daughter compounds continue to show reductive dechlorination is occurring. Based on the indicator parameters, the dechlorination process may be occurring inconsistently and likely depends on seasonality and groundwater elevation. The results of groundwater sampling are summarized on Tables 2a-2r. The complete analytical report is in Attachment B. Groundwater flow has remained consistent to the south/southwest as shown on Figure 4. Figures 5a and 5b depict the approximate dimensions of the groundwater contaminant plume. A graphical depiction of contaminant concentration versus groundwater elevation and time is shown on Figures 6a-6h. Historic groundwater elevations are on Table 3.

Soil

Confirmation soil borings CGP1-CGP5 were installed on October 26, 2021 in areas of highest soil contamination previously identified by Northern Environmental in 2002 and 2003. As described in the January 6, 2022 Update Report, all of the additional samples were significantly lower in concentration than those collected by Northern Environmental, excepting sample CGP1, 4-6'. This sample contained 198,000 ug/kg Tetrachloroethylene (PCE) and 373 ug/kg Trichloroethylene (TCE). This area was re-sampled on April 14, 2022 for Toxicity Charicterization Leaching Procedure (TCLP) and contained 864 ug/L PCE, which exceeds the regulatory level of 700 ug/L. At 4-6 feet below land surface (bls), this soil is out of the area of direct contact threat. Soil samples from 0-4 feet bls field screened at 0.0 on the PID. Surrounding soils have demonstrated decreases as a result of the CAP 18 injection and reductive dichlorination. Groundwater has demonstrated a stable or decreasing trend, therefore this soil should be allowed to remain in place. Soil sampling results are on Tables 1a and 1b.

Emerging Contaminants

REI acquired historical city directories from 1963-2017 and Sanborn fire insurance maps from 1907, 1936, 1950, and 1970 for the property. In 1963, the site was known as Summ's Cities Service Center gas station. In 1968 and 1972, the site was One Hour Martinizing (dry cleaning). There is no listing in 1977 or 1982. In 1987, 1992, and 1995, the site was Auntie Q's Antiques. There is no listing in

2000, 2005, or 2010. In 2014, the site is known as Upholstery Shop and Household Consignment. There is no listing in 2017.

The Sanborn map from 1907 shows the parcel as platted but undeveloped. The site is a "filling station" in 1936, and 1950. The 1970 Sanborn map shows only a "Commercial" building and lists a stone foundation.

Based on the historical evidence, the site operated as a one-hour dry cleaner for less than ten (10) years. There is no evidence of waterproofing, coating, adhesive, cleaners, detergents or cosmetics that are indicative of the potential for Perfluoroalkyl substances (PFAS), or 1,4 Dioxane use.

Historical information is included in Attachment E.

Conclusion and Recommendations

The CAP 18 injection has been successful in enhancing reductive dechlorination at the site. Levels of PCE and TCE have shown a consistent decrease since the injection. Levels of daughter products cis and trans-1,2 DCE, and vinyl chloride have increased as a result, but have shown stabilization.

Vapor sampling has shown that the mitigation system is effective in eliminating the vapor intrusion pathway into the on-site building. Adjacent structures are not being affected by residual contamination in the soil and groundwater.

The Responsible Party has continued to fulfill his obligations to protect the health of future landowners and adjacent property owners. Costs for the project have been personal expense since the lack of DERF funding became evident. Closure of the site appears achievable with the appropriate Continuing Obligations.

Thank you for your assistance with this project. Please contact me to discuss further at (715) 675-9784 or email me at Adelforge@REIengineering.com.

Sincerely,
REI Engineering, Inc.

Andrew R. Delforge, P.G.
Senior Hydrogeologist/Project Manager

CC: Ken Juza, 1478 Norfield Road, Suamico, WI 54173

Enclosures

TABLE 1a
INVESTIGATIVE VOC SOIL ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

Date-->				***8/26/98***	***8/26/98***	***8/26/98***	***8/25/98***	***10/10/02***	***10/10/02***	***10/10/02***	***10/10/02***	***10/10/02***	***10/10/02***	***10/10/02***	***10/10/02***	***10/10/02***	***10/10/02***	***11/19/02***	***11/19/02***
Boring-->				***B100***	***B200***	***B300***	***B400***	***B500***	***B600***	***B700***	***B800***	***B900***	***B1000***	***B1100***	***B1200***	***B1300***	***B1400***	***B1500***	***B1600***	***B1800***
Sample Depth--(Feet)>				***2.5-4.5***	***2.5-4.5***	***2.5-4.5***	***2.5-4.5***	***2-4***	***2-4***	***0-2***	***02-***	***2-4***	***0-2***	***2-4***	***4-6***	***2-4***	***0-2***	***0-2***	***4-6***	***4-6***
Sampler -->				***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***
Chlorinated VOC's (ug/kg)	NR 605.08	NTEDC	GW																	
cis-1,2-Dichloroethylene	NS	156,000	41.2	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<20,800	<25	<5,000	<25
trans-1,2-Dichloroethylene	NS	1,560,000	58.8	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<20,800	<25	<5,000	<25
Tetrachloroethene	NS	30,700	4.50	**29**	**190**	<25	<25	**13,300**	**452**	**2,040**	**469**	**9,090**	**63**	**71**	**220**	<25	**124,000**	<25	**48,100**	<25
Trichloroethene	NS	1,260	3.6	<25	<25	<25	<25	<25	<25	<25	<25	**37.4**	<25	<25	<25	<25	<20,800	<25	<5,000	<25
Vinyl Chloride	NS	67	0.1	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<20,800	<25	<5,000	<25
TCLP Tetraclorothene (ug/L)	700	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Date-->				***11/19/02***	***11/19/02***	***11/19/02***	***11/19/02***	***11/19/02***	***3/21/03***	***3/21/03***	***3/21/03***	***3/21/03***	***3/21/03***	***3/21/03***	***3/21/03***	***3/21/03***	***3/21/03***	***3/21/03***
Boring-->				***B1900***	***B2000***	***B2100***	***B2200***	***B2300***	***B2400***	***B2500***	***B2600***	***B2700***	***B2800***	***B2900***	***B3000***	***B3100***	***B3300***	***B3400***	***B3500***
Sample Depth--(Feet)>				***4-6***	***2.5-4.5***	***2.5-4.5***	***0-2***	***0-2***	***2-4***	***0-2***	***2-4***	***4-6***	***0-2***	***4-6***	***0-2***	***4-6***	***2-4***	***2-4***	***2-4***
Sampler -->				***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***	***Northern***
Chlorinated VOC's (ug/kg)	NR 605.08	NTEDC	GW																
cis-1,2-Dichloroethylene	NS	156,000	41.2	<2,080	<25	<25	<25	<25	NA	<25	<25	NA	NA	NA	<25	<25	<25	<25	<25
trans-1,2-Dichloroethylene	NS	1,560,000	58.8	<2,080	<25	<25	<25	<25	NA	<25	<25	NA	NA	NA	<25	<25	<25	<25	<25
Tetrachloroethene	NS	30,700	4.50	**25,900**	<25	<25	**51.6**	**131**	NA	<25	<25	NA	NA	NA	**32.8**	<25	<25	<25	<25
Trichloroethene	NS	1,260	3.6	<2,080	<25	<25	<25	<25	NA	<25	<25	NA	NA	NA	<25	<25	<25	<25	<25
Vinyl Chloride	NS	67	0.1	<2,080	<25	<25	<25	<25	NA	<25	<25	NA	NA	NA	<25	<25	<25	<25	<25
TCLP Tetraclorothene (ug/L)	700	NS	NS	NA	NA	NA	NA	NA	322	NA	NA	19	*1,530*	*1,850*	NA	NA	NA	NA	NA

Notes:

NR 605.08 - TCLP Regulatory Limit
NTEDC - Not To Exceed Direct Contact Residual Contaminant Level (RCL)
GW - RCL Protective of Groundwater Quality
< - Concentration below listed laboratory detection limit
TCLP Exceedances are italic *Italic*
GW RCL exceedences are bold **Bold**
NTEDC RCL exceedances are outlined in bold **Bold**
NS - No Standard
NA - Not Analyzed
j - Estimated Value between detection limit and quantification limit

TABLE 1b
CONFIRMATION VOC SOIL ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			Date-->	***10/26/21***	***10/26/21***	***10/26/21***	***10/26/21***	***10/26/21***
			Boring-->	***CGP1***	***CGP2***	***CGP3***	***CGP4***	***CGP5***
			Sample Depth--(Feet)>	***4-6***	***4-6***	***4-6***	***2-4***	***2-4***
Petroleum VOC's (ug/kg)	NR 605.08	NTEDC	GW					
Benzene	-	1,490	5.1	<63.3	<17.1	<14.2	<17.3	<13.2
Bromobenzene	-	354,000	NS	<104	<28.0	<23.2	<28.4	<21.7
Bromochloromethane	-	232,000	NS	<72.8	<19.7	<16.3	<19.9	<15.2
Bromodichloromethane	-	390	0.3	<63.3	<17.1	<14.2	<17.3	<13.2
Bromoform	-	61,500	2.3	<1170	<316	<262	<320	<244
Bromomethane	-	10,300	5.1	<373	<101	<83.4	<102	<77.8
n-Butylbenzene	-	108,000	NS	<122	<32.9	<27.2	<33.3	<25.4
sec-Butylbenzene	-	145,000	NS	<64.9	<17.5	<14.5	<17.8	<13.5
tert-Butylbenzene	-	183,000	NS	<83.5	<22.5	<18.7	<22.9	<17.4
Carbon Tetrachloride	-	854	3.9	<58.5	<15.8	<13.1	<16.0	<12.2
Chlorobenzene	-	392,000	NS	<31.8	<8.6	<7.1	<8.7	<6.7
Chloroethane	-	NS	226.6	<112	<30.3	<25.1	<30.7	<23.4
Chloroform	-	423	3.3	<190	<51.4	<42.6	<52.1	<39.8
Chloromethane	-	171,000	15.5	<101	<27.3	<22.6	<27.7	<21.1
2-Chlorotoluene	-	NS	NS	<86.1	<23.3	<19.3	<23.6	<18.0
4-Chlorotoluene	-	NS	NS	<101	<27.3	<22.6	<27.7	<21.1
1,2 Dibromo-3-chloropropane	-	8	0.2	<206	<55.7	<46.1	<56.5	<43.1
Dibromochloromethane	-	933	32	<909	<245	<203	<249	<190
1,2-Dibromoethane	-	47	0.0282	<72.8	<19.7	<16.3	<19.9	<15.2
Dibromomethane	-	35,000	NS	<78.7	<21.2	<17.6	<21.6	<16.4
1,2-Dichlorobenzene	-	376,000	1,168	<82.4	<22.2	<18.4	<22.6	<17.2
1,3-Dichlorobenzene	-	297,000	1,152.8	<72.8	<19.7	<16.3	<19.9	<15.2
1,4-Dichlorobenzene	-	3,480	144	<72.8	<19.7	<16.3	<19.9	<15.2
Dichlorodifluoromethane	-	135,000	3,086.3	<114	<30.9	<25.6	<31.3	<23.9
1,1-Dichloroethane	-	4,720	482.8	<68.1	<18.4	<15.2	<18.6	<14.2
1,2-Dichloroethane	-	608	2.8	<61.1	<16.5	<13.7	<16.7	<12.8
1,1-Dichloroethylene	-	342,000	5	<88.3	<23.8	<19.7	<24.2	<18.4
cis-1,2-Dichloroethylene	-	156,000	41.2	<56.9	<15.4	<12.7	<15.6	<11.9
trans-1,2-Dichloroethylene	-	1,560,000	58.8	<57.4	<15.5	<12.8	<15.7	<12.0
1,2-Dichloropropane	-	1,330	3.3	<63.3	<17.1	<14.2	<17.3	<13.2
1,3-Dichloropropane	-	1,490,000	NS	<58.0	<15.6	<13.0	<15.9	<12.1
2,2-Dichloropropane	-	527,000	NS	<71.8	<19.4	<16.1	<19.7	<15.0
1,1-Dichloropropylene	-	NS	NS	<86.1	<23.3	<19.3	<23.6	<18.0
cis-1,3-Dichloropropylene	-	1,220,000	NS	<175	<47.4	<39.2	<48.1	<36.6
trans-1,3-Dichloropropylene	-	1,570,000	NS	<760	<205	<170	<208	<159
(di)isopropyl ether	-	2,260,000	NS	<65.9	<17.8	<14.7	<18.1	<13.8
Ethylbenzene	-	7,470	1,570	<63.3	<17.1	<14.2	<17.3	<13.2
Hexachloro (1,3) butadiene	-	6,220	NS	<529	<143	<118	<145	<110
Isopropylbenzene	-	NS	NS	<71.8	<19.4	<16.1	<19.7	<15.0
p-Isopropyltoluene	-	162,000	NS	<80.8	<21.8	<18.1	<22.1	<16.9
Methylene Chloride	-	60,700	2.6	<73.9	<20.0	<16.5	<20.2	<15.4
Methly tert Butyl Ether	-	59,400	27	<78.2	<21.1	<17.5	<21.4	<16.3
Naphthalene	-	5,150	658.2	<82.9	<22.4	<18.6	<22.7	<17.3
n-Propylbenzene	-	NS	NS	<63.8	<17.2	<14.3	<17.5	<13.3
Styrene	-	867,000	220	<68.1	<18.4	<15.2	<18.6	<14.2
1,1,1,2-Tetrachloroethane	-	2,590	53.4	<63.8	<17.2	<14.3	<17.5	<13.3
1,1,2,2-Tetrachloroethane	-	753	0.2	<96.2	<26.0	<21.5	<26.4	<20.1
Tetrachloroethene	-	30,700	4.50	**198,000**	**148**	<23.1	**536**	<21.5
Toluene	-	818,000	1,107.2	<67.0	<18.1	<15.0	<18.3	<14.0
1,2,3-Trichlorobenzene	-	48,900	NS	<296	<79.9	<66.2	<81.1	<61.9
1,2,4-Trichlorobenzene	-	22,000	408	<219	<59.1	<49.0	<60.0	<45.8
1,1,1-Trichloroethane	-	640,000	140.2	<68.1	<18.4	<15.2	<18.6	<14.2
1,1,2-Trichloroethane	-	1,480	3.2	<96.8	<26.1	<21.6	<26.5	<20.2
Trichloroethene	-	1,260	3.6	**373**	<26.8	<22.2	<27.2	<20.8
Trichlorofluoromethane	-	1,120,000	4,475.8	<77.1	<20.8	<17.2	<21.1	<16.1
1,2,3-Trichloropropane	-	5	51.9	<129	<34.9	<28.9	<35.4	<27.0
1,2,4-Trimethylbenzene	-	89,800	1,382.1	<79.2	<21.4	<17.7	<21.7	<16.5
1,3,5-Trimethylbenzene	-	182,000		<85.6	<23.1	<19.1	<23.4	<17.9
Vinyl Chloride	-	67	0.1	<53.7	<14.5	<12.0	<14.7	<11.2
Xylenes (Total)	-	258,000	3,940	<199.8	<51.8	<32.9	<52.5	<40.1
TCLP Tetraclorothene (ug/L)	700	NS	NS	**862**	NA	NA	NA	NA

Notes:

NTEDC - Not To Exceed Direct Contact Residual Contaminant Level (RCL)

GW - RCL Protective of Groundwater Quality

< - Concentration below listed laboratory detection limit

GW RCL exceedences are bold **Bold**

NTEDC RCL exceedances are outlined in bold **Bold**

NS - No Standard

NA - Not Analyzed

j - Estimated Value between detection limit and quantification limit

TABLE 2a
MW100 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW100																
PARAMETER	**ES**	**PAL**	***8/31/98***	***3/23/00***	***5/21/01***	***12/4/02***	***8/16/07***	***4/10/08***	***5/12/19***	***6/8/10***	***9/28/10***	***10/30/18***	***Cap 18 Injection - 6/19-6/20/19***	***10/28/19***	***2/5/20***	***5/13/20***	***9/3/20***	***8/31/20***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)																				
Acetone	9	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	<864	<432	<432
Benzene	5	0.5	<32	<10	<38	<77.5	<16	<20.5	<16.4	<32	<20	<12.3		<12.3	<24.6	<24.6	<24.6	<29.5	<14.8	<14.8
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	<652	<326	<326
Ethylbenzene	700	140	NDA	NDA	NDA	<125	<22	<27	<21.6	<80	<50	<10.9		<10.9	<21.8	<31.9	<31.9	<32.5	<16.3	<16.3
Naphthalene	100	10	NDA	NDA	NDA	<200	<30	<37	<35.6	*75*	<25	<58.8		<58.8	<118	<118	<118	<113	<56.5	<56.5
Methyl-tert-Butyl Ether	60	12	NDA	NDA	NDA	<75	<24	<30.5	<24.4	<80	<50	<62.3		<62.3	<125	<125	<125	<113	<56.5	<56.5
Toluene	800	160	<35	<10	<26	<75	<27	<33.5	<26.8	<80	<50	<8.6		<8.6	<17.2	<26.9	<26.9	<28.8	<14.4	<14.4
cis-1,2-Dichloroethene	70	7	**200**	**230**	**400**	**285**	**3,300**	**1,530**	**2,200**	**8,200**	**1,400**	**1,500**		**11,900**	**13,600**	**5,470**	**10,300**	**4,100**	**3,120**	**2,820**
trans-1,2-Dichloroethene	100	20	<38	<25	<70	<97.5	**800**	**403**	**574**	**1,900**	**490**	**654**		**734**	**601**	**667**	**537**	**435**	**501**	**358**
Vinyl Chloride	0.2	0.02	<15	<25	<38	<50	<7.2	<9.0	<7.2	<32	<20	<8.7		**46.9j**	**64.2**	<17.5	**44.2j**	**19.7j**	**29.8j**	**25.2j**
Tetrachloroethene	5	0.5	**10,000**	**10,000**	**26,000**	**4,930**	**1,300**	**5,410**	**3,170**	**440**	**5,900**	**6,580**		**421**	**95.2j**	<32.6	**96.8j**	<40.9	<14.4	**36.4j**
Trichloroethene	5	0.5	**3,800**	**2,300**	**8,200**	**1,050**	**5,800**	**3,640**	**3,200**	**3,200**	**1,900**	**4,150**		**319**	**298**	<25.5	**103**	<32.0	**16.8j**	**20.5j**
Total Trimethylbenzenes	480	96	NDA	NDA	NDA	<177.5	<72	<90	<72	<64	<40	<85.7		<85.7	<171.4	<171.4	<171.4	<80.6	<40.3	40
Total Xylenes	2,000	400	NDA	NDA	NDA	<230	<105	<131.5	<72	<80	<50	<36.4		<36.4	<72.7	<72.7	<72.7	<104.8	<52.4	52.4
Geochemical Indicator Parameters																				
Ferrous Iron (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.028		1.7	16.6	4.6	6.3	0.69j	0.3	40.8
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.38		<0.075	<0.22	<0.22	<0.22	<0.22	NA	NA
Chloride (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	64.8		63.6	60.2	48.1	56.0	47.1	NA	46.7
Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	49.9		4.9	<2.2	2.7j	2.7j	<2.2	NA	16.8
Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	0.350		0.125	0.457	0.350	0.365	0.483	0.435	0.557
Dissolved Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA	0.34	0.32	NA		NA	NA	NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA	NA	NA	NA	370	280	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA	NA	NA	NA	2.2	0.4	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA	47	42	NA		NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA	NA	NA	NA	6.00	6.23	7.4		90.5	84.7	47.6	47.6	47.6	12.9	22.3
Dissolved Ethane (ug/L)			NA	NA	NA	NA	NA	NA	NA	<14	<14	<0.58		2.3j	<1.2	<1.2	<1.2	<0.39	<0.39	<0.39
Dissolved Ethene (ug/L)			NA	NA	NA	NA	NA	NA	NA	<11	<11	<0.52		<1.2	1.5j	2.5j	1.6j	<0.25	<0.25	<0.25
Dissolved Methane (ug/L)			NA	NA	NA	NA	NA	NA	NA	3,150	471	770		800	2,210	11,100	9,370	3,300	5,230	4,400
Field Parameters																				
Temperature (^oF)			NA	NA	NA	NA	NA	NA	NA	59.79	69.49	63.40		NA*	NA*	54.70	66.1	64.1	59.9	45.4
Conductivity (ms/cm)			NA	NA	NA	NA	NA	NA	NA	848	891	958		NA*	NA*	921	1,116	1,208	1,439	1,357
Dissolved Oxygen (mg/L)			NA	NA	NA	NA	NA	NA	NA	0.30	0.43	7.03		NA*	NA*	1.29	0.86	2.69	1.40	2.80
pH			NA	NA	NA	NA	NA	NA	NA	7.10	7.01	7.08		NA*	NA*	6.80	6.79	6.86	7.35	7.10
Redox Potential (mV)			NA	NA	NA	NA	NA	NA	NA	-47	-10.4	-90.6		NA*	NA*	-91.90	-106.70	-13.8	87.4	114.1

NDA = No Data Available, laboratory reports not provided
PAL = Preventive Action Limit
ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
< - Concentration less than listed detection limit
j - Estimated Value between detection limit and quantification limit
*NA - Field Measurements not collected, CAP 18 Oil in well

TABLE 2b
MW200 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW200																
PARAMETER	**ES**	**PAL**	***8/31/98***	***3/23/00***	***5/21/01***	***12/4/02***	***8/16/07***	***4/10/08***	***5/12/09***	***6/8/10***	***9/28/10***	***10/30/18***		***10/28/19***	***2/5/20***	***5/13/20***	***9/3/20***	***8/31/21***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)																				
Acetone	9	1.8	NA	NA	NA	NA	Dry	NA	NA	NA	NA	Dry	***Cap 18 Injection - 6/19-6/20/19***	NA	NA	NA	NA	<17.3	<43.2	<43.2
Benzene	5	0.5	1.4	<1.0	<1.4	<31		<16.4	<10.2	<8	<5			<0.25	<0.25	<0.25	<2.5	<0.59	<1.5	<1.5
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA		NA	NA	NA	NA			NA	NA	NA	NA	<13.0	<32.6	<32.6
Ethylbenzene	700	140	NDA	NDA	NDA	<50		<21.6	<13.5	<20	<13			<0.22	<0.22	<0.32	<3.2	<0.65	<1.6	<1.6
Naphthalene	100	10	NDA	NDA	NDA	<80		<29.6	<22.2	<10	<6.3			<1.2	<1.2	<1.2	<11.8	<2.3	<5.6	<5.6
Methyl-tert-Butyl Ether	60	12	NDA	NDA	NDA	<30		<24.4	<15.2	<20	<13			<1.2	<1.2	<1.2	<12.5	<2.3	<5.6	<5.6
Toluene	800	160	<0.35	<1.0	<0.65	<30		<26.8	<16.8	<20	<13			<0.17	<0.17	<0.27	<2.7	<0.58	<1.4	<1.4
1,1-Dichloroethene	7	0.7	<0.27	<0.27	<0.27	<0.27		<0.27	<0.27	<0.27	<0.27			0.36j	0.60j	<0.24	<2.4	<1.2	<2.9	<2.9
cis-1,2-Dichloroethene	70	7	**310**	**270**	**210**	**188**		**78.7**	*35.4*	**420**	**330**			**117**	**437**	**90.0**	**512**	**239**	**456**	**258**
trans-1,2-Dichloroethene	100	20	*93*	**330**	**450**	**171**		**116**	*41.3*	**590**	**360**			*64.9*	**460**	*58.9*	**670**	**334**	**688**	**519**
Vinyl Chloride	0.2	0.02	<1.5	<2.5	**1.3j**	<20		<7.2	<4.5	<8	<5			**0.22j**	**1.8**	**0.32j**	**22.9**	**14.5**	**32.0**	**44.1**
Tetrachloroethene	5	0.5	**140**	**8.9**	**200**	**233**		**4,100**	**2,370**	**350**	**130**			<0.33	<0.33	<0.33	<3.3	*0.99j*	<2.0	<2.0
Trichloroethene	5	0.5	**520**	**170**	**210**	**89**		**1,660**	**590**	**1,900**	**1,500**			*3.9*	*1.3*	**5.3**	<2.6	<0.64	<1.6	<1.6
Total Trimethylbenzenes	480	96	NDA	NDA	NDA	<71		<72	<45	<16	<10			<1.71	<1.71	<1.71	<1.71	<1.61	<4	<4
Total Xylenes	2,000	400	NDA	NDA	NDA	<92		<105.2	<45	<20	<13			<0.73	<0.73	<0.73	<0.73	<2.14	<5.2	<5.2
Geochemical Indicator Parameters																				
Ferrous Iron (mg/L)			NA	NA	NA	NA		NA	NA	NA	NA			<0.028	<0.021	<0.021	NA*	0.70	0.18	0.85
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA		NA	NA	NA	NA			<0.075	<0.22	<0.044	NA*	<0.22	<0.22	NA
Chloride (mg/L)			NA	NA	NA	NA		NA	NA	NA	NA			49.7	75.3	19.7	NA*	63.0	71.8	78.2
Sulfate (mg/L)			NA	NA	NA	NA		NA	NA	NA	NA			2.7j	2.5j	<0.44	NA*	<2.2	3.2j	13.5
Manganese (mg/L)			NA	NA	NA	NA		NA	NA	NA	NA			0.125	0.331	0.169	NA*	0.312	0.845	0.543
Dissolved Manganese (mg/L)			NA	NA	NA	NA		NA	NA	0.19	0.16			NA	NA	NA	NA*	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA		NA	NA	430	310			NA	NA	NA	NA*	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA		NA	NA	<0.024	<0.024			NA	NA	NA	NA*	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA		NA	NA	56	29			NA	NA	NA	NA*	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA		NA	NA	20.80	12.30			10.0	49.1	23.5	NA*	6.6	9.4	9.4
Dissolved Ethane (ug/L)			NA	NA	NA	NA		NA	NA	<14	<14			<1.2	<1.2	<1.2	NA*	<0.39	<0.39	<0.39
Dissolved Ethene (ug/L)			NA	NA	NA	NA		NA	NA	<11	<11			<1.2	<1.2	<1.2	NA*	<0.25	<0.25	8.1
Dissolved Methane (ug/L)			NA	NA	NA	NA		NA	NA	40	41.3			207	2,470	4,870	NA*	5,720	5,720	8,630
Field Parameters																				
Temperature (^oF)			NA	NA	NA	NA		NA	NA	56.93	58.77			58.6	41.3	41.3	65.5	67.6	58.3	43.6
Conductivity (ms/cm)			NA	NA	NA	NA		NA	NA	977	788			714	826	826	1,799	1,675	2,201	2,035
Dissolved Oxygen (mg/L)			NA	NA	NA	NA		NA	NA	0.59	0.45			0.38	1.26	1.26	0.99	1.37	1.97	1.78
pH			NA	NA	NA	NA		NA	NA	6.99	6.84			7.12	7.19	7.19	6.80	6.74	7.27	6.89
Redox Potential (mV)			NA	NA	NA	NA		NA	NA	-285	-264.0			-134.5	-68.1	-68.1	-100.5	-82.2	-86.6	-99.9

NDA = No Data Available, laboratory reports not provided
PAL = Preventive Action Limit
ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
< - Concentration less than listed detection limit
j - Estimated Value between detection limit and quantification limit
*MW200 did not contain enough water to analyze for inorganics on 9/3/20

TABLE 2c
MW300 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW300														
PARAMETER	**ES**	**PAL**	***8/31/98***	***3/23/00***	***5/21/01***	***12/4/02***	***8/16/07***	***4/10/08***	***5/12/09***	***6/8/10***	***9/28/10***	***10/30/18***	***Cap 18 Injection - 6/19-6/20/19***	***10/28/19***	***2/5/20***	***5/13/20****	***9/3/20****
Detected VOC's (ug/L)																	
Benzene	5	0.5	<0.32	<0.10	*0.92*	<0.31	<4.1	<20.5	<10.2	<10	<10	<0.25		Injection Oil in Well, No H2O Present	Injection Oil in Well, No H2O Present	<1.2	<1.2
Ethylbenzene	700	140	NDA	NDA	NDA	<0.5	<5.4	<27	<13.5	<25	<25	<0.22				<1.6	<1.6
Naphthalene	100	10	NDA	NDA	NDA	<80	<29.6	<29.6	<22.2	<13	<13	<1.2				<5.9	<5.9
Methyl-tert-Butyl Ether	60	12	NDA	NDA	NDA	<0.3	<6.1	<30.5	<15.2	<25	<25	<1.2				<6.2	<6.2
Toluene	800	160	<0.35	<0.10	0.34	<0.30	<6.7	<33.5	<16.8	<25	<25	<0.17				<1.3	<1.3
cis-1,2-Dichloroethene	70	7	**50**	*18*	**36**	**24.4**	**360**	**266**	**520**	**630**	**620**	**461**				**354**	**268**
trans-1,2-Dichloroethene	100	20	*75*	*18*	*39*	7.13	**670**	**492**	**1,100**	**930**	**790**	**438**				**443**	**371**
Vinyl Chloride	0.2	0.02	<0.15	<0.25	**0.61**	<0.2	<1.8	<9.0	<4.5	<10	<10	**0.55j**				**29.4**	**21.2**
Tetrachloroethene	5	0.5	*2.4*	**5.2**	<0.85	*2.85*	**1,200**	**5,350**	**1,750**	**2,200**	**2,000**	**8.4**				*3.6j*	**8.8**
Trichloroethene	5	0.5	*2.4*	**12**	*2*	*3.61*	**1,000**	**1,200**	**1,190**	**3,400**	**3,700**	*3.2*				*1.4j*	*1.5j*
Total Trimethylbenzenes	480	96	NDA	NDA	NDA	<0.71	<19	<90	<45	<20	<20	<1.71				<8.6	<8.6
Total Xylenes	2,000	400	NDA	NDA	NDA	<0.92	<26.3	<131.5	<45	<25	<25	<0.73				<3.6	<3.6
Geochemical Indicator Parameters																	
Ferrous Iron (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.028				2.2	NA
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.38				<0.22	NA
Chloride (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	57.6				67.7	NA
Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	35.5				<2.2	NA
Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	0.217				0.804	NA
Dissolved Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA	0.19	0.16	NA				NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA	NA	NA	NA	430	310	NA				NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA	NA	NA	NA	<0.024	<0.024	NA				NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA	56	29	NA				NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA	NA	NA	NA	20.80	12.30	11.6				494	NA
Dissolved Ethane (ug/L)			NA	NA	NA	NA	NA	NA	NA	<14	<14	<0.58				8.7	<1.2
Dissolved Ethene (ug/L)			NA	NA	NA	NA	NA	NA	NA	<11	<11	<0.52				<1.2	1.9j
Dissolved Methane (ug/L)			NA	NA	NA	NA	NA	NA	NA	40	41.3	4.0				13,700	11,200
Field Parameters																	
Temperature (^oF)			NA	NA	NA	NA	NA	NA	NA	56.93	58.77	61.5				Not	66.3
Conductivity (ms/cm)			NA	NA	NA	NA	NA	NA	NA	977	788	873				Measured	1,616
Dissolved Oxygen (mg/L)			NA	NA	NA	NA	NA	NA	NA	0.59	0.45	5.69				Oil in	0.31
pH			NA	NA	NA	NA	NA	NA	NA	6.99	6.84	6.98				Well	6.14
Redox Potential (mV)			NA	NA	NA	NA	NA	NA	NA	-285	-264.0	-78.7					-31.0

NDA = No Data Available, laboratory reports not provided

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

* - CAP 18 Oil present in well, sample collected from groundwater below oil

TABLE 2d
MW400 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW400									
PARAMETER	**ES**	**PAL**	***8/31/98***	***3/23/00***	***5/21/01***	***12/4/02***	***8/16/07***	***4/10/08***	***5/12/09***	***6/8/10***	***9/28/10***	***10/30/18***
Detected VOC's (ug/L)												
Benzene	5	0.5	<0.32	<0.40	*<1.4*	<31	<10	<20.5	<41	<32	<20	Destroyed by Road Resconstruction
Ethylbenzene	700	140	NDA	NDA	NDA	<50	<14	<27	<54	<80	<50	
Naphthalene	100	10	NDA	NDA	NDA	<80	<18	<37	<89	<40	<25	
Methyl-tert-Butyl Ether	60	12	NDA	NDA	NDA	<30	<15	<30.5	<61	<80	<50	
Toluene	800	160	<0.35	<0.40	<0.65	<30	<17	<33.5	<67	<80	<50	
cis-1,2-Dichloroethene	70	7	**120**	**81**	**190**	**214**	**1,400**	**1,920**	**3,010**	**2,400**	**2,300**	
trans-1,2-Dichloroethene	100	20	**280**	**170**	**400**	**258**	**1,200**	**1,280**	**1,970**	**1,400**	**1,400**	
Vinyl Chloride	0.2	0.02	<0.15	<1.0	**1.4j**	<20	<4.5	<9.0	<18	<32	<20	
Tetrachloroethene	5	0.5	**34**	**21**	**120**	**526**	**3,500**	**1,830**	**83**	**6,000**	**6,500**	
Trichloroethene	5	0.5	**77**	**55**	**120**	**140**	**5,100**	**8,910**	**8,660**	**8,660**	**7,100**	
Total Trimethylbenzenes	480	96	NDA	NDA	NDA	<71	<65	<90	<180	<64	<40	
Total Xylenes	2,000	400	NDA	NDA	NDA	<92	<66	<131.5	<180	<80	<50	
Geochemical Indicator Parameters												
Ferrous Iron (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloride (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dissolved Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA	0.19	0.16	
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA	NA	NA	NA	430	310	
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA	NA	NA	NA	<0.024	<0.024	
Dissolved Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA	56	29	
Total Organic Carbon (mg/L)			NA	NA	NA	NA	NA	NA	NA	20.80	12.30	
Dissolved Ethane (ug/L)			NA	NA	NA	NA	NA	NA	NA	<14	<14	
Dissolved Ethene (ug/L)			NA	NA	NA	NA	NA	NA	NA	<11	<11	
Dissolved Methane (ug/L)			NA	NA	NA	NA	NA	NA	NA	40	41.3	
Field Parameters												
Temperature (^oF)			NA	NA	NA	NA	NA	NA	NA	56.93	58.77	
Conductivity (ms/cm)			NA	NA	NA	NA	NA	NA	NA	977	788	
Dissolved Oxygen (mg/L)			NA	NA	NA	NA	NA	NA	NA	0.59	0.45	
pH			NA	NA	NA	NA	NA	NA	NA	6.99	6.84	
Redox Potential (mV)			NA	NA	NA	NA	NA	NA	NA	-285	-264.0	

NDA = No Data Available, laboratory reports not provided

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

TABLE 2e
MW600/MW600r GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW600			*MW600r*					
PARAMETER	**ES**	**PAL**	***9/28/10***	***10/30/18***		***10/28/19***	***2/5/20***	***5/13/20****	***9/3/20***	***8/31/21***	***11/17/21***
Detected VOC's (ug/L)				Destroyed by Road Resconstruction	***Cap 18 Injection - 6/19-6/20/19***						
Acetone	9	1.8	NA			NA	NA	NA	NA	<8.6	<8.6
Benzene	5	0.5	**39**			*3.3*	**17.8**	<0.25	*0.51j*	<0.30	<0.30
2-Butanone (MEK)	4	0.4	NA			NA	NA	NA	NA	<6.5	<6.5
Ethylbenzene	700	140	<2			<0.22	<0.22	<0.32	<0.32	<0.33	<0.33
Naphthalene	100	10	<1			<1.2	<1.2	<1.2	<1.2	<1.1	<1.1
Methyl-tert-Butyl Ether	60	12	**250**			**61.8**	**140**	<1.2	**128**	1.8j	**115**
Toluene	800	160	<2			<0.17	<0.17	<0.27	<0.27	<0.29	<0.29
cis-1,2-Dichloroethene	70	7	<2			0.41j	<0.27	<0.27	<0.27	<0.47	<0.47
trans-1,2-Dichloroethene	100	20	<2			<1.1	<1.1	<0.46	<0.46	<0.53	<0.53
Vinyl Chloride	0.2	0.02	<0.8			**0.28j**	<0.17	<0.17	<0.17	<0.17	<0.17
Tetrachloroethene	5	0.5	<2			<0.33	<0.33	<0.33	<0.33	<0.41	<0.41
Trichloroethene	5	0.5	<0.8			<0.26	<0.26	<0.26	<0.26	<0.32	<0.32
Total Trimethylbenzenes	480	96	<1.6			<1.71	<1.71	<1.71	<1.71	<0.81	<0.81
Total Xylenes	2,000	400	<2			<0.73	<0.73	<0.73	<0.73	<1.05	<1.05
Geochemical Indicator Parameters											
Ferrous Iron (mg/L)			NA			<0.14	<0.021	<0.021	<0.021	0.069	0.420
Nitrate-Nitrogen (mg/L)			NA			1.2	0.087j	<0.44	<0.22	14.1	<0.22
Chloride (mg/L)			NA			350	405	491	469	78.7	445
Sulfate (mg/L)			NA			231	194	194	194	37.6	241
Manganese (mg/L)			NA			0.721	0.947	0.964	0.920	0.344	0.750
Dissolved Manganese (mg/L)			NA			NA	NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA			NA	NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA			NA	NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA			NA	NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA			3.2	4.7	5.5	NA	3.2	8.5
Dissolved Ethane (ug/L)			NA			<1.2	7.4	3.2j	3.7j	<0.39	10.2
Dissolved Ethene (ug/L)			NA			<1.2	<1.2	<1.2	<1.2	<0.25	<0.25
Dissolved Methane (ug/L)			NA			75.8	2,110	1,330	1,330	<0.58	1,630
Field Parameters											
Temperature (^oF)			54.63			56.50	44.60	48.80	62.00	69.1	58.8
Conductivity (ms/cm)			1,139			1,992	2,954	2,621	2,415	1,438	3,140
Dissolved Oxygen (mg/L)			0.73			9.04	1.24	1.17	3.10	1.77	3.44
pH			7.19			7.14	6.83	6.94	6.89	7.21	7.24
Redox Potential (mV)			61.0			78.7	75.4	50.1	28.3	54.9	-20.3

NDA = No Data Available, laboratory reports not provided

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

*VOC data suggests that MW600r and MW1000 were transposed on 5/13/20

TABLE 2f
MW1000 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW1000														
PARAMETER	**ES**	**PAL**	***4/29/97***	***3/23/00***	***5/21/02***	***12/4/02***	***6/9/10***	***9/28/10***	***10/30/18***	***Cap 18 Injection - 6/19-6/20/19***	***10/28/19***	***2/5/20***	***5/13/20****	***9/3/20***	***8/31/21***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)																	
Acetone	9	1.8	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	<8.6	<8.6	<8.6
Benzene	5	0.5	<0.21	<0.10	<0.29	<0.31	<0.2	<0.2	<0.25		<0.25	<0.25	*1.4*	<0.25	<0.30	<0.30	<0.30
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	<6.5	<6.5	<6.5
Ethylbenzene	700	140	NDA	NDA	NDA	<0.5	<0.50	<0.50	<0.22		<0.22	<0.22	<0.32	<0.32	<0.33	<0.33	<0.33
Naphthalene	100	10	NDA	NDA	NDA	<0.8	<0.25	<0.25	<1.2		<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.1
Methyl-tert-Butyl Ether	60	12	NDA	NDA	NDA	<0.3	<0.50	<0.50	<1.2		<1.2	<1.2	**129**	<1.2	<1.1	<1.1	<1.1
Toluene	800	160	<1.5	<0.10	0.3j	<0.3	<0.50	<0.50	<0.17		<0.17	<0.17	<0.27	<0.27	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	70	7	<0.32	3.2	0.5j	0.245j	<0.50	<0.50	<0.27		<0.27	<0.27	<0.27	0.33j	<0.47	0.58j	1.6
trans-1,2-Dichloroethene	100	20	<0.11	<0.25	<0.35	<0.39	<0.50	<0.50	<1.1		<1.1	<1.1	<0.46	<0.46	<0.53	<0.53	<0.53
Vinyl Chloride	0.2	0.02	<0.045	<0.25	<0.19	<0.2	<0.2	<0.2	<0.17		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Tetrachloroethene	5	0.5	*0.63*	*2.7*	<0.85	*0.515j*	<0.50	<0.50	<0.33		<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	*0.89j*
Trichloroethene	5	0.5	0.47	**16**	*1.8*	*0.685j*	0.45j	<0.2	<0.26		<0.26	<0.26	<0.26	0.47j	<0.32	0.42j	0.47j
Total Trimethylbenzenes	480	96	NDA	NDA	NDA	<0.71	<0.4	<0.4	<1.71		<1.71	<1.71	<1.71	<1.71	<0.81	<0.81	<0.81
Total Xylenes	2,000	400	NDA	NDA	NDA	<0.92	<0.50	<0.50	<0.73		<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.05
Geochemical Indicator Parameters																	
Ferrous Iron (mg/L)			NA	NA	NA	NA	NA	NA	<0.028		<0.028	<0.021	<0.021	<0.021	0.046j	0.20	0.13
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA	NA	NA	3.7		2.7	1.4	2.2	0.42j	<0.044	NA	NA
Chloride (mg/L)			NA	NA	NA	NA	NA	NA	169		142	125	113	94.3	49.1	NA	126
Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	162		108	46.1	40.3	54.4	26.1	NA	52.6
Manganese (mg/L)			NA	NA	NA	NA	NA	NA	1.54		0.593	0.246	0.338	1.1	0.7	5.97	3.48
Dissolved Manganese (mg/L)			NA	NA	NA	NA	0.19	0.16	NA		NA	NA	NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA	430	310	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA	<0.024	<0.024	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA	56	29	NA		NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA	20.80	12.30	2.9		8.0	6.5	6.5	NA	7.2	7.3	4.7
Dissolved Ethane (ug/L)			NA	NA	NA	NA	<14	<14	<0.58		<1.2	<1.2	<1.2	<1.2	<0.39	<0.39	<0.39
Dissolved Ethene (ug/L)			NA	NA	NA	NA	<11	<11	<0.52		<1.2	<1.2	<1.2	<1.2	<0.25	<0.25	<0.25
Dissolved Methane (ug/L)			NA	NA	NA	NA	40	41.3	<1.4		<0.66	<0.66	<0.66	1.0j	<0.58	<0.58	<0.58
Field Parameters																	
Temperature (^oF)			NA	NA	NA	NA	54.63	64.00	60.2		59.2	45.1	49.0	62.4	62.1	59.1	43.7
Conductivity (ms/cm)			NA	NA	NA	NA	1,139	1,827	1,339		1,141	983	984	977	755	1,235	2,110
Dissolved Oxygen (mg/L)			NA	NA	NA	NA	0.73	1.95	1.58		1.07	0.85	1.42	2.84	0.91	4.81	5.57
pH			NA	NA	NA	NA	7.19	7.11	7.26		7.22	7.13	7.33	7.39	7.55	7.42	7.31
Redox Potential (mV)			NA	NA	NA	NA	61	90.9	109.1		150.2	19.2	15.8	-3.1	41.4	62.6	22.3

NDA = No Data Available, laboratory reports not provided
PAL = Preventive Action Limit
ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
< - Concentration less than listed detection limit
j - Estimated Value between detection limit and quantification limit
*VOC data suggests that MW600r and MW1000 were transposed on 5/13/20

TABLE 2g
MW2000 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW2000									*MW2000r*				
PARAMETER	**ES**	**PAL**	***12/4/02***	***4/1/03***	***8/16/07***	***4/10/08***	***5/12/09***	***6/9/10***	***9/28/10***	***10/30/18***	***Cap 18 Injection - 6/19-6/20/19***	***2/5/20***	***5/13/20***	***9/3/20***	***8/31/21***	***11/17/21***
Detected VOC's (ug/L)																
Acetone	9	1.8	NA	NA	NA	NA	NA	NA	NA	Destroyed by Road Resconstruction		NA	NA	NA	<8.6	<8.6
Benzene	5	0.5	<0.31	<0.31	<0.41	<0.41	<0.41	<0.20	<0.20			<0.25	<0.25	<0.25	<0.30	<0.30
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	<6.5	<6.5
Ethylbenzene	700	140	<0.5	<0.5	<0.54	<0.54	<0.54	<0.50	<0.50			<0.22	<0.32	<0.32	<0.33	<0.33
Naphthalene	100	10	<0.8	<0.8	<0.74	<0.74	<0.89	<0.25	<0.25			<1.2	<1.2	<1.2	<1.1	<1.1
Methyl-tert-Butyl Ether	60	12	<0.3	<0.3	<0.61	<0.61	<0.61	<0.50	<0.50			<1.2	<1.2	<1.2	<1.1	<1.1
Toluene	800	160	<0.3	<0.3	<0.67	<0.67	<0.67	<0.50	<0.50			<0.17	<0.27	<0.27	<0.29	<0.29
cis-1,2-Dichloroethene	70	7	<0.23	<0.23	<0.83	<0.83	<0.83	<0.50	<0.50			<0.27	<0.27	<0.27	<0.47	<0.47
trans-1,2-Dichloroethene	100	20	<0.396	<0.39	<0.89	<0.89	<0.89	<0.50	<0.50			<1.1	<0.46	<0.46	<0.53	<0.53
Vinyl Chloride	0.2	0.02	<0.2	<0.2	<0.18	<0.18	<0.18	<0.20	<0.20			<0.17	<0.17	<0.17	<0.17	<0.17
Tetrachloroethene	5	0.5	<0.32	<0.32	<0.45	<0.45	<0.45	<0.50	*3.2*			*0.69j*	0.43j	<0.33	<0.41	<0.41
Trichloroethene	5	0.5	<0.36	<0.36	<0.48	<0.48	<0.48	<0.20	*0.74*			<0.26	<0.26	<0.26	<0.32	<0.32
Total Trimethylbenzenes	480	96	<0.71	<0.71	<1.80	<1.80	<1.80	<0.40	<0.40			<1.71	<1.71	<1.71	<0.81	<0.81
Total Xylenes	2,000	400	<0.92	<0.92	<2.63	<2.63	<1.8	<0.50	<0.50			<0.73	<0.73	<0.73	<1.05	<1.05
Geochemical Indicator Parameters																
Ferrous Iron (mg/L)			NA	NA	NA	NA	NA	NA	NA			0.070	<0.021	<0.021	0.15	0.68
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA	NA	NA	NA			<0.22	<0.044	<0.22	NA	NA
Chloride (mg/L)			NA	NA	NA	NA	NA	NA	NA			34.1	31.0	33.6	38.6	NA
Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA			0.28	0.32	0.137	24.1	NA
Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA			32.4	32.4	32.4	0.188	0.222
Dissolved Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA	NA	NA	NA			8.8	8.7	NA	10.3	6.3
Dissolved Ethane (ug/L)			NA	NA	NA	NA	NA	NA	NA			<1.2	<1.2	<1.2	<1.2	<0.39
Dissolved Ethene (ug/L)			NA	NA	NA	NA	NA	NA	NA			<1.2	<1.2	<1.2	<1.2	<0.25
Dissolved Methane (ug/L)			NA	NA	NA	NA	NA	NA	NA			27.4	15.4	1,310	239	188
Field Parameters																
Temperature (^oF)			NA	NA	NA	NA	NA	NA	NA			45.3	47.9	58.0	58.9	57.4
Conductivity (ms/cm)			NA	NA	NA	NA	NA	NA	NA			629.7	675.5	745	676	803
Dissolved Oxygen (mg/L)			NA	NA	NA	NA	NA	NA	NA			4.69	1.60	0.29	0.51	1.68
pH			NA	NA	NA	NA	NA	NA	NA			7.40	7.28	7.28	7.22	7.60
Redox Potential (mV)			NA	NA	NA	NA	NA	NA	NA			-26.70	-96.4	-109.5	-123.7	-8.6

NDA = No Data Available, laboratory reports not provided
PAL = Preventive Action Limit
ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
< - Concentration less than listed detection limit
j - Estimated Value between detection limit and quantification limit

TABLE 2h
MW2100 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW2100															
PARAMETER	**ES**	**PAL**	***12/4/02***	***4/1/03***	***8/16/07***	***4/10/08***	***5/12/09***	***6/9/10***	***9/28/10***	***10/30/18***	***Cap 18 Injection - 6/19-6/20/19***	***10/28/19***	***2/5/20***	***5/13/20***	***9/3/20***	***8/31/21***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)																		
Acetone	9	1.8	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	<8.6	<8.6	<8.6
Benzene	5	0.5	<15.5	<0.31	<0.41	<0.41	<0.82	<0.40	<0.40	<0.25		<0.25	<0.25	<0.25	<0.25	<0.30	<0.30	<0.30
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	<6.5	<6.5	<6.5
Ethylbenzene	700	140	<25	<0.5	<0.54	<0.54	<1.1	<1.0	<1.0	<0.22		<0.22	<0.22	<0.32	<0.32	<0.33	<0.33	<0.33
Naphthalene	100	10	<40	<0.8	<0.74	<0.74	<1.8	<0.50	<0.50	<1.2		<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.1
Methyl-tert-Butyl Ether	60	12	<15	<0.3	<0.61	<0.61	<1.2	<1.0	<1.0	<1.2		<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.1
Toluene	800	160	<15	<0.3	<0.67	<0.67	<1.3	<1.0	<1.0	<0.17		<0.17	<0.17	<0.27	<0.27	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	70	7	**241**	**181**	**230**	**147**	**130**	**130**	**220**	**148**		*16.1*	**98.2**	5.7	**126**	*42.0*	**136**	*34.3*
trans-1,2-Dichloroethene	100	20	<19.5	12.2	11	5.5	5.6	5.0	8.8	9.1		1.4j	4.1	0.69j	6.0	2.5	6.0	0.94j
Vinyl Chloride	0.2	0.02	<10	<0.2	**1.4**	<0.18	<0.36	**0.54j**	**0.74j**	**0.67j**		<0.17	**0.30j**	<0.17	**0.90j**	**0.20j**	**1.1**	<0.17
Tetrachloroethene	5	0.5	<16	<0.32	<0.45	<0.45	<0.9	<1.0	<1.0	<0.33		<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41
Trichloroethene	5	0.5	<18	*2.1*	0.55j	<0.48	<0.96	*0.56j*	*0.64j*	*0.89j*		*0.73j*	*0.62j*	<0.26	*0.52j*	*0.87j*	*0.57j*	*0.57j*
Total Trimethylbenzenes	480	96	<35.5	<0.71	<1.80	<1.80	<3.6	<0.80	<0.80	<1.71		<1.71	<1.71	<1.71	<1.71	<0.81	<0.81	<0.81
Total Xylenes	2,000	400	<46	<0.92	<2.63	<2.63	<3.6	<1.0	<1.0	<0.73		<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.05
Geochemical Indicator Parameters																		
Ferrous Iron (mg/L)			NA	NA	NA	NA	NA	NA	NA	<0.028		<0.028	<0.021	<0.021	<0.021	0.51	0.47	0.14
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA	NA	NA	NA	<0.075		3.3	0.27	11.3	0.56	2.6	NA	NA
Chloride (mg/L)			NA	NA	NA	NA	NA	NA	NA	602		293	461	69.1	397	279	NA	493
Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA	54.6		38.9	44.3	25.8	32.9	33.2	NA	38.4
Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA	0.218		0.064	0.101	0.159	0.225	0.462	0.363	0.638
Dissolved Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA	NA	NA	NA	0.48j		1.0	1.1	3.0	NA	3.1	3.4	2.4
Dissolved Ethane (ug/L)			NA	NA	NA	NA	NA	NA	NA	<0.58		<1.2	<1.2	<1.2	<1.2	<0.39	<0.39	<0.39
Dissolved Ethene (ug/L)			NA	NA	NA	NA	NA	NA	NA	<0.52		<1.2	<1.2	<1.2	<1.2	<0.25	0.54j	<0.25
Dissolved Methane (ug/L)			NA	NA	NA	NA	NA	NA	NA	253		13.9	16.8	1.1j	107.0	88.6	250	<0.58
Field Parameters																		
Temperature (^oF)			NA	NA	NA	NA	NA	NA	NA	59.3		58.7	45.1	47.0	63.1	64.4	58.9	46.2
Conductivity (ms/cm)			NA	NA	NA	NA	NA	NA	NA	1,801		1,657	1,921	892	2,129	1,891	2,242	1,149
Dissolved Oxygen (mg/L)			NA	NA	NA	NA	NA	NA	NA	7.11		3.80	0.45	4.32	0.71	0.51	2.31	6.11
pH			NA	NA	NA	NA	NA	NA	NA	7.51		7.27	7.43	7.62	7.35	7.28	7.51	7.22
Redox Potential (mV)			NA	NA	NA	NA	NA	NA	NA	-96.0		-39.2	96.2	36.3	-90.8	-73.3	-57.7	-21.6

NDA = No Data Available, laboratory reports not provided

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

TABLE 2i
MW3200 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			MW3200														
PARAMETER	**ES**	**PAL**	***4/1/03***	***8/16/07***	***4/10/08***	***5/12/09***	***6/9/10***	***9/28/10***	***10/30/18***	***Cap 18 Injection - 6/19-6/20/19***	***10/28/19***	***2/5/20***	***5/13/20***	***9/3/20***	***8/31/21***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)																	
Acetone	9	1.8	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	<8.6	<8.6	<8.6
Benzene	5	0.5	<0.31	<0.41	<0.41	<0.41	<0.20	<0.20	<0.25		<0.25	<0.25	<0.25	<0.25	<0.30	<0.30	<0.30
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	<6.5	<6.5	<6.5
Ethylbenzene	700	140	<0.5	<0.54	<0.54	<0.54	<0.50	<0.50	<0.22		<0.22	<0.22	<0.32	<0.32	<0.33	<0.33	<0.33
Naphthalene	100	10	<0.8	<0.74	<0.74	<0.89	<0.25	<0.25	<1.2		<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.1
Methyl-tert-Butyl Ether	60	12	<0.3	<0.61	<0.61	<0.61	<0.50	<0.50	<1.2		<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.1
Toluene	800	160	<0.3	<0.67	<0.67	<0.67	<0.50	<0.50	<0.17		<0.17	<0.17	<0.27	<0.27	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	70	7	<0.23	<0.83	<0.83	<0.83	<0.50	<0.50	<0.27		<0.27	<0.27	0.29j	0.29j	*22.7*	<0.47	<0.47
trans-1,2-Dichloroethene	100	20	<0.39	<0.89	<0.89	<0.89	<0.50	<0.50	<1.1		<1.1	<1.1	<0.46	<0.46	0.98j	<0.53	<0.53
Vinyl Chloride	0.2	0.02	<0.2	<0.18	<0.18	<0.18	<0.20	<0.20	<0.17		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Tetrachloroethene	5	0.5	<0.2	<0.18	<0.18	<0.18	<0.20	<0.20	*0.65j*		<0.33	<0.33	*0.55j*	<0.33	**99.4**	0.42j	*3.2*
Trichloroethene	5	0.5	**13.5**	<0.45	*0.52j*	*0.81j*	<0.50	<0.50	0.47j		0.49j	<0.26	*0.52j*	*0.69j*	**33.8**	*0.81j*	*0.55j*
Total Trimethylbenzenes	480	96	<0.71	<1.80	<1.80	<1.80	<0.40	<0.40	<1.71		<1.71	<1.71	<1.71	<1.71	<0.81	<0.81	<0.81
Total Xylenes	2,000	400	<0.92	<2.63	<2.63	<1.8	<0.50	<0.50	<0.73		<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.05
Geochemical Indicator Parameters																	
Ferrous Iron (mg/L)			NA	NA	NA	NA	NA	NA	<0.028		<0.14	<0.021	<0.021	<0.021	<0.021	0.66	0.064
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA	NA	NA	<0.075		<0.075	<0.22	<0.044	<0.22	<0.22	NA	NA
Chloride (mg/L)			NA	NA	NA	NA	NA	NA	39.9		37.3	25.4	2.5	58.8	58.8	NA	64.9
Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	10.6		27.5	19.4	<0.44	72.9	72.9	NA	69.2
Manganese (mg/L)			NA	NA	NA	NA	NA	NA	0.224		0.150	0.128	0.0166	0.138	0.157	0.178	0.0524
Dissolved Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA	NA	NA	20.1		6.9	8.2	6.1	NA	0.4	7.2	4.5
Dissolved Ethane (ug/L)			NA	NA	NA	NA	NA	NA	<0.58		<1.2	<1.2	<1.2	<1.2	<0.39	<0.39	<0.39
Dissolved Ethene (ug/L)			NA	NA	NA	NA	NA	NA	<0.52		<1.2	<1.2	<1.2	<1.2	<0.25	<0.25	<0.25
Dissolved Methane (ug/L)			NA	NA	NA	NA	NA	NA	10.2		266	639	3,150	48.8	28.0	7.7	<0.58
Field Parameters																	
Temperature (^oF)			NA	NA	NA	NA	NA	NA	51.2		56.6	41.6	53.8	54.1	62.2	56.7	43.7
Conductivity (ms/cm)			NA	NA	NA	NA	NA	NA	757		719	781	426	916	862	1,024	1,122
Dissolved Oxygen (mg/L)			NA	NA	NA	NA	NA	NA	4.91		0.24	0.39	1.57	2.80	1.06	1.52	3.03
pH			NA	NA	NA	NA	NA	NA	7.00		7.11	7.33	7.63	7.53	7.39	7.46	7.29
Redox Potential (mV)			NA	NA	NA	NA	NA	NA	-109.5		-163.6	-128.5	-88.5	-108.7	-103.1	35.1	-57.0

NDA = No Data Available, laboratory reports not provided
PAL = Preventive Action Limit
ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
< - Concentration less than listed detection limit
j - Estimated Value between detection limit and quantification limit

TABLE 2j
PZ1700 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			PZ1700													
PARAMETER	**ES**	**PAL**	***12/4/02***	***4/1/03***	***8/16/07***	***4/10/08***	***5/12/09***	***6/9/10***	***9/28/10***	***10/30/18***		***2/5/20***	***5/13/20***	***9/3/20***	***8/31/21***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)																	
Acetone	9	1.8	NA	NA	NA	NA	NA	NA	NA	Flush Mount Concreted In	***Cap 18 Injection - 6/19-6/20/19***	NA	NA	NA	<8.6	<8.6	<8.6
Benzene	5	0.5	<0.31	<0.31	<0.41	<0.41	<0.41	<0.20	<0.20			<0.25	<0.25	<0.25	<0.30	<0.30	<0.30
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	<6.5	<6.5	<6.5
Ethylbenzene	700	140	<0.5	<0.5	<0.54	<0.54	<0.54	<0.50	<0.50			<0.22	<0.32	<0.32	<0.33	<0.33	<0.33
Naphthalene	100	10	<0.8	<0.8	<0.74	<0.74	<0.89	<0.25	0.47j			<1.2	<1.2	<1.2	<1.1	<1.1	<1.1
Methyl-tert-Butyl Ether	60	12	<0.3	<0.3	<0.61	<0.61	<0.61	<0.50	<0.50			<1.2	<1.2	<1.2	<1.1	<1.1	<1.1
Toluene	800	160	<0.3	<0.3	<0.67	<0.67	<0.67	<0.50	<0.50			<0.17	<0.27	<0.27	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	70	7	<0.23	0.75j	<0.83	<0.83	<0.83	<0.50	<0.50			0.62j	<0.27	0.89j	**15,200**	*18.8*	*27.2*
trans-1,2-Dichloroethene	100	20	<0.39	<0.39	<0.89	<0.89	<0.89	<0.50	<0.50			<1.1	<0.46	<0.46	**404**	<0.53	2.2
Vinyl Chloride	0.2	0.02	<0.2	<0.2	<0.18	<0.18	<0.18	<0.20	<0.20			<0.17	<0.17	<0.17	**47.1**	<0.17	**0.29j**
Tetrachloroethene	5	0.5	<0.32	*0.638j*	<0.45	<0.45	0.47j	<0.50	<0.50			<0.33	<0.33	<0.33	**12,600**	*1.1*	**28.2**
Trichloroethene	5	0.5	<0.36	*0.924j*	*1.2j*	<0.48	<0.48	0.20j	<0.20			0.29j	0.48j	<0.26	**9,440**	0.41j	**30.1**
Total Trimethylbenzenes	480	96	<0.71	<0.71	<1.80	<1.80	<1.80	<0.40	0.46			<1.71	<1.71	<1.71	<0.81	<0.81	<0.81
Total Xylenes	2,000	400	<0.92	<0.92	<2.63	<2.63	<1.8	<0.50	<0.5			<0.73	<0.73	<0.73	<1.05	<1.05	<1.05
Geochemical Indicator Parameters																	
Ferrous Iron (mg/L)			NA	NA	NA	NA	NA	NA	NA	May Be Accessible		<0.021	<0.021	<0.021	0.079	0.12	0.34
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA	NA	NA	NA			<0.044	<0.044	<0.044	<0.044	NA	NA
Chloride (mg/L)			NA	NA	NA	NA	NA	NA	NA			2.7	42.0	2.8	68.6	NA	21.1
Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA			0.45j	44.2	0.48j	18.0	NA	0.59j
Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA			0.0147	0.122	0.0155	0.426	0.019	0.023
Dissolved Manganese (mg/L)			NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA	NA	NA	NA			6.2	5.7	NA	NA	6.1	5.8
Dissolved Ethane (ug/L)			NA	NA	NA	NA	NA	NA	NA			<1.2	<1.2	<1.2	<0.39	<0.39	<0.39
Dissolved Ethene (ug/L)			NA	NA	NA	NA	NA	NA	NA			<1.2	<1.2	<1.2	5.5	<0.25	<0.25
Dissolved Methane (ug/L)			NA	NA	NA	NA	NA	NA	NA			2,910	65.0	1,290	407	1,600	2,280
Field Parameters																	
Temperature (^oF)			NA	NA	NA	NA	NA	NA	NA			50.2	47.1	61.6	70.8	62.3	46.2
Conductivity (ms/cm)			NA	NA	NA	NA	NA	NA	NA			410.9	808	734	1,054	504.5	729.2
Dissolved Oxygen (mg/L)			NA	NA	NA	NA	NA	NA	NA			0.51	2.33	7.80	6.70	1.00	2.01
pH			NA	NA	NA	NA	NA	NA	NA			7.50	7.36	7.74	6.63	7.17	7.56
Redox Potential (mV)			NA	NA	NA	NA	NA	NA	NA			6.4	-125.8	-90.7	14.9	-84.8	41.2

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ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
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j - Estimated Value between detection limit and quantification limit

TABLE 2k
TW800/MW800 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET

GREEN BAY, WI 54303

			TW800						***MW800***						
PARAMETER	**ES**	**PAL**	***10/10/02***	***4/1/03***	***6/8/10***	***9/28/10***	***10/30/18***		***10/28/19***	***2/5/20***	***5/13/20***	***9/3/20***	***8/31/21***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)							Destroyed by Road Resconstruction	***Cap 18 Injection - 6/19-6/20/19***							
Acetone	9	1.8	NA	NA	NA	NA			NA	NA	NA	NA	<43.2	<864	<1080
Benzene	5	0.5	<0.31	<0.31	<20	<16			<9.9	<6.2	<6.2	<6.2	<1.5	<29.5	<36.9
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA			NA	NA	NA	NA	<32.6	<652	<815
Ethylbenzene	700	140	<0.5	<0.5	<50	<40			<8.7	<5.5	<8.0	<8.0	<1.6	<32.5	<40.6
Naphthalene	100	10	<0.8	<0.8	<25	<20			<47.0	<29.4	<29.4	<29.4	<5.6	<113	<141
Methyl-tert-Butyl Ether	60	12	<0.3	<0.3	<50	<40			<49.8	<31.1	<31.1	<31.1	<5.6	<113	<141
Toluene	800	160	1.07	0.662j	<50	<40			<6.9	<4.3	<6.7	<6.7	<1.4	<28.8	<36.0
cis-1,2-Dichloroethene	70	7	**8,520**	<0.23	**5,500**	**8,500**			**2,130**	**2,990**	**4,000**	**4,930**	**312**	**9,110**	**11,100**
trans-1,2-Dichloroethene	100	20	**364**	**354**	**910**	**1,610**			**437**	**483**	**336**	**662**	6.8	**528**	**624**
Vinyl Chloride	0.2	0.02	**10.8**	**11.4**	<20	<16			<7.0	<4.4	<4.4	**30.3**	<0.87	**153**	**111j**
Tetrachloroethene	5	0.5	**3,060**	**2,200**	**1,100**	**230**			**1,130**	**9,480**	**21,100**	**4,680**	**467**	**1,350**	**1,590**
Trichloroethene	5	0.5	**20,000**	**14,600**	**2,300**	**2,200**			**2,310**	**6,470**	**5,320**	**5,620**	**228**	**5,590**	**4,840**
Total Trimethylbenzenes	480	96	<0.71	<0.71	<0.40	<32			<68.5	<42.8	<42.8	<42.8	<4	<80.6	<100.8
Total Xylenes	2,000	400	<0.92	<0.92	<50	<40			<29.1	<18.1	<18.1	<18.1	<5.2	<104.8	<131
Geochemical Indicator Parameters															
Ferrous Iron (mg/L)			NA	NA	NA	NA			<0.14	<0.021	<0.021	<0.021	0.14	0.53	0.56
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA			1.1	<0.044	<0.044	<0.044	<0.22	NA	NA
Chloride (mg/L)			NA	NA	NA	NA			117	163	91	91	4.0j	NA	109
Sulfate (mg/L)			NA	NA	NA	NA			42.3	32.1	30.1	30.1	<2.2	NA	15.5
Manganese (mg/L)			NA	NA	NA	NA			0.484	0.892	0.513	0.475	0.0302	0.459	0.460
Dissolved Manganese (mg/L)			NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA			1.1	NA	NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA			12.0	11.9	13.9	13.9	7.6	10.3	10.3
Dissolved Ethane (ug/L)			NA	NA	NA	NA			<1.2	<1.2	<1.2	<1.2	<0.39	<0.39	<0.39
Dissolved Ethene (ug/L)			NA	NA	NA	NA			<1.2	<1.2	<1.2	1.7j	<0.25	29.9	25.4
Dissolved Methane (ug/L)			NA	NA	NA	NA			34.2	892	403	3,020	1,450	1,070	2,470
Field Parameters															
Temperature (^oF)			NA	NA	NA	NA			58.6	46.2	56.8	69.0	70.3	61.9	44.2
Conductivity (ms/cm)			NA	NA	NA	NA			1,033	1,259	733	1,143	476	1,290	1,231
Dissolved Oxygen (mg/L)			NA	NA	NA	NA			8.15	0.37	1.80	0.54	0.32	0.94	2.14
pH			NA	NA	NA	NA			7.11	7.05	7.11	6.96	7.17	6.98	7.95
Redox Potential (mV)			NA	NA	NA	NA			-26.2	15.3	-33.6	-27.0	-135.6	22.9	91.8

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BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

TABLE 2l
TW900 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			TW900						
PARAMETER	**ES**	**PAL**	***10/10/02***	***4/1/03***	***9/28/10***	***10/30/18***		***10/28/19***	***2/5/20***
Detected VOC's (ug/L)									
Benzene	5	0.5	<310	<0.31	<40	Could Not Locate Inside Building	***Cap 18 Injection - 6/19-6/20/19***	Dry	Dry
Ethylbenzene	700	140	<500	<0.5	<100				
Naphthalene	100	10	<800	<0.8	<50				
Methyl-tert-Butyl Ether	60	12	<300	<0.3	<100				
Toluene	800	160	<300	0.484j	<100				
cis-1,2-Dichloroethene	70	7	**250**	**316**	**780**				
trans-1,2-Dichloroethene	100	20	<390	*33.6*	**730**				
Vinyl Chloride	0.2	0.02	<200	**1.03**	<40				
Tetrachloroethene	5	0.5	**11,300**	**16,000**	**21,000**				
Trichloroethene	5	0.5	**7,450**	**4,910**	**6,200**				
Total Trimethylbenzenes	480	96	<710	<0.71	<80				
Total Xylenes	2,000	400	<920	<0.92	<100				
Geochemical Indicator Parameters									
Ferrous Iron (mg/L)			NA	NA	NA				
Nitrate-Nitrogen (mg/L)			NA	NA	NA				
Chloride (mg/L)			NA	NA	NA				
Dissolved Manganese (mg/L)			NA	NA	NA				
Total Alkalinity ($AaCO_3$)			NA	NA	NA				
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA				
Dissolved Sulfate (mg/L)			NA	NA	NA				
Total Organic Carbon (mg/L)			NA	NA	NA				
Dissolved Ethane (ug/L)			NA	NA	NA				
Dissolved Ethene (ug/L)			NA	NA	NA				
Dissolved Methane (ug/L)			NA	NA	NA				
Field Parameters									
Temperature (^oF)			NA	NA	NA				
Conductivity (ms/cm)			NA	NA	NA				
Dissolved Oxygen (mg/L)			NA	NA	NA				
pH			NA	NA	NA				
Redox Potential (mV)			NA	NA	NA				

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ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

TABLE 2m
TW1100 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			TW1100	
PARAMETER	**ES**	**PAL**	***10/10/02***	***4/1/03***
Detected VOC's (ug/L)				
Benzene	5	0.5	*1.80*	*1.48*
Ethylbenzene	700	140	<0.5	<0.5
Naphthalene	100	10	<0.8	<0.8
Methyl-tert-Butyl Ether	60	12	<0.3	<0.3
Toluene	800	160	<0.3	<0.3
cis-1,2-Dichloroethene	70	7	**306**	**252**
trans-1,2-Dichloroethene	100	20	**343**	**359**
Vinyl Chloride	0.2	0.02	**1.97**	**1.34**
Tetrachloroethene	5	0.5	**54.8**	**78.1**
Trichloroethene	5	0.5	**626.0**	**306.0**
Total Trimethylbenzenes	480	96	<0.71	<0.71
Total Xylenes	2,000	400	<0.92	<0.92
Geochemical Indicator Parameters				
Ferrous Iron (mg/L)			NA	NA
Nitrate-Nitrogen (mg/L)			NA	NA
Chloride (mg/L)			NA	NA
Dissolved Manganese (mg/L)			NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA
Dissolved Sulfate (mg/L)			NA	NA
Total Organic Carbon (mg/L)			NA	NA
Dissolved Ethane (ug/L)			NA	NA
Dissolved Ethene (ug/L)			NA	NA
Dissolved Methane (ug/L)			NA	NA
Field Parameters				
Temperature (^oF)			NA	NA
Conductivity (ms/cm)			NA	NA
Dissolved Oxygen (mg/L)			NA	NA
pH			NA	NA
Redox Potential (mV)			NA	NA

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PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

TABLE 2n
TW1300 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			TW1300			
PARAMETER	**ES**	**PAL**	***10/10/02***	***4/1/03***	***6/8/10***	***9/28/10***
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<155	*3.2*	<2
Ethylbenzene	700	140	<0.5	<250	<8.0	<5
Naphthalene	100	10	<0.8	<400	<4.0	<2.5
Methyl-tert-Butyl Ether	60	12	<0.3	<150	<8.0	<5
Toluene	800	160	0.683j	<150	<8.0	<5
cis-1,2-Dichloroethene	70	7	**1,130**	**696**	**890**	**1,000**
trans-1,2-Dichloroethene	100	20	**745**	**299**	**590**	**820**
Vinyl Chloride	0.2	0.02	**3.04**	<100	<3.2	<2
Tetrachloroethene	5	0.5	**825**	**763**	**130**	**170**
Trichloroethene	5	0.5	**6,030**	**2,540**	**71**	**55**
Total Trimethylbenzenes	480	96	<0.71	<355	<6.4	<4
Total Xylenes	2,000	400	<0.92	<460	<8.0	<5
Geochemical Indicator Parameters						
Ferrous Iron (mg/L)			NA	NA	NA	NA
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA
Chloride (mg/L)			NA	NA	NA	NA
Dissolved Manganese (mg/L)			NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA	NA	NA
Dissolved Ethane (ug/L)			NA	NA	NA	NA
Dissolved Ethene (ug/L)			NA	NA	NA	NA
Dissolved Methane (ug/L)			NA	NA	NA	NA
Field Parameters						
Temperature (^oF)			NA	NA	NA	NA
Conductivity (ms/cm)			NA	NA	NA	NA
Dissolved Oxygen (mg/L)			NA	NA	NA	NA
pH			NA	NA	NA	NA
Redox Potential (mV)			NA	NA	NA	NA

NDA = No Data Available, laboratory reports not provided
PAL = Preventive Action Limit
ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
< - Concentration less than listed detection limit
j - Estimated Value between detection limit and quantification limit

TABLE 2o
TW1400 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			TW1400												
PARAMETER	**ES**	**PAL**	***10/10/02***	***4/1/03***	***6/8/10***	***9/28/10***	***10/30/18***		***10/28/19***	***2/5/20***	***5/13/20***	***9/3/20***	***8/31/21***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)															
Acetone	9	1.8	NA	NA	NA	NA	Could Not Locate Inside Building	***Cap 18 Injection - 6/19-6/20/19***	NA	NA	NA	NA	Beneath Car Being Repaired	<34.6	<34.6
Benzene	5	0.5	<0.31	<155	<6.4	<0.8			<0.99	<0.99	<0.99	<0.99		<1.2	<1.2
2-Butanone (MEK)	4	0.4	NA	NA	NA	NA			NA	NA	NA	NA		<26.1	<26.1
Ethylbenzene	700	140	<0.5	<250	<16	<2			<0.87	<0.87	<1.3	<1.3		<1.3	<1.3
Naphthalene	100	10	<0.8	<400	<8.0	<1			<4.7	<4.7	<4.7	<4.7		<4.5	<4.5
Methyl-tert-Butyl Ether	60	12	<0.3	<150	<16	<2			<5.0	<5.0	<5.0	<5.0		<4.5	<4.5
Toluene	800	160	<0.3	<150	<16	<2			<0.69	<0.69	<1.1	<1.1		<1.2	<1.2
cis-1,2-Dichloroethene	70	7	**222**	<115	**120**	**74**			*10.7*	*12.6*	6.2	**184**		**3,980**	**2,990**
trans-1,2-Dichloroethene	100	20	**644**	**347**	**300**	**190**			*23.8*	12.3j	10.5	*26.9*		**771**	**34**
Vinyl Chloride	0.2	0.02	**0.789**	<100	<6.4	<0.8			<0.70	<0.70	<0.70	<0.70		**53.1**	**0.83j**
Tetrachloroethene	5	0.5	**1,990**	**2,960**	**1,700**	**260**			**283**	**853**	**1,100**	**161**		**8.4**	**2,400**
Trichloroethene	5	0.5	**1,200**	**1,820**	**76**	**120**			**7.6**	**21.2**	**10.4**	**17.5**		**15.6**	**549**
Total Trimethylbenzenes	480	96	<0.71	<355	<12.8	<1.6			<6.9	<6.9	<6.9	<6.9		<3.2	<3.2
Total Xylenes	2,000	400	<0.92	<460	<8.0	<5			<2.9	<2.9	<2.9	<2.9		<4.2	<4.2
Geochemical Indicator Parameters															
Ferrous Iron (mg/L)			NA	NA	NA	NA			<0.70	0.21	<0.10	NA*		1.2	NA*
Nitrate-Nitrogen (mg/L)			NA	NA	NA	NA			<0.075	<0.22	<0.22	NA*		NA	NA*
Chloride (mg/L)			NA	NA	NA	NA			136	142	139.0	NA*		46.1	NA*
Sulfate (mg/L)			NA	NA	NA	NA			50.0	33.3	16.4	NA*		NA	NA*
Manganese (mg/L)			NA	NA	NA	NA			0.525	1.51	1.18	NA*		0.455	NA*
Dissolved Manganese (mg/L)			NA	NA	NA	NA			NA	NA	NA	NA*		NA	NA*
Total Alkalinity ($AaCO_3$)			NA	NA	NA	NA			NA	NA	NA	NA*		NA	NA*
Dissolved Nitrate/Nitrite (mg/L)			NA	NA	NA	NA			NA	NA	NA	NA*		NA	NA*
Dissolved Sulfate (mg/L)			NA	NA	NA	NA			NA	NA	NA	NA*		NA	NA*
Total Organic Carbon (mg/L)			NA	NA	NA	NA			2.8	4.5	16.9	NA*		37.1	NA*
Dissolved Ethane (ug/L)			NA	NA	NA	NA			<1.2	<1.2	<1.2	NA*		<0.39	NA*
Dissolved Ethene (ug/L)			NA	NA	NA	NA			<1.2	<1.2	<1.2	NA*		<0.25	NA*
Dissolved Methane (ug/L)			NA	NA	NA	NA			0.89j	<0.66	<0.66	NA*		4,530	NA*
Field Parameters															
Temperature (^oF)			NA	NA	NA	NA			59.7	46.9	49.6	51.2		61.5	NM
Conductivity (ms/cm)			NA	NA	NA	NA			1,194	1,174	1,108	1,423		1,896	NM
Dissolved Oxygen (mg/L)			NA	NA	NA	NA			2.80	3.67	3.35	3.27		1.93	NM
pH			NA	NA	NA	NA			7.00	7.01	7.49	7.10		7.33	NM
Redox Potential (mV)			NA	NA	NA	NA			-62.0	31.9	-195.6	108.9		-87.1	NM

NDA = No Data Available, laboratory reports not provided
PAL = Preventive Action Limit
ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
< - Concentration less than listed detection limit
j - Estimated Value between detection limit and quantification limit
*TW1400 did not contain enough water to analyze for inorganics

TABLE 2p
TW1500/MW1500 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			TW1500			*MW1500*						
PARAMETER	**ES**	**PAL**	***10/10/02***	***4/1/03***		***10/28/19***	***2/5/20***	***5/13/20***	***9/3/20***	***8/31/21***	***11/17/21***	***3/29/22***
Detected VOC's (ug/L)												
Acetone	9	1.8	NA	NA		NA	NA	NA	NA	<43.2	<8.6	<17.3
Benzene	5	0.5	<0.31	<0.31		<2.5	<1.2	*2.2j*	<1.2	<1.5	*0.78j*	<0.59
2-Butanone (MEK)	4	0.4	NA	NA		NA	NA	NA	NA	<32.6	<6.5	<13.0
Ethylbenzene	700	140	<0.5	<0.5		<2.2	<1.1	<1.6	<1.6	<1.6	<0.33	<0.65
Naphthalene	100	10	<0.8	<0.8		<11.8	<5.9	<5.9	<5.9	<5.9	<1.1	<2.3
Methyl-tert-Butyl Ether	60	12	<0.3	<0.3		<12.5	<6.2	<6.2	<6.2	<5.6	<1.1	<2.3
Toluene	800	160	<0.3	<0.3		<1.7	<0.86	<1.3	<1.3	<1.4	<0.29	<0.58
cis-1,2-Dichloroethene	70	7	*16.6*	*9.23*		**640**	**430**	**760**	**427**	**387**	**93.4**	**120**
trans-1,2-Dichloroethene	100	20	2.92	<0.2		**164**	**129**	**297**	**168**	**180**	*93.8*	<6.9
Vinyl Chloride	0.2	0.02	<0.2	<0.2		<1.7	<0.87	**2.0j**	**7.0**	**41.5**	**46.8**	**42.5**
Tetrachloroethene	5	0.5	0.339j	0.351j		<3.3	**25.0**	<1.6	<1.6	**38.3**	<0.41	<0.82
Trichloroethene	5	0.5	*0.664j*	<0.36		<2.6	**18.3**	<1.3	<1.3	**12.4**	<0.32	<0.64
Total Trimethylbenzenes	480	96	<0.71	<0.71		<17.1	<8.6	<8.6	<8.6	<4	<0.81	<1.61
Total Xylenes	2,000	400	<0.92	<0.92		<7.3	<4.6	<3.6	<3.6	<5.2	<1.05	<2.1
Geochemical Indicator Parameters												
Ferrous Iron (mg/L)			NA	NA		<0.28	<0.021	<0.021	<0.021	0.10	0.75	0.16
Nitrate-Nitrogen (mg/L)			NA	NA		0.67	<0.044	<0.044	<0.044	<0.044	NA	NA
Chloride (mg/L)			NA	NA		127	145	111	130	109	NA	120
Sulfate (mg/L)			NA	NA		NA	NA	41.2	10.7	78.6	NA	12.6
Manganese (mg/L)			NA	NA		0.0586	0.525	0.510	0.599	0.671	0.459	0.484
Dissolved Manganese (mg/L)			NA	NA		NA	NA	NA	NA	NA	NA	NA
Total Alkalinity ($AaCO_3$)			NA	NA		450	NA	NA	NA	NA	NA	NA
Dissolved Nitrate/Nitrite (mg/L)			NA	NA		NA	NA	NA	NA	NA	NA	NA
Dissolved Sulfate (mg/L)			NA	NA		NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (mg/L)			NA	NA		13.6	20.1	15.3	15.3	12.9	14.4	11.0
Dissolved Ethane (ug/L)			NA	NA		<1.2	<1.2	<1.2	<1.2	<0.39	<0.39	<0.39
Dissolved Ethene (ug/L)			NA	NA		<1.2	<1.2	<1.2	1.4j	11.0	31.0	19.1
Dissolved Methane (ug/L)			NA	NA		137	642	4,280	6,730	2,180	4,590	4,790
Field Parameters												
Temperature (^oF)			NA	NA		58.7	46.0	49.5	64.1	67.8	59.8	43.7
Conductivity (ms/cm)			NA	NA		1,099	1,207	1,297	1,312	1,193	1,503	1,384
Dissolved Oxygen (mg/L)			NA	NA		7.48	0.18	0.86	0.34	1.15	0.91	2.18
pH			NA	NA		7.05	7.14	7.11	7.03	6.87	7.43	7.23
Redox Potential (mV)			NA	NA		36.4	31.2	-8.5	-130.0	-42.4	-50.2	-99.6

Cap 18 Injection - 6/19-6/20/19

NDA = No Data Available, laboratory reports not provided
PAL = Preventive Action Limit
ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed
< - Concentration less than listed detection limit
j - Estimated Value between detection limit and quantification limit

TABLE 2q
TW3100 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			TW3100
PARAMETER	**ES**	**PAL**	***4/1/03***
Detected VOC's (ug/L)			
Benzene	5	0.5	<0.31
Ethylbenzene	700	140	<0.5
Naphthalene	100	10	<0.8
Methyl-tert-Butyl Ether	60	12	<0.3
Toluene	800	160	<0.3
cis-1,2-Dichloroethene	70	7	<0.23
trans-1,2-Dichloroethene	100	20	<0.39
Vinyl Chloride	0.2	0.02	<0.2
Tetrachloroethene	5	0.5	<0.32
Trichloroethene	5	0.5	<0.36
Total Trimethylbenzenes	480	96	<0.71
Total Xylenes	2,000	400	<0.92
Geochemical Indicator Parameters			
Ferrous Iron (mg/L)			NA
Nitrate-Nitrogen (mg/L)			NA
Chloride (mg/L)			NA
Dissolved Manganese (mg/L)			NA
Total Alkalinity ($AaCO_3$)			NA
Dissolved Nitrate/Nitrite (mg/L)			NA
Dissolved Sulfate (mg/L)			NA
Total Organic Carbon (mg/L)			NA
Dissolved Ethane (ug/L)			NA
Dissolved Ethene (ug/L)			NA
Dissolved Methane (ug/L)			NA
Field Parameters			
Temperature (^oF)			NA
Conductivity (ms/cm)			NA
Dissolved Oxygen (mg/L)			NA
pH			NA
Redox Potential (mV)			NA

NDA = No Data Available, laboratory reports not provided

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

TABLE 2r
TW3500 GROUNDWATER ANALYTICAL RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

			TW3500
PARAMETER	**ES**	**PAL**	***6/19/03***
Detected VOC's (ug/L)			
Benzene	5	0.5	<0.31
Ethylbenzene	700	140	<0.5
Naphthalene	100	10	<0.8
Methyl-tert-Butyl Ether	60	12	<0.3
Toluene	800	160	<0.3
cis-1,2-Dichloroethene	70	7	<0.23
trans-1,2-Dichloroethene	100	20	<0.39
Vinyl Chloride	0.2	0.02	<0.2
Tetrachloroethene	5	0.5	0.431j
Trichloroethene	5	0.5	<0.36
Total Trimethylbenzenes	480	96	<0.71
Total Xylenes	2,000	400	<0.92
Geochemical Indicator Parameters			
Ferrous Iron (mg/L)			NA
Nitrate-Nitrogen (mg/L)			NA
Chloride (mg/L)			NA
Dissolved Manganese (mg/L)			NA
Total Alkalinity ($AaCO_3$)			NA
Dissolved Nitrate/Nitrite (mg/L)			NA
Dissolved Sulfate (mg/L)			NA
Total Organic Carbon (mg/L)			NA
Dissolved Ethane (ug/L)			NA
Dissolved Ethene (ug/L)			NA
Dissolved Methane (ug/L)			NA
Field Parameters			
Temperature (^oF)			NA
Conductivity (ms/cm)			NA
Dissolved Oxygen (mg/L)			NA
pH			NA
Redox Potential (mV)			NA

NDA = No Data Available, laboratory reports not provided

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

j - Estimated Value between detection limit and quantification limit

TABLE 3
MONITORING WELL DATA
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

	MW100	MW200	MW300	MW400	MW600	MW600r	MW800	MW1000	MW2000	MW2000r	MW2100	MW3200	PZ1700	TW900	TW1400	MW1500
Top of Casing Elevation	594.72	595.09	594.70	594.22	594.33	593.20	594.63	595.11	593.54	595.25	594.31	592.70	594.32	Not Surveyed	Not Surveyed	594.73
Depth to Water (feet)																
8/16/07	8.20	Dry	8.28	7.75	NM	NI	NI	NM	7.36	NI	8.09	6.20	8.74	NM	NM	NI
4/10/08	6.39	6.69	6.67	6.46	NM	NI	NI	NM	6.23	NI	6.80	3.46	6.81	NM	NM	NI
5/12/09	7.05	7.37	7.12	6.87	NM	NI	NI	NM	6.51	NI	7.25	4.73	7.13	NM	NM	NI
6/8/10	7.56	7.92	7.57	7.19	NM	NI	NI	NM	6.64	NI	7.57	5.39	7.41	NM	NM	NI
9/28/10	7.01	7.43	7.14	6.81	7.42	NI	NI	8.09	6.46	NI	7.39	4.79	10.42	NM	NM	NI
10/30/18	7.87	Dry	7.82	Destroyed	Destroyed	NI	NI	8.10	Destroyed	NI	7.41	5.12	NM	NM	NM	NI
10/28/19	NM*	7.65	NM*			10.12	11.65	7.67		NI	6.96	4.81	NM	Dry	7.80	8.40
2/5/20	7.84	7.89	NM*			6.79	7.72	8.21		7.63	7.41	5.16	6.96	Dry	8.13	7.51
5/13/20	7.71	7.72	NM*			5.99	7.61	7.85		7.03	7.11	7.11	5.75	Dry	7.99	7.39
9/3/20	8.38	8.65	9.65*			7.55	8.10	8.38		7.75	7.91	6.05	7.13	Dry	8.86	8.04
8/31/21	7.51	7.61	NM*			6.71	7.07	7.86		6.82	7.15	4.71	7.49	Dry	NM	7.33
3/29/22	8.15	8.21	NM*			NM	7.87	8.55		NM	7.61	5.60	7.84	Dry	5.60	7.77
Groundwater Elevation																
8/16/07	586.52	Dry	586.42	586.47	NM	NI	NI	NM	586.18	NI	586.22	586.50	585.58	NM	NM	NI
4/10/08	588.33	588.40	588.03	587.76	NM	NI	NI	NM	587.31	NI	587.51	589.24	587.51	NM	NM	NI
5/12/09	587.67	587.72	587.58	587.35	NM	NI	NI	NM	587.03	NI	587.06	587.97	587.19	NM	NM	NI
6/8/10	587.16	587.17	587.13	587.03	NM	NI	NI	NM	586.90	NI	586.74	587.31	586.91	NM	NM	NI
9/28/10	587.71	587.66	587.56	587.41	586.91	NI	NI	587.02	587.08	NI	586.92	587.91	583.90	NM	NM	NI
10/30/18	586.85	Dry	586.88	Destroyed	Destroyed	NI	NI	587.01	Destroyed	NI	586.90	587.58	NM	NM	NM	NI
10/28/19	NM	587.44	NM*			583.08	582.98	587.44		NI	587.35	587.89	NM	Dry	-	586.33
2/5/20	586.88	587.20	NM*			586.41	586.91	586.90		587.62	586.90	587.54	587.36	Dry	-	587.22
5/13/20	587.01	587.37	NM*			587.21	587.02	587.26		588.22	587.20	585.59	588.57	Dry	-	587.34
9/3/20	586.34	586.44	585.05*			585.65	586.53	586.73		587.50	586.40	586.65	587.19	Dry	-	586.69
8/31/21	587.21	587.48	NM*			586.49	587.56	587.25		588.43	587.16	587.99	586.83	Dry	NM	587.40
3/29/22	586.57	586.88	NM*			NM	586.76	586.56		NM	586.70	587.10	586.48	Dry	-	586.96

NM = Not Measured
NI = Not Installed
* CAP 18 injection oil present in MW100 & MW300, Unable to obtain accurate DTW

TABLE 4a
AMBIENT AIR SAMPLING RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

					Sample -->	***West***	***Center***	***East***	***Entrance***	***AA856M***		***AA714L***	
					Collected By-->	***AD***	***AD***	***AD***	***AD***	***AD***	***AD***	***AD***	***AD***
					Sample Date-->	***9/3/20***	***9/3/20***	***9/3/20***	***9/3/20***	***4/14/22***	***8/22/22***	***4/14/22***	***8/22/22***
TO-15 Detected VOC's (µg/m³)	**CAS Number**	carcinogen	***Indoor Air VAL*** Residential [R]	Small Commercial [SC]	Large Commercial/ Industrial [LC/I]								
Acetone	67-64-1	n	32,200	135,000	135,000	<0.897	20.6	45	12	34	1050	1118	69
Acrolein	107-02-8	n	0.0209	0.0876	0.0876	**3.03**	<0.188	<0.188	<0.188	NA	NA	NA	NA
Benzene	71-43-2	c	3.6	16	16	**56**	**54**	**54**	**52**	1.66	1.76	7.9	0.80
Benzyl chloride	100-44-7	c	0.573	2.5	2.5	<0.627	<0.418	<0.418	<0.418	<0.209	<0.209	<0.209	<0.209
Bromodichloromethane	75-27-4	c	0.759	3.31	3.31	<1.122	<0.748	<0.748	<0.748	<0.374	0.80j	<0.374	0.94j
Bromoform	75-25-2	c	25.5	111	111	<1.242	<0.828	<0.828	<0.828	<0.414	<0.414	<0.414	<0.414
Bromomethane	74-83-9	n	5.21	21.9	21.9	<0.6	<0.4	<0.4	<0.4	<0.2	<0.2	<0.2	<0.2
1,3-Butadiene	106-99-0	c	0.936	4.09	4.09	<0.429	<0.286	<0.286	<0.286	0.77	0.62	<0.143	<0.143
Carbon disulfide	75-15-0	c	730	3,070	3,070	20.2	2.86	3.2	2.86	1.43	0.37j	1.37	1.24
Carbon tetrachloride	56-23-5	c	4.68	20.4	20.4	<0.921	<0.614	0.63j	0.63j	0.63j	0.57j	<0.307	0.50j
Chlorobenzene	108-90-7	c	52.1	219	219	<0.753	<0.502	<0.502	<0.502	<0.251	<0.251	<0.251	<0.251
Chloroethane	75-00-3	- -	- -	- -	- -	<0.477	<0.318	<0.318	<0.318	<0.159	<0.159	<0.159	<0.159
Chloroform	67-66-3	c	1.22	5.33	5.33	<0.9	<0.6	<0.6	<0.6	0.49j	2.34	<0.3	1.95
Chloromethane	74-87-3	n	93.9	394	394	<2.493	<1.662	<1.661	<1.662	1.67j	1.53j	1.4j	1.22j
Chlorohexane	544-10-5	- -	- -	- -	- -	13.5	12.5	12.6	11.7	<0.212	2.1	5.5	1.5
Dibromochloromethane	124-48-1	- -	- -	- -	- -	<1.128	<0.752	<0.752	<0.752	<0.376	<0.376	<0.376	<0.376
1,4-Dichlorobenzene	106-46-7	c	2.55	11.1	11.1	1.8j	0.96j	1.2j	1.2j	<0.302	<0.302	<0.302	0.42j
1,3-Dichlorobenzene	541-73-1	- -	- -	- -	- -	<0.906	<0.604	<0.604	<0.604	<0.302	<0.302	<0.302	<0.302
1,2-Dichlorobenzene	95-50-1	n	209	876	876	<0.705	<0.47	<0.47	<0.47	<0.235	<0.235	<0.235	<0.235
Dichlorodifluoromethane	75-71-8	n	104	438	438	3.11	3.2	3.2	3.07	3.11	3.5	10.3	2.52
1,2-Dichloroethane	107-06-2	c	1.08	4.72	4.72	<0.72	<0.48	<0.48	<0.48	0.243j	2.06	<0.24	14.9
1,1-Dichloroethane	75-34-3	c	17.5	76.7	76.7	<0.561	<0.374	<0.374	<0.374	<0.187	<0.187	<0.187	<0.187
1,1-Dichloroethene	75-35-4	n	209	876	876	<0.63	<0.42	<0.42	<0.42	<0.21	<0.21	<0.21	<0.21
cis-1,2-Dichloroethene	156-59-2	- -	- -	- -	- -	<0.591	<0.394	<0.394	<0.394	<0.197	<0.197	<0.197	<0.197
trans-1,2-Dichloroethene	156-60-5	c	- -	- -	- -	<0.693	<0.462	<0.462	<0.462	<0.231	<0.231	<0.231	<0.231
1,2-Dichloropropane	78-87-5	n	4.17	17.5	17.5	<0.84	<0.56	<0.56	<0.56	<0.28	<0.28	<0.28	<0.28
trans-1,3-Dichloropropene	10061-02-6	- -	- -	- -	- -	<0.594	<0.396	<0.396	<0.396	<0.198	<0.198	<0.198	<0.198
cis-1,3-Dichloropropene	10061-01-5	- -	- -	- -	- -	<0.702	<0.468	<0.468	<0.468	<0.234	<0.234	<0.234	<0.234
Dichlorotetrafluoroethane (1,2-)	76-14-2	- -	- -	- -	- -	<1.338	<0.892	<0.892	<0.892	<0.446	<0.446	<0.446	<0.446
1,4-Dioxane	123-91-1	c	5.62	24.5	24.5	<0.471	<0.314	<0.314	<0.314	<0.157	<0.157	<0.157	<0.157
1,2-Dibromoethane (EDB)	106-93-4	c	0.0468	0.204	0.204	<1.026	<0.684	<0.684	<0.684	<0.342	<0.342	<0.342	<0.342
Ethanol	64-17-5	- -	- -	- -	- -	130	109	104	87	870	1320	670	330
Ethyl acetate	141-78-6	n	73	307	307	<0.528	<0.352	<0.352	<0.352	2.85	7.0	7.2	15.7
Ethylbenzene	100-41-4	c	11.2	49.1	49.1	*38*	*37*	*37*	*33*	0.91	2.86	8.6	4.1
4-Ethyltouene	622-96-8	- -	- -	- -	- -	15.3	15	15.5	11.6	<0.214	0.39j	4.8	0.39j
n-Heptane	142-82-5	n	417	1,750	1,750	46	44	44	42	0.75j	2.78	8.2	1.39
Hexachloro-1,3-butadiene	87-68-3	c	1.28	5.57	5.57	<1.467	<0.978	<0.978	<0.978	<0.489	<0.489	<0.489	<0.489
n-Hexane	110-54-3	n	730	1,750	1,750	45	39	39	36	7.9	14.2	23.5	10.3
2-Hexanone	591-78-6	n	31.3	131	131	<0.666	<0.444	<0.444	<0.444	0.286j	<0.222	<0.222	<0.222
2-Propanol (Isopropanol)	67-63-0	n	209	876	876	<0.327	<0.218	<0.218	<0.218	5.9	57	21.8	46
2-Butanone (MEK)	78-93-3	n	5,210	21,900	21,900	4.8	5.4	4.10	3.07	3.15	11.6	4.80	6.4
4-Methyl-2-pentanone (MIBK)	108-11-2	n	3,130	13,100	13,100	<0.504	1.15	<0.336	<0.336	0.41j	0.78	0.86	0.61
Methyl Methacrylate	80-62-6	n	730	3,070	3,070	<0.651	<0.434	<0.434	<0.434	<0.217	0.37j	<0.217	2.87j
Methylene Chloride	75-09-2	n	626	2,630	2,630	<45	<30	<30	<30	15.9	<15	<15	<15
Methyl-tert-butyl ether (MTBE)	1634-04-4	c	108	472	472	<0.48	<0.32	<0.32	<0.32	<0.16	<0.16	<0.16	<0.16
Naphthalene	91-20-3	n	0.826	3.61	3.61	**7.8**	**6.2**	**5.9**	**3.7j**	*0.89j*	*1.67j*	*1.62j*	*1.15j*
Propylene	115-07-1	n	3,130	13,100	13,100	<0.237	<0.158	<0.158	<0.158	<0.079	<0.079	<0.079	9.2
Styrene	100-42-5	n	1,040	4,380	4,380	0.64j	0.6j	0.43j	<0.362	0.68	1.32	22.9	7.1
1,1,2,2-Tetrachloroethane	79-34-5	c	0.484	2.11	2.11	<0.975	<0.65	<0.65	<0.65	<0.325	<0.325	<0.325	<0.325
Tetrachloroethene (PCE)	127-18-4	n	41.7	175	175	5.7	8.7	14.4	<0.556	<0.278	1.09	1.43	0.48j
Tetrahydrofuran	109-99-9	n	2,090	8,760	8,760	<0.393	<0.262	<0.262	<0.262	0.68	1.27	15.1	0.50
Toluene	108-88-3	n	5,210	21,900	21,900	245	236	239	221	3.05	6.0	40	7.6
1,2,4-Trichlorobenzene	120-82-1	n	2.09	8.76	8.76	<1.971	<1.314	<1.314	<1.314	<0.657	<0.657	<0.657	<0.657
1,1,1-Trichloroethane	71-55-6	n	5,210	21,900	21,900	<0.747	<0.498	<0.498	<0.498	<0.249	<0.249	<0.249	<0.249
1,1,2-Trichloroethane	79-00-5	n	0.209	0.876	0.876	<0.774	<0.516	<0.516	<0.516	<0.258	<0.258	<0.258	<0.258
Trichloroethene (TCE)	79-01-6	- -	2.09	8.76	8.76	<0.711	1.71	<0.474	<0.474	<0.237	<0.237	0.48j	<0.237
Trichlorofluoromethane	75-69-4	n	- -	- -	- -	2.36j	2.13j	2.02j	1.8j	1.69	1.8	1.4	1.24
Trichlorotrifluoroethane (1,1,2-)	76-13-1	n	5,210	21,900	21,900	<1.206	<0.804	<0.804	<0.804	0.61j	0.54j	0.54j	0.54j
1,2,4-Trimethylbenzene (TMB)	95-63-6	n	62.6	263	263	54	52	55	37	0.69j	1.42	18.4	1.57
1,3,5-Trimethylbenzene (TMB)	108-67-8	c	62.6	263	263	12.2	11.6	12.5	8.3	<0.232	0.34j	4.4	0.34j
Vinyl acetate	108-05-4	n	209	876	876	<0.609	<0.406	<0.406	<0.406	<0.203	<0.203	<0.203	<0.203
Vinyl chloride	75-01-4	n	1.68	27.9	27.9	<0.444	<0.296	<0.296	<0.296	<0.148	<0.148	<0.148	<0.148
Xylene, m,p-	1330-20-7	n	104	438	438	137	132	134	117	2.17	4.3	28	4.9
Xylene, o-		n				51	50	51	43	0.78	1.69	10.9	2.64

Notes:
VAL = Vapor Action Level
< = Concentration Below Laboratory Detection Limit
- = Not Sampled/Collected
- - = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
c = carcinogen
n = non-carcinogen
Target Risk for Carcinogens = 1.00E-05
Target Hazard Quotient for Non-Carcinogens = 1

Immediate Action Criteria for Indoor Air
Carinogens (c) = 10 x VAL
Non-carinogens (n) = 3 x VAL

Italics	= Exceeds US EPA Residential VAL
Bold	= Exceeds US EPA Commercial VAL
Underlined	= Exceeds Immediate Action Criteria for Indoor Air

TABLE 4b
SUB-SLAB AIR SAMPLING RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

					Sample -->	***VP1***	***VP2***	***VP3***	***SS856M***		***SS714L***		***SP714L***	
					Collected By-->	***AD***	***AD***	***AD***	***AD***	***AD***	***AD***	***AD***	***AD***	***AD***
					Sample Date-->	***10/26/21***	***10/26/21***	***10/26/21***	***4/14/22***	***8/22/22***	***4/14/22***	***8/22/22***	***4/14/22***	***8/22/22***
WDNR Common VOC's (µg/m³)	**CAS Number**	carcinogen	***Sub-Slab VRSL***											
			Residential [R] (AF = 0.03)	Small Commercial [SC] (AF = 0.03)	Large Commercial/ Industrial [LC/I] (AF = 0.01)									
cis-1,2-Dichloroethene	156-59-2	- -	- -	- -	- -	354	8,380	0.74j	<0.197	<0.197	<0.197	<0.197	<0.197	<0.197
trans-1,2-Dichloroethene	156-60-5	- -	- -	- -	- -	33.5j	246	069j	<0.231	<0.231	<0.231	<0.231	<0.231	<0.231
Tetrachloroethene (PCE)	127-18-4	n	1,390	5,840	17,500	***<u>254,000</u>***	***<u>409,000</u>***	56.4	64	93	13.7	24.8	2.17	3.3
Trichloroethene (TCE)	79-01-6	n	69.5	292	876	***<u>3,520</u>***	***<u>14,700</u>***	3.7	1.61	2.84	1.12	1.29	0.268j	0.70j
Vinyl chloride	75-01-4	c	55.9	929	2,790	29.9j	44.0j	<0.15	0.256j	<0.148	0.23j	<0.148	<0.148	<0.148

<u>Notes:</u>
Indoor Air Standards based on US EPA Vapor Intrusion Screening Levels (VISL) online calculator.
VISL Calculated on Date: **6/14/2019**
AF = Attenuation Factor
VAL = Vapor Action Level
VRSL = Vapor Risk Screening Level
< = Concentration Below Laboratory Detection Limit
- = Not Sampled/Collected
- - = No Standard/Not Applicable
J = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ)
c = carcinogen
n = non-carcinogen
Target Risk for Carcinogens = 1.00E-05
Target Hazard Quotient for Non-Carcinogens = 1

Italics	= Exceeds US EPA Residential VRSL
Bold	= Exceeds US EPA Small Commercial VRSL
<u>Underlined</u>	= Exceeds US EPA Large Commercial/Industrial VRSL

TABLE 4c
SEWER VAPOR SAMPLING RESULTS
FORMER V&L STRIPPING
864 MATHER STREET
GREEN BAY, WI 54303

					Sample Address-->	**Sewer**	**Sewer**	**Sewer**
					Sample Location-->	***Downgradient***	***Indoor***	***Upgradient***
					Collected By-->	***AD***	***AD***	***AD***
					Sample Date-->	***3/29/2022***	***3/29/2022***	***3/29/2022***
TO-15 VOC's (µg/m³)	**CAS Number**	carcinogen	***Sub-Slab VRSL***					
			Residential [R] (AF = 0.03)	Small Commercial [SC] (AF = 0.03)	Large Commercial/ Industrial [LC/I] (AF = 0.01)			
Acetone	67-64-1	n	1,070,000	4,510,000	13,500,000	18.7	4200	86
Benzene	71-43-2	c	120	524	1,570	1.34	44	3.4
Benzyl chloride	100-44-7	c	19.1	83.4	250	<0.209	<0.209	<0.209
Bromodichloromethane	75-27-4	c	25.3	110	331	<0.374	<0.374	<0.374
Bromoform	75-25-2	c	851	3,720	11,100	<0.414	<0.414	<0.414
Bromomethane	74-83-9	n	174	730	2,190	<0.2	<0.2	<0.2
1,3-Butadiene	106-99-0	c	31.2	136	409	<0.143	8.6	<0.143
Carbon disulfide	75-15-0	c	24,300	102,000	307,000	<0.138	0.44j	0.44j
Carbon tetrachloride	56-23-5	c	156	681	2,040	0.44j	0.57j	0.5j
Chlorobenzene	108-90-7	c	1,740	7,300	21,900	<0.251	<0.251	<0.251
Chloroethane	75-00-3	- -	- -	- -	- -	<0.159	<0.159	<0.159
Chloroform	67-66-3	c	40.7	178	533	<0.3	0.68j	<0.3
Chloromethane	74-87-3	n	3,130	13,100	39,400	1.01j	1.18j	0.91j
Chlorohexane	544-10-5	- -	- -	- -	- -	0.93	11.7	1.07
Dibromochloromethane	124-48-1	- -	- -	- -	- -	<0.376	<0.376	<0.376
1,4-Dichlorobenzene	106-46-7	c	85	372	1,110	<0.302	<0.302	<0.302
1,3-Dichlorobenzene	541-73-1	- -	- -	- -	- -	<0.302	<0.302	<0.302
1,2-Dichlorobenzene	95-50-1	n	6,950	29,200	87,600	<0.235	<0.235	<0.235
Dichlorodifluoromethane	75-71-8	n	3,480	14,600	43,800	2.97	2.62	2.77
1,2-Dichloroethane	107-06-2	c	36	157	472	<0.24	<0.24	<0.24
1,1-Dichloroethane	75-34-3	c	585	2,560	7,670	<0.187	<0.187	<0.187
1,1-Dichloroethene	75-35-4	n	6,950	29,200	87,600	<0.21	<0.21	<0.21
cis-1,2-Dichloroethene	156-59-2	- -	- -	- -	- -	<0.197	1.86	0.99
trans-1,2-Dichloroethene	156-60-5	c	- -	- -	- -	<0.231	<0.231	<0.231
1,2-Dichloropropane	78-87-5	n	139	584	1,750	<0.28	<0.28	<0.28
trans-1,3-Dichloropropene	10061-02-6	- -	- -	- -	- -	<0.198	<0.198	<0.198
cis-1,3-Dichloropropene	10061-01-5	- -	- -	- -	- -	<0.234	<0.234	<0.234
Dichlorotetrafluoroethane (1,2-)	76-14-2	- -	- -	- -	- -	<0.446	<0.446	<0.446
1,4-Dioxane	123-91-1	c	187	818	2,450	<0.157	<0.157	<0.157
1,2-Dibromoethane (EDB)	106-93-4	c	1.56	6.81	20	<0.342	<0.342	<0.342
Ethanol	64-17-5	- -	- -	- -	- -	17.7	440	60
Ethyl acetate	141-78-6	n	2,430	10,200	30,700	2.02	20.1	3.9
Ethylbenzene	100-41-4	c	374	1,640	4,910	1.82	31.5	4.5
4-Ethyltouene	622-96-8	- -	- -	- -	- -	0.59j	27.8	1.03
n-Heptane	142-82-5	n	13,900	58,400	175,000	2.45	22.1	3.11
Hexachloro-1,3-butadiene	87-68-3	c	42.5	186	557	<0.489	<0.489	<0.489
n-Hexane	110-54-3	n	24,300	102,000	307,000	1.69	37	4.2
2-Hexanone	591-78-6	n	1,040	4,380	13,100	<0.222	<0.222	<0.222
2-Propanol (Isopropanol)	67-63-0	n	6,950	29,200	87,600	3.1	59	5.9
2-Butanone (MEK)	78-93-3	n	174,000	730,000	2,190,000	1.15	66	6.9
4-Methyl-2-pentanone (MIBK)	108-11-2	n	104,000	438,000	1,310,000	0.49j	7.7	0.286j
Methyl Methacrylate	80-62-6	n	24,300	102,000	307,000	<0.217	<0.217	<0.217
Methylene Chloride	75-09-2	n	3,600	15,700	47,200	<15	16.3	15.9
Methyl-tert-butyl ether (MTBE)	1634-04-4	c	20,900	87,600	263,000	<0.16	<0.16	<0.16
Naphthalene	91-20-3	n	27.5	120	361	0.94j	4.7	0.78j
Propylene	115-07-1	n	104,000	438,000	1,310,000	<0.079	63	<0.079
Styrene	100-42-5	n	34,800	146,000	438,000	1.06	3.8	1.74
1,1,2,2-Tetrachloroethane	79-34-5	c	16.1	70.5	211	<0.325	<0.325	<0.325
Tetrachloroethene (PCE)	127-18-4	n	1,390	5,840	17,500	5.8	31.4	13
Tetrahydrofuran	109-99-9	n	69,500	292,000	876,000	0.65	9.2	2.03
Toluene	108-88-3	n	174,000	730,000	2,190,000	7.7	410	54
1,2,4-Trichlorobenzene	120-82-1	n	69.5	292	876	<0.657	<0.657	<0.657
1,1,1-Trichloroethane	71-55-6	n	174,000	730,000	2,190,000	<0.249	<0.249	<0.249
1,1,2-Trichloroethane	79-00-5	n	6.95	29.2	87.6	<0.258	<0.258	<0.258
Trichloroethene (TCE)	79-01-6	- -	69.5	292	876	0.268j	2.3	0.75j
Trichlorofluoromethane	75-69-4	n	- -	- -	- -	1.35	1.35	1.29
Trichlorotrifluoroethane (1,1,2-)	76-13-1	n	174,000	730,000	2,190,000	0.46j	0.54j	0.61j
1,2,4-Trimethylbenzene (TMB)	95-63-6	n	2,090	8,760	26,300	1.52	89	2.11
1,3,5-Trimethylbenzene (TMB)	108-67-8	c	2,090	8,760	26,300	0.44j	47	0.78
Vinyl acetate	108-05-4	n	6,950	29,200	87,600	<0.203	<0.203	<0.203
Vinyl chloride	75-01-4	n	55.9	929	2,790	<0.148	<0.148	<0.148
Xylene, m,p-	1330-20-7	n	3,480	14,600	43,800	5.9	73	14.3
Xylene, o-		n				1.82	16.2	4.9

Notes:
Indoor Air Standards based on US EPA Vapor Intrusion Screening Levels (VISL) online calculator.
VISL Calculated on Date: **6/14/2019**
AF = Attenuation Factor
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c = carcinogen
n = non-carcinogen
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Target Hazard Quotient for Non-Carcinogens = 1

Italics	= Exceeds US EPA Residential VRSL
Bold	= Exceeds US EPA Small Commercial VRSL
Underlined	= Exceeds US EPA Large Commercial/Industrial VRSL

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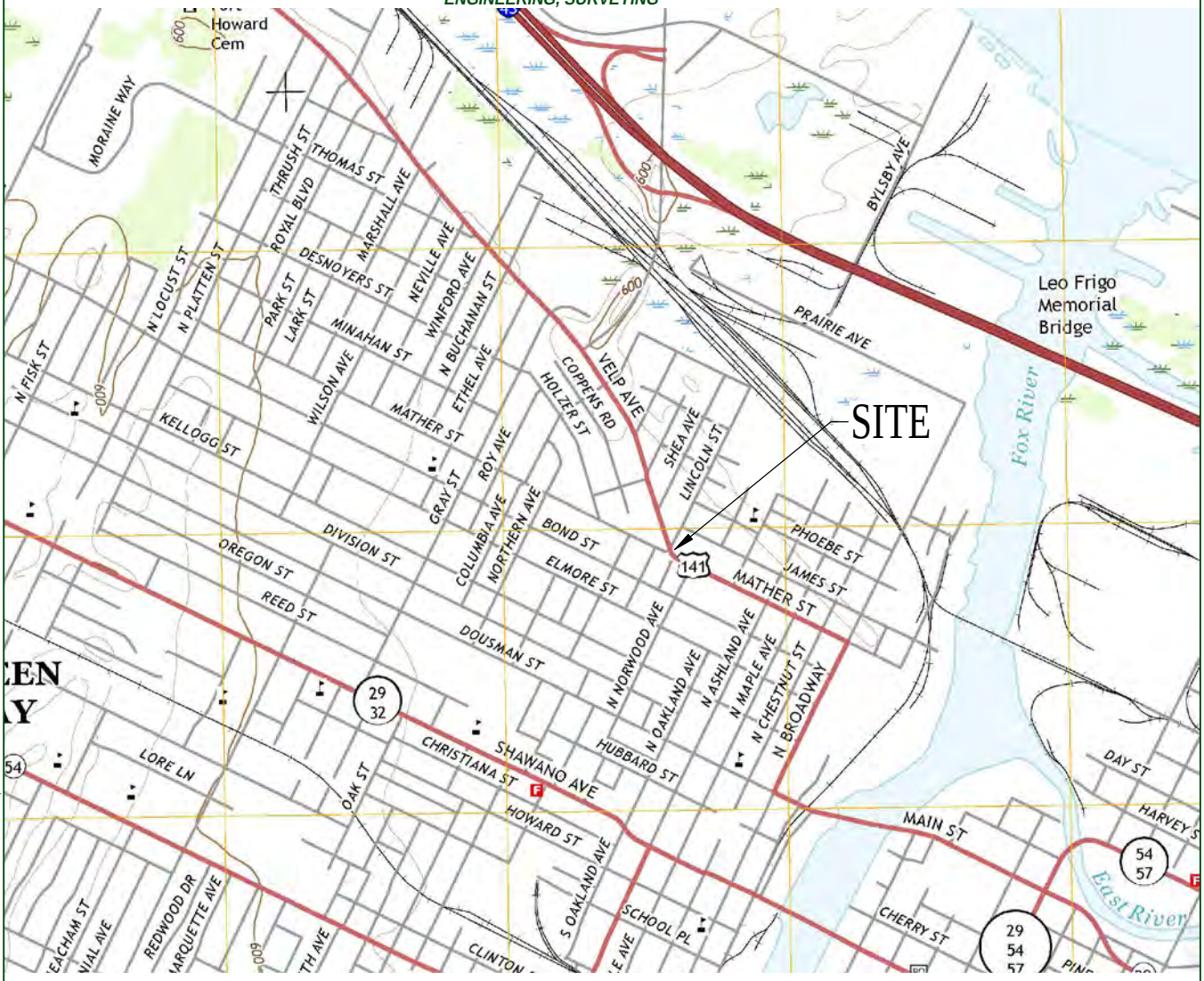

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MILES

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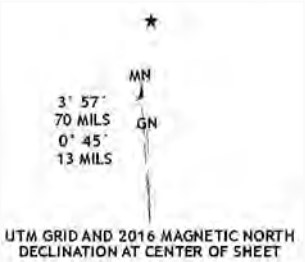
FEET

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988



UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

GREEN BAY WEST QUADRANGLE
WISCONSIN-BROWN CO.
7.5-MINUTE SERIES

QUADRANGLE LOCATION

REI ENGINEERING, INC.

V&L STRIPPING (FORMER)
864 MATHER STREET
GREEN BAY, WISCONSIN 54303

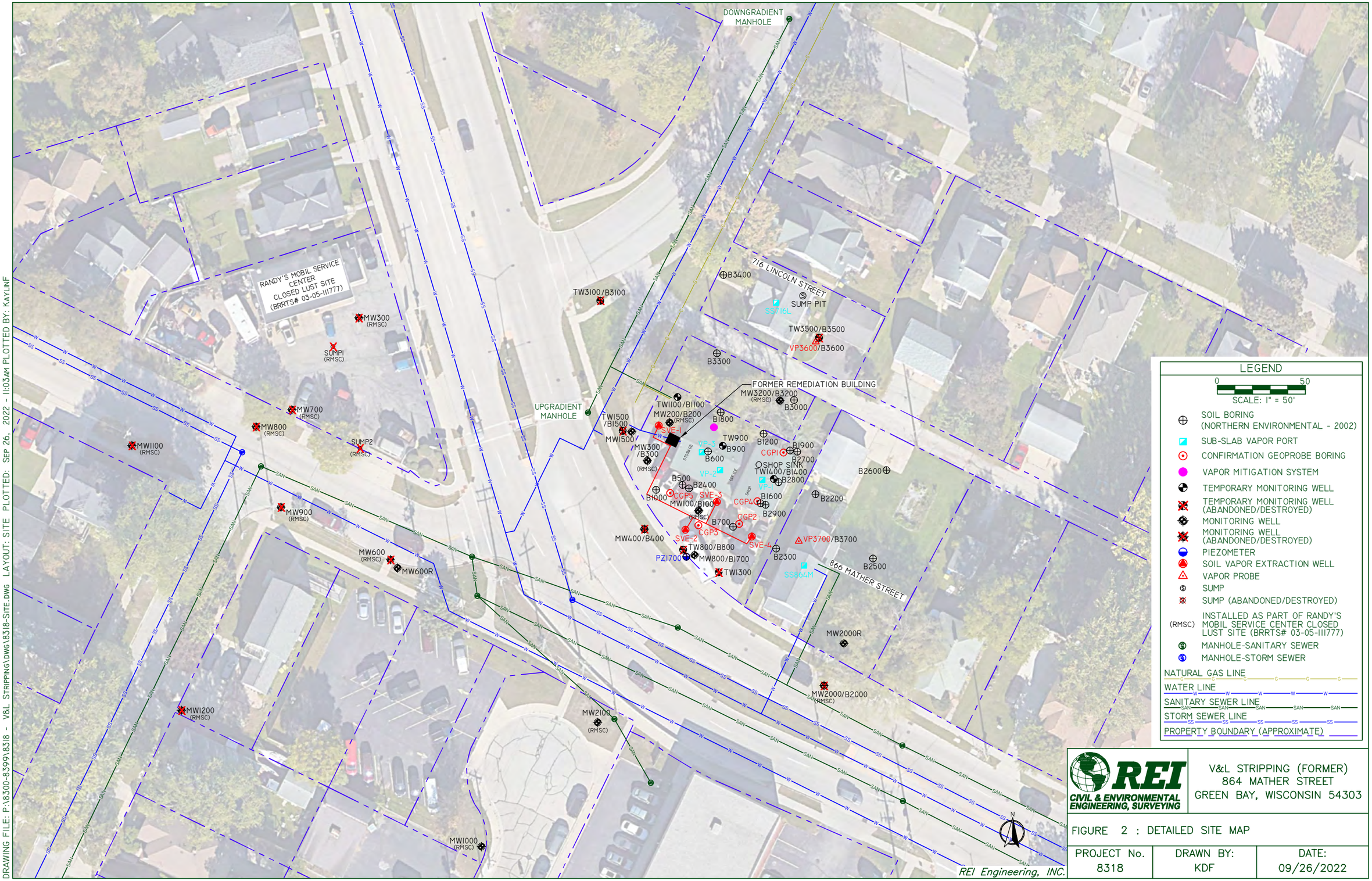
N

FIGURE 1 : VICINITY MAP

PROJECT NO.	DRAWN BY:	DATE:
8318	MCM	9/10/2018

DRAWING FILE: P:\8300-8399\8318 - V&L STRIPPING\DWG\8318-VICN.DWG LAYOUT: VICN PLOTTED: JAN 10, 2022 - 2:21PM PLOTTED BY: NATHANP

DRAWING FILE: P:\8300-8399\8318 - V&L STRIPPING\DWG\8318-SITE.DWG LAYOUT: SITE PLOTTED: SEP 26, 2022 - 11:03AM PLOTTED BY: KAYLINF



REI Engineering, INC.

REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

V&L STRIPPING (FORMER)
864 MATHER STREET
GREEN BAY, WISCONSIN 54303

FIGURE 2 : DETAILED SITE MAP

PROJECT No.	DRAWN BY:	DATE:
8318	KDF	09/26/2022

RANDY'S MOBIL SERVICE CENTER
CLOSED LUST SITE
(BRRTS# 03-05-111777)

MW300 (RMSC)
SUMP1 (RMSC)
MW700 (RMSC)
MW800 (RMSC)
MWI100 (RMSC)
SUMP2 (RMSC)
MW900 (RMSC)
MW600 (RMSC)
MW600R
MWI200 (RMSC)
MWI000 (RMSC)
MW2100 (RMSC)

TW3100/B3100
B3400
TW3500/B3500
VP3600/B3600
B3300
FORMER REMEDIATION BUILDING
MW3200/B3200 (RMSC)
B3000
TWI100/BI100
MW200/B200 (RMSC)
BI800
TWI500 /BI500
MWI500
SVE-1
STORAGE
OFFICE
SHOP
TW900
B900
B600
BI200
BI900
CGP1
B2700
MW300 /B300 (RMSC)
VP-2
TWI400/BI400
B2800
B500
B2400
BI000
CGP5
SVE-3
MWI00/BI00 (RMSC)
CGP4
BI600
B2200
B2600
B2900
B700
CGP2
CGP3
SVE-2
SVE-4
MW400/B400
VP3700/B3700
TW800/B800
PZI700
MW800/BI700
TWI300
B2300
B2500
MW2000R
MW2000/B2000 (RMSC)

N

REI Engineering, INC.

LEGEND

0 40
SCALE: 1" = 40'

- SOIL BORING (NORTHERN ENVIRONMENTAL - 2002)
- VAPOR MITIGATION SYSTEM
- RESIDUAL SOIL CONTAMINATION
- (RMSC) INSTALLED AS PART OF RANDY'S MOBIL SERVICE CENTER CLOSED LUST SITE (BRRTS# 03-05-111777)
- TEMPORARY MONITORING WELL (ABANDONED/DESTROYED)
- MONITORING WELL (ABANDONED/DESTROYED)
- MONITORING WELL
- PIEZOMETER
- TEMPORARY MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- VAPOR PROBE
- SUMP
- MANHOLE-SANITARY SEWER
- MANHOLE-STORM SEWER

NATURAL GAS LINE
WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
PROPERTY BOUNDARY (APPROXIMATE)

REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

V&L STRIPPING (FORMER)
864 MATHER STREET
GREEN BAY, WISCONSIN 54303

FIGURE 3 : RESIDUAL SOIL CONTAMINATION (PCE)

PROJECT No.	DRAWN BY:	DATE:
8318	NAP	01/06/22

DRAWING FILE: P:\8300-8399\8318 - V&L STRIPPING\DWG\8318-RESIDUAL SOIL CONTAMINATION PCE.DWG LAYOUT: RSC PLOTTED: JAN 10, 2022 - 2:22PM PLOTTED BY: NATHANP

RANDY'S MOBIL SERVICE CENTER
CLOSED LUST SITE
(BRRTS# 03-05-111777)

MW300 (RMSC)
SUMP1 (RMSC)
MW700 (RMSC)
MW800 (RMSC)
MWI100 (RMSC)
SUMP2 (RMSC)
MW900 (RMSC)
MW600 (RMSC)
MW600R
MWI200 (RMSC)
MWI000 (RMSC) 586.56
MW2100 (RMSC) 586.70

UPGRADIENT MANHOLE

TW3100/B3100
TWI500/BI500 586.96
MWI500
TWI100/BI100 588.88
MW200/B200 (RMSC)
SVE-1
MW300/B300 (RMSC)
586.9
586.8
586.8
586.7
586.7
586.57
586.76

STORAGE
OFFICE
SHOP

FORMER REMEDIATION BUILDING

MW3200/B3200 (RMSC) 587.10
B3000
BI800
TW900
B900
BI200
BI900
CGPI
B2700
SHOP SINK
TWI400/BI400
B2800
B2600
VP-3
VP-2
VP-1
B500
B2400
B1000
CGP5
SVE-3
MWI100/BI100 (RMSC)
CGP4
BI600
B2200
B2900
B700
CGP2
CGP3
SVE-2
SVE-4
MW400/B400
TW800/B800
PZI700
MW800/BI700
TWI300
B2300
VP3700/B3700
SS864M
B2500
866 MATHER STREET
MW2000R
MW2000/B2000 (RMSC)

B3400
716 LINCOLN STREET
SUMP PIT
SS716L
TW3500/B3500
VP3600/B3600
B3300

N

REI Engineering, INC.

LEGEND

SCALE: 1" = 40'

- VAPOR MITIGATION SYSTEM
- (RMSC) INSTALLED AS PART OF RANDY'S MOBIL SERVICE CENTER CLOSED LUST SITE (BRRTS# 03-05-111777)
- TEMPORARY MONITORING WELL (ABANDONED/DESTROYED)
- MONITORING WELL (ABANDONED/DESTROYED)
- MONITORING WELL
- PIEZOMETER
- TEMPORARY MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- VAPOR PROBE
- SUMP
- MANHOLE-SANITARY SEWER
- MANHOLE-STORM SEWER

NATURAL GAS LINE
WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
PROPERTY BOUNDARY (APPROXIMATE)

REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

V&L STRIPPING (FORMER)
864 MATHER STREET
GREEN BAY, WISCONSIN 54303

FIGURE 4 : GROUNDWATER FLOW (03/29/2022)

PROJECT No.	DRAWN BY:	DATE:
8318	KDF	09/26/2022

DRAWING FILE: P:\8300-8399\8318 - V&L STRIPPING\DWG\8318-GW FLOW-032922.DWG LAYOUT: GW PLOTTED: SEP 26, 2022 - 11:48AM PLOTTED BY: KAYLINF

RANDY'S MOBIL SERVICE CENTER
CLOSED LUST SITE
(BRRTS# 03-05-111777)

MW300 (RMSC)
SUMP1 (RMSC)
MW700 (RMSC)
MW800 (RMSC)
MW1100 (RMSC)
SUMP2 (RMSC)
MW900 (RMSC)
MW600 (RMSC)
MW600R
MW1200 (RMSC)
MW1000 (RMSC)
MW2100 (RMSC)

TW3100/B3100
UPGRADIENT MANHOLE

716 LINCOLN STREET
B3400
SUMP PIT
SS716L
TW3500/B3500
VP3600/B3600
B3300

FORMER REMEDIATION BUILDING
MW3200/B3200 (RMSC)
B3000
TW1100/B1100
MW2200/B2200 (RMSC)
B1800
TW1500
B1500
MW1500
SVE-1
STORAGE
OFFICE
SHOP
VP-3
TW900
B900
B600
B1200
CGP1
B1900
B2700
MW300/B300 (RMSC)
SHOP SINK
TW1400
B1400
B2800
VP-2
VP-1
B500
B2400
B1000
CGP5
SVE-3
MW1100/B1100 (RMSC)
CGP4
B1600
B2900
B2200
B2600
CGP2
B700
CGP3
SVE-2
SVE-4
MW400/B400
TW800/B800
PZ1700
MW800/B1700
TW1700
VP3700/B3700
B2300
B2500
SS864M
866 MATHER STREET
MW2000R
MW2000/B2000 (RMSC)

N

REI Engineering, INC.

LEGEND

0 40
SCALE: 1" = 40'

- VAPOR MITIGATION SYSTEM
- CIS-1,2 DCE >NR140 ES
- VINYL CHLORIDE >NR140 ES
- TRANS-1,2 DCE >NR140 ES
- (RMSC) INSTALLED AS PART OF RANDY'S MOBIL SERVICE CENTER CLOSED LUST SITE (BRRTS# 03-05-111777)
- TEMPORARY MONITORING WELL (ABANDONED/DESTROYED)
- MONITORING WELL (ABANDONED/DESTROYED)
- MONITORING WELL
- PIEZOMETER
- TEMPORARY MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- VAPOR PROBE
- SUMP
- MANHOLE-SANITARY SEWER
- MANHOLE-STORM SEWER
- NATURAL GAS LINE
- WATER LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- PROPERTY BOUNDARY (APPROXIMATE)

REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

V&L STRIPPING (FORMER)
864 MATHER STREET
GREEN BAY, WISCONSIN 54303

FIGURE 5B : GROUNDWATER ISOCONCENTRATION (03/29/2022)

PROJECT No.	DRAWN BY:	DATE:
8318	KDF	09/27/2022

DRAWING FILE: P:\8300-8399\8318 - V&L STRIPPING\DWG\8318-GW ISO DCE CIS VC-032922.DWG LAYOUT: GW PLOTTED: SEP 27, 2022 - 11:26AM PLOTTED BY: KAYLINF

RANDY'S MOBIL SERVICE CENTER
CLOSED LUST SITE
(BRRTS# 03-05-111777)

MW300 (RMSC)
SUMP1 (RMSC)
MW700 (RMSC)
MW800 (RMSC)
MWI100 (RMSC)
SUMP2 (RMSC)
MW900 (RMSC)
MW600 (RMSC)
MW600R
MWI200 (RMSC)
MWI000 (RMSC)
MW2100 (RMSC)
MW2000R
MW2000/B2000 (RMSC)

TW3100/B3100
UPGRADIENT MANHOLE
716 LINCOLN STREET
SUMP PIT
SS716L
B3400
TW3500/B3500
VP3600/B3600
B3300
FORMER REMEDIATION BUILDING
MW3200/B3200 (RMSC)
B3000
TWI100/BI100
MW200/B200 (RMSC)
BI800
TWI500 /BI500
MWI500
SVE-1
STORAGE
OFFICE
SHOP
VP-3
VP-2
VP-1
MW300 /B300 (RMSC)
B600
B900
BI200
BI900
B2700
SHOP SINK
TWI400/BI400
B2400
B500
BI000
CGP5
SVE-3
MWI00/BI00 (RMSC)
CGP4
BI600
B2200
B2600
B700
CGP2
B2900
CGP3
SVE-2
SVE-4
MW400/B400
TW800/B800
PZI700
MW800/BI700
TWI300
VP3700/B3700
B2300
SS864M
B2500
866 MATHER STREET

LEGEND

0 40
SCALE: 1" = 40'

VAPOR MITIGATION SYSTEM
PCE >NRI40 ES
TCE >NRI40 ES
(RMSC) INSTALLED AS PART OF RANDY'S MOBIL SERVICE CENTER CLOSED LUST SITE (BRRTS# 03-05-111777)
TEMPORARY MONITORING WELL (ABANDONED/DESTROYED)
MONITORING WELL (ABANDONED/DESTROYED)
MONITORING WELL
PIEZOMETER
TEMPORARY MONITORING WELL
SOIL VAPOR EXTRACTION WELL
VAPOR PROBE
SUMP
MANHOLE-SANITARY SEWER
MANHOLE-STORM SEWER
NATURAL GAS LINE
WATER LINE
SANITARY SEWER LINE
STORM SEWER LINE
PROPERTY BOUNDARY (APPROXIMATE)

REI Engineering, INC.

REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

V&L STRIPPING (FORMER)
864 MATHER STREET
GREEN BAY, WISCONSIN 54303

FIGURE 5A : GROUNDWATER ISOCONCENTRATION (03/29/2022)

PROJECT No.	DRAWN BY:	DATE:
8318	KDF	09/26/2022

DRAWING FILE: P:\8300-8399\8318 - V&L STRIPPING\DWG\8318-GW ISO TCE PCE-032922.DWG LAYOUT: GW PLOTTED: SEP 27, 2022 - 11:58AM PLOTTED BY: KAYLINF

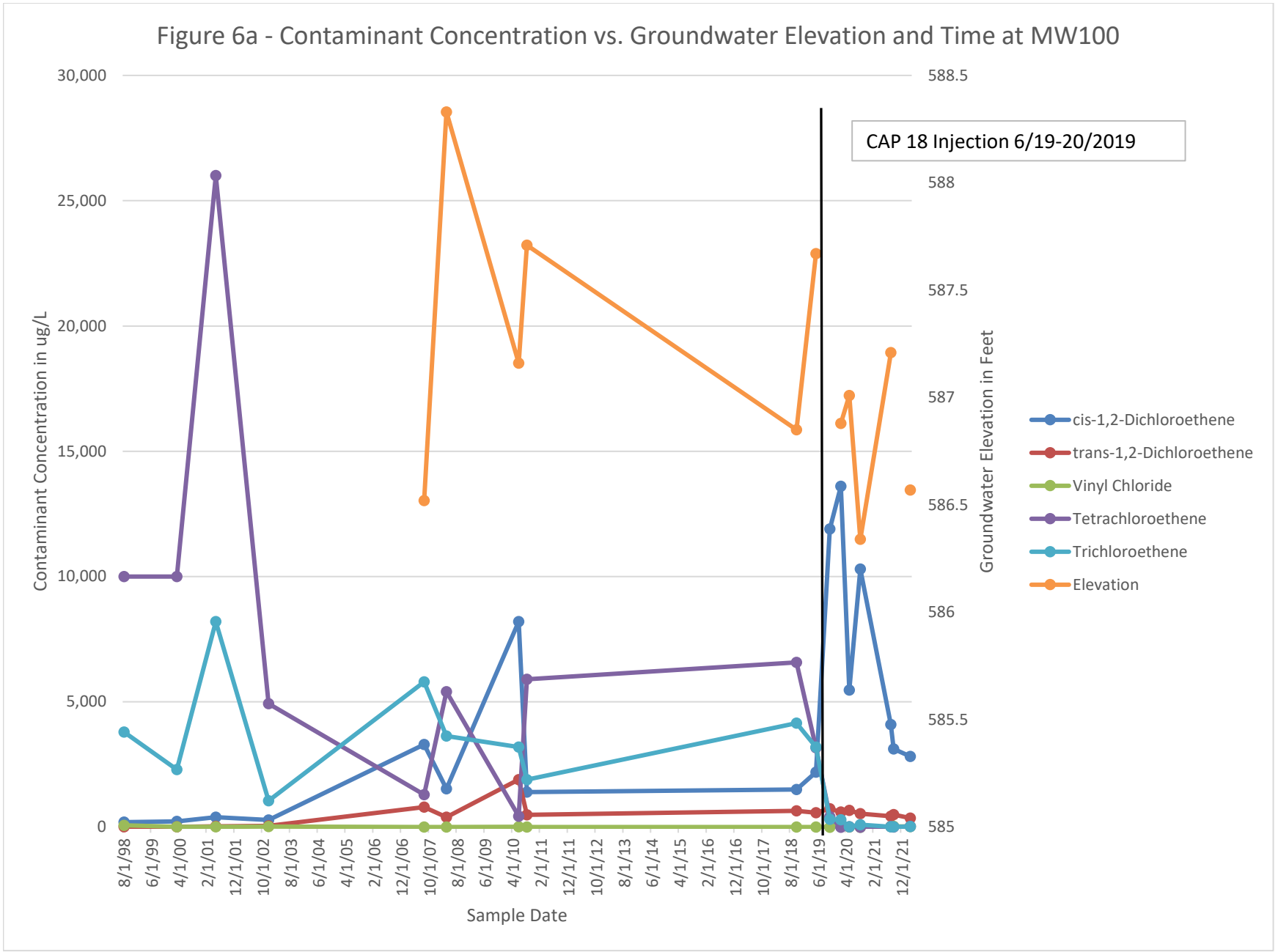
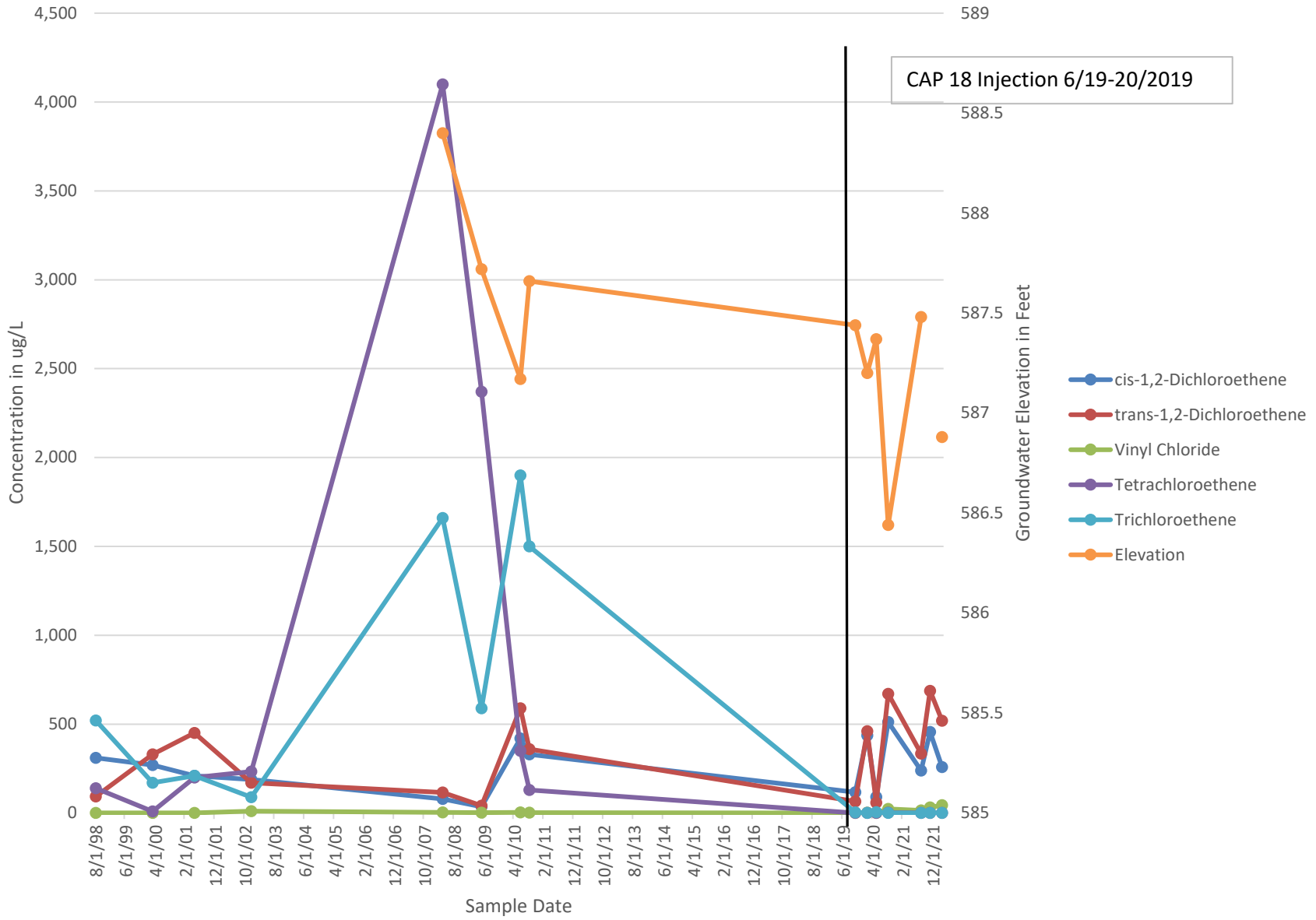


Figure 6a - Contaminant Concentration vs. Groundwater Elevation and Time at MW100
CAP 18 Injection 6/19-20/2019
Contaminant Concentration in ug/L
Groundwater Elevation in Feet
Sample Date
30,000
25,000
20,000
15,000
10,000
5,000
0
588.5
588
587.5
587
586.5
586
585.5
585
8/1/98
6/1/99
4/1/00
2/1/01
12/1/01
10/1/02
8/1/03
6/1/04
4/1/05
2/1/06
12/1/06
10/1/07
8/1/08
6/1/09
4/1/10
2/1/11
12/1/11
10/1/12
8/1/13
6/1/14
4/1/15
2/1/16
12/1/16
10/1/17
8/1/18
6/1/19
4/1/20
2/1/21
12/1/21
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
Vinyl Chloride
Tetrachloroethene
Trichloroethene
Elevation

Figure 6b - Contaminant Concentration vs. Groundwaer Elevation and Time at MW200



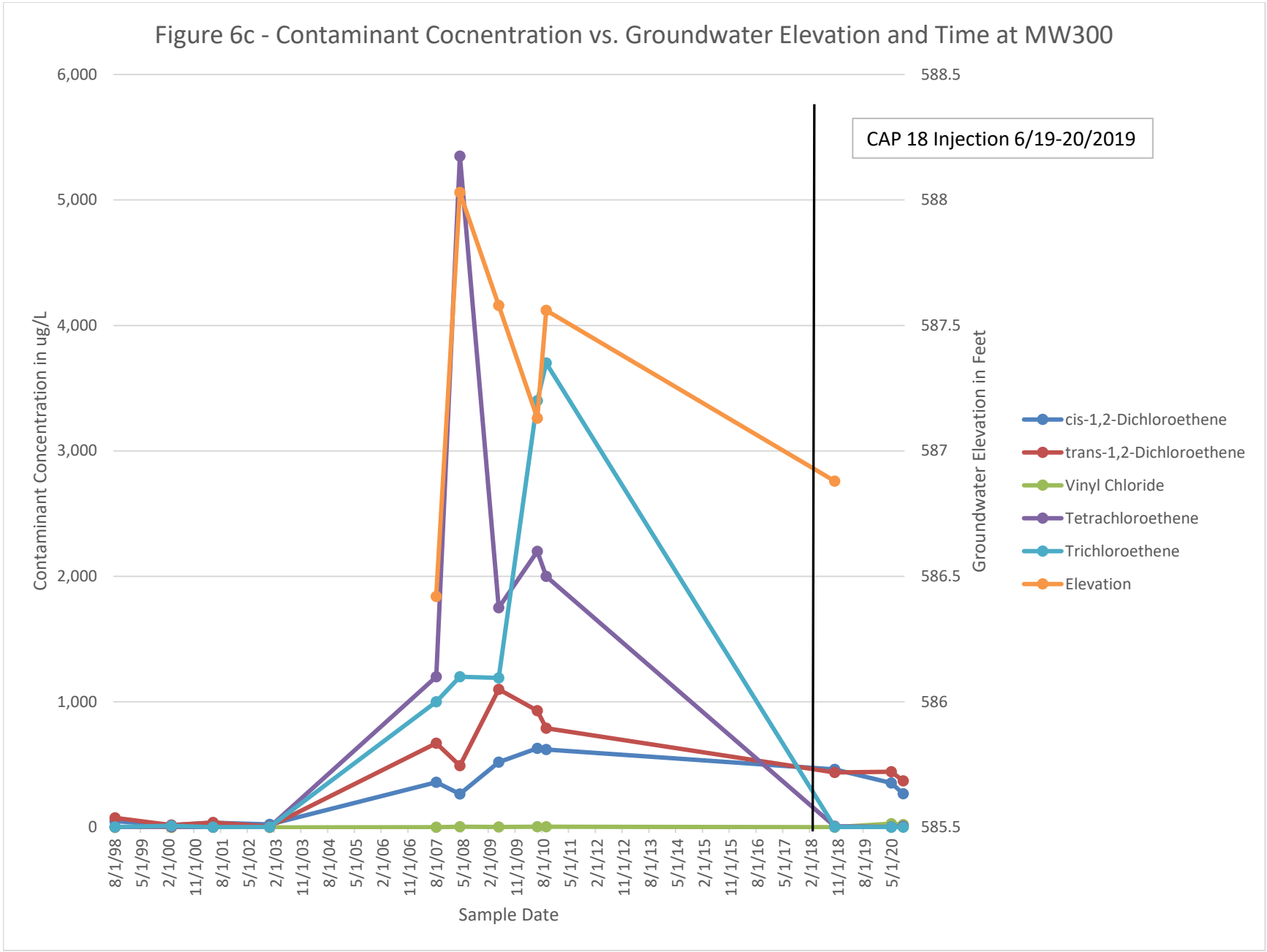
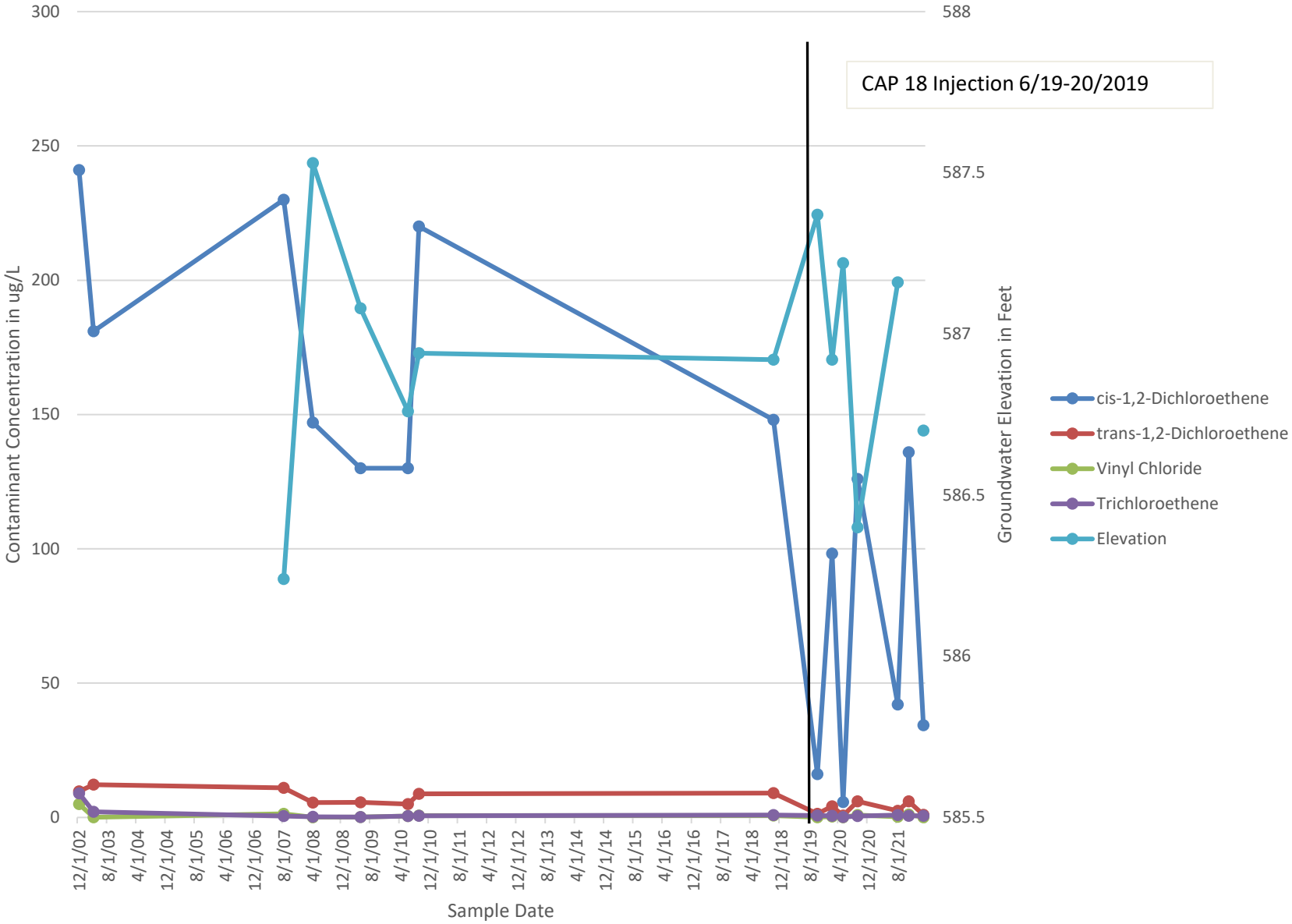


Figure 6c - Contaminant Cocnentration vs. Groundwater Elevation and Time at MW300
CAP 18 Injection 6/19-20/2019
Contaminant Concentration in ug/L
Groundwater Elevation in Feet
Sample Date
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
Vinyl Chloride
Tetrachloroethene
Trichloroethene
Elevation
6,000
5,000
4,000
3,000
2,000
1,000
0
588.5
588
587.5
587
586.5
586
585.5
8/1/98
5/1/99
2/1/00
11/1/00
8/1/01
5/1/02
2/1/03
11/1/03
8/1/04
5/1/05
2/1/06
11/1/06
8/1/07
5/1/08
2/1/09
11/1/09
8/1/10
5/1/11
2/1/12
11/1/12
8/1/13
5/1/14
2/1/15
11/1/15
8/1/16
5/1/17
2/1/18
11/1/18
8/1/19
5/1/20

Figure 6d - Contaminant Concentration vs. Groundwater Elevation and Time at MW2100



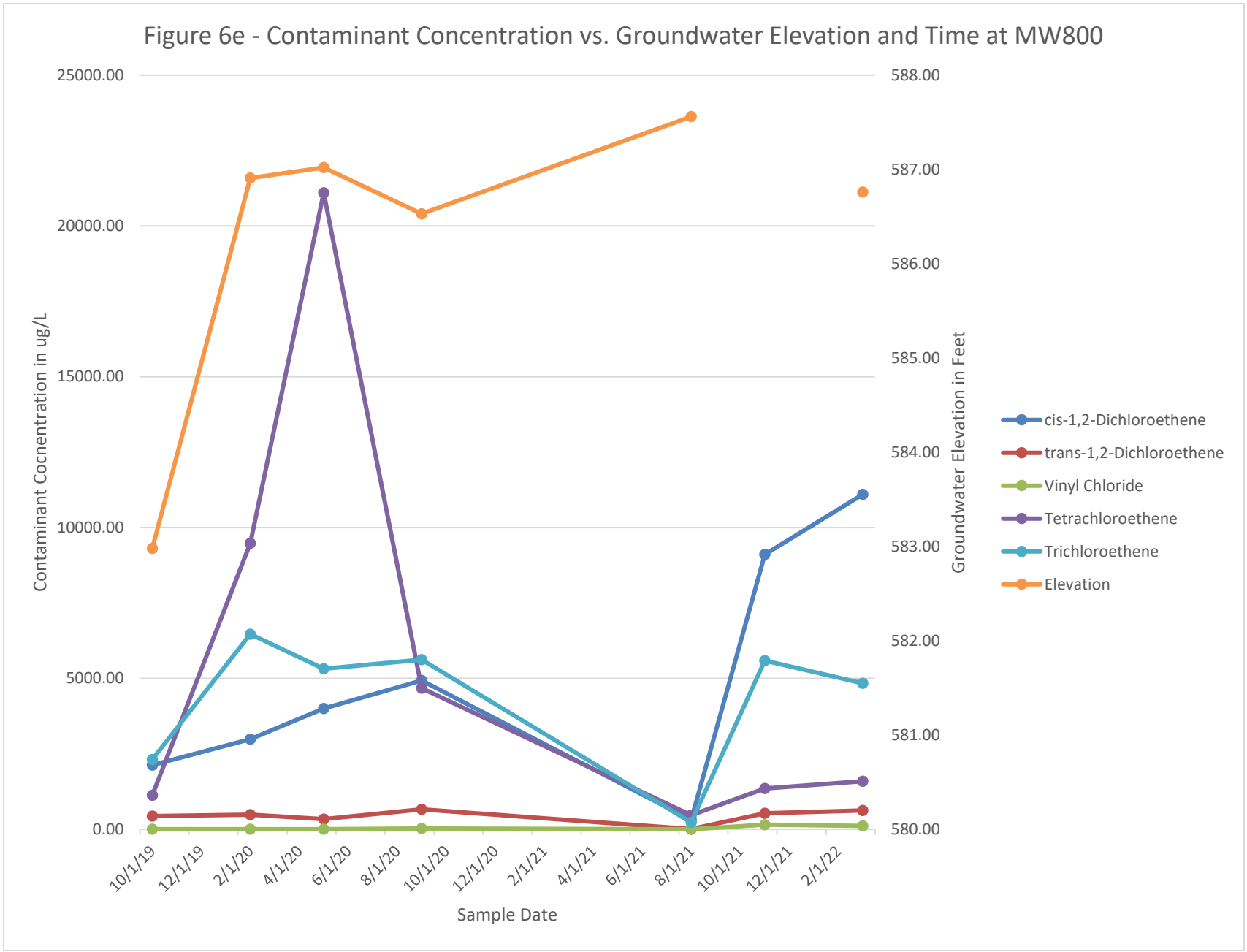


Figure 6e - Contaminant Concentration vs. Groundwater Elevation and Time at MW800
25000.00
20000.00
15000.00
10000.00
5000.00
0.00
Contaminant Cocnentration in ug/L
588.00
587.00
586.00
585.00
584.00
583.00
582.00
581.00
580.00
Groundwater Elevation in Feet
10/1/19
12/1/19
2/1/20
4/1/20
6/1/20
8/1/20
10/1/20
12/1/20
2/1/21
4/1/21
6/1/21
8/1/21
10/1/21
12/1/21
2/1/22
Sample Date
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
Vinyl Chloride
Tetrachloroethene
Trichloroethene
Elevation

Figure 6f - Contaminant Concentration vs. Time at TW1400

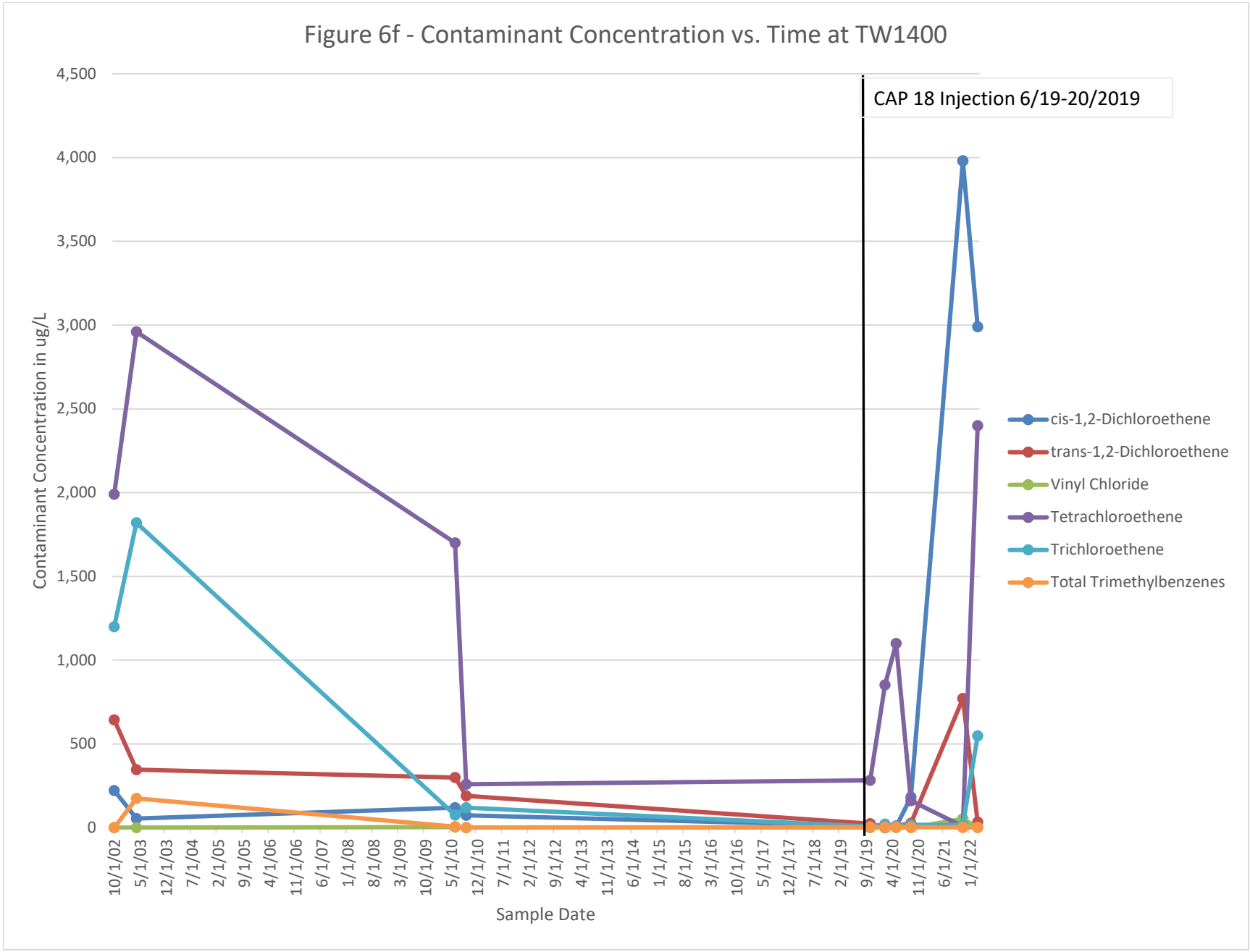
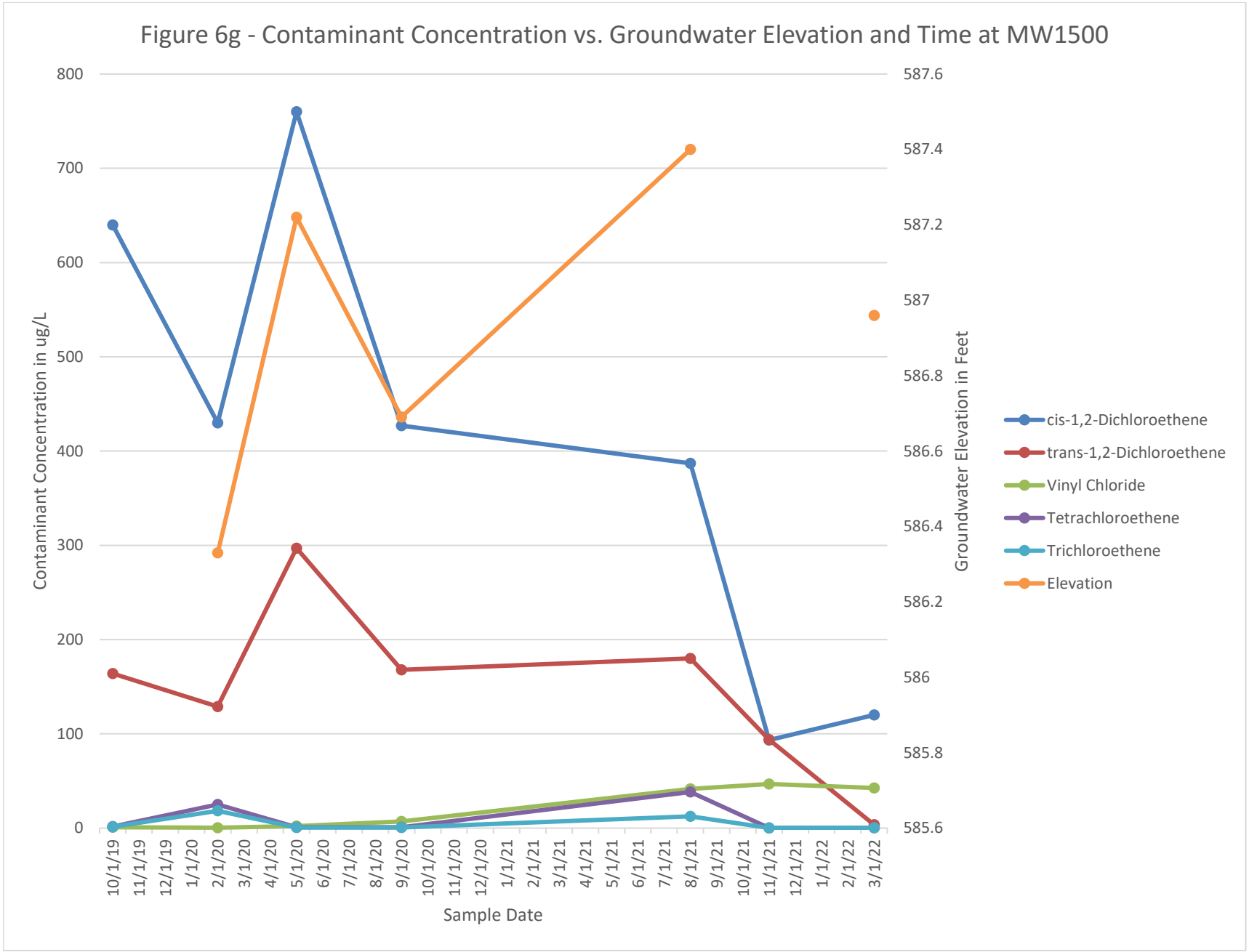


Figure 6g - Contaminant Concentration vs. Groundwater Elevation and Time at MW1500



ATTACHMENT A

VAPOR MITIGATION SYSTEM
OPERATION, MAINTENANCE, AND MONITORING PLAN

D.1 VAPOR MITIGATION SYSTEM MAINTENANCE PLAN

September 23, 2022

Property Located at:
864 Mather Street, Green Bay, WI 54303

FID #: 405100300

WDNR BRRTS #: 02-05216722

Parcel Identification #: 5-166

Introduction

This document is the Maintenance Plan for a Vapor Mitigation System at the above-referenced property in accordance with the requirements of s. NR 724.13 (2), Wis. Adm. Code. The maintenance activities relate to the existing sub-slab vapor depressurization system (SSDS) which addresses or occupies the area over the contaminated soil & groundwater plume.

More site-specific information about this property/site may be found in:

- The case file in the DNR West Central Region office.
- At http://dnr.wi.gov/topic/Brownfields/wrrd.html, which includes:
  - BRRTS on the Web (DNR's internet-based data base of contaminated sites) for the link to a PDF for site-specific information at the time of closure and on continuing obligations.
  - RR Sites Map for a map view of the site.
- The DNR project manager for Brown County.

Description of Contamination

Soil contaminated by chlorinated compounds (primarily tetrachloroethylene [PCE]) is located at a depth of 2 feet to 8 feet below ground surface located on the subject property. Groundwater contaminated by chlorinated compounds (PCE, Trichloroethylene [TCE], cis-1,2 Dichloroethene [cis-1,2 DCE], trans-1,2 Dichloroethene [trans-1,2 DCE], and vinyl chloride) is located at a depth of 8 to 20 feet below ground surface. The extent of the soil and groundwater contamination is shown on the attached Figure D.2 – Site Map.

D.1 VAPOR MITIGATION SYSTEM MAINTENANCE PLAN

Description of the Vapor Mitigation System to be Maintained

The Vapor Mitigation System consists of one (1) sub-slab depressurization system (SSDS) installed at 864 Mather Street, Green Bay, WI. The SSDS utilizes Schedule 40, 3'' PVC pipe and Radonaway RP145 intrinsically safe fan.

The SSDS includes (1) the collection point, (2) interior piping, (3) intrinsically safe fan, and manometer/pressure gauge. The collection point consists of a core drilled hole sealed into the concrete in the northwest corner of the building. The interior piping includes one (1) 3'' PVC pipe extending from the collection point through the wall, extending vertically on the exterior of the building approximately sixteen (16) inches above the roof line.

The vapor mitigation system is shown on the attached Figure D.2. Photographs are included in D.3.

Vapor Mitigation System Purpose

The Vapor Mitigation System installed at the subject property serves to actively prevent direct human contact with CVOC vapor due to off gas from documented residual soil and groundwater contamination that might otherwise pose a threat to human health.

Annual Inspection

The Vapor Mitigation System installed at the subject property designed to actively remove the vapor pathway for chlorinated compounds from entering the former V&L Stripping building as depicted in Figure D.2, will be inspected at least once a year. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate the fan and pressure gauge to ensure the system is operational.

A log of the inspections and any repairs will be maintained by the property owner and is included as D.4, Form 4400-321, Vapor Mitigation System Inspection Log. The log will include recommendations for necessary repair of the Vapor Mitigation System. Once repairs are completed, they will be documented in the inspection log. A copy of the maintenance plan and inspection log will be kept at the site and available for submittal or inspection by Wisconsin Department of Natural Resources (DNR) representatives upon their request.

D.1 VAPOR MITIGATION SYSTEM MAINTENANCE PLAN

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs would be necessary if the following items are not found satisfactory during inspection:

- The fan is running and is not making screeching noise, grinding, hot or vibrating abnormally.
- The manometer is present and there is sufficient vacuum.
- A static pressure reading was taken and recorded in the table.
- The collection point is intact, without cracks or missing sealant.
- Piping is intact and free of cracks. No joints loose or open.
- Fire collars and intumescent fire caulk is intact.
- The piping remains securely bracketed or secured.
- The fan is plugged into the adjacent socket
- The wiring to the fan is intact and free of damage.
- The fan is securely connected to the power source.
- The flexible rubber couplings are free from cracks or damage.
- The system is free of signs of weather damages or vandalism.

Any replacement of the Vapor Mitigation System or portions of the system will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the DNR or its successor.

The property owner, in order to maintain the integrity of the Vapor Mitigation System will maintain a copy of this Maintenance Plan at the site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Notification to WDNR if any problems occur for two (2) or mor successive inspections.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Vapor Mitigation System

The following activities are prohibited on any portion of the property where a Vapor Mitigation System required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources:

1) change in use of a vapor mitigation system.

2) changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior

center, hospital, or similar residential exposure settings.

3) changing the use or occupancy of the property to single-family residential use.

4) changing the construction of a building that has a vapor mitigation system in place.

If removal, replacement, or other changes to a Vapor Mitigation System are considered, the property owner will contact DNR at least 45 days before taking such an action, to determine whether further action may be necessary to protect human health, safety, or welfare or the environment, in accordance with s. NR 727.07, Wis. Adm. Code.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of DNR.

Contact Information

Site Owner and Operator:

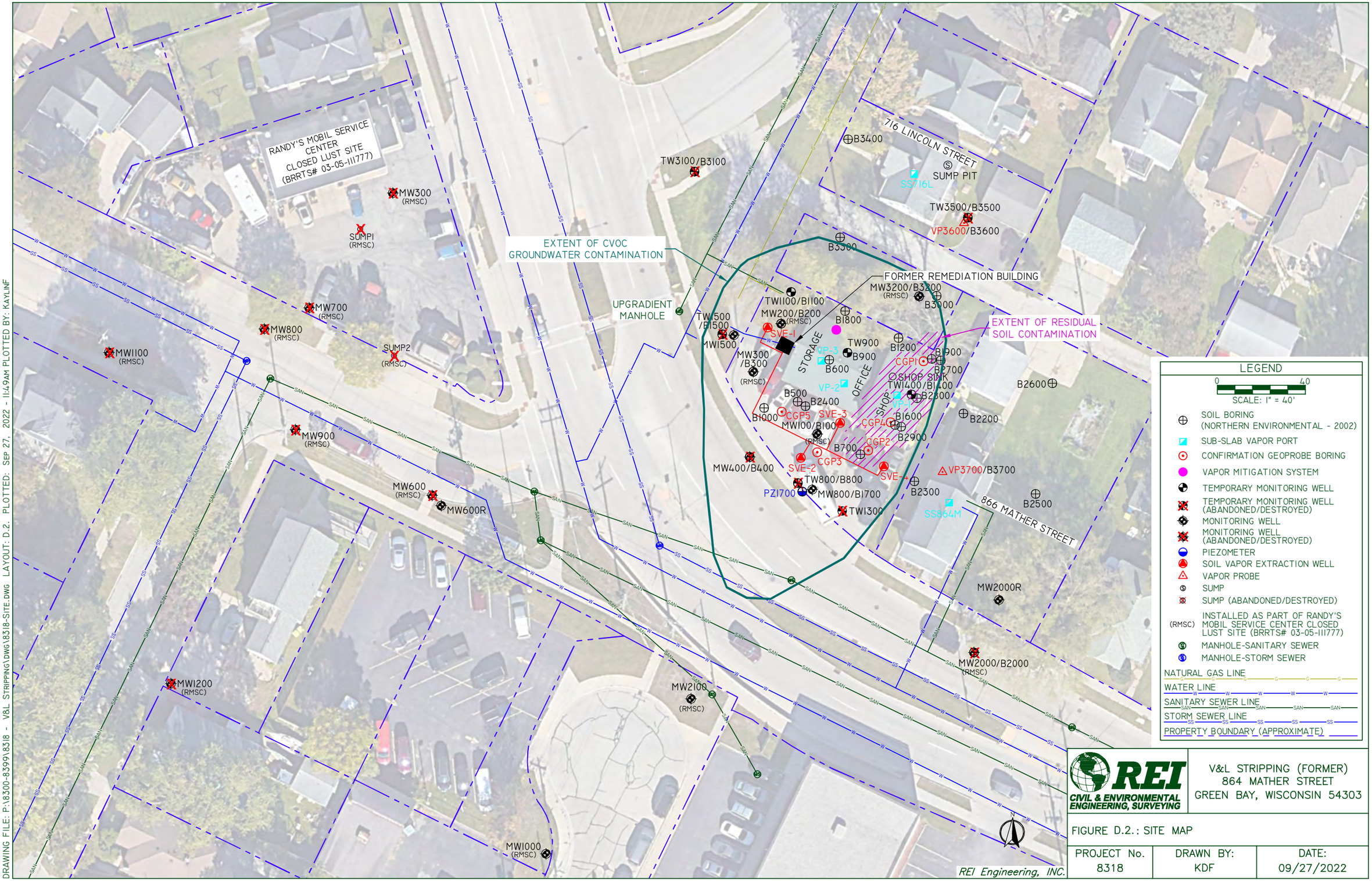
Ken Juza
1478 Norfield Road
Suamico, WI 54173
(920) 619-1010

Environmental Consultant:

REI Engineering, Inc.
Andrew Delforge
4080 North 20th Avenue
Wausau, WI 54401
715-675-9784

Regulatory Contact:

WDNR – Remediation and Redevelopment Program (Northeast Region)
Josie Schultz
2984 Shawano Avenue
Green Bay, WI 54313
(920) 366-5685



REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

V&L STRIPPING (FORMER)
864 MATHER STREET
GREEN BAY, WISCONSIN 54303

FIGURE D.2.: SITE MAP

PROJECT No.	DRAWN BY:	DATE:
8318	KDF	09/27/2022

REI Engineering, INC.

DRAWING FILE: P:\8300-8399\8318 - V&L STRIPPING\DWG\8318-SITE.DWG LAYOUT: D.2. PLOTTED: SEP 27, 2022 - 11:49AM PLOTTED BY: KAYLINF

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

Fan location - near northwest corner of building

Vacuum point and power source

Vacuum gauge

2" of water column

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

Vacuum at TW900- 0.05" water

Vacuum at TW1400 - 0.01 " of water

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Vapor Mitigation System Inspection Log

Form 4400-321 (R 03/22)

Notice: In accordance with s. NR 727.05(1)(b)3., Wis. Admin. Code, use of this form for documenting the inspections and maintenance of certain vapor-related continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records law [ss. 19.31-19.39, Wis. Stats.].

Directions: This form was developed to provide the results of a site inspection of a vapor related continuing obligation, typically a vapor mitigation system. See the approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the approval letter. The letter may be found in the database, BRRTS on the Web, by searching for the site using the BRRTS ID number and then looking in the "Action" section for code 56.

Activity (Site) Name: Former V&L Stripping

BRRTS No.: 02-05-216722

Address Being Inspected (e.g., 123 N. Main St.): 864 Mather Street, Green Bay, WI 54303

Date of Inspection:

Inspection Performed By (Name & Title/Company):

When submittal of this form is required, submit an electronic version or a scanned copy of this completed form to the RR Submittal Portal.

HOW TO USE THIS FORM

The Activity (Site) Name, BRRTS No., Address Being Inspected and Date of Inspection entered above will auto-populate the table. Complete only the applicable rows/components. Check "Not Applicable" for components that do not apply. For example, if there is no sump sealed and vented as part of the system, check "Not Applicable" in the "NOTES" section for that component.

Multiple components: For systems with multiple components (e.g., two manometers or two fans), add an additional row for that component by clicking the "+" (plus) symbol at the end of the row. After a system component row is added, a "-" (minus) symbol is shown so the added row may be deleted.

Photos: Click on the placeholder photo shown in each row to replace it with your own site-specific photo. Site-specific photos are optional but strongly recommended. Enter specific details and observations within the "NOTES" section to assist the DNR in understanding status of the system components.

SYSTEM COMPONENT NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	Date of Inspection: WHAT TO FIX?
Manometer or Differential Pressure Gauge	Measures differential pressure between vacuum side of vent pipe and indoor space. This measurement confirms there is a vacuum being pulled by the fan.	Liquid Level on Manometer or Gauge	Liquid level in manometer should be offset (not level with each other).	A change in liquid level indicates a change in the vacuum below foundation. This could be caused by failure of fan, blockage of vent pipe, change in water level below building, or other conditions. Hire a professional to identify cause and repair if needed.

PHOTO

NOTES: (Record the reading on the gauge. Identify specific building and location description:)

☐ Not Applicable

Exterior adjacent to fan. Vacuum = 2" of water

BRRTS No. 02-05-216722

Site Name: Former V&L Stripping

Address Being Inspected: 864 Mather Street, Green Bay, WI 54303

Vapor Mitigation System Inspection Log

Form 4400-321 (R 03/22)

SYSTEM COMPONENT NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	Date of Inspection: WHAT TO FIX?
Fan	Fan creates a vacuum and lowers pressure below foundation. The fan also removes soil gases from below foundation for discharge to atmosphere.	Fan Operation Fan Location Motor Noise	Fan is on. Fan mounted outside & secure. Fan motor is quiet (loud motor may indicate problem).	Replace the fan immediately once the fan stops running. Fans typically run for 10-20 years, but it may be less. Replacement fan to have similar specifications as original with respect to flow and vacuum. After a fan is replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings. **Original Fan Make and Model:** **Radonaway RP145**

PHOTO

NOTES: (Identify specific building and location description:)

☐ Not Applicable

BRRTS No. 02-05-216722

Site Name: Former V&L Stripping

Address Being Inspected: 864 Mather Street, Green Bay, WI 54303

Vapor Mitigation System Inspection Log

Form 4400-321 (R 03/22)

SYSTEM COMPONENT NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	Date of Inspection: WHAT TO FIX?
Suction Drop Point w/ Vent Pipe	**Suction Point :** Soil gases are collected in a void space below the foundation, and tight seal prevents soil gas from getting inside the home. **Vent Pipe:** Pipe conveys the vacuum from the fan, and collects soil gases for discharge to the atmosphere.	Suction Point Seal Vent Pipe Condition	Seal is air tight around pipe penetration. Vent pipe is connected to fan, has not cracked.	Suction point seal or vent pipe may need to be sealed or replaced if cracks or leaks appear. If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.

PHOTO

NOTES: (Identify specific building and location description:)

☐ Not Applicable

Suction point near northwest corner of building

BRRTS No. 02-05-216722

Site Name: Former V&L Stripping

Address Being Inspected: 864 Mather Street, Green Bay, WI 54303

Vapor Mitigation System Inspection Log

Form 4400-321 (R 03/22)

SYSTEM COMPONENT NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	Date of Inspection: WHAT TO FIX?
Outdoor Vent Pipe	Pipe transports the soil gas from beneath the foundation for discharge to the atmosphere.	Vent Pipe Condition Vent Pipe Location	Vent pipe remains connected to fan. End of pipe free from obstructions. The exhaust is more than 15 feet from windows or air intakes.	Vent pipe may require replacement, or cleaning to remove ice or debris. If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.

PHOTO

NOTES: (Identify specific building and location description:)

☐ Not Applicable

ATTACHMENT B

LABORATORY ANALYTICAL REPORTS

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

April 19, 2022

Andy Delforge
REI
4080 North 20th Avenue
Wausau, WI 54401

RE: Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on April 05, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Green Bay

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kaylin Felix, REI

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

CERTIFICATIONS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Pace Analytical Services Green Bay
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: 8318 V&L STRIPPING
Pace Project No.: 40242840

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40242840001	**TW1400**	Water	03/29/22 09:00	04/05/22 08:35
40242840002	**PZ1700**	Water	03/29/22 09:30	04/05/22 08:35
40242840003	**MW1000**	Water	03/29/22 10:00	04/05/22 08:35
40242840004	**MW3200**	Water	03/29/22 10:30	04/05/22 08:35
40242840005	**MW800**	Water	03/29/22 12:30	04/05/22 08:35
40242840006	**MW2100**	Water	03/29/22 12:30	04/05/22 08:35
40242840007	**MW100**	Water	03/29/22 13:00	04/05/22 08:35
40242840008	**MW1500**	Water	03/29/22 13:30	04/05/22 08:35
40242840009	**MW200**	Water	03/29/22 13:30	04/05/22 08:35

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

SAMPLE ANALYTE COUNT

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40242840001	**TW1400**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 8260	EIB	66	PASI-G
40242840002	**PZ1700**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	66	PASI-G
		HACH 8146	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242840003	**MW1000**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	66	PASI-G
		HACH 8146	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242840004	**MW3200**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	66	PASI-G
		HACH 8146	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242840005	**MW800**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	66	PASI-G
		HACH 8146	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242840006	**MW2100**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	66	PASI-G
		HACH 8146	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242840007	**MW100**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	66	PASI-G
		HACH 8146	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G

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

SAMPLE ANALYTE COUNT

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 5310C	TJJ	1	PASI-G
40242840008	**MW1500**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	66	PASI-G
		HACH 8146	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		SM 5310C	TJJ	1	PASI-G
40242840009	**MW200**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	TXW	1	PASI-G
		EPA 8260	EIB	66	PASI-G
		HACH 8146	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		SM 5310C	TJJ	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: TW1400 **Lab ID: 40242840001** Collected: 03/29/22 09:00 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 11:36	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		04/08/22 11:36	74-85-1	
Methane	**4490**	ug/L	140	28.8	50		04/08/22 14:32	74-82-8	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<34.6**	ug/L	100	34.6	4		04/08/22 15:28	67-64-1	
Benzene	**<1.2**	ug/L	4.0	1.2	4		04/08/22 15:28	71-43-2	
Bromobenzene	**<1.4**	ug/L	4.0	1.4	4		04/08/22 15:28	108-86-1	
Bromochloromethane	**<1.4**	ug/L	20.0	1.4	4		04/08/22 15:28	74-97-5	
Bromodichloromethane	**<1.7**	ug/L	4.0	1.7	4		04/08/22 15:28	75-27-4	
Bromoform	**<15.2**	ug/L	20.0	15.2	4		04/08/22 15:28	75-25-2	
Bromomethane	**<4.8**	ug/L	20.0	4.8	4		04/08/22 15:28	74-83-9	
2-Butanone (MEK)	**<26.1**	ug/L	100	26.1	4		04/08/22 15:28	78-93-3	
n-Butylbenzene	**<3.4**	ug/L	4.0	3.4	4		04/08/22 15:28	104-51-8	
sec-Butylbenzene	**<1.7**	ug/L	4.0	1.7	4		04/08/22 15:28	135-98-8	
tert-Butylbenzene	**<2.3**	ug/L	4.0	2.3	4		04/08/22 15:28	98-06-6	
Carbon tetrachloride	**<1.5**	ug/L	4.0	1.5	4		04/08/22 15:28	56-23-5	
Chlorobenzene	**<3.4**	ug/L	4.0	3.4	4		04/08/22 15:28	108-90-7	
Chloroethane	**<5.5**	ug/L	20.0	5.5	4		04/08/22 15:28	75-00-3	
Chloroform	**<4.7**	ug/L	20.0	4.7	4		04/08/22 15:28	67-66-3	
Chloromethane	**<6.5**	ug/L	20.0	6.5	4		04/08/22 15:28	74-87-3	
2-Chlorotoluene	**<3.6**	ug/L	20.0	3.6	4		04/08/22 15:28	95-49-8	
4-Chlorotoluene	**<3.6**	ug/L	20.0	3.6	4		04/08/22 15:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<9.5**	ug/L	20.0	9.5	4		04/08/22 15:28	96-12-8	
Dibromochloromethane	**<10.6**	ug/L	20.0	10.6	4		04/08/22 15:28	124-48-1	
1,2-Dibromoethane (EDB)	**<1.2**	ug/L	4.0	1.2	4		04/08/22 15:28	106-93-4	
Dibromomethane	**<4.0**	ug/L	20.0	4.0	4		04/08/22 15:28	74-95-3	
1,2-Dichlorobenzene	**<1.3**	ug/L	4.0	1.3	4		04/08/22 15:28	95-50-1	
1,3-Dichlorobenzene	**<1.4**	ug/L	4.0	1.4	4		04/08/22 15:28	541-73-1	
1,4-Dichlorobenzene	**<3.6**	ug/L	4.0	3.6	4		04/08/22 15:28	106-46-7	
Dichlorodifluoromethane	**<1.8**	ug/L	20.0	1.8	4		04/08/22 15:28	75-71-8	
1,1-Dichloroethane	**<1.2**	ug/L	4.0	1.2	4		04/08/22 15:28	75-34-3	
1,2-Dichloroethane	**<1.2**	ug/L	4.0	1.2	4		04/08/22 15:28	107-06-2	
1,1-Dichloroethene	**<2.3**	ug/L	4.0	2.3	4		04/08/22 15:28	75-35-4	
cis-1,2-Dichloroethene	**2990**	ug/L	50.0	23.6	50		04/11/22 10:17	156-59-2	
trans-1,2-Dichloroethene	**33.5**	ug/L	4.0	2.1	4		04/08/22 15:28	156-60-5	
1,2-Dichloropropane	**<1.8**	ug/L	4.0	1.8	4		04/08/22 15:28	78-87-5	
1,3-Dichloropropane	**<1.2**	ug/L	4.0	1.2	4		04/08/22 15:28	142-28-9	
2,2-Dichloropropane	**<16.7**	ug/L	20.0	16.7	4		04/08/22 15:28	594-20-7	
1,1-Dichloropropene	**<1.6**	ug/L	4.0	1.6	4		04/08/22 15:28	563-58-6	
cis-1,3-Dichloropropene	**<1.4**	ug/L	4.0	1.4	4		04/08/22 15:28	10061-01-5	
trans-1,3-Dichloropropene	**<13.8**	ug/L	20.0	13.8	4		04/08/22 15:28	10061-02-6	
Diisopropyl ether	**<4.4**	ug/L	20.0	4.4	4		04/08/22 15:28	108-20-3	
Ethylbenzene	**<1.3**	ug/L	4.0	1.3	4		04/08/22 15:28	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: TW1400 **Lab ID: 40242840001** Collected: 03/29/22 09:00 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Hexachloro-1,3-butadiene	**<10.9**	ug/L	20.0	10.9	4		04/08/22 15:28	87-68-3	
Isopropylbenzene (Cumene)	**<4.0**	ug/L	20.0	4.0	4		04/08/22 15:28	98-82-8	
p-Isopropyltoluene	**<4.2**	ug/L	20.0	4.2	4		04/08/22 15:28	99-87-6	
Methylene Chloride	**<1.3**	ug/L	20.0	1.3	4		04/08/22 15:28	75-09-2	
Methyl-tert-butyl ether	**<4.5**	ug/L	20.0	4.5	4		04/08/22 15:28	1634-04-4	
Naphthalene	**<4.5**	ug/L	20.0	4.5	4		04/08/22 15:28	91-20-3	
n-Propylbenzene	**<1.4**	ug/L	4.0	1.4	4		04/08/22 15:28	103-65-1	
Styrene	**<1.4**	ug/L	4.0	1.4	4		04/08/22 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.4**	ug/L	4.0	1.4	4		04/08/22 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.5**	ug/L	4.0	1.5	4		04/08/22 15:28	79-34-5	
Tetrachloroethene	**2400**	ug/L	50.0	20.4	50		04/11/22 10:17	127-18-4	
Toluene	**<1.2**	ug/L	4.0	1.2	4		04/08/22 15:28	108-88-3	
1,2,3-Trichlorobenzene	**<4.1**	ug/L	20.0	4.1	4		04/08/22 15:28	87-61-6	
1,2,4-Trichlorobenzene	**<3.8**	ug/L	20.0	3.8	4		04/08/22 15:28	120-82-1	
1,1,1-Trichloroethane	**<1.2**	ug/L	4.0	1.2	4		04/08/22 15:28	71-55-6	
1,1,2-Trichloroethane	**<1.4**	ug/L	20.0	1.4	4		04/08/22 15:28	79-00-5	
Trichloroethene	**549**	ug/L	4.0	1.3	4		04/08/22 15:28	79-01-6	
Trichlorofluoromethane	**<1.7**	ug/L	4.0	1.7	4		04/08/22 15:28	75-69-4	
1,2,3-Trichloropropane	**<2.2**	ug/L	20.0	2.2	4		04/08/22 15:28	96-18-4	
1,2,4-Trimethylbenzene	**<1.8**	ug/L	4.0	1.8	4		04/08/22 15:28	95-63-6	
1,3,5-Trimethylbenzene	**<1.4**	ug/L	4.0	1.4	4		04/08/22 15:28	108-67-8	
Vinyl chloride	**0.83J**	ug/L	4.0	0.70	4		04/08/22 15:28	75-01-4	
m&p-Xylene	**<2.8**	ug/L	8.0	2.8	4		04/08/22 15:28	179601-23-1	
o-Xylene	**<1.4**	ug/L	4.0	1.4	4		04/08/22 15:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		4		04/08/22 15:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		4		04/08/22 15:28	2199-69-1	
Toluene-d8 (S)	98	%	70-130		4		04/08/22 15:28	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: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: PZ1700 **Lab ID: 40242840002** Collected: 03/29/22 09:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 11:43	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		04/08/22 11:43	74-85-1	
Methane	**2280**	ug/L	56.0	11.5	20		04/08/22 14:39	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Manganese	**22.7**	ug/L	5.0	1.5	1	04/08/22 06:31	04/08/22 19:26	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<8.6**	ug/L	25.0	8.6	1		04/08/22 00:50	67-64-1	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/08/22 00:50	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:50	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/08/22 00:50	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/08/22 00:50	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		04/08/22 00:50	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/08/22 00:50	74-83-9	
2-Butanone (MEK)	**<6.5**	ug/L	25.0	6.5	1		04/08/22 00:50	78-93-3	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/08/22 00:50	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/08/22 00:50	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/08/22 00:50	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/08/22 00:50	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/08/22 00:50	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/08/22 00:50	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		04/08/22 00:50	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/08/22 00:50	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/08/22 00:50	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/08/22 00:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/08/22 00:50	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/08/22 00:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/08/22 00:50	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/08/22 00:50	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/08/22 00:50	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 00:50	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/08/22 00:50	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/08/22 00:50	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 00:50	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/08/22 00:50	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/08/22 00:50	75-35-4	
cis-1,2-Dichloroethene	**27.2**	ug/L	1.0	0.47	1		04/08/22 00:50	156-59-2	
trans-1,2-Dichloroethene	**2.2**	ug/L	1.0	0.53	1		04/08/22 00:50	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/08/22 00:50	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 00:50	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		04/08/22 00:50	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/08/22 00:50	563-58-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: PZ1700 **Lab ID: 40242840002** Collected: 03/29/22 09:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:50	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		04/08/22 00:50	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/08/22 00:50	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/08/22 00:50	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/08/22 00:50	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/08/22 00:50	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/08/22 00:50	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/08/22 00:50	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/08/22 00:50	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		04/08/22 00:50	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 00:50	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/08/22 00:50	79-34-5	
Tetrachloroethene	**28.2**	ug/L	1.0	0.41	1		04/08/22 00:50	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/08/22 00:50	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/08/22 00:50	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/08/22 00:50	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 00:50	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		04/08/22 00:50	79-00-5	
Trichloroethene	**30.1**	ug/L	1.0	0.32	1		04/08/22 00:50	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/08/22 00:50	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		04/08/22 00:50	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/08/22 00:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:50	108-67-8	
Vinyl chloride	**0.29J**	ug/L	1.0	0.17	1		04/08/22 00:50	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/08/22 00:50	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 00:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/08/22 00:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		04/08/22 00:50	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/08/22 00:50	2037-26-5	
Iron, Ferrous	Analytical Method: HACH 8146								
	Pace Analytical Services - Green Bay								
Iron, Ferrous	**0.34**	mg/L	0.050	0.013	1		04/12/22 10:26	15438-31-0	H6
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**21.1**	mg/L	2.0	0.43	1		04/11/22 23:18	16887-00-6	
Sulfate	**0.59J**	mg/L	2.0	0.44	1		04/11/22 23:18	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**5.8**	mg/L	0.50	0.14	1		04/08/22 03:37	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW1000 **Lab ID: 40242840003** Collected: 03/29/22 10:00 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 11:50	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		04/08/22 11:50	74-85-1	
Methane	**<0.58**	ug/L	2.8	0.58	1		04/08/22 11:50	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Manganese	**3480**	ug/L	5.0	1.5	1	04/08/22 06:31	04/08/22 19:29	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<8.6**	ug/L	25.0	8.6	1		04/08/22 00:29	67-64-1	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/08/22 00:29	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:29	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/08/22 00:29	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/08/22 00:29	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		04/08/22 00:29	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/08/22 00:29	74-83-9	
2-Butanone (MEK)	**<6.5**	ug/L	25.0	6.5	1		04/08/22 00:29	78-93-3	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/08/22 00:29	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/08/22 00:29	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/08/22 00:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/08/22 00:29	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/08/22 00:29	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/08/22 00:29	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		04/08/22 00:29	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/08/22 00:29	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/08/22 00:29	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/08/22 00:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/08/22 00:29	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/08/22 00:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/08/22 00:29	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/08/22 00:29	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/08/22 00:29	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 00:29	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/08/22 00:29	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/08/22 00:29	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 00:29	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/08/22 00:29	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/08/22 00:29	75-35-4	
cis-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.47	1		04/08/22 00:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/08/22 00:29	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/08/22 00:29	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 00:29	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		04/08/22 00:29	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/08/22 00:29	563-58-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW1000 **Lab ID: 40242840003** Collected: 03/29/22 10:00 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:29	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		04/08/22 00:29	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/08/22 00:29	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/08/22 00:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/08/22 00:29	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/08/22 00:29	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/08/22 00:29	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/08/22 00:29	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/08/22 00:29	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		04/08/22 00:29	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 00:29	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/08/22 00:29	79-34-5	
Tetrachloroethene	**0.89J**	ug/L	1.0	0.41	1		04/08/22 00:29	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/08/22 00:29	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/08/22 00:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/08/22 00:29	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 00:29	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		04/08/22 00:29	79-00-5	
Trichloroethene	**0.47J**	ug/L	1.0	0.32	1		04/08/22 00:29	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/08/22 00:29	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		04/08/22 00:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/08/22 00:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 00:29	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/08/22 00:29	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/08/22 00:29	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 00:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		04/08/22 00:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/08/22 00:29	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/08/22 00:29	2037-26-5	
Iron, Ferrous	Analytical Method: HACH 8146								
	Pace Analytical Services - Green Bay								
Iron, Ferrous	**0.13**	mg/L	0.050	0.013	1		04/12/22 10:30	15438-31-0	H6
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**126**	mg/L	10.0	2.2	5		04/11/22 23:33	16887-00-6	
Sulfate	**52.6**	mg/L	10.0	2.2	5		04/11/22 23:33	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**4.7**	mg/L	0.50	0.14	1		04/08/22 03:54	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW3200 **Lab ID: 40242840004** Collected: 03/29/22 10:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 11:57	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		04/08/22 11:57	74-85-1	
Methane	**<0.58**	ug/L	2.8	0.58	1		04/08/22 11:57	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Manganese	**52.4**	ug/L	5.0	1.5	1	04/08/22 06:31	04/08/22 19:31	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<8.6**	ug/L	25.0	8.6	1		04/08/22 03:12	67-64-1	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/08/22 03:12	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 03:12	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/08/22 03:12	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/08/22 03:12	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		04/08/22 03:12	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/08/22 03:12	74-83-9	
2-Butanone (MEK)	**<6.5**	ug/L	25.0	6.5	1		04/08/22 03:12	78-93-3	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/08/22 03:12	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/08/22 03:12	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/08/22 03:12	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/08/22 03:12	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/08/22 03:12	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/08/22 03:12	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		04/08/22 03:12	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/08/22 03:12	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/08/22 03:12	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/08/22 03:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/08/22 03:12	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/08/22 03:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/08/22 03:12	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/08/22 03:12	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/08/22 03:12	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 03:12	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/08/22 03:12	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/08/22 03:12	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 03:12	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/08/22 03:12	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/08/22 03:12	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/08/22 03:12	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/08/22 03:12	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/08/22 03:12	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 03:12	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		04/08/22 03:12	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/08/22 03:12	563-58-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW3200 **Lab ID: 40242840004** Collected: 03/29/22 10:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 03:12	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		04/08/22 03:12	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/08/22 03:12	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/08/22 03:12	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/08/22 03:12	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/08/22 03:12	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/08/22 03:12	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/08/22 03:12	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/08/22 03:12	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		04/08/22 03:12	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 03:12	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 03:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/08/22 03:12	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/08/22 03:12	79-34-5	
Tetrachloroethene	**3.2**	ug/L	1.0	0.41	1		04/08/22 03:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/08/22 03:12	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/08/22 03:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/08/22 03:12	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 03:12	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		04/08/22 03:12	79-00-5	
Trichloroethene	**0.55J**	ug/L	1.0	0.32	1		04/08/22 03:12	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/08/22 03:12	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		04/08/22 03:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/08/22 03:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 03:12	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/08/22 03:12	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/08/22 03:12	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 03:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/08/22 03:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/08/22 03:12	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/08/22 03:12	2037-26-5	
Iron, Ferrous	Analytical Method: HACH 8146								
	Pace Analytical Services - Green Bay								
Iron, Ferrous	**0.064**	mg/L	0.050	0.013	1		04/12/22 10:31	15438-31-0	H6
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**64.9**	mg/L	10.0	2.2	5		04/11/22 23:47	16887-00-6	
Sulfate	**69.2**	mg/L	10.0	2.2	5		04/11/22 23:47	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**4.5**	mg/L	0.50	0.14	1		04/08/22 04:10	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW800 **Lab ID: 40242840005** Collected: 03/29/22 12:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 12:04	74-84-0	
Ethene	**25.4**	ug/L	5.0	0.25	1		04/08/22 12:04	74-85-1	
Methane	**2470**	ug/L	56.0	11.5	20		04/08/22 14:47	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Manganese	**460**	ug/L	5.0	1.5	1	04/08/22 06:31	04/08/22 19:34	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<1080**	ug/L	3120	1080	125		04/08/22 14:27	67-64-1	
Benzene	**<36.9**	ug/L	125	36.9	125		04/08/22 14:27	71-43-2	
Bromobenzene	**<45.1**	ug/L	125	45.1	125		04/08/22 14:27	108-86-1	
Bromochloromethane	**<44.7**	ug/L	625	44.7	125		04/08/22 14:27	74-97-5	
Bromodichloromethane	**<51.9**	ug/L	125	51.9	125		04/08/22 14:27	75-27-4	
Bromoform	**<475**	ug/L	625	475	125		04/08/22 14:27	75-25-2	
Bromomethane	**<149**	ug/L	625	149	125		04/08/22 14:27	74-83-9	
2-Butanone (MEK)	**<815**	ug/L	3120	815	125		04/08/22 14:27	78-93-3	
n-Butylbenzene	**<107**	ug/L	125	107	125		04/08/22 14:27	104-51-8	
sec-Butylbenzene	**<53.0**	ug/L	125	53.0	125		04/08/22 14:27	135-98-8	
tert-Butylbenzene	**<73.3**	ug/L	125	73.3	125		04/08/22 14:27	98-06-6	
Carbon tetrachloride	**<46.2**	ug/L	125	46.2	125		04/08/22 14:27	56-23-5	
Chlorobenzene	**<107**	ug/L	125	107	125		04/08/22 14:27	108-90-7	
Chloroethane	**<172**	ug/L	625	172	125		04/08/22 14:27	75-00-3	
Chloroform	**<148**	ug/L	625	148	125		04/08/22 14:27	67-66-3	
Chloromethane	**<204**	ug/L	625	204	125		04/08/22 14:27	74-87-3	
2-Chlorotoluene	**<111**	ug/L	625	111	125		04/08/22 14:27	95-49-8	
4-Chlorotoluene	**<112**	ug/L	625	112	125		04/08/22 14:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<296**	ug/L	625	296	125		04/08/22 14:27	96-12-8	
Dibromochloromethane	**<330**	ug/L	625	330	125		04/08/22 14:27	124-48-1	
1,2-Dibromoethane (EDB)	**<38.6**	ug/L	125	38.6	125		04/08/22 14:27	106-93-4	
Dibromomethane	**<124**	ug/L	625	124	125		04/08/22 14:27	74-95-3	
1,2-Dichlorobenzene	**<40.7**	ug/L	125	40.7	125		04/08/22 14:27	95-50-1	
1,3-Dichlorobenzene	**<43.9**	ug/L	125	43.9	125		04/08/22 14:27	541-73-1	
1,4-Dichlorobenzene	**<112**	ug/L	125	112	125		04/08/22 14:27	106-46-7	
Dichlorodifluoromethane	**<56.9**	ug/L	625	56.9	125		04/08/22 14:27	75-71-8	
1,1-Dichloroethane	**<37.0**	ug/L	125	37.0	125		04/08/22 14:27	75-34-3	
1,2-Dichloroethane	**<36.4**	ug/L	125	36.4	125		04/08/22 14:27	107-06-2	
1,1-Dichloroethene	**<72.8**	ug/L	125	72.8	125		04/08/22 14:27	75-35-4	
cis-1,2-Dichloroethene	**11100**	ug/L	125	58.9	125		04/08/22 14:27	156-59-2	
trans-1,2-Dichloroethene	**624**	ug/L	125	66.0	125		04/08/22 14:27	156-60-5	
1,2-Dichloropropane	**<56.0**	ug/L	125	56.0	125		04/08/22 14:27	78-87-5	
1,3-Dichloropropane	**<38.1**	ug/L	125	38.1	125		04/08/22 14:27	142-28-9	
2,2-Dichloropropane	**<522**	ug/L	625	522	125		04/08/22 14:27	594-20-7	
1,1-Dichloropropene	**<51.3**	ug/L	125	51.3	125		04/08/22 14:27	563-58-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW800 **Lab ID: 40242840005** Collected: 03/29/22 12:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<44.8**	ug/L	125	44.8	125		04/08/22 14:27	10061-01-5	
trans-1,3-Dichloropropene	**<433**	ug/L	625	433	125		04/08/22 14:27	10061-02-6	
Diisopropyl ether	**<138**	ug/L	625	138	125		04/08/22 14:27	108-20-3	
Ethylbenzene	**<40.6**	ug/L	125	40.6	125		04/08/22 14:27	100-41-4	
Hexachloro-1,3-butadiene	**<342**	ug/L	625	342	125		04/08/22 14:27	87-68-3	
Isopropylbenzene (Cumene)	**<125**	ug/L	625	125	125		04/08/22 14:27	98-82-8	
p-Isopropyltoluene	**<130**	ug/L	625	130	125		04/08/22 14:27	99-87-6	
Methylene Chloride	**<39.9**	ug/L	625	39.9	125		04/08/22 14:27	75-09-2	
Methyl-tert-butyl ether	**<141**	ug/L	625	141	125		04/08/22 14:27	1634-04-4	
Naphthalene	**<141**	ug/L	625	141	125		04/08/22 14:27	91-20-3	
n-Propylbenzene	**<43.2**	ug/L	125	43.2	125		04/08/22 14:27	103-65-1	
Styrene	**<44.5**	ug/L	125	44.5	125		04/08/22 14:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<44.4**	ug/L	125	44.4	125		04/08/22 14:27	630-20-6	
1,1,2,2-Tetrachloroethane	**<47.2**	ug/L	125	47.2	125		04/08/22 14:27	79-34-5	
Tetrachloroethene	**1590**	ug/L	125	51.1	125		04/08/22 14:27	127-18-4	
Toluene	**<36.0**	ug/L	125	36.0	125		04/08/22 14:27	108-88-3	
1,2,3-Trichlorobenzene	**<127**	ug/L	625	127	125		04/08/22 14:27	87-61-6	
1,2,4-Trichlorobenzene	**<119**	ug/L	625	119	125		04/08/22 14:27	120-82-1	
1,1,1-Trichloroethane	**<37.8**	ug/L	125	37.8	125		04/08/22 14:27	71-55-6	
1,1,2-Trichloroethane	**<43.1**	ug/L	625	43.1	125		04/08/22 14:27	79-00-5	
Trichloroethene	**4840**	ug/L	125	40.0	125		04/08/22 14:27	79-01-6	
Trichlorofluoromethane	**<52.3**	ug/L	125	52.3	125		04/08/22 14:27	75-69-4	
1,2,3-Trichloropropane	**<69.4**	ug/L	625	69.4	125		04/08/22 14:27	96-18-4	
1,2,4-Trimethylbenzene	**<56.1**	ug/L	125	56.1	125		04/08/22 14:27	95-63-6	
1,3,5-Trimethylbenzene	**<44.7**	ug/L	125	44.7	125		04/08/22 14:27	108-67-8	
Vinyl chloride	**111J**	ug/L	125	21.8	125		04/08/22 14:27	75-01-4	
m&p-Xylene	**<87.5**	ug/L	250	87.5	125		04/08/22 14:27	179601-23-1	
o-Xylene	**<43.5**	ug/L	125	43.5	125		04/08/22 14:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		125		04/08/22 14:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		125		04/08/22 14:27	2199-69-1	
Toluene-d8 (S)	98	%	70-130		125		04/08/22 14:27	2037-26-5	
Iron, Ferrous	Analytical Method: HACH 8146								
	Pace Analytical Services - Green Bay								
Iron, Ferrous	**0.56**	mg/L	0.050	0.013	1		04/12/22 10:32	15438-31-0	H6
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**109**	mg/L	10.0	2.2	5		04/12/22 00:47	16887-00-6	
Sulfate	**16.5**	mg/L	10.0	2.2	5		04/12/22 00:47	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**6.9**	mg/L	0.50	0.14	1		04/08/22 04:27	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW2100 **Lab ID: 40242840006** Collected: 03/29/22 12:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 12:11	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		04/08/22 12:11	74-85-1	
Methane	**<0.58**	ug/L	2.8	0.58	1		04/08/22 12:11	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Manganese	**638**	ug/L	5.0	1.5	1	04/08/22 06:31	04/08/22 19:36	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<8.6**	ug/L	25.0	8.6	1		04/08/22 13:26	67-64-1	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/08/22 13:26	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 13:26	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/08/22 13:26	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/08/22 13:26	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		04/08/22 13:26	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/08/22 13:26	74-83-9	
2-Butanone (MEK)	**<6.5**	ug/L	25.0	6.5	1		04/08/22 13:26	78-93-3	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/08/22 13:26	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/08/22 13:26	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/08/22 13:26	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/08/22 13:26	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/08/22 13:26	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/08/22 13:26	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		04/08/22 13:26	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/08/22 13:26	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/08/22 13:26	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/08/22 13:26	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/08/22 13:26	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/08/22 13:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/08/22 13:26	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/08/22 13:26	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/08/22 13:26	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 13:26	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/08/22 13:26	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/08/22 13:26	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 13:26	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/08/22 13:26	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/08/22 13:26	75-35-4	
cis-1,2-Dichloroethene	**34.3**	ug/L	1.0	0.47	1		04/08/22 13:26	156-59-2	
trans-1,2-Dichloroethene	**0.94J**	ug/L	1.0	0.53	1		04/08/22 13:26	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/08/22 13:26	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 13:26	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		04/08/22 13:26	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/08/22 13:26	563-58-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW2100 **Lab ID: 40242840006** Collected: 03/29/22 12:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 13:26	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		04/08/22 13:26	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/08/22 13:26	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/08/22 13:26	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/08/22 13:26	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/08/22 13:26	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/08/22 13:26	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/08/22 13:26	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/08/22 13:26	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		04/08/22 13:26	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 13:26	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 13:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/08/22 13:26	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/08/22 13:26	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		04/08/22 13:26	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/08/22 13:26	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/08/22 13:26	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/08/22 13:26	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/08/22 13:26	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		04/08/22 13:26	79-00-5	
Trichloroethene	**0.53J**	ug/L	1.0	0.32	1		04/08/22 13:26	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/08/22 13:26	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		04/08/22 13:26	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/08/22 13:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/08/22 13:26	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/08/22 13:26	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		04/08/22 13:26	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		04/08/22 13:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/08/22 13:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/08/22 13:26	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/08/22 13:26	2037-26-5	
Iron, Ferrous	Analytical Method: HACH 8146								
	Pace Analytical Services - Green Bay								
Iron, Ferrous	**0.14**	mg/L	0.050	0.013	1		04/12/22 10:33	15438-31-0	H6
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**493**	mg/L	40.0	8.6	20		04/12/22 14:15	16887-00-6	
Sulfate	**38.4**	mg/L	10.0	2.2	5		04/12/22 01:02	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.4**	mg/L	0.50	0.14	1		04/08/22 04:46	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW100 **Lab ID: 40242840007** Collected: 03/29/22 13:00 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 12:18	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		04/08/22 12:18	74-85-1	
Methane	**4400**	ug/L	140	28.8	50		04/08/22 14:54	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Manganese	**557**	ug/L	5.0	1.5	1	04/08/22 06:31	04/08/22 19:43	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<432**	ug/L	1250	432	50		04/08/22 14:47	67-64-1	
Benzene	**<14.8**	ug/L	50.0	14.8	50		04/08/22 14:47	71-43-2	
Bromobenzene	**<18.0**	ug/L	50.0	18.0	50		04/08/22 14:47	108-86-1	
Bromochloromethane	**<17.9**	ug/L	250	17.9	50		04/08/22 14:47	74-97-5	
Bromodichloromethane	**<20.8**	ug/L	50.0	20.8	50		04/08/22 14:47	75-27-4	
Bromoform	**<190**	ug/L	250	190	50		04/08/22 14:47	75-25-2	
Bromomethane	**<59.6**	ug/L	250	59.6	50		04/08/22 14:47	74-83-9	
2-Butanone (MEK)	**<326**	ug/L	1250	326	50		04/08/22 14:47	78-93-3	
n-Butylbenzene	**<42.9**	ug/L	50.0	42.9	50		04/08/22 14:47	104-51-8	
sec-Butylbenzene	**<21.2**	ug/L	50.0	21.2	50		04/08/22 14:47	135-98-8	
tert-Butylbenzene	**<29.3**	ug/L	50.0	29.3	50		04/08/22 14:47	98-06-6	
Carbon tetrachloride	**<18.5**	ug/L	50.0	18.5	50		04/08/22 14:47	56-23-5	
Chlorobenzene	**<42.8**	ug/L	50.0	42.8	50		04/08/22 14:47	108-90-7	
Chloroethane	**<69.0**	ug/L	250	69.0	50		04/08/22 14:47	75-00-3	
Chloroform	**<59.1**	ug/L	250	59.1	50		04/08/22 14:47	67-66-3	
Chloromethane	**<81.8**	ug/L	250	81.8	50		04/08/22 14:47	74-87-3	
2-Chlorotoluene	**<44.5**	ug/L	250	44.5	50		04/08/22 14:47	95-49-8	
4-Chlorotoluene	**<44.7**	ug/L	250	44.7	50		04/08/22 14:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<118**	ug/L	250	118	50		04/08/22 14:47	96-12-8	
Dibromochloromethane	**<132**	ug/L	250	132	50		04/08/22 14:47	124-48-1	
1,2-Dibromoethane (EDB)	**<15.5**	ug/L	50.0	15.5	50		04/08/22 14:47	106-93-4	
Dibromomethane	**<49.5**	ug/L	250	49.5	50		04/08/22 14:47	74-95-3	
1,2-Dichlorobenzene	**<16.3**	ug/L	50.0	16.3	50		04/08/22 14:47	95-50-1	
1,3-Dichlorobenzene	**<17.6**	ug/L	50.0	17.6	50		04/08/22 14:47	541-73-1	
1,4-Dichlorobenzene	**<44.6**	ug/L	50.0	44.6	50		04/08/22 14:47	106-46-7	
Dichlorodifluoromethane	**<22.8**	ug/L	250	22.8	50		04/08/22 14:47	75-71-8	
1,1-Dichloroethane	**<14.8**	ug/L	50.0	14.8	50		04/08/22 14:47	75-34-3	
1,2-Dichloroethane	**<14.6**	ug/L	50.0	14.6	50		04/08/22 14:47	107-06-2	
1,1-Dichloroethene	**<29.1**	ug/L	50.0	29.1	50		04/08/22 14:47	75-35-4	
cis-1,2-Dichloroethene	**2820**	ug/L	50.0	23.6	50		04/08/22 14:47	156-59-2	
trans-1,2-Dichloroethene	**358**	ug/L	50.0	26.4	50		04/08/22 14:47	156-60-5	
1,2-Dichloropropane	**<22.4**	ug/L	50.0	22.4	50		04/08/22 14:47	78-87-5	
1,3-Dichloropropane	**<15.2**	ug/L	50.0	15.2	50		04/08/22 14:47	142-28-9	
2,2-Dichloropropane	**<209**	ug/L	250	209	50		04/08/22 14:47	594-20-7	
1,1-Dichloropropene	**<20.5**	ug/L	50.0	20.5	50		04/08/22 14:47	563-58-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW100 **Lab ID: 40242840007** Collected: 03/29/22 13:00 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<17.9**	ug/L	50.0	17.9	50		04/08/22 14:47	10061-01-5	
trans-1,3-Dichloropropene	**<173**	ug/L	250	173	50		04/08/22 14:47	10061-02-6	
Diisopropyl ether	**<55.0**	ug/L	250	55.0	50		04/08/22 14:47	108-20-3	
Ethylbenzene	**<16.3**	ug/L	50.0	16.3	50		04/08/22 14:47	100-41-4	
Hexachloro-1,3-butadiene	**<137**	ug/L	250	137	50		04/08/22 14:47	87-68-3	
Isopropylbenzene (Cumene)	**<50.0**	ug/L	250	50.0	50		04/08/22 14:47	98-82-8	
p-Isopropyltoluene	**<52.2**	ug/L	250	52.2	50		04/08/22 14:47	99-87-6	
Methylene Chloride	**<16.0**	ug/L	250	16.0	50		04/08/22 14:47	75-09-2	
Methyl-tert-butyl ether	**<56.5**	ug/L	250	56.5	50		04/08/22 14:47	1634-04-4	
Naphthalene	**<56.5**	ug/L	250	56.5	50		04/08/22 14:47	91-20-3	
n-Propylbenzene	**<17.3**	ug/L	50.0	17.3	50		04/08/22 14:47	103-65-1	
Styrene	**<17.8**	ug/L	50.0	17.8	50		04/08/22 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<17.8**	ug/L	50.0	17.8	50		04/08/22 14:47	630-20-6	
1,1,2,2-Tetrachloroethane	**<18.9**	ug/L	50.0	18.9	50		04/08/22 14:47	79-34-5	
Tetrachloroethene	**36.4J**	ug/L	50.0	20.4	50		04/08/22 14:47	127-18-4	
Toluene	**<14.4**	ug/L	50.0	14.4	50		04/08/22 14:47	108-88-3	
1,2,3-Trichlorobenzene	**<50.9**	ug/L	250	50.9	50		04/08/22 14:47	87-61-6	
1,2,4-Trichlorobenzene	**<47.5**	ug/L	250	47.5	50		04/08/22 14:47	120-82-1	
1,1,1-Trichloroethane	**<15.1**	ug/L	50.0	15.1	50		04/08/22 14:47	71-55-6	
1,1,2-Trichloroethane	**<17.2**	ug/L	250	17.2	50		04/08/22 14:47	79-00-5	
Trichloroethene	**20.5J**	ug/L	50.0	16.0	50		04/08/22 14:47	79-01-6	
Trichlorofluoromethane	**<20.9**	ug/L	50.0	20.9	50		04/08/22 14:47	75-69-4	
1,2,3-Trichloropropane	**<27.8**	ug/L	250	27.8	50		04/08/22 14:47	96-18-4	
1,2,4-Trimethylbenzene	**<22.4**	ug/L	50.0	22.4	50		04/08/22 14:47	95-63-6	
1,3,5-Trimethylbenzene	**<17.9**	ug/L	50.0	17.9	50		04/08/22 14:47	108-67-8	
Vinyl chloride	**25.2J**	ug/L	50.0	8.7	50		04/08/22 14:47	75-01-4	
m&p-Xylene	**<35.0**	ug/L	100	35.0	50		04/08/22 14:47	179601-23-1	
o-Xylene	**<17.4**	ug/L	50.0	17.4	50		04/08/22 14:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		50		04/08/22 14:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		50		04/08/22 14:47	2199-69-1	
Toluene-d8 (S)	97	%	70-130		50		04/08/22 14:47	2037-26-5	
Iron, Ferrous	Analytical Method: HACH 8146								
	Pace Analytical Services - Green Bay								
Iron, Ferrous	**40.8**	mg/L	2.5	0.66	50		04/12/22 10:49	15438-31-0	H6
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**46.7**	mg/L	10.0	2.2	5		04/12/22 01:17	16887-00-6	
Sulfate	**16.8**	mg/L	10.0	2.2	5		04/12/22 01:17	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**22.3**	mg/L	3.0	0.83	6		04/08/22 05:05	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW1500 **Lab ID: 40242840008** Collected: 03/29/22 13:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 12:26	74-84-0	
Ethene	**19.1**	ug/L	5.0	0.25	1		04/08/22 12:26	74-85-1	
Methane	**4790**	ug/L	280	57.6	100		04/08/22 15:01	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Manganese	**484**	ug/L	5.0	1.5	1	04/08/22 06:31	04/08/22 19:46	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<17.3**	ug/L	50.0	17.3	2		04/11/22 09:36	67-64-1	
Benzene	**<0.59**	ug/L	2.0	0.59	2		04/11/22 09:36	71-43-2	
Bromobenzene	**<0.72**	ug/L	2.0	0.72	2		04/11/22 09:36	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		04/11/22 09:36	74-97-5	
Bromodichloromethane	**<0.83**	ug/L	2.0	0.83	2		04/11/22 09:36	75-27-4	
Bromoform	**<7.6**	ug/L	10.0	7.6	2		04/11/22 09:36	75-25-2	
Bromomethane	**<2.4**	ug/L	10.0	2.4	2		04/11/22 09:36	74-83-9	
2-Butanone (MEK)	**<13.0**	ug/L	50.0	13.0	2		04/11/22 09:36	78-93-3	
n-Butylbenzene	**<1.7**	ug/L	2.0	1.7	2		04/11/22 09:36	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	2.0	0.85	2		04/11/22 09:36	135-98-8	
tert-Butylbenzene	**<1.2**	ug/L	2.0	1.2	2		04/11/22 09:36	98-06-6	
Carbon tetrachloride	**<0.74**	ug/L	2.0	0.74	2		04/11/22 09:36	56-23-5	
Chlorobenzene	**<1.7**	ug/L	2.0	1.7	2		04/11/22 09:36	108-90-7	
Chloroethane	**<2.8**	ug/L	10.0	2.8	2		04/11/22 09:36	75-00-3	
Chloroform	**<2.4**	ug/L	10.0	2.4	2		04/11/22 09:36	67-66-3	
Chloromethane	**<3.3**	ug/L	10.0	3.3	2		04/11/22 09:36	74-87-3	
2-Chlorotoluene	**<1.8**	ug/L	10.0	1.8	2		04/11/22 09:36	95-49-8	
4-Chlorotoluene	**<1.8**	ug/L	10.0	1.8	2		04/11/22 09:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.7**	ug/L	10.0	4.7	2		04/11/22 09:36	96-12-8	
Dibromochloromethane	**<5.3**	ug/L	10.0	5.3	2		04/11/22 09:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.62**	ug/L	2.0	0.62	2		04/11/22 09:36	106-93-4	
Dibromomethane	**<2.0**	ug/L	10.0	2.0	2		04/11/22 09:36	74-95-3	
1,2-Dichlorobenzene	**<0.65**	ug/L	2.0	0.65	2		04/11/22 09:36	95-50-1	
1,3-Dichlorobenzene	**<0.70**	ug/L	2.0	0.70	2		04/11/22 09:36	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	2.0	1.8	2		04/11/22 09:36	106-46-7	
Dichlorodifluoromethane	**<0.91**	ug/L	10.0	0.91	2		04/11/22 09:36	75-71-8	
1,1-Dichloroethane	**<0.59**	ug/L	2.0	0.59	2		04/11/22 09:36	75-34-3	
1,2-Dichloroethane	**<0.58**	ug/L	2.0	0.58	2		04/11/22 09:36	107-06-2	
1,1-Dichloroethene	**<1.2**	ug/L	2.0	1.2	2		04/11/22 09:36	75-35-4	
cis-1,2-Dichloroethene	**120**	ug/L	2.0	0.94	2		04/11/22 09:36	156-59-2	
trans-1,2-Dichloroethene	**81.0**	ug/L	2.0	1.1	2		04/11/22 09:36	156-60-5	
1,2-Dichloropropane	**<0.90**	ug/L	2.0	0.90	2		04/11/22 09:36	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	2.0	0.61	2		04/11/22 09:36	142-28-9	
2,2-Dichloropropane	**<8.4**	ug/L	10.0	8.4	2		04/11/22 09:36	594-20-7	
1,1-Dichloropropene	**<0.82**	ug/L	2.0	0.82	2		04/11/22 09:36	563-58-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW1500 **Lab ID: 40242840008** Collected: 03/29/22 13:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<0.72**	ug/L	2.0	0.72	2		04/11/22 09:36	10061-01-5	
trans-1,3-Dichloropropene	**<6.9**	ug/L	10.0	6.9	2		04/11/22 09:36	10061-02-6	
Diisopropyl ether	**<2.2**	ug/L	10.0	2.2	2		04/11/22 09:36	108-20-3	
Ethylbenzene	**<0.65**	ug/L	2.0	0.65	2		04/11/22 09:36	100-41-4	
Hexachloro-1,3-butadiene	**<5.5**	ug/L	10.0	5.5	2		04/11/22 09:36	87-68-3	
Isopropylbenzene (Cumene)	**<2.0**	ug/L	10.0	2.0	2		04/11/22 09:36	98-82-8	
p-Isopropyltoluene	**<2.1**	ug/L	10.0	2.1	2		04/11/22 09:36	99-87-6	
Methylene Chloride	**<0.64**	ug/L	10.0	0.64	2		04/11/22 09:36	75-09-2	
Methyl-tert-butyl ether	**<2.3**	ug/L	10.0	2.3	2		04/11/22 09:36	1634-04-4	
Naphthalene	**<2.3**	ug/L	10.0	2.3	2		04/11/22 09:36	91-20-3	
n-Propylbenzene	**<0.69**	ug/L	2.0	0.69	2		04/11/22 09:36	103-65-1	
Styrene	**<0.71**	ug/L	2.0	0.71	2		04/11/22 09:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.71**	ug/L	2.0	0.71	2		04/11/22 09:36	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.76**	ug/L	2.0	0.76	2		04/11/22 09:36	79-34-5	
Tetrachloroethene	**<0.82**	ug/L	2.0	0.82	2		04/11/22 09:36	127-18-4	
Toluene	**<0.58**	ug/L	2.0	0.58	2		04/11/22 09:36	108-88-3	
1,2,3-Trichlorobenzene	**<2.0**	ug/L	10.0	2.0	2		04/11/22 09:36	87-61-6	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		04/11/22 09:36	120-82-1	
1,1,1-Trichloroethane	**<0.61**	ug/L	2.0	0.61	2		04/11/22 09:36	71-55-6	
1,1,2-Trichloroethane	**<0.69**	ug/L	10.0	0.69	2		04/11/22 09:36	79-00-5	
Trichloroethene	**<0.64**	ug/L	2.0	0.64	2		04/11/22 09:36	79-01-6	
Trichlorofluoromethane	**<0.84**	ug/L	2.0	0.84	2		04/11/22 09:36	75-69-4	
1,2,3-Trichloropropane	**<1.1**	ug/L	10.0	1.1	2		04/11/22 09:36	96-18-4	
1,2,4-Trimethylbenzene	**<0.90**	ug/L	2.0	0.90	2		04/11/22 09:36	95-63-6	
1,3,5-Trimethylbenzene	**<0.71**	ug/L	2.0	0.71	2		04/11/22 09:36	108-67-8	
Vinyl chloride	**42.5**	ug/L	2.0	0.35	2		04/11/22 09:36	75-01-4	
m&p-Xylene	**<1.4**	ug/L	4.0	1.4	2		04/11/22 09:36	179601-23-1	
o-Xylene	**<0.70**	ug/L	2.0	0.70	2		04/11/22 09:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		2		04/11/22 09:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		2		04/11/22 09:36	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2		04/11/22 09:36	2037-26-5	
Iron, Ferrous	Analytical Method: HACH 8146								
	Pace Analytical Services - Green Bay								
Iron, Ferrous	**0.16**	mg/L	0.050	0.013	1		04/12/22 10:37	15438-31-0	H6
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**120**	mg/L	10.0	2.2	5		04/12/22 01:31	16887-00-6	
Sulfate	**12.6**	mg/L	10.0	2.2	5		04/12/22 01:31	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**11.0**	mg/L	0.50	0.14	1		04/08/22 05:23	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW200 **Lab ID: 40242840009** Collected: 03/29/22 13:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		04/08/22 12:33	74-84-0	
Ethene	**8.1**	ug/L	5.0	0.25	1		04/08/22 12:33	74-85-1	
Methane	**8630**	ug/L	280	57.6	100		04/08/22 15:08	74-82-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Manganese	**543**	ug/L	5.0	1.5	1	04/08/22 06:31	04/08/22 19:48	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Acetone	**<43.2**	ug/L	125	43.2	5		04/08/22 15:08	67-64-1	
Benzene	**<1.5**	ug/L	5.0	1.5	5		04/08/22 15:08	71-43-2	
Bromobenzene	**<1.8**	ug/L	5.0	1.8	5		04/08/22 15:08	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		04/08/22 15:08	74-97-5	
Bromodichloromethane	**<2.1**	ug/L	5.0	2.1	5		04/08/22 15:08	75-27-4	
Bromoform	**<19.0**	ug/L	25.0	19.0	5		04/08/22 15:08	75-25-2	
Bromomethane	**<6.0**	ug/L	25.0	6.0	5		04/08/22 15:08	74-83-9	
2-Butanone (MEK)	**<32.6**	ug/L	125	32.6	5		04/08/22 15:08	78-93-3	
n-Butylbenzene	**<4.3**	ug/L	5.0	4.3	5		04/08/22 15:08	104-51-8	
sec-Butylbenzene	**<2.1**	ug/L	5.0	2.1	5		04/08/22 15:08	135-98-8	
tert-Butylbenzene	**<2.9**	ug/L	5.0	2.9	5		04/08/22 15:08	98-06-6	
Carbon tetrachloride	**<1.8**	ug/L	5.0	1.8	5		04/08/22 15:08	56-23-5	
Chlorobenzene	**<4.3**	ug/L	5.0	4.3	5		04/08/22 15:08	108-90-7	
Chloroethane	**<6.9**	ug/L	25.0	6.9	5		04/08/22 15:08	75-00-3	
Chloroform	**<5.9**	ug/L	25.0	5.9	5		04/08/22 15:08	67-66-3	
Chloromethane	**<8.2**	ug/L	25.0	8.2	5		04/08/22 15:08	74-87-3	
2-Chlorotoluene	**<4.4**	ug/L	25.0	4.4	5		04/08/22 15:08	95-49-8	
4-Chlorotoluene	**<4.5**	ug/L	25.0	4.5	5		04/08/22 15:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<11.8**	ug/L	25.0	11.8	5		04/08/22 15:08	96-12-8	
Dibromochloromethane	**<13.2**	ug/L	25.0	13.2	5		04/08/22 15:08	124-48-1	
1,2-Dibromoethane (EDB)	**<1.5**	ug/L	5.0	1.5	5		04/08/22 15:08	106-93-4	
Dibromomethane	**<5.0**	ug/L	25.0	5.0	5		04/08/22 15:08	74-95-3	
1,2-Dichlorobenzene	**<1.6**	ug/L	5.0	1.6	5		04/08/22 15:08	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	5.0	1.8	5		04/08/22 15:08	541-73-1	
1,4-Dichlorobenzene	**<4.5**	ug/L	5.0	4.5	5		04/08/22 15:08	106-46-7	
Dichlorodifluoromethane	**<2.3**	ug/L	25.0	2.3	5		04/08/22 15:08	75-71-8	
1,1-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		04/08/22 15:08	75-34-3	
1,2-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		04/08/22 15:08	107-06-2	
1,1-Dichloroethene	**<2.9**	ug/L	5.0	2.9	5		04/08/22 15:08	75-35-4	
cis-1,2-Dichloroethene	**258**	ug/L	5.0	2.4	5		04/08/22 15:08	156-59-2	
trans-1,2-Dichloroethene	**519**	ug/L	5.0	2.6	5		04/08/22 15:08	156-60-5	
1,2-Dichloropropane	**<2.2**	ug/L	5.0	2.2	5		04/08/22 15:08	78-87-5	
1,3-Dichloropropane	**<1.5**	ug/L	5.0	1.5	5		04/08/22 15:08	142-28-9	
2,2-Dichloropropane	**<20.9**	ug/L	25.0	20.9	5		04/08/22 15:08	594-20-7	
1,1-Dichloropropene	**<2.1**	ug/L	5.0	2.1	5		04/08/22 15:08	563-58-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Sample: MW200 **Lab ID: 40242840009** Collected: 03/29/22 13:30 Received: 04/05/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,3-Dichloropropene	**<1.8**	ug/L	5.0	1.8	5		04/08/22 15:08	10061-01-5	
trans-1,3-Dichloropropene	**<17.3**	ug/L	25.0	17.3	5		04/08/22 15:08	10061-02-6	
Diisopropyl ether	**<5.5**	ug/L	25.0	5.5	5		04/08/22 15:08	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.0	1.6	5		04/08/22 15:08	100-41-4	
Hexachloro-1,3-butadiene	**<13.7**	ug/L	25.0	13.7	5		04/08/22 15:08	87-68-3	
Isopropylbenzene (Cumene)	**<5.0**	ug/L	25.0	5.0	5		04/08/22 15:08	98-82-8	
p-Isopropyltoluene	**<5.2**	ug/L	25.0	5.2	5		04/08/22 15:08	99-87-6	
Methylene Chloride	**<1.6**	ug/L	25.0	1.6	5		04/08/22 15:08	75-09-2	
Methyl-tert-butyl ether	**<5.6**	ug/L	25.0	5.6	5		04/08/22 15:08	1634-04-4	
Naphthalene	**<5.6**	ug/L	25.0	5.6	5		04/08/22 15:08	91-20-3	
n-Propylbenzene	**<1.7**	ug/L	5.0	1.7	5		04/08/22 15:08	103-65-1	
Styrene	**<1.8**	ug/L	5.0	1.8	5		04/08/22 15:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	5.0	1.8	5		04/08/22 15:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.9**	ug/L	5.0	1.9	5		04/08/22 15:08	79-34-5	
Tetrachloroethene	**<2.0**	ug/L	5.0	2.0	5		04/08/22 15:08	127-18-4	
Toluene	**<1.4**	ug/L	5.0	1.4	5		04/08/22 15:08	108-88-3	
1,2,3-Trichlorobenzene	**<5.1**	ug/L	25.0	5.1	5		04/08/22 15:08	87-61-6	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		04/08/22 15:08	120-82-1	
1,1,1-Trichloroethane	**<1.5**	ug/L	5.0	1.5	5		04/08/22 15:08	71-55-6	
1,1,2-Trichloroethane	**<1.7**	ug/L	25.0	1.7	5		04/08/22 15:08	79-00-5	
Trichloroethene	**<1.6**	ug/L	5.0	1.6	5		04/08/22 15:08	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	5.0	2.1	5		04/08/22 15:08	75-69-4	
1,2,3-Trichloropropane	**<2.8**	ug/L	25.0	2.8	5		04/08/22 15:08	96-18-4	
1,2,4-Trimethylbenzene	**<2.2**	ug/L	5.0	2.2	5		04/08/22 15:08	95-63-6	
1,3,5-Trimethylbenzene	**<1.8**	ug/L	5.0	1.8	5		04/08/22 15:08	108-67-8	
Vinyl chloride	**44.1**	ug/L	5.0	0.87	5		04/08/22 15:08	75-01-4	
m&p-Xylene	**<3.5**	ug/L	10.0	3.5	5		04/08/22 15:08	179601-23-1	
o-Xylene	**<1.7**	ug/L	5.0	1.7	5		04/08/22 15:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		5		04/08/22 15:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		5		04/08/22 15:08	2199-69-1	
Toluene-d8 (S)	98	%	70-130		5		04/08/22 15:08	2037-26-5	
Iron, Ferrous	Analytical Method: HACH 8146								
	Pace Analytical Services - Green Bay								
Iron, Ferrous	**0.85**	mg/L	0.050	0.013	1		04/12/22 10:39	15438-31-0	H6
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Chloride	**78.2**	mg/L	10.0	2.2	5		04/12/22 15:16	16887-00-6	
Sulfate	**13.5**	mg/L	10.0	2.2	5		04/12/22 15:16	14808-79-8	M0
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**7.2**	mg/L	0.50	0.14	1		04/08/22 06:01	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

QC Batch: 412607
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242840001, 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

METHOD BLANK: 2376145 Matrix: Water
Associated Lab Samples: 40242840001, 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	04/08/22 11:09	
Ethene	ug/L	<0.25	5.0	04/08/22 11:09	
Methane	ug/L	<0.58	2.8	04/08/22 11:09	

LABORATORY CONTROL SAMPLE & LCSD: 2376146 2376147

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	54.1	53.5	101	100	80-120	1	20	
Ethene	ug/L	50	50.4	49.8	101	100	80-120	1	20	
Methane	ug/L	28.6	29.4	29.2	103	102	80-121	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2376283 2376284

Parameter	Units	40242840003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	54.6	55.7	102	104	80-122	2	20	
Ethene	ug/L	<0.25	50	50	51.4	52.4	103	105	80-122	2	20	
Methane	ug/L	<0.58	28.6	28.6	31.7	32.2	111	113	10-200	2	20	

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: 8318 V&L STRIPPING
Pace Project No.: 40242840

QC Batch: 412561
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

METHOD BLANK: 2375973 Matrix: Water
Associated Lab Samples: 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Manganese	ug/L	<1.5	5.0	04/08/22 18:52	

LABORATORY CONTROL SAMPLE: 2375974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	250	265	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2375975 2375976

Parameter	Units	40242661001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Manganese	ug/L	43.9	250	250	304	303	104	104	75-125	0	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: 8318 V&L STRIPPING
Pace Project No.: 40242840

QC Batch: 412324
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242840001, 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

METHOD BLANK: 2374368
Matrix: Water
Associated Lab Samples: 40242840001, 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/07/22 17:14	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/07/22 17:14	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/07/22 17:14	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	04/07/22 17:14	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/07/22 17:14	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/07/22 17:14	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/07/22 17:14	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/07/22 17:14	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	04/07/22 17:14	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/07/22 17:14	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/07/22 17:14	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/07/22 17:14	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/07/22 17:14	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/07/22 17:14	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/07/22 17:14	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/07/22 17:14	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/07/22 17:14	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/07/22 17:14	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/07/22 17:14	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/07/22 17:14	
2,2-Dichloropropane	ug/L	<4.2	5.0	04/07/22 17:14	
2-Butanone (MEK)	ug/L	<6.5	25.0	04/07/22 17:14	
2-Chlorotoluene	ug/L	<0.89	5.0	04/07/22 17:14	
4-Chlorotoluene	ug/L	<0.89	5.0	04/07/22 17:14	
Acetone	ug/L	<8.6	25.0	04/07/22 17:14	
Benzene	ug/L	<0.30	1.0	04/07/22 17:14	
Bromobenzene	ug/L	<0.36	1.0	04/07/22 17:14	
Bromochloromethane	ug/L	<0.36	5.0	04/07/22 17:14	
Bromodichloromethane	ug/L	<0.42	1.0	04/07/22 17:14	
Bromoform	ug/L	<3.8	5.0	04/07/22 17:14	
Bromomethane	ug/L	<1.2	5.0	04/07/22 17:14	
Carbon tetrachloride	ug/L	<0.37	1.0	04/07/22 17:14	
Chlorobenzene	ug/L	<0.86	1.0	04/07/22 17:14	
Chloroethane	ug/L	<1.4	5.0	04/07/22 17:14	
Chloroform	ug/L	<1.2	5.0	04/07/22 17:14	
Chloromethane	ug/L	<1.6	5.0	04/07/22 17:14	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/07/22 17:14	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	04/07/22 17:14	
Dibromochloromethane	ug/L	<2.6	5.0	04/07/22 17:14	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

METHOD BLANK: 2374368 Matrix: Water

Associated Lab Samples: 40242840001, 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	04/07/22 17:14	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/07/22 17:14	
Diisopropyl ether	ug/L	<1.1	5.0	04/07/22 17:14	
Ethylbenzene	ug/L	<0.33	1.0	04/07/22 17:14	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/07/22 17:14	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/07/22 17:14	
m&p-Xylene	ug/L	<0.70	2.0	04/07/22 17:14	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/07/22 17:14	
Methylene Chloride	ug/L	<0.32	5.0	04/07/22 17:14	
n-Butylbenzene	ug/L	<0.86	1.0	04/07/22 17:14	
n-Propylbenzene	ug/L	<0.35	1.0	04/07/22 17:14	
Naphthalene	ug/L	<1.1	5.0	04/07/22 17:14	
o-Xylene	ug/L	<0.35	1.0	04/07/22 17:14	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/07/22 17:14	
sec-Butylbenzene	ug/L	<0.42	1.0	04/07/22 17:14	
Styrene	ug/L	<0.36	1.0	04/07/22 17:14	
tert-Butylbenzene	ug/L	<0.59	1.0	04/07/22 17:14	
Tetrachloroethene	ug/L	<0.41	1.0	04/07/22 17:14	
Toluene	ug/L	<0.29	1.0	04/07/22 17:14	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/07/22 17:14	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	04/07/22 17:14	
Trichloroethene	ug/L	<0.32	1.0	04/07/22 17:14	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/07/22 17:14	
Vinyl chloride	ug/L	<0.17	1.0	04/07/22 17:14	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	04/07/22 17:14	
4-Bromofluorobenzene (S)	%	101	70-130	04/07/22 17:14	
Toluene-d8 (S)	%	97	70-130	04/07/22 17:14	

LABORATORY CONTROL SAMPLE: 2374369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.2	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	66-130	
1,1,2-Trichloroethane	ug/L	50	51.5	103	70-130	
1,1-Dichloroethane	ug/L	50	55.4	111	68-132	
1,1-Dichloroethene	ug/L	50	52.0	104	85-126	
1,2,4-Trichlorobenzene	ug/L	50	50.2	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.1	102	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	51.3	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.5	103	70-130	
1,2-Dichloroethane	ug/L	50	55.8	112	70-130	
1,2-Dichloropropane	ug/L	50	53.5	107	78-125	
1,3-Dichlorobenzene	ug/L	50	51.6	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

LABORATORY CONTROL SAMPLE: 2374369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	51.3	103	70-130	
Benzene	ug/L	50	54.7	109	70-132	
Bromodichloromethane	ug/L	50	56.2	112	70-130	
Bromoform	ug/L	50	50.4	101	65-130	
Bromomethane	ug/L	50	34.3	69	44-128	
Carbon tetrachloride	ug/L	50	60.8	122	70-130	
Chlorobenzene	ug/L	50	54.8	110	70-130	
Chloroethane	ug/L	50	53.4	107	73-137	
Chloroform	ug/L	50	56.5	113	80-122	
Chloromethane	ug/L	50	49.6	99	27-148	
cis-1,2-Dichloroethene	ug/L	50	53.1	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.4	99	70-130	
Dibromochloromethane	ug/L	50	51.8	104	70-130	
Dichlorodifluoromethane	ug/L	50	39.2	78	22-151	
Ethylbenzene	ug/L	50	57.3	115	80-123	
Isopropylbenzene (Cumene)	ug/L	50	58.3	117	70-130	
m&p-Xylene	ug/L	100	115	115	70-130	
Methyl-tert-butyl ether	ug/L	50	52.6	105	66-130	
Methylene Chloride	ug/L	50	55.1	110	70-130	
o-Xylene	ug/L	50	54.9	110	70-130	
Styrene	ug/L	50	59.1	118	70-130	
Tetrachloroethene	ug/L	50	55.6	111	70-130	
Toluene	ug/L	50	53.9	108	80-121	
trans-1,2-Dichloroethene	ug/L	50	54.5	109	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.9	90	58-125	
Trichloroethene	ug/L	50	56.5	113	70-130	
Trichlorofluoromethane	ug/L	50	54.2	108	84-148	
Vinyl chloride	ug/L	50	50.0	100	63-142	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

QC Batch: 412875
QC Batch Method: HACH 8146
Analysis Method: HACH 8146
Analysis Description: Iron, Ferrous
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

METHOD BLANK: 2377404 Matrix: Water
Associated Lab Samples: 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Ferrous	mg/L	<0.013	0.050	04/12/22 10:24	H6

LABORATORY CONTROL SAMPLE: 2377405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	0.6	0.62	103	80-120	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2377406 2377407

Parameter	Units	40242840002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	0.34	0.6	0.6	0.92	0.95	97	103	80-120	4	20	H6

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

QC Batch: 412665
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008

METHOD BLANK: 2376845 Matrix: Water
Associated Lab Samples: 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	04/11/22 18:21	
Sulfate	mg/L	<0.44	2.0	04/11/22 18:21	

LABORATORY CONTROL SAMPLE: 2376846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.5	108	90-110	
Sulfate	mg/L	20	21.5	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2376847 2376848

Parameter	Units	35707486009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	403	400	400	856	832	113	107	90-110	3	15	M0
Sulfate	mg/L	121	100	100	226	225	105	104	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2376849 2376850

Parameter	Units	40242840008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	120	100	100	226	223	105	103	90-110	1	15	
Sulfate	mg/L	12.6	100	100	121	121	109	108	90-110	1	15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

QC Batch: 412781
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242840009

METHOD BLANK: 2377151 Matrix: Water
Associated Lab Samples: 40242840009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	04/12/22 14:36	
Sulfate	mg/L	<0.44	2.0	04/12/22 14:36	

LABORATORY CONTROL SAMPLE: 2377152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	18.8	94	90-110	
Sulfate	mg/L	20	19.6	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2377153 2377154

Parameter	Units	40242840009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	78.2	100	100	176	175	97	97	90-110	0	15	
Sulfate	mg/L	13.5	100	100	124	124	111	111	90-110	0	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2377155 2377156

Parameter	Units	40242847007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	11.1	20	20	33.1	32.8	110	108	90-110	1	15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

QC Batch: 412309 — Analysis Method: SM 5310C
QC Batch Method: SM 5310C — Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

METHOD BLANK: 2374313 — Matrix: Water
Associated Lab Samples: 40242840002, 40242840003, 40242840004, 40242840005, 40242840006, 40242840007, 40242840008, 40242840009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.17J	0.50	04/06/22 18:05	

LABORATORY CONTROL SAMPLE: 2374314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.1	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2374315 2374316

Parameter	Units	40242400019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	11.1	18	18	26.8	26.0	87	82	80-120	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2374317 2374318

Parameter	Units	40242730001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	4.4	6	6	10.1	10.0	95	94	80-120	1	10	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALIFIERS

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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

H6	Analysis initiated outside of the 15 minute EPA required holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40242840001	**TW1400**	EPA 8015B Modified	412607		
40242840002	**PZ1700**	EPA 8015B Modified	412607		
40242840003	**MW1000**	EPA 8015B Modified	412607		
40242840004	**MW3200**	EPA 8015B Modified	412607		
40242840005	**MW800**	EPA 8015B Modified	412607		
40242840006	**MW2100**	EPA 8015B Modified	412607		
40242840007	**MW100**	EPA 8015B Modified	412607		
40242840008	**MW1500**	EPA 8015B Modified	412607		
40242840009	**MW200**	EPA 8015B Modified	412607		
40242840002	**PZ1700**	EPA 3010A	412561	EPA 6010D	412647
40242840003	**MW1000**	EPA 3010A	412561	EPA 6010D	412647
40242840004	**MW3200**	EPA 3010A	412561	EPA 6010D	412647
40242840005	**MW800**	EPA 3010A	412561	EPA 6010D	412647
40242840006	**MW2100**	EPA 3010A	412561	EPA 6010D	412647
40242840007	**MW100**	EPA 3010A	412561	EPA 6010D	412647
40242840008	**MW1500**	EPA 3010A	412561	EPA 6010D	412647
40242840009	**MW200**	EPA 3010A	412561	EPA 6010D	412647
40242840001	**TW1400**	EPA 8260	412324		
40242840002	**PZ1700**	EPA 8260	412324		
40242840003	**MW1000**	EPA 8260	412324		
40242840004	**MW3200**	EPA 8260	412324		
40242840005	**MW800**	EPA 8260	412324		
40242840006	**MW2100**	EPA 8260	412324		
40242840007	**MW100**	EPA 8260	412324		
40242840008	**MW1500**	EPA 8260	412324		
40242840009	**MW200**	EPA 8260	412324		
40242840002	**PZ1700**	HACH 8146	412875		
40242840003	**MW1000**	HACH 8146	412875		
40242840004	**MW3200**	HACH 8146	412875		
40242840005	**MW800**	HACH 8146	412875		
40242840006	**MW2100**	HACH 8146	412875		
40242840007	**MW100**	HACH 8146	412875		
40242840008	**MW1500**	HACH 8146	412875		
40242840009	**MW200**	HACH 8146	412875		
40242840002	**PZ1700**	EPA 300.0	412665		
40242840003	**MW1000**	EPA 300.0	412665		
40242840004	**MW3200**	EPA 300.0	412665		
40242840005	**MW800**	EPA 300.0	412665		
40242840006	**MW2100**	EPA 300.0	412665		
40242840007	**MW100**	EPA 300.0	412665		
40242840008	**MW1500**	EPA 300.0	412665		
40242840009	**MW200**	EPA 300.0	412781		
40242840002	**PZ1700**	SM 5310C	412309		
40242840003	**MW1000**	SM 5310C	412309		
40242840004	**MW3200**	SM 5310C	412309		
40242840005	**MW800**	SM 5310C	412309		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 8318 V&L STRIPPING
Pace Project No.: 40242840

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40242840006	**MW2100**	SM 5310C	412309		
40242840007	**MW100**	SM 5310C	412309		
40242840008	**MW1500**	SM 5310C	412309		
40242840009	**MW200**	SM 5310C	412309		

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

40242840

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:	REI
Branch/Location:	New Sew
Project Contact:	Andy DeForge
Phone:	715 675 9784
Project Number:	8318
Project Name:	V&L Stripping
Project State:	WI
Sampled By (Print):	Paul Bushey
Sampled By (Sign):	Paul B
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Andy DeForge
Mail To Company:	REI
Mail To Address:	ADeForge@REIengr.com
Invoice To Contact:	SAA
Invoice To Company:	SAA
Invoice To Address:	SAA
Invoice To Phone:	SAA

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC 8015 (Methane, Ethane, Ethene)	Chloride, Ferrous Fe	TOC	Manganese	Methane, Ethane, Ethene	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	B								
001	TW1400						X				X			
002	PZ1700						X	X	X	X	X			
003	MW1000						X	X	X	X	X			
004	MW3200						X	X	X	X	X			
	[redacted]												① Cancelled per AD 4-5-22	
005	MW800						X	X	X	X	X			
006	MW2600						X	X	X	X	X			
007	MW100						X	X	X	X	X			
008	MW1500						X	X	X	X	X			
009	MW200						X	X	X	X	X			
	[redacted]													

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:
	4/4/22 4:30 p		
Walter	4/5/22 0835	[signature]	4/5/22 0835

PACE Project No.: 40242840
Receipt Temp = 4.8 °C
Sample Receipt pH: OK / Adjusted
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Preservation Receipt Form

Client Name: RET Project # 402472840

All containers needing preservation have been checked and noted below: ☒Yes ☐No ☐N/A Initial when completed: 012 Date/Time:

Lab Lot# of pH paper: 203112 Lab Std #ID of preservation (if pH adjusted):

	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *					
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN		H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001				X	4/15/22 012												5															2.5 / 5 / 10
002				\						\		\					6										\				X		2.5 / 5 / 10
003				\						\		\					6														X		2.5 / 5 / 10
004				\						\		\					6														X		2.5 / 5 / 10
005				\						\		\					6														X		2.5 / 5 / 10
006				\						\		\					6														X		2.5 / 5 / 10
007				\						\		\					6														X		2.5 / 5 / 10
008				\						\		\					6														X		2.5 / 5 / 10
009				\						\		\					6														X		2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

4/15/22 012

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): ☒Yes ☐No ☐N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40242840

40242840

Client Name: RE1

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☒ Waltco ☐ Client ☐ Pace Other:

Tracking #: 317691-1

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 SR - 107 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 5 /Corr: 4.8

Temp Blank Present: ☒ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 4/5/20 Initials: AL

Labeled By Initials:

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. no pH, matrix, collect date/times
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3. Dated "4/4/12" 4/5/20 AL 4/5/20 AL
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☒No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☒No ☐N/A	12. 001-009; "3/29/12" 001: "9:00", 002: "9:30", 003: "10:00", 004: "10:30", 005: "12:30", 006: "12:30"
Trip Blank Present:	☐Yes ☒No ☐N/A	13. 007: "1:00", 008: "1:30", 009: "12:00" 4/5/22 AL
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:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Page 2 of 2

Synergy Environmental Lab, LLC.

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

ANDY DELFORGE
REI
4080 N. 20TH AVENUE
WAUSAU. WI 54401

Report Date *08-Apr-22*

Project Name V&L STRIPPING **Invoice #** E40744
Project # 8318

Lab Code 5040744A
Sample ID SSD
Sample Matrix Air
Sample Date 3/29/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	18.7	ug/m3	0.299	0.95	1	TO-15		4/4/2022	CJR	1
Benzene	1.34	ug/m3	0.136	0.433	1	TO-15		4/4/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/4/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/4/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/4/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/4/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/4/2022	CJR	1
Carbon Disulfide	< 0.138	ug/m3	0.138	0.44	1	TO-15		4/4/2022	CJR	1
Carbon Tetrachloride	0.44 "J"	ug/m3	0.307	0.978	1	TO-15		4/4/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/4/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/4/2022	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/4/2022	CJR	1
Chloromethane	1.01 "J"	ug/m3	0.831	2.64	1	TO-15		4/4/2022	CJR	1
Cyclohexane	0.93	ug/m3	0.212	0.674	1	TO-15		4/4/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/4/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/4/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/4/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/4/2022	CJR	1
Dichlorodifluoromethane	2.97	ug/m3	0.263	0.836	1	TO-15		4/4/2022	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/4/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/4/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/4/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/4/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/4/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/4/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40744
Project # 8318

Lab Code 5040744A
Sample ID SSD
Sample Matrix Air
Sample Date 3/29/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/4/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/4/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/4/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/4/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/4/2022	CJR	1
Ethanol	17.7	ug/m3	0.152	0.482	1	TO-15		4/4/2022	CJR	1
Ethyl Acetate	2.02	ug/m3	0.176	0.559	1	TO-15		4/4/2022	CJR	1
Ethylbenzene	1.82	ug/m3	0.203	0.645	1	TO-15		4/4/2022	CJR	1
4-Ethyltoluene	0.59 "J"	ug/m3	0.214	0.681	1	TO-15		4/4/2022	CJR	1
Heptane	2.45	ug/m3	0.265	0.845	1	TO-15		4/4/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/4/2022	CJR	1
Hexane	1.69	ug/m3	0.235	0.748	1	TO-15		4/4/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		4/4/2022	CJR	1
Isopropyl Alcohol	3.1	ug/m3	0.109	0.347	1	TO-15		4/4/2022	CJR	1
Methyl ethyl ketone (MEK)	1.15	ug/m3	0.178	0.567	1	TO-15		4/4/2022	CJR	1
Methyl isobutyl ketone (MIBK)	0.49 "J"	ug/m3	0.168	0.536	1	TO-15		4/4/2022	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/4/2022	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		4/4/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/4/2022	CJR	1
Naphthalene	0.94 "J"	ug/m3	0.675	2.15	1	TO-15		4/4/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/4/2022	CJR	1
Styrene	1.06	ug/m3	0.181	0.577	1	TO-15		4/4/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/4/2022	CJR	1
Tetrachloroethene	5.8	ug/m3	0.278	0.884	1	TO-15		4/4/2022	CJR	1
Tetrahydrofuran	0.65	ug/m3	0.131	0.417	1	TO-15		4/4/2022	CJR	1
Toluene	7.7	ug/m3	0.184	0.585	1	TO-15		4/4/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/4/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/4/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/4/2022	CJR	1
Trichloroethene (TCE)	0.268 "J"	ug/m3	0.237	0.754	1	TO-15		4/4/2022	CJR	1
Trichlorofluoromethane	1.35	ug/m3	0.337	1.07	1	TO-15		4/4/2022	CJR	1
Trichlorotrifluoroethane	0.46 "J"	ug/m3	0.402	1.28	1	TO-15		4/4/2022	CJR	1
1,2,4-Trimethylbenzene	1.52	ug/m3	0.283	0.899	1	TO-15		4/4/2022	CJR	1
1,3,5-Trimethylbenzene	0.44 "J"	ug/m3	0.232	0.739	1	TO-15		4/4/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/4/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/4/2022	CJR	1
m&p-Xylene	5.9	ug/m3	0.377	1.2	1	TO-15		4/4/2022	CJR	1
o-Xylene	1.82	ug/m3	0.218	0.695	1	TO-15		4/4/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40744
Project # 8318

Lab Code 5040744B
Sample ID SSI
Sample Matrix Air
Sample Date 3/29/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	4200	ug/m3	2.99	9.5	10	TO-15		4/7/2022	CJR	1
Benzene	44	ug/m3	0.136	0.433	1	TO-15		4/4/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/4/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/4/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/4/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/4/2022	CJR	1
1,3-Butadiene	8.6	ug/m3	0.143	0.454	1	TO-15		4/4/2022	CJR	1
Carbon Disulfide	0.44 "J"	ug/m3	0.138	0.44	1	TO-15		4/4/2022	CJR	1
Carbon Tetrachloride	0.57 "J"	ug/m3	0.307	0.978	1	TO-15		4/4/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/4/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/4/2022	CJR	1
Chloroform	0.68 "J"	ug/m3	0.3	0.953	1	TO-15		4/4/2022	CJR	1
Chloromethane	1.18 "J"	ug/m3	0.831	2.64	1	TO-15		4/4/2022	CJR	1
Cyclohexane	11.7	ug/m3	0.212	0.674	1	TO-15		4/4/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/4/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/4/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/4/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/4/2022	CJR	1
Dichlorodifluoromethane	2.62	ug/m3	0.263	0.836	1	TO-15		4/4/2022	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/4/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/4/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/4/2022	CJR	1
cis-1,2-Dichloroethene	1.86	ug/m3	0.197	0.626	1	TO-15		4/4/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/4/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/4/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/4/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/4/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/4/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/4/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/4/2022	CJR	1
Ethanol	440	ug/m3	1.52	4.82	10	TO-15		4/7/2022	CJR	1
Ethyl Acetate	20.1	ug/m3	0.176	0.559	1	TO-15		4/4/2022	CJR	1
Ethylbenzene	31.5	ug/m3	0.203	0.645	1	TO-15		4/4/2022	CJR	1
4-Ethyltoluene	27.8	ug/m3	0.214	0.681	1	TO-15		4/4/2022	CJR	1
Heptane	22.1	ug/m3	0.265	0.845	1	TO-15		4/4/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/4/2022	CJR	1
Hexane	37	ug/m3	0.235	0.748	1	TO-15		4/4/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		4/4/2022	CJR	1
Isopropyl Alcohol	59	ug/m3	0.109	0.347	1	TO-15		4/4/2022	CJR	1
Methyl ethyl ketone (MEK)	66	ug/m3	0.178	0.567	1	TO-15		4/4/2022	CJR	1
Methyl isobutyl ketone (MIBK)	7.7	ug/m3	0.168	0.536	1	TO-15		4/4/2022	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/4/2022	CJR	1
Methylene chloride	16.3	ug/m3	0.159	0.506	1	TO-15		4/4/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/4/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40744
Project # 8318

Lab Code 5040744B
Sample ID SSI
Sample Matrix Air
Sample Date 3/29/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	4.7	ug/m3	0.675	2.15	1	TO-15		4/4/2022	CJR	1
Propene	63	ug/m3	0.079	0.251	1	TO-15		4/4/2022	CJR	1
Styrene	3.8	ug/m3	0.181	0.577	1	TO-15		4/4/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/4/2022	CJR	1
Tetrachloroethene	31.4	ug/m3	0.278	0.884	1	TO-15		4/4/2022	CJR	1
Tetrahydrofuran	9.2	ug/m3	0.131	0.417	1	TO-15		4/4/2022	CJR	1
Toluene	410	ug/m3	1.84	5.85	10	TO-15		4/7/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/4/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/4/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/4/2022	CJR	1
Trichloroethene (TCE)	2.3	ug/m3	0.237	0.754	1	TO-15		4/4/2022	CJR	1
Trichlorofluoromethane	1.35	ug/m3	0.337	1.07	1	TO-15		4/4/2022	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		4/4/2022	CJR	1
1,2,4-Trimethylbenzene	89	ug/m3	0.283	0.899	1	TO-15		4/4/2022	CJR	1
1,3,5-Trimethylbenzene	47	ug/m3	0.232	0.739	1	TO-15		4/4/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/4/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/4/2022	CJR	1
m&p-Xylene	73	ug/m3	0.377	1.2	1	TO-15		4/4/2022	CJR	1
o-Xylene	16.2	ug/m3	0.218	0.695	1	TO-15		4/4/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40744
Project # 8318

Lab Code 5040744C
Sample ID SSU
Sample Matrix Air
Sample Date 3/29/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	86	ug/m3	0.299	0.95	1	TO-15		4/4/2022	CJR	1
Benzene	3.4	ug/m3	0.136	0.433	1	TO-15		4/4/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/4/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/4/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/4/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/4/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/4/2022	CJR	1
Carbon Disulfide	0.44 "J"	ug/m3	0.138	0.44	1	TO-15		4/4/2022	CJR	1
Carbon Tetrachloride	0.5 "J"	ug/m3	0.307	0.978	1	TO-15		4/4/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/4/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/4/2022	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/4/2022	CJR	1
Chloromethane	0.91 "J"	ug/m3	0.831	2.64	1	TO-15		4/4/2022	CJR	1
Cyclohexane	1.07	ug/m3	0.212	0.674	1	TO-15		4/4/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/4/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/4/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/4/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/4/2022	CJR	1
Dichlorodifluoromethane	2.77	ug/m3	0.263	0.836	1	TO-15		4/4/2022	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/4/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/4/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/4/2022	CJR	1
cis-1,2-Dichloroethene	0.99	ug/m3	0.197	0.626	1	TO-15		4/4/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/4/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/4/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/4/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/4/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/4/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/4/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/4/2022	CJR	1
Ethanol	60	ug/m3	0.152	0.482	1	TO-15		4/4/2022	CJR	1
Ethyl Acetate	3.9	ug/m3	0.176	0.559	1	TO-15		4/4/2022	CJR	1
Ethylbenzene	4.5	ug/m3	0.203	0.645	1	TO-15		4/4/2022	CJR	1
4-Ethyltoluene	1.03	ug/m3	0.214	0.681	1	TO-15		4/4/2022	CJR	1
Heptane	3.11	ug/m3	0.265	0.845	1	TO-15		4/4/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/4/2022	CJR	1
Hexane	4.2	ug/m3	0.235	0.748	1	TO-15		4/4/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		4/4/2022	CJR	1
Isopropyl Alcohol	5.9	ug/m3	0.109	0.347	1	TO-15		4/4/2022	CJR	1
Methyl ethyl ketone (MEK)	6.9	ug/m3	0.178	0.567	1	TO-15		4/4/2022	CJR	1
Methyl isobutyl ketone (MIBK)	0.286 "J"	ug/m3	0.168	0.536	1	TO-15		4/4/2022	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/4/2022	CJR	1
Methylene chloride	15.9	ug/m3	0.159	0.506	1	TO-15		4/4/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/4/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40744
Project # 8318

Lab Code 5040744C
Sample ID SSU
Sample Matrix Air
Sample Date 3/29/2022

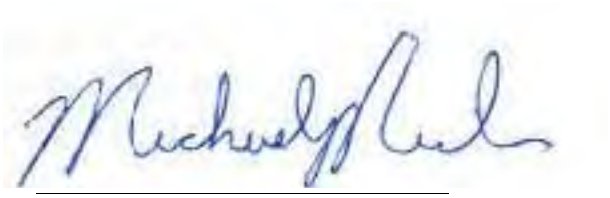
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	0.78 "J"	ug/m3	0.675	2.15	1	TO-15		4/4/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/4/2022	CJR	1
Styrene	1.74	ug/m3	0.181	0.577	1	TO-15		4/4/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/4/2022	CJR	1
Tetrachloroethene	13	ug/m3	0.278	0.884	1	TO-15		4/4/2022	CJR	1
Tetrahydrofuran	2.03	ug/m3	0.131	0.417	1	TO-15		4/4/2022	CJR	1
Toluene	54	ug/m3	0.184	0.585	1	TO-15		4/4/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/4/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/4/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/4/2022	CJR	1
Trichloroethene (TCE)	0.75 "J"	ug/m3	0.237	0.754	1	TO-15		4/4/2022	CJR	1
Trichlorofluoromethane	1.29	ug/m3	0.337	1.07	1	TO-15		4/4/2022	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/4/2022	CJR	1
1,2,4-Trimethylbenzene	2.11	ug/m3	0.283	0.899	1	TO-15		4/4/2022	CJR	1
1,3,5-Trimethylbenzene	0.78	ug/m3	0.232	0.739	1	TO-15		4/4/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/4/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/4/2022	CJR	1
m&p-Xylene	14.3	ug/m3	0.377	1.2	1	TO-15		4/4/2022	CJR	1
o-Xylene	4.9	ug/m3	0.218	0.695	1	TO-15		4/4/2022	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Chain # No 38787

Page 1 of 1

Sample Handling Request

___ Rush Analysis Date Required: ___
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
QUOTE # :	
Project #:	8318
Sampler: (signature)	

Project (Name / Location):	U+L STRIPING		
Reports To:	Andy McEldowney	Invoice To:	AP
Company	PDI	Company	PDI
Address	4080 N. 28th Ave	Address	
City State Zip	Wausau, WI 54401	City State Zip	
Phone	715-675-9784	Phone	
Email	AMCELDOWNEY@PDENGINEERING.COM	Email	

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
5040744 A	SSD	3/24/22	13:10	N	1	S	ICE
B	SSE		11:25				
C	SS4		12:15				

Analysis Requested

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS
													X	
													X	
													X	

Other Analysis

PID/FID

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

Sample Integrity - To be completed by receiving lab.

Method of Shipment: Courier

Temp. of Temp. Blank: ____ °C On Ice: ____

Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	3/29/22	3:35pm			

Received in Laboratory By: [signature] Time: 1135 Date: 4/1/22

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

April 26, 2022

Andy Delforge
REI
4080 North 20th Avenue
Wausau, WI 54401

RE: Project: V+L STRIPPING
Pace Project No.: 40243587

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on April 19, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Green Bay

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kaylin Felix, REI

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

CERTIFICATIONS

Project: V+L STRIPPING
Pace Project No.: 40243587

Pace Analytical Services Green Bay
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: V+L STRIPPING
Pace Project No.: 40243587

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40243587001	**CGP1, 4-6'**	Solid	04/14/22 09:00	04/19/22 08:45

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: V+L STRIPPING
Pace Project No.: 40243587

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40243587001	**CGP1, 4-6'**	EPA 8260	LAP	4	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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

ANALYTICAL RESULTS

Project: V+L STRIPPING
Pace Project No.: 40243587

Sample: CGP1, 4-6' **Lab ID: 40243587001** Collected: 04/14/22 09:00 Received: 04/19/22 08:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 04/20/22 15:33 Pace Analytical Services - Green Bay								
Tetrachloroethene	**862**	ug/L	20.0	8.2	20		04/22/22 11:24	127-18-4	
Surrogates									
Toluene-d8 (S)	103	%	70-130		20		04/22/22 11:24	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		20		04/22/22 11:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		20		04/22/22 11:24	2199-69-1	

Pace Analytical Services, LLC
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Green Bay, WI 54302
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QUALITY CONTROL DATA

Project: V+L STRIPPING
Pace Project No.: 40243587

QC Batch: 413772
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40243587001

METHOD BLANK: 2382334 Matrix: Water
Associated Lab Samples: 40243587001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/L	<0.41	1.0	04/22/22 07:46	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	04/22/22 07:46	
4-Bromofluorobenzene (S)	%	107	70-130	04/22/22 07:46	
Toluene-d8 (S)	%	105	70-130	04/22/22 07:46	

METHOD BLANK: 2381848 Matrix: Solid
Associated Lab Samples: 40243587001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/L	<4.1	10.0	04/22/22 10:45	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130	04/22/22 10:45	
4-Bromofluorobenzene (S)	%	110	70-130	04/22/22 10:45	
Toluene-d8 (S)	%	105	70-130	04/22/22 10:45	

LABORATORY CONTROL SAMPLE: 2382335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	51.7	103	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			108	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2382968 2382969

Parameter	Units	40243600001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tetrachloroethene	ug/L	<0.010 mg/L	500	500	520	518	104	104	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						102	102	70-130			
4-Bromofluorobenzene (S)	%						107	108	70-130			
Toluene-d8 (S)	%						103	106	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: V+L STRIPPING
Pace Project No.: 40243587

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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: V+L STRIPPING
Pace Project No.: 40243587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40243587001	**CGP1, 4-6'**	EPA 8260	413772		

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

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:	[illegible]
Branch/Location:	W Asm
Project Contact:	Andy Kelfoske
Phone:	715-675-9781
Project Number:	8318
Project Name:	U of C Stamps
Project State:	WI
Sampled By (Print):	Andy Kelfoske
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
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
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A	TCLP ICE			
001	CG1, 4-5'	4/14/22	9:00	S		B				

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:
[signature]	4/18/22 16:10		
WALTCO	4/19/22 0845	Tony Pace	4/19/22 0845

PACE Project No.

Receipt Temp = 4.1 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Preservation Receipt Form

Client Name: REI Engineers Project # 40243587

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☑N/A

Initial when completed: Date/ Time:

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																						R											2.5 / 5 / 10
013																						4/19/22											2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): ☐Yes ☐No ☑N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #: WO# : 40243587

40243587

Client Name: REI Engineers

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☑ Waltco ☐ Client ☐ Pace Other: _____

Tracking #: 319393948-1

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 SR - 113 **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 4 /Corr: 4.1

Temp Blank Present: ☑ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents: Date: 4/19/22 Initials: TP

Labeled By Initials

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

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.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☑No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: S	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☐Yes ☐No ☑N/A	13.
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: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Synergy Environmental Lab, LLC.

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

ANDY DEFORGE
REI
4080 N. 20TH AVENUE
WAUSAU. WI 54401

Report Date *26-Apr-22*

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833A
Sample ID SS864M
Sample Matrix Air
Sample Date 4/14/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	400	ug/m3	2.99	9.5	10	TO-15		4/22/2022	CJR	1
Benzene	36	ug/m3	0.136	0.433	1	TO-15		4/21/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/21/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/21/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/21/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/21/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/21/2022	CJR	1
Carbon Disulfide	2.8	ug/m3	0.138	0.44	1	TO-15		4/21/2022	CJR	1
Carbon Tetrachloride	0.38 "J"	ug/m3	0.307	0.978	1	TO-15		4/21/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/21/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/21/2022	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/21/2022	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		4/21/2022	CJR	1
Cyclohexane	36	ug/m3	0.212	0.674	1	TO-15		4/21/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/21/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/21/2022	CJR	1
Dichlorodifluoromethane	3.4	ug/m3	0.263	0.836	1	TO-15		4/21/2022	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/21/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/21/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/21/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833A
Sample ID SS864M
Sample Matrix Air
Sample Date 4/14/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/21/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/21/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/21/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/21/2022	CJR	1
Ethanol	172	ug/m3	0.152	0.482	1	TO-15		4/21/2022	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		4/21/2022	CJR	1
Ethylbenzene	19.1	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
4-Ethyltoluene	2.4	ug/m3	0.214	0.681	1	TO-15		4/21/2022	CJR	1
Heptane	46	ug/m3	0.265	0.845	1	TO-15		4/21/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/21/2022	CJR	1
Hexane	102	ug/m3	0.235	0.748	1	TO-15		4/21/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		4/21/2022	CJR	1
Isopropyl Alcohol	13.4	ug/m3	0.109	0.347	1	TO-15		4/21/2022	CJR	1
Methyl ethyl ketone (MEK)	18.8	ug/m3	0.178	0.567	1	TO-15		4/21/2022	CJR	1
Methyl isobutyl ketone (MIBK)	2.29	ug/m3	0.168	0.536	1	TO-15		4/21/2022	CJR	1
Methyl Methacrylate	3.6	ug/m3	0.217	0.69	1	TO-15		4/21/2022	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		4/21/2022	CJR	1
Methyl tert-butyl ether (MTBE)	10	ug/m3	0.16	0.509	1	TO-15		4/21/2022	CJR	1
Naphthalene	0.73 "J"	ug/m3	0.675	2.15	1	TO-15		4/21/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/21/2022	CJR	1
Styrene	1.19	ug/m3	0.181	0.577	1	TO-15		4/21/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/21/2022	CJR	1
Tetrachloroethene	64	ug/m3	0.278	0.884	1	TO-15		4/21/2022	CJR	1
Tetrahydrofuran	12.5	ug/m3	0.131	0.417	1	TO-15		4/21/2022	CJR	1
Toluene	169	ug/m3	0.184	0.585	1	TO-15		4/21/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/21/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/21/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/21/2022	CJR	1
Trichloroethene (TCE)	1.61	ug/m3	0.237	0.754	1	TO-15		4/21/2022	CJR	1
Trichlorofluoromethane	1.63	ug/m3	0.337	1.07	1	TO-15		4/21/2022	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/21/2022	CJR	1
1,2,4-Trimethylbenzene	6.5	ug/m3	0.283	0.899	1	TO-15		4/21/2022	CJR	1
1,3,5-Trimethylbenzene	2.16	ug/m3	0.232	0.739	1	TO-15		4/21/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
Vinyl Chloride	0.256 "J"	ug/m3	0.148	0.472	1	TO-15		4/21/2022	CJR	1
m&p-Xylene	55	ug/m3	0.377	1.2	1	TO-15		4/21/2022	CJR	1
o-Xylene	18.8	ug/m3	0.218	0.695	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833B
Sample ID AA864M
Sample Matrix Air
Sample Date 4/15/2022

Organic

Air Samples

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Acetone	34	ug/m3	0.299	0.95	1	TO-15		4/21/2022	CJR	1
Benzene	1.66	ug/m3	0.136	0.433	1	TO-15		4/21/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/21/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/21/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/21/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/21/2022	CJR	1
1,3-Butadiene	0.77	ug/m3	0.143	0.454	1	TO-15		4/21/2022	CJR	1
Carbon Disulfide	1.43	ug/m3	0.138	0.44	1	TO-15		4/21/2022	CJR	1
Carbon Tetrachloride	0.63 "J"	ug/m3	0.307	0.978	1	TO-15		4/21/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/21/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/21/2022	CJR	1
Chloroform	0.49 "J"	ug/m3	0.3	0.953	1	TO-15		4/21/2022	CJR	1
Chloromethane	1.67 "J"	ug/m3	0.831	2.64	1	TO-15		4/21/2022	CJR	1
Cyclohexane	< 0.212	ug/m3	0.212	0.674	1	TO-15		4/21/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/21/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/21/2022	CJR	1
Dichlorodifluoromethane	3.11	ug/m3	0.263	0.836	1	TO-15		4/21/2022	CJR	1
1,2-Dichloroethane	0.243 "J"	ug/m3	0.24	0.763	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/21/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/21/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/21/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/21/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/21/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/21/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/21/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/21/2022	CJR	1
Ethanol	870	ug/m3	0.152	0.482	1	TO-15		4/21/2022	CJR	10
Ethyl Acetate	2.85	ug/m3	0.176	0.559	1	TO-15		4/21/2022	CJR	1
Ethylbenzene	0.91	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		4/21/2022	CJR	1
Heptane	0.78 "J"	ug/m3	0.265	0.845	1	TO-15		4/21/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/21/2022	CJR	1
Hexane	7.9	ug/m3	0.235	0.748	1	TO-15		4/21/2022	CJR	1
2-Hexanone	0.286 "J"	ug/m3	0.222	0.707	1	TO-15		4/21/2022	CJR	1
Isopropyl Alcohol	5.9	ug/m3	0.109	0.347	1	TO-15		4/21/2022	CJR	1
Methyl ethyl ketone (MEK)	3.15	ug/m3	0.178	0.567	1	TO-15		4/21/2022	CJR	1
Methyl isobutyl ketone (MIBK)	0.41 "J"	ug/m3	0.168	0.536	1	TO-15		4/21/2022	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/21/2022	CJR	1
Methylene chloride	15.9	ug/m3	0.159	0.506	1	TO-15		4/21/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833B
Sample ID AA864M
Sample Matrix Air
Sample Date 4/15/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	0.89 "J"	ug/m3	0.675	2.15	1	TO-15		4/21/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/21/2022	CJR	1
Styrene	0.68	ug/m3	0.181	0.577	1	TO-15		4/21/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/21/2022	CJR	1
Tetrachloroethene	< 0.278	ug/m3	0.278	0.884	1	TO-15		4/21/2022	CJR	1
Tetrahydrofuran	0.68	ug/m3	0.131	0.417	1	TO-15		4/21/2022	CJR	1
Toluene	3.05	ug/m3	0.184	0.585	1	TO-15		4/21/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/21/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/21/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/21/2022	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		4/21/2022	CJR	1
Trichlorofluoromethane	1.69	ug/m3	0.337	1.07	1	TO-15		4/21/2022	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/21/2022	CJR	1
1,2,4-Trimethylbenzene	0.69 "J"	ug/m3	0.283	0.899	1	TO-15		4/21/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		4/21/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/21/2022	CJR	1
m&p-Xylene	2.17	ug/m3	0.377	1.2	1	TO-15		4/21/2022	CJR	1
o-Xylene	0.78	ug/m3	0.218	0.695	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833C
Sample ID SS714L
Sample Matrix Air
Sample Date 4/14/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	251	ug/m3	0.299	0.95	1	TO-15		4/21/2022	CJR	10
Benzene	34	ug/m3	0.136	0.433	1	TO-15		4/21/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/21/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/21/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/21/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/21/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/21/2022	CJR	1
Carbon Disulfide	2.71	ug/m3	0.138	0.44	1	TO-15		4/21/2022	CJR	1
Carbon Tetrachloride	0.57 "J"	ug/m3	0.307	0.978	1	TO-15		4/21/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/21/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/21/2022	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/21/2022	CJR	1
Chloromethane	1.47 "J"	ug/m3	0.831	2.64	1	TO-15		4/21/2022	CJR	1
Cyclohexane	38	ug/m3	0.212	0.674	1	TO-15		4/21/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/21/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/21/2022	CJR	1
Dichlorodifluoromethane	3.11	ug/m3	0.263	0.836	1	TO-15		4/21/2022	CJR	1
1,2-Dichloroethane	0.57 "J"	ug/m3	0.24	0.763	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/21/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/21/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/21/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/21/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/21/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/21/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/21/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/21/2022	CJR	1
Ethanol	161	ug/m3	0.152	0.482	1	TO-15		4/21/2022	CJR	10
Ethyl Acetate	5.0	ug/m3	0.176	0.559	1	TO-15		4/21/2022	CJR	1
Ethylbenzene	13.7	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
4-Ethyltoluene	3.14	ug/m3	0.214	0.681	1	TO-15		4/21/2022	CJR	1
Heptane	29.8	ug/m3	0.265	0.845	1	TO-15		4/21/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/21/2022	CJR	1
Hexane	94	ug/m3	0.235	0.748	1	TO-15		4/21/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		4/21/2022	CJR	1
Isopropyl Alcohol	15.9	ug/m3	0.109	0.347	1	TO-15		4/21/2022	CJR	1
Methyl ethyl ketone (MEK)	19.7	ug/m3	0.178	0.567	1	TO-15		4/21/2022	CJR	1
Methyl isobutyl ketone (MIBK)	2.82	ug/m3	0.168	0.536	1	TO-15		4/21/2022	CJR	1
Methyl Methacrylate	4.1	ug/m3	0.217	0.69	1	TO-15		4/21/2022	CJR	1
Methylene chloride	15.1	ug/m3	0.159	0.506	1	TO-15		4/21/2022	CJR	1
Methyl tert-butyl ether (MTBE)	15.6	ug/m3	0.16	0.509	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833C
Sample ID SS714L
Sample Matrix Air
Sample Date 4/14/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	0.84 "J"	ug/m3	0.675	2.15	1	TO-15		4/21/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/21/2022	CJR	1
Styrene	2.64	ug/m3	0.181	0.577	1	TO-15		4/21/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/21/2022	CJR	1
Tetrachloroethene	13.7	ug/m3	0.278	0.884	1	TO-15		4/21/2022	CJR	1
Tetrahydrofuran	11.5	ug/m3	0.131	0.417	1	TO-15		4/21/2022	CJR	1
Toluene	66	ug/m3	0.184	0.585	1	TO-15		4/21/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/21/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/21/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/21/2022	CJR	1
Trichloroethene (TCE)	1.12	ug/m3	0.237	0.754	1	TO-15		4/21/2022	CJR	1
Trichlorofluoromethane	1.63	ug/m3	0.337	1.07	1	TO-15		4/21/2022	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/21/2022	CJR	1
1,2,4-Trimethylbenzene	8.0	ug/m3	0.283	0.899	1	TO-15		4/21/2022	CJR	1
1,3,5-Trimethylbenzene	2.85	ug/m3	0.232	0.739	1	TO-15		4/21/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
Vinyl Chloride	0.23 "J"	ug/m3	0.148	0.472	1	TO-15		4/21/2022	CJR	1
m&p-Xylene	36	ug/m3	0.377	1.2	1	TO-15		4/21/2022	CJR	1
o-Xylene	13.3	ug/m3	0.218	0.695	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833D
Sample ID SP714L
Sample Matrix Air
Sample Date 4/14/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	320	ug/m3	0.299	0.95	1	TO-15		4/21/2022	CJR	10
Benzene	7.7	ug/m3	0.136	0.433	1	TO-15		4/21/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/21/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/21/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/21/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/21/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/21/2022	CJR	1
Carbon Disulfide	0.87	ug/m3	0.138	0.44	1	TO-15		4/21/2022	CJR	1
Carbon Tetrachloride	0.57 "J"	ug/m3	0.307	0.978	1	TO-15		4/21/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/21/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/21/2022	CJR	1
Chloroform	0.39 "J"	ug/m3	0.3	0.953	1	TO-15		4/21/2022	CJR	1
Chloromethane	0.99 "J"	ug/m3	0.831	2.64	1	TO-15		4/21/2022	CJR	1
Cyclohexane	16.3	ug/m3	0.212	0.674	1	TO-15		4/21/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/21/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/21/2022	CJR	1
Dichlorodifluoromethane	3.07	ug/m3	0.263	0.836	1	TO-15		4/21/2022	CJR	1
1,2-Dichloroethane	0.97	ug/m3	0.24	0.763	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/21/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/21/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/21/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/21/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/21/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/21/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/21/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/21/2022	CJR	1
Ethanol	87	ug/m3	0.152	0.482	1	TO-15		4/21/2022	CJR	10
Ethyl Acetate	9.4	ug/m3	0.176	0.559	1	TO-15		4/21/2022	CJR	1
Ethylbenzene	18.7	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
4-Ethyltoluene	3.7	ug/m3	0.214	0.681	1	TO-15		4/21/2022	CJR	1
Heptane	22.5	ug/m3	0.265	0.845	1	TO-15		4/21/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/21/2022	CJR	1
Hexane	25	ug/m3	0.235	0.748	1	TO-15		4/21/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		4/21/2022	CJR	1
Isopropyl Alcohol	11.3	ug/m3	0.109	0.347	1	TO-15		4/21/2022	CJR	1
Methyl ethyl ketone (MEK)	5.7	ug/m3	0.178	0.567	1	TO-15		4/21/2022	CJR	1
Methyl isobutyl ketone (MIBK)	2.41	ug/m3	0.168	0.536	1	TO-15		4/21/2022	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/21/2022	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		4/21/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833D
Sample ID SP714L
Sample Matrix Air
Sample Date 4/14/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	0.68 "J"	ug/m3	0.675	2.15	1	TO-15		4/21/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/21/2022	CJR	1
Styrene	0.77	ug/m3	0.181	0.577	1	TO-15		4/21/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/21/2022	CJR	1
Tetrachloroethene	2.17	ug/m3	0.278	0.884	1	TO-15		4/21/2022	CJR	1
Tetrahydrofuran	1.39	ug/m3	0.131	0.417	1	TO-15		4/21/2022	CJR	1
Toluene	75	ug/m3	0.184	0.585	1	TO-15		4/21/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/21/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/21/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/21/2022	CJR	1
Trichloroethene (TCE)	0.268 "J"	ug/m3	0.237	0.754	1	TO-15		4/21/2022	CJR	1
Trichlorofluoromethane	1.4	ug/m3	0.337	1.07	1	TO-15		4/21/2022	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/21/2022	CJR	1
1,2,4-Trimethylbenzene	9.5	ug/m3	0.283	0.899	1	TO-15		4/21/2022	CJR	1
1,3,5-Trimethylbenzene	3.6	ug/m3	0.232	0.739	1	TO-15		4/21/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/21/2022	CJR	1
m&p-Xylene	51	ug/m3	0.377	1.2	1	TO-15		4/21/2022	CJR	1
o-Xylene	17.3	ug/m3	0.218	0.695	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833E
Sample ID AA714L
Sample Matrix Air
Sample Date 4/15/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	118	ug/m3	0.299	0.95	1	TO-15		4/21/2022	CJR	10
Benzene	7.9	ug/m3	0.136	0.433	1	TO-15		4/21/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/21/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/21/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/21/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/21/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/21/2022	CJR	1
Carbon Disulfide	1.37	ug/m3	0.138	0.44	1	TO-15		4/21/2022	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		4/21/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/21/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/21/2022	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/21/2022	CJR	1
Chloromethane	1.4 "J"	ug/m3	0.831	2.64	1	TO-15		4/21/2022	CJR	1
Cyclohexane	5.5	ug/m3	0.212	0.674	1	TO-15		4/21/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/21/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/21/2022	CJR	1
Dichlorodifluoromethane	10.3	ug/m3	0.263	0.836	1	TO-15		4/21/2022	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/21/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/21/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/21/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/21/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/21/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/21/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/21/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/21/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/21/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/21/2022	CJR	1
Ethanol	670	ug/m3	0.152	0.482	1	TO-15		4/21/2022	CJR	10
Ethyl Acetate	7.2	ug/m3	0.176	0.559	1	TO-15		4/21/2022	CJR	1
Ethylbenzene	8.6	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
4-Ethyltoluene	4.8	ug/m3	0.214	0.681	1	TO-15		4/21/2022	CJR	1
Heptane	8.2	ug/m3	0.265	0.845	1	TO-15		4/21/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/21/2022	CJR	1
Hexane	23.5	ug/m3	0.235	0.748	1	TO-15		4/21/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		4/21/2022	CJR	1
Isopropyl Alcohol	21.8	ug/m3	0.109	0.347	1	TO-15		4/21/2022	CJR	1
Methyl ethyl ketone (MEK)	4.8	ug/m3	0.178	0.567	1	TO-15		4/21/2022	CJR	1
Methyl isobutyl ketone (MIBK)	0.86	ug/m3	0.168	0.536	1	TO-15		4/21/2022	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/21/2022	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		4/21/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/21/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E40833
Project # 8318

Lab Code 5040833E
Sample ID AA714L
Sample Matrix Air
Sample Date 4/15/2022

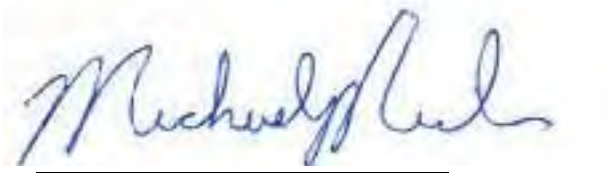
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	1.62 "J"	ug/m3	0.675	2.15	1	TO-15		4/21/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/21/2022	CJR	1
Styrene	22.9	ug/m3	0.181	0.577	1	TO-15		4/21/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/21/2022	CJR	1
Tetrachloroethene	1.43	ug/m3	0.278	0.884	1	TO-15		4/21/2022	CJR	1
Tetrahydrofuran	15.1	ug/m3	0.131	0.417	1	TO-15		4/21/2022	CJR	1
Toluene	40	ug/m3	0.184	0.585	1	TO-15		4/21/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/21/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/21/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/21/2022	CJR	1
Trichloroethene (TCE)	0.48 "J"	ug/m3	0.237	0.754	1	TO-15		4/21/2022	CJR	1
Trichlorofluoromethane	1.4	ug/m3	0.337	1.07	1	TO-15		4/21/2022	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		4/21/2022	CJR	1
1,2,4-Trimethylbenzene	18.4	ug/m3	0.283	0.899	1	TO-15		4/21/2022	CJR	1
1,3,5-Trimethylbenzene	4.4	ug/m3	0.232	0.739	1	TO-15		4/21/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/21/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/21/2022	CJR	1
m&p-Xylene	28	ug/m3	0.377	1.2	1	TO-15		4/21/2022	CJR	1
o-Xylene	10.9	ug/m3	0.218	0.695	1	TO-15		4/21/2022	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.
10	Linear range of calibration curve exceeded.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Chain # 43441

Page 1 of 1

Sample Handling Request

____ Rush Analysis Date Required: _____
(Rushes accepted only with prior authorization)
✓ Normal Turn Around

Lab I.D. #	
QUOTE # :	
Project #:	8318
Sampler: (signature)	

Project (Name / Location): U of L Stadium

Reports To: Andy Delforge	Invoice To:
Company	Company
Address	Address
City State Zip	City State Zip
Phone	Phone
Email ADELFORGE@REENGINEERING.COM	Email

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
S0140833A	SS 86YM	4/14/22	10:26	N	1	A	—
B	SS 86YM	4/15/22	9:15	N	1	A	—
C	SS 71YL	4/14/22	11:39	N	1	A	—
D	SP 71YL	4/14/22	11:42	N	1	A	—
E	PA 71YL	4/15/22	11:44	N	1	A	—

Analysis Requested / **Other Analysis**

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS							PID/FID
													✓								0
													✓								0
													✓								0
													✓								0
													✓								0

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

Sample Integrity - To be completed by receiving lab.

Method of Shipment: CS

Temp. of Temp. Blank: _____ °C On Ice: X

Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	4/18/22	Blank			

Received in Laboratory By: [signature] Time: 10:00 Date: 4/21/22

Synergy Environmental Lab, LLC.

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

ANDY DELFORGE
REI
4080 N. 20TH AVENUE
WAUSAU. WI 54401

Report Date *07-Sep-22*

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373A
Sample ID AA 866M
Sample Matrix Air
Sample Date 8/22/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	1050	ug/m3	0.299	0.95	1	TO-15		8/30/2022	CJR	10
Benzene	1.76	ug/m3	0.136	0.433	1	TO-15		8/30/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		8/30/2022	CJR	1
Bromodichloromethane	0.80 "J"	ug/m3	0.374	1.19	1	TO-15		8/30/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		8/30/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		8/30/2022	CJR	1
1,3-Butadiene	0.62	ug/m3	0.143	0.454	1	TO-15		8/30/2022	CJR	1
Carbon Disulfide	0.37 "J"	ug/m3	0.138	0.44	1	TO-15		8/30/2022	CJR	1
Carbon Tetrachloride	0.57 "J"	ug/m3	0.307	0.978	1	TO-15		8/30/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		8/30/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		8/30/2022	CJR	1
Chloroform	2.34	ug/m3	0.3	0.953	1	TO-15		8/30/2022	CJR	1
Chloromethane	1.53 "J"	ug/m3	0.831	2.64	1	TO-15		8/30/2022	CJR	1
Cyclohexane	2.13	ug/m3	0.212	0.674	1	TO-15		8/30/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		8/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		8/30/2022	CJR	1
Dichlorodifluoromethane	3.5	ug/m3	0.263	0.836	1	TO-15		8/30/2022	CJR	1
1,2-Dichloroethane	2.06	ug/m3	0.24	0.763	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		8/30/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		8/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		8/30/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373A
Sample ID AA 866M
Sample Matrix Air
Sample Date 8/22/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		8/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		8/30/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		8/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		8/30/2022	CJR	1
Ethanol	1320	ug/m3	0.152	0.482	1	TO-15		8/30/2022	CJR	10
Ethyl Acetate	7.0	ug/m3	0.176	0.559	1	TO-15		8/30/2022	CJR	1
Ethylbenzene	2.86	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
4-Ethyltoluene	0.39 "J"	ug/m3	0.214	0.681	1	TO-15		8/30/2022	CJR	1
Heptane	2.78	ug/m3	0.265	0.845	1	TO-15		8/30/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		8/30/2022	CJR	1
Hexane	14.2	ug/m3	0.235	0.748	1	TO-15		8/30/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		8/30/2022	CJR	1
Isopropyl Alcohol	57	ug/m3	0.109	0.347	1	TO-15		8/30/2022	CJR	1
Methyl ethyl ketone (MEK)	11.6	ug/m3	0.178	0.567	1	TO-15		8/30/2022	CJR	1
Methyl isobutyl ketone (MIBK)	0.78	ug/m3	0.168	0.536	1	TO-15		8/30/2022	CJR	1
Methyl Methacrylate	0.37 "J"	ug/m3	0.217	0.69	1	TO-15		8/30/2022	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		8/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		8/30/2022	CJR	1
Naphthalene	1.67 "J"	ug/m3	0.675	2.15	1	TO-15		8/30/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		8/30/2022	CJR	1
Styrene	1.32	ug/m3	0.181	0.577	1	TO-15		8/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		8/30/2022	CJR	1
Tetrachloroethene	1.09	ug/m3	0.278	0.884	1	TO-15		8/30/2022	CJR	1
Tetrahydrofuran	1.27	ug/m3	0.131	0.417	1	TO-15		8/30/2022	CJR	1
Toluene	6.0	ug/m3	0.184	0.585	1	TO-15		8/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		8/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		8/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		8/30/2022	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		8/30/2022	CJR	1
Trichlorofluoromethane	1.8	ug/m3	0.337	1.07	1	TO-15		8/30/2022	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		8/30/2022	CJR	1
1,2,4-Trimethylbenzene	1.42	ug/m3	0.283	0.899	1	TO-15		8/30/2022	CJR	1
1,3,5-Trimethylbenzene	0.34 "J"	ug/m3	0.232	0.739	1	TO-15		8/30/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		8/30/2022	CJR	1
m&p-Xylene	4.3	ug/m3	0.377	1.2	1	TO-15		8/30/2022	CJR	1
o-Xylene	1.69	ug/m3	0.218	0.695	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373B
Sample ID SS 866M
Sample Matrix Air
Sample Date 8/22/2022

Organic

Air Samples

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Acetone	223	ug/m3	2.99	9.5	10	TO-15		8/31/2022	CJR	1
Benzene	8.2	ug/m3	0.136	0.433	1	TO-15		8/30/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		8/30/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		8/30/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		8/30/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		8/30/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		8/30/2022	CJR	1
Carbon Disulfide	5.6	ug/m3	0.138	0.44	1	TO-15		8/30/2022	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		8/30/2022	CJR	1
Chlorobenzene	0.51 "J"	ug/m3	0.251	0.798	1	TO-15		8/30/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		8/30/2022	CJR	1
Chloroform	1.61	ug/m3	0.3	0.953	1	TO-15		8/30/2022	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		8/30/2022	CJR	1
Cyclohexane	28.2	ug/m3	0.212	0.674	1	TO-15		8/30/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		8/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		8/30/2022	CJR	1
Dichlorodifluoromethane	3.2	ug/m3	0.263	0.836	1	TO-15		8/30/2022	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		8/30/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		8/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		8/30/2022	CJR	1
1,2-Dichloropropane	0.65 "J"	ug/m3	0.28	0.89	1	TO-15		8/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		8/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		8/30/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		8/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		8/30/2022	CJR	1
Ethanol	139	ug/m3	1.52	4.82	10	TO-15		8/31/2022	CJR	1
Ethyl Acetate	6.4	ug/m3	0.176	0.559	1	TO-15		8/30/2022	CJR	1
Ethylbenzene	18.5	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
4-Ethyltoluene	5.5	ug/m3	0.214	0.681	1	TO-15		8/30/2022	CJR	1
Heptane	26.1	ug/m3	0.265	0.845	1	TO-15		8/30/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		8/30/2022	CJR	1
Hexane	28.8	ug/m3	0.235	0.748	1	TO-15		8/30/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		8/30/2022	CJR	1
Isopropyl Alcohol	8.4	ug/m3	0.109	0.347	1	TO-15		8/30/2022	CJR	1
Methyl ethyl ketone (MEK)	18.2	ug/m3	0.178	0.567	1	TO-15		8/30/2022	CJR	1
Methyl isobutyl ketone (MIBK)	12.4	ug/m3	0.168	0.536	1	TO-15		8/30/2022	CJR	1
Methyl Methacrylate	10.5	ug/m3	0.217	0.69	1	TO-15		8/30/2022	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		8/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	35	ug/m3	0.16	0.509	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373B
Sample ID SS 866M
Sample Matrix Air
Sample Date 8/22/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	0.99 "J"	ug/m3	0.675	2.15	1	TO-15		8/30/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		8/30/2022	CJR	1
Styrene	8.8	ug/m3	0.181	0.577	1	TO-15		8/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		8/30/2022	CJR	1
Tetrachloroethene	93	ug/m3	0.278	0.884	1	TO-15		8/30/2022	CJR	1
Tetrahydrofuran	9.4	ug/m3	0.131	0.417	1	TO-15		8/30/2022	CJR	1
Toluene	268	ug/m3	1.84	5.85	10	TO-15		8/31/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		8/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		8/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		8/30/2022	CJR	1
Trichloroethene (TCE)	2.84	ug/m3	0.237	0.754	1	TO-15		8/30/2022	CJR	1
Trichlorofluoromethane	1.74	ug/m3	0.337	1.07	1	TO-15		8/30/2022	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		8/30/2022	CJR	1
1,2,4-Trimethylbenzene	13.9	ug/m3	0.283	0.899	1	TO-15		8/30/2022	CJR	1
1,3,5-Trimethylbenzene	4.9	ug/m3	0.232	0.739	1	TO-15		8/30/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		8/30/2022	CJR	1
m&p-Xylene	46	ug/m3	0.377	1.2	1	TO-15		8/30/2022	CJR	1
o-Xylene	18.9	ug/m3	0.218	0.695	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373C
Sample ID AA 714L
Sample Matrix Air
Sample Date 8/22/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	69	ug/m3	0.299	0.95	1	TO-15		8/30/2022	CJR	1
Benzene	0.80	ug/m3	0.136	0.433	1	TO-15		8/30/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		8/30/2022	CJR	1
Bromodichloromethane	0.94 "J"	ug/m3	0.374	1.19	1	TO-15		8/30/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		8/30/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		8/30/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		8/30/2022	CJR	1
Carbon Disulfide	1.24	ug/m3	0.138	0.44	1	TO-15		8/30/2022	CJR	1
Carbon Tetrachloride	0.50 "J"	ug/m3	0.307	0.978	1	TO-15		8/30/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		8/30/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		8/30/2022	CJR	1
Chloroform	1.95	ug/m3	0.3	0.953	1	TO-15		8/30/2022	CJR	1
Chloromethane	1.22 "J"	ug/m3	0.831	2.64	1	TO-15		8/30/2022	CJR	1
Cyclohexane	1.45	ug/m3	0.212	0.674	1	TO-15		8/30/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		8/30/2022	CJR	1
1,4-Dichlorobenzene	0.42 "J"	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		8/30/2022	CJR	1
Dichlorodifluoromethane	2.52	ug/m3	0.263	0.836	1	TO-15		8/30/2022	CJR	1
1,2-Dichloroethane	14.9	ug/m3	0.24	0.763	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		8/30/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		8/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		8/30/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		8/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		8/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		8/30/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		8/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		8/30/2022	CJR	1
Ethanol	330	ug/m3	0.152	0.482	1	TO-15		8/30/2022	CJR	10
Ethyl Acetate	15.7	ug/m3	0.176	0.559	1	TO-15		8/30/2022	CJR	1
Ethylbenzene	4.1	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
4-Ethyltoluene	0.39 "J"	ug/m3	0.214	0.681	1	TO-15		8/30/2022	CJR	1
Heptane	1.39	ug/m3	0.265	0.845	1	TO-15		8/30/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		8/30/2022	CJR	1
Hexane	10.3	ug/m3	0.235	0.748	1	TO-15		8/30/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		8/30/2022	CJR	1
Isopropyl Alcohol	46	ug/m3	0.109	0.347	1	TO-15		8/30/2022	CJR	1
Methyl ethyl ketone (MEK)	6.4	ug/m3	0.178	0.567	1	TO-15		8/30/2022	CJR	1
Methyl isobutyl ketone (MIBK)	0.61	ug/m3	0.168	0.536	1	TO-15		8/30/2022	CJR	1
Methyl Methacrylate	0.287 "J"	ug/m3	0.217	0.69	1	TO-15		8/30/2022	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		8/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373C
Sample ID AA 714L
Sample Matrix Air
Sample Date 8/22/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	1.15 "J"	ug/m3	0.675	2.15	1	TO-15		8/30/2022	CJR	1
Propene	9.2	ug/m3	0.079	0.251	1	TO-15		8/30/2022	CJR	1
Styrene	7.1	ug/m3	0.181	0.577	1	TO-15		8/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		8/30/2022	CJR	1
Tetrachloroethene	0.48 "J"	ug/m3	0.278	0.884	1	TO-15		8/30/2022	CJR	1
Tetrahydrofuran	0.50	ug/m3	0.131	0.417	1	TO-15		8/30/2022	CJR	1
Toluene	7.6	ug/m3	0.184	0.585	1	TO-15		8/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		8/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		8/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		8/30/2022	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		8/30/2022	CJR	1
Trichlorofluoromethane	1.24	ug/m3	0.337	1.07	1	TO-15		8/30/2022	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		8/30/2022	CJR	1
1,2,4-Trimethylbenzene	1.57	ug/m3	0.283	0.899	1	TO-15		8/30/2022	CJR	1
1,3,5-Trimethylbenzene	0.34 "J"	ug/m3	0.232	0.739	1	TO-15		8/30/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		8/30/2022	CJR	1
m&p-Xylene	4.9	ug/m3	0.377	1.2	1	TO-15		8/30/2022	CJR	1
o-Xylene	2.64	ug/m3	0.218	0.695	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373D
Sample ID SS 714L
Sample Matrix Air
Sample Date 8/22/2022

Organic

Air Samples

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Acetone	64	ug/m3	0.299	0.95	1	TO-15		8/30/2022	CJR	1
Benzene	3.5	ug/m3	0.136	0.433	1	TO-15		8/30/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		8/30/2022	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		8/30/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		8/30/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		8/30/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		8/30/2022	CJR	1
Carbon Disulfide	44	ug/m3	0.138	0.44	1	TO-15		8/30/2022	CJR	1
Carbon Tetrachloride	0.38 "J"	ug/m3	0.307	0.978	1	TO-15		8/30/2022	CJR	1
Chlorobenzene	0.32 "J"	ug/m3	0.251	0.798	1	TO-15		8/30/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		8/30/2022	CJR	1
Chloroform	0.78 "J"	ug/m3	0.3	0.953	1	TO-15		8/30/2022	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		8/30/2022	CJR	1
Cyclohexane	3.3	ug/m3	0.212	0.674	1	TO-15		8/30/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		8/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		8/30/2022	CJR	1
Dichlorodifluoromethane	2.37	ug/m3	0.263	0.836	1	TO-15		8/30/2022	CJR	1
1,2-Dichloroethane	2.23	ug/m3	0.24	0.763	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		8/30/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		8/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		8/30/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		8/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		8/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		8/30/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		8/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		8/30/2022	CJR	1
Ethanol	39	ug/m3	0.152	0.482	1	TO-15		8/30/2022	CJR	1
Ethyl Acetate	3.8	ug/m3	0.176	0.559	1	TO-15		8/30/2022	CJR	1
Ethylbenzene	11.8	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
4-Ethyltoluene	4.1	ug/m3	0.214	0.681	1	TO-15		8/30/2022	CJR	1
Heptane	7.4	ug/m3	0.265	0.845	1	TO-15		8/30/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		8/30/2022	CJR	1
Hexane	18.1	ug/m3	0.235	0.748	1	TO-15		8/30/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		8/30/2022	CJR	1
Isopropyl Alcohol	4.7	ug/m3	0.109	0.347	1	TO-15		8/30/2022	CJR	1
Methyl ethyl ketone (MEK)	11	ug/m3	0.178	0.567	1	TO-15		8/30/2022	CJR	1
Methyl isobutyl ketone (MIBK)	10.1	ug/m3	0.168	0.536	1	TO-15		8/30/2022	CJR	1
Methyl Methacrylate	4.9	ug/m3	0.217	0.69	1	TO-15		8/30/2022	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		8/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	28.7	ug/m3	0.16	0.509	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373D
Sample ID SS 714L
Sample Matrix Air
Sample Date 8/22/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	10.2	ug/m3	0.675	2.15	1	TO-15		8/30/2022	CJR	1
Propene	2.6	ug/m3	0.079	0.251	1	TO-15		8/30/2022	CJR	1
Styrene	6.1	ug/m3	0.181	0.577	1	TO-15		8/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		8/30/2022	CJR	1
Tetrachloroethene	24.8	ug/m3	0.278	0.884	1	TO-15		8/30/2022	CJR	1
Tetrahydrofuran	7.0	ug/m3	0.131	0.417	1	TO-15		8/30/2022	CJR	1
Toluene	121	ug/m3	0.184	0.585	1	TO-15		8/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		8/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		8/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		8/30/2022	CJR	1
Trichloroethene (TCE)	1.29	ug/m3	0.237	0.754	1	TO-15		8/30/2022	CJR	1
Trichlorofluoromethane	1.18	ug/m3	0.337	1.07	1	TO-15		8/30/2022	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		8/30/2022	CJR	1
1,2,4-Trimethylbenzene	10.1	ug/m3	0.283	0.899	1	TO-15		8/30/2022	CJR	1
1,3,5-Trimethylbenzene	3.6	ug/m3	0.232	0.739	1	TO-15		8/30/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		8/30/2022	CJR	1
m&p-Xylene	29.5	ug/m3	0.377	1.2	1	TO-15		8/30/2022	CJR	1
o-Xylene	12.8	ug/m3	0.218	0.695	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373E
Sample ID SP 714L
Sample Matrix Air
Sample Date 8/22/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	73	ug/m3	0.299	0.95	1	TO-15		8/30/2022	CJR	1
Benzene	2.55	ug/m3	0.136	0.433	1	TO-15		8/30/2022	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		8/30/2022	CJR	1
Bromodichloromethane	0.60 "J"	ug/m3	0.374	1.19	1	TO-15		8/30/2022	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		8/30/2022	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		8/30/2022	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		8/30/2022	CJR	1
Carbon Disulfide	3.4	ug/m3	0.138	0.44	1	TO-15		8/30/2022	CJR	1
Carbon Tetrachloride	0.50 "J"	ug/m3	0.307	0.978	1	TO-15		8/30/2022	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		8/30/2022	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		8/30/2022	CJR	1
Chloroform	2.14	ug/m3	0.3	0.953	1	TO-15		8/30/2022	CJR	1
Chloromethane	0.95 "J"	ug/m3	0.831	2.64	1	TO-15		8/30/2022	CJR	1
Cyclohexane	3.6	ug/m3	0.212	0.674	1	TO-15		8/30/2022	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		8/30/2022	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		8/30/2022	CJR	1
Dichlorodifluoromethane	2.77	ug/m3	0.263	0.836	1	TO-15		8/30/2022	CJR	1
1,2-Dichloroethane	11.3	ug/m3	0.24	0.763	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		8/30/2022	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		8/30/2022	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		8/30/2022	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		8/30/2022	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		8/30/2022	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		8/30/2022	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		8/30/2022	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		8/30/2022	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		8/30/2022	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		8/30/2022	CJR	1
Ethanol	122	ug/m3	0.152	0.482	1	TO-15		8/30/2022	CJR	10
Ethyl Acetate	18.9	ug/m3	0.176	0.559	1	TO-15		8/30/2022	CJR	1
Ethylbenzene	8.5	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
4-Ethyltoluene	2.89	ug/m3	0.214	0.681	1	TO-15		8/30/2022	CJR	1
Heptane	6.4	ug/m3	0.265	0.845	1	TO-15		8/30/2022	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		8/30/2022	CJR	1
Hexane	20.4	ug/m3	0.235	0.748	1	TO-15		8/30/2022	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		8/30/2022	CJR	1
Isopropyl Alcohol	19.2	ug/m3	0.109	0.347	1	TO-15		8/30/2022	CJR	1
Methyl ethyl ketone (MEK)	8.1	ug/m3	0.178	0.567	1	TO-15		8/30/2022	CJR	1
Methyl isobutyl ketone (MIBK)	4.3	ug/m3	0.168	0.536	1	TO-15		8/30/2022	CJR	1
Methyl Methacrylate	2.21	ug/m3	0.217	0.69	1	TO-15		8/30/2022	CJR	1
Methylene chloride	24	ug/m3	0.159	0.506	1	TO-15		8/30/2022	CJR	1
Methyl tert-butyl ether (MTBE)	9.5	ug/m3	0.16	0.509	1	TO-15		8/30/2022	CJR	1

Project Name V&L STRIPPING **Invoice #** E41373
Project # 8318

Lab Code 5041373E
Sample ID SP 714L
Sample Matrix Air
Sample Date 8/22/2022

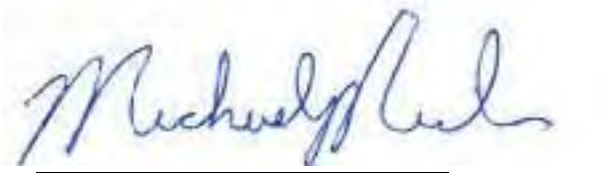
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Naphthalene	1.2 "J"	ug/m3	0.675	2.15	1	TO-15		8/30/2022	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		8/30/2022	CJR	1
Styrene	5.1	ug/m3	0.181	0.577	1	TO-15		8/30/2022	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		8/30/2022	CJR	1
Tetrachloroethene	3.3	ug/m3	0.278	0.884	1	TO-15		8/30/2022	CJR	1
Tetrahydrofuran	4.4	ug/m3	0.131	0.417	1	TO-15		8/30/2022	CJR	1
Toluene	76	ug/m3	0.184	0.585	1	TO-15		8/30/2022	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		8/30/2022	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		8/30/2022	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		8/30/2022	CJR	1
Trichloroethene (TCE)	0.70 "J"	ug/m3	0.237	0.754	1	TO-15		8/30/2022	CJR	1
Trichlorofluoromethane	1.24	ug/m3	0.337	1.07	1	TO-15		8/30/2022	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		8/30/2022	CJR	1
1,2,4-Trimethylbenzene	7.9	ug/m3	0.283	0.899	1	TO-15		8/30/2022	CJR	1
1,3,5-Trimethylbenzene	2.5	ug/m3	0.232	0.739	1	TO-15		8/30/2022	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		8/30/2022	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		8/30/2022	CJR	1
m&p-Xylene	21.3	ug/m3	0.377	1.2	1	TO-15		8/30/2022	CJR	1
o-Xylene	9.1	ug/m3	0.218	0.695	1	TO-15		8/30/2022	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.
10	Linear range of calibration curve exceeded.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Chain # 43041

Page 1 of 1

Lab I.D. #	
QUOTE # :	
Project #:	8318
Sampler: (signature)	

Sample Handling Request

___ Rush Analysis Date Required: ___
(Rushes accepted only with prior authorization)
✓ Normal Turn Around

Project (Name / Location):	U+L Stripping		
Reports To:	Andy DeLaPaz	Invoice To:	"
Company	REI	Company	REI
Address	4080 N. 20th Ave	Address	
City State Zip	Wausau, WI 54401	City State Zip	
Phone	715-675-9781	Phone	
Email	ADELAPAZ@REIENGINEERING.COM	Email	

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID
5041373 A	AA 866M	8/22/22	11:30	~	1	A															✓		
B	SS 866M		11:43		1																✓		
C	AA 714L		2:07		1																✓		
D	SS 714L		2:25		1																✓		
E	SP 714L		2:17		1																✓		

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

Sample Integrity - To be completed by receiving lab.

Method of Shipment: SPEEDY

Temp. of Temp. Blank: ___ °C On Ice: ___

Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	8/24/22	12:00 PM			

Received in Laboratory By: Time: 8:00 Date: 8/30/22

ATTACHMENT C

VAPOR SAMPLING - METHODS AND PROCEDURES

METHODS AND PROCEDURES
FOR
SUB-SLAB VAPOR PROBE INSTALLATION & SAMPLE COLLECTION

Installation

Interior sub-slab vapor samples are collected via the installation of a stainless-steel VAPOR PIN® (Part# VPIN0522SS). The probe will be installed following the manufacturer Standard Operating Procedure Installation and Extraction of the VAPOR PIN® (March 16, 2018) and Use of the VAPOR PIN® Drilling Guide and Secure Cover (March 16, 2018).

Equilibration & Leak Testing

After installation, the sub-slab vapors will be allowed to equilibrate prior to sampling by allowing the probe to "rest" for a period of one (1) to two (2) hours or by purging the sub-slab probe and screening the sub-slab vapors until field meter reading are stable.

Leak tests to verify the tightness of the sampling train and the sample probe are completed prior to sample collection. A helium shroud is utilized to verify the tightness of the sample probe and sampling train contained within the shroud. The helium shroud consists of a six (6) quart polyethylene box placed over the sample port. Sample tubing, consisting of quarter (1/4) inch outside diameter HDPE is connected to the sample port barbed fitting utilizing approximately two (2) inch long pieces of LS15 silicon tubing and connected to the helium shroud internal sample train. Helium is introduced through a valve in the top of the helium shroud to a concentration of twenty (20) to fifty (50) percent by volume. A MiniRAE PID with internal pump is used to purge the sample line connected to the sample port with at least four (4) volumes of air removed from the tubing. The purge air is monitored for the presence of helium using an OxyCheq Expedition Helium Analyzer. Once the line was purged and the helium detector identified showed the seal was adequate the sample line is disconnected from the vacuum pump and connected to the sampling container. The sample train and vapor probe seal are considered sealed when helium concentrations in the purge air is less than five (5) percent of the shroud concentration.

Sample Collection

Sub-slab vapor samples are collected utilizing a laboratory provided canister, received from the laboratory with a vacuum, and a laboratory provided flow controller. The flow controller is connected to the sample line with a compression fitting to the quarter (1/4) inch HDPE tubing. Once the sample train is connected the initial vacuum is recorded and the sample canister draws vapor

until the vacuum pressure decreased to two (2) to five (5) inches of mercury at which time sample collection is terminated.

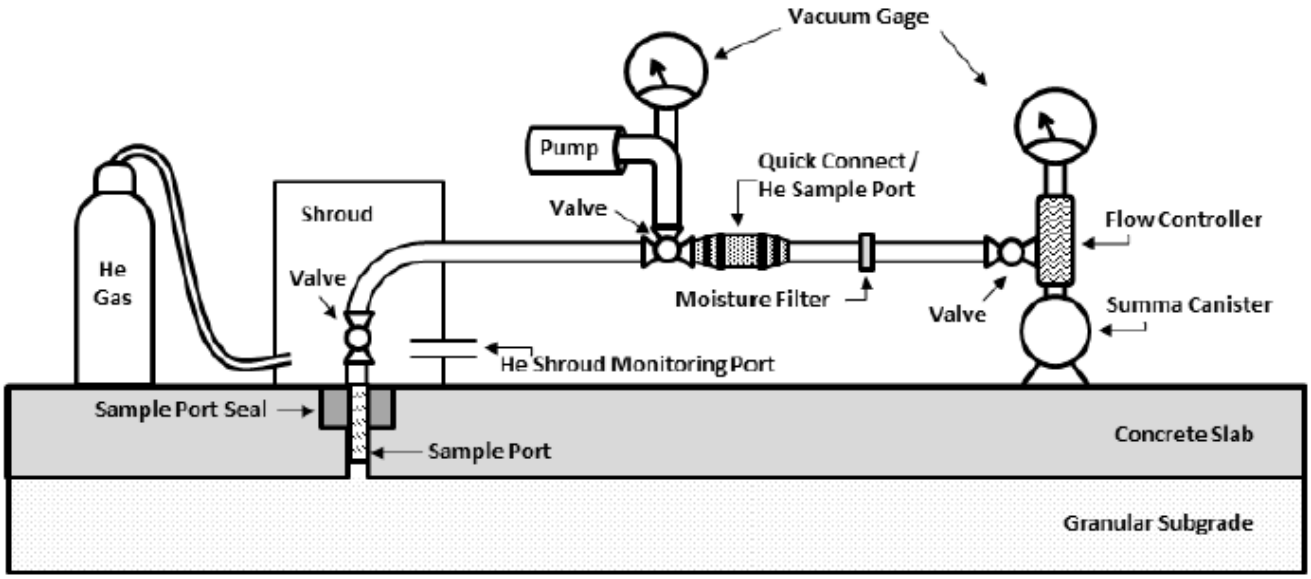


Figure 1: Example Sub-Slab Vapor Sample Train. From WDNR Sub-slab Vapor Sampling Procedures (RR-989), July 2014.

Abandonment

Interior sub-slab vapor probes are extracting following the manufacturer Standard Operating Procedure Installation and Extraction of the VAPOR PIN® (March 16, 2018). The void through the concrete slab if filled with hydraulic cement and smoothed with a trowel.

ATTACHMENT D

PHOTOGRAPHS

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

Downgradient manhole near intersection of Lincoln Street and James Street

Sampling

Sampling on-site sewer vapor, shop bathroom sink.

Upgradient manhole near intersection of Mather Street & Lincoln Street

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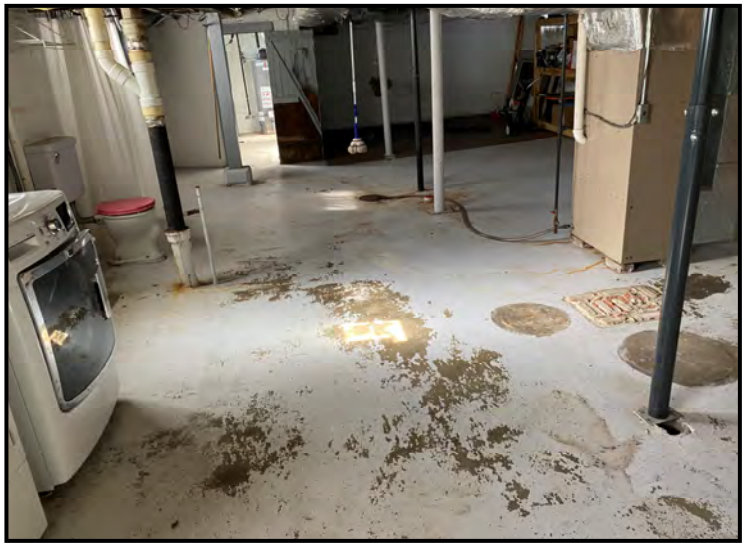
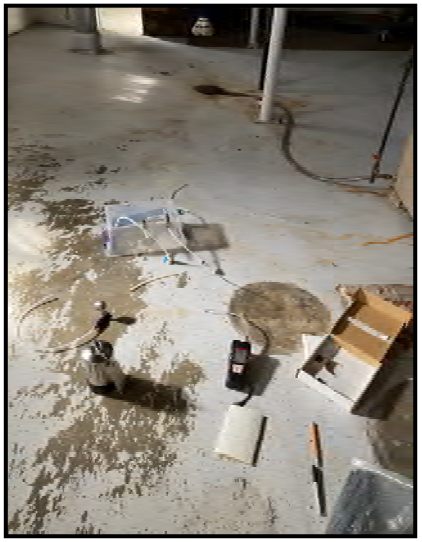
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

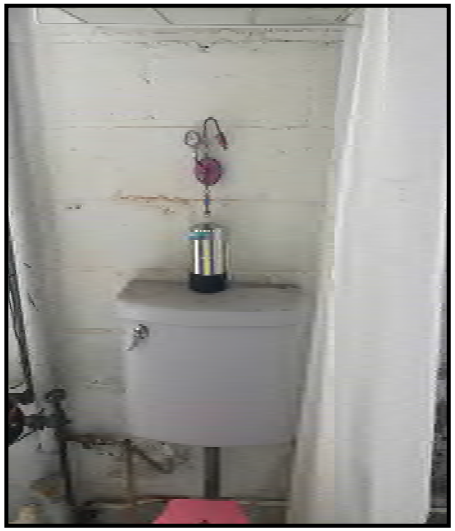


866 Mather Street, basement

Vapor pin installed



Sub-slab sampling 866 Mather 4/14/22



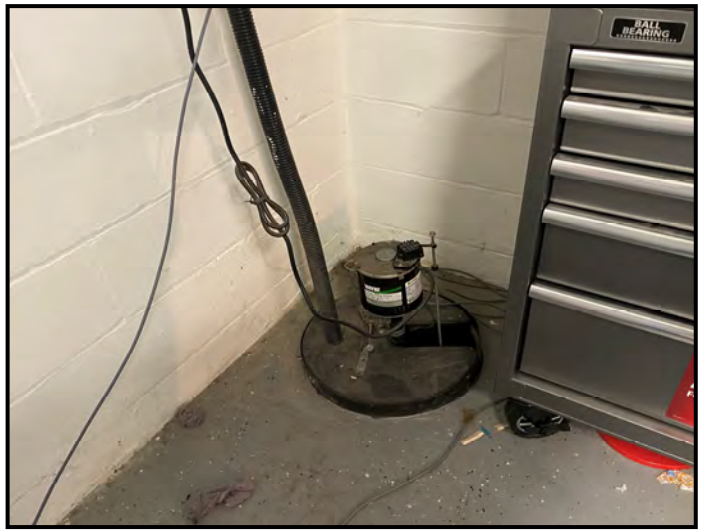
Ambient air sampling - 866 Mather 4/14/22

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

VOC containing materials - 866 Mather basement

VOC containing materials - 866 Mather basement

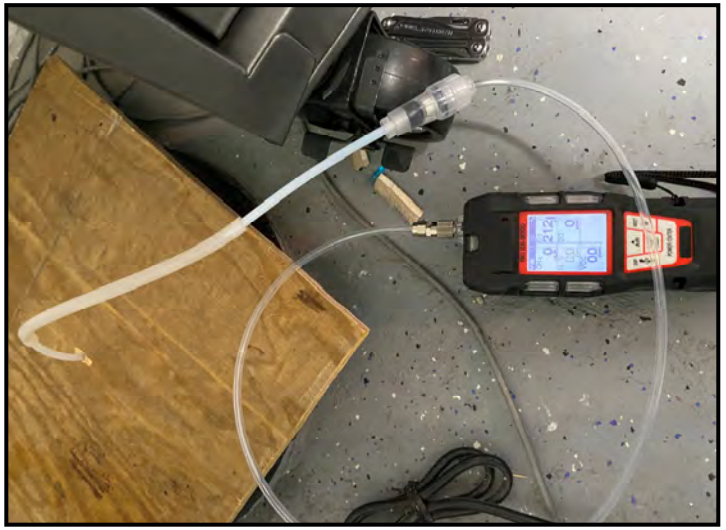
Vapor pin installed - 716 Lincoln Street



Sump pit - 716 Lincoln Street

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

Interior of sump pit



Purging sump pit 4/14/22

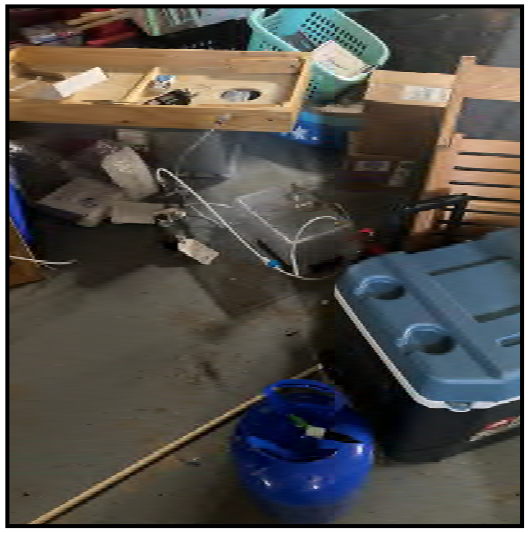
Ambient air sampling- 716 Lincoln Street - 4/14/22

Sub-slab sampling 866 Mather Street - 8/22/22

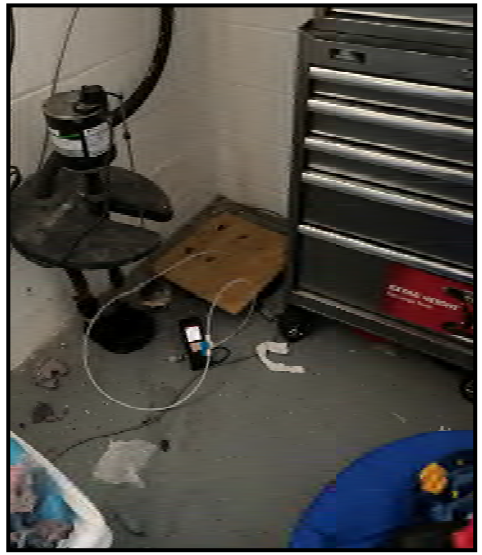
REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

Sub-slab sampling 866 Mather Street 8/22/22

Ambient air sampling - 866 Mather Street 8/22/22

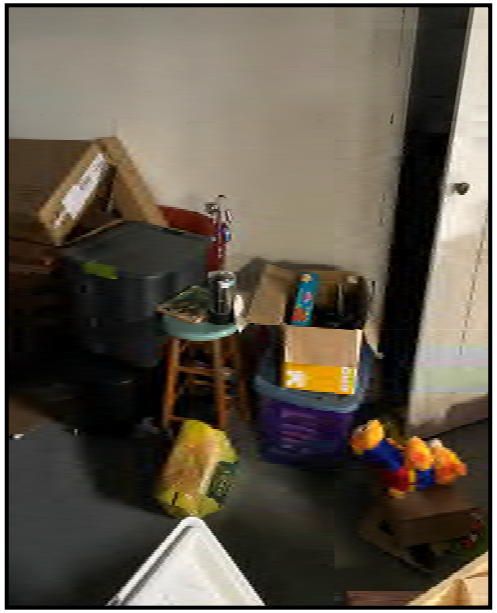


Sub-slab sampling - 716 Lincoln Street - 8/22/22



Sampling sump pit vapr - 716 Lincoln Street - 8/22/22

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING



Ambient air sampling 716 Lincoln Street 8/22/22

ATTACHMENT E

HISTORICAL INFORMATION

V&L Stripping
864 Mather Street
Green Bay, WI 54303

Inquiry Number: 6914264.1
March 28, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/28/22

Site Name:

V&L Stripping
864 Mather Street
Green Bay, WI 54303
EDR Inquiry # 6914264.1

Client Name:

REI
4080 N. 20th Avenue
Wausau, WI 54401
Contact: Andrew Delforge

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by REI were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B4E8-48EB-A0C1

PO # NA

Project 8318

Maps Provided:

1970
1950
1936
1907

Sanborn® Library search results

Certification #: B4E8-48EB-A0C1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1970 Source Sheets


Volume 1, Sheet 41
1970


Volume 1, Sheet 42
1970


Volume 1, Sheet 46
1970


Volume 1, Sheet 47
1970

1950 Source Sheets


Volume 1, Sheet 41
1950


Volume 1, Sheet 42
1950


Volume 1, Sheet 46
1950


Volume 1, Sheet 47
1950

1936 Source Sheets

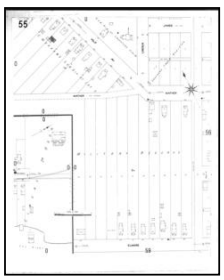

Volume 1, Sheet 41
1936

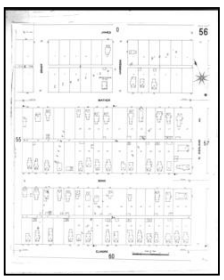

Volume 1, Sheet 42
1936


Volume 1, Sheet 46
1936


Volume 1, Sheet 47
1936

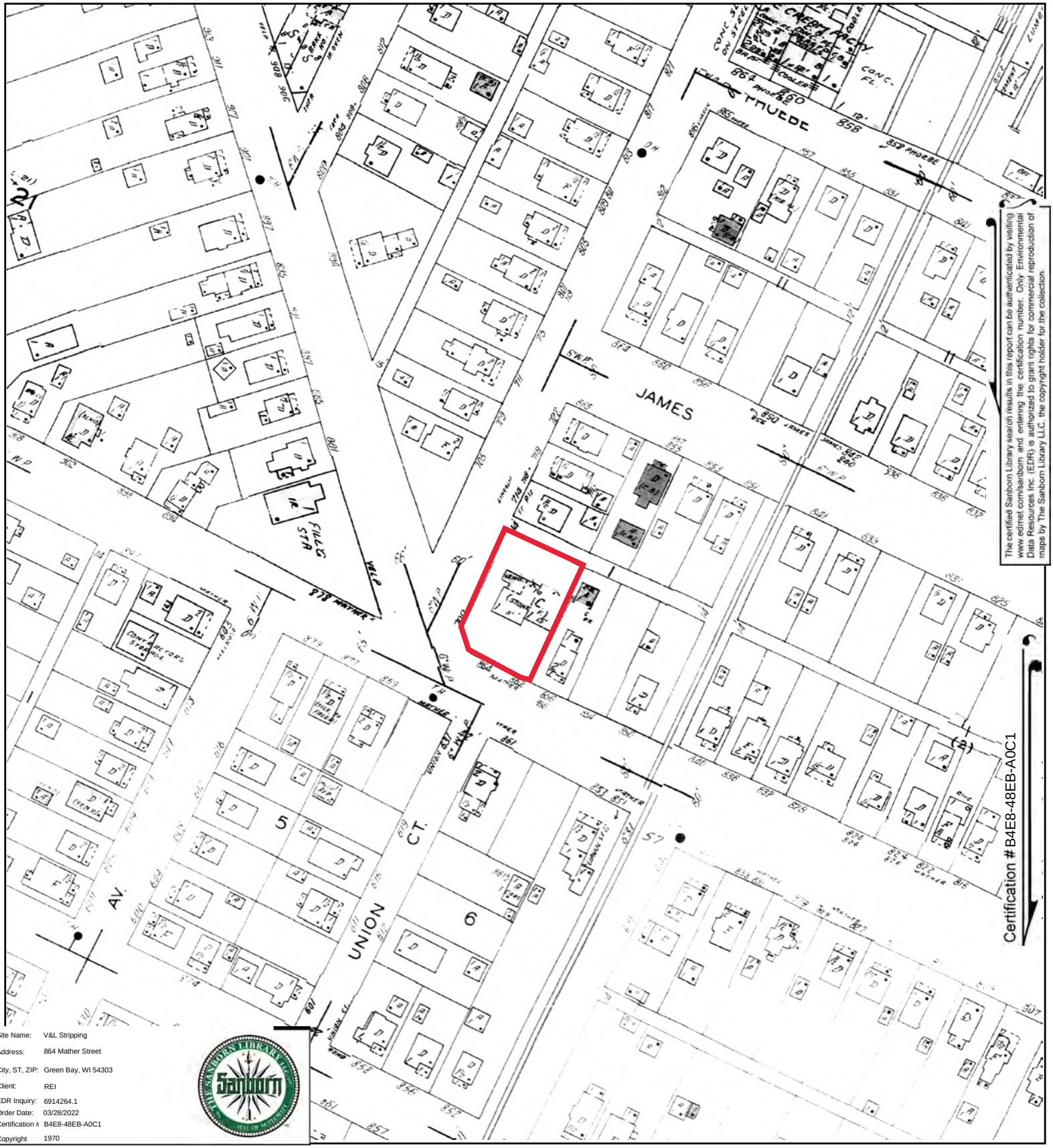
1907 Source Sheets


Volume 1, Sheet 55
1907


Volume 1, Sheet 56
1907

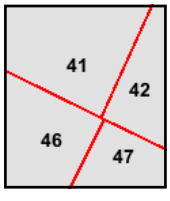
Certified Sanborn® Map

1970



Site Name: V&L Stripping
Address: 864 Mather Street
City, ST, ZIP: Green Bay, WI 54303
Client: REI
EDR Inquiry: 6914264.1
Order Date: 03/28/2022
Certification #: B4E8-48EB-A0C1
Copyright: 1970

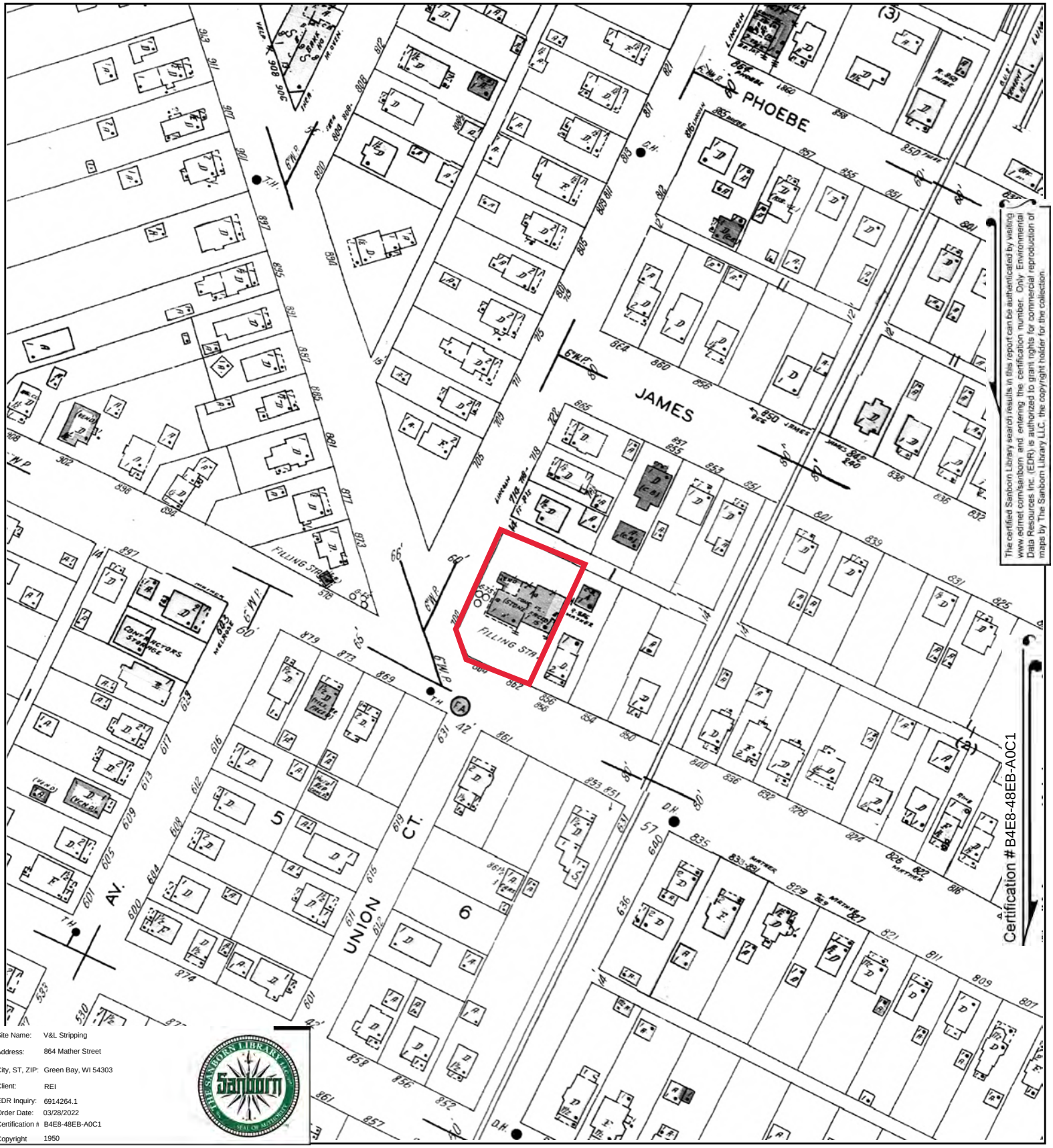
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 47
Volume 1, Sheet 46
Volume 1, Sheet 42
Volume 1, Sheet 41

0 Feet 150 300 600

N



Site Name:	V&L Stripping
Address:	864 Mather Street
City, ST, ZIP:	Green Bay, WI 54303
Client:	REI
EDR Inquiry:	6914264.1
Order Date:	03/28/2022
Certification #:	B4E8-48EB-A0C1
Copyright	1950

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Outlined areas indicate map sheets within the collection.

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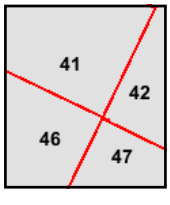

Volume 1, Sheet 47
Volume 1, Sheet 46
Volume 1, Sheet 42
Volume 1, Sheet 41

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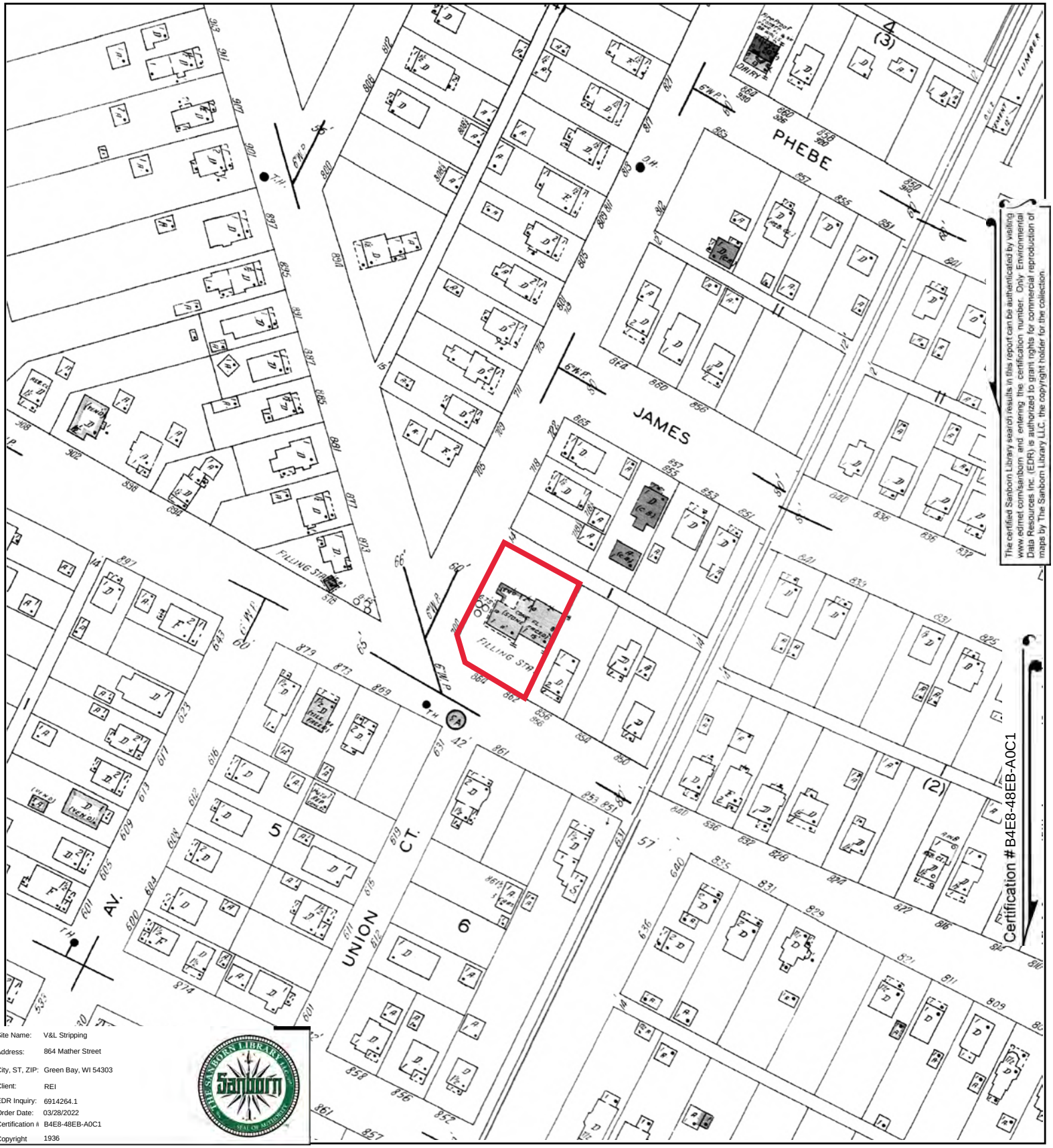

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Address:	864 Mather Street
City, ST, ZIP:	Green Bay, WI 54303
Client:	REI
EDR Inquiry:	6914264.1
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Copyright	1936

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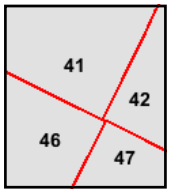
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 47
Volume 1, Sheet 46
Volume 1, Sheet 42
Volume 1, Sheet 41

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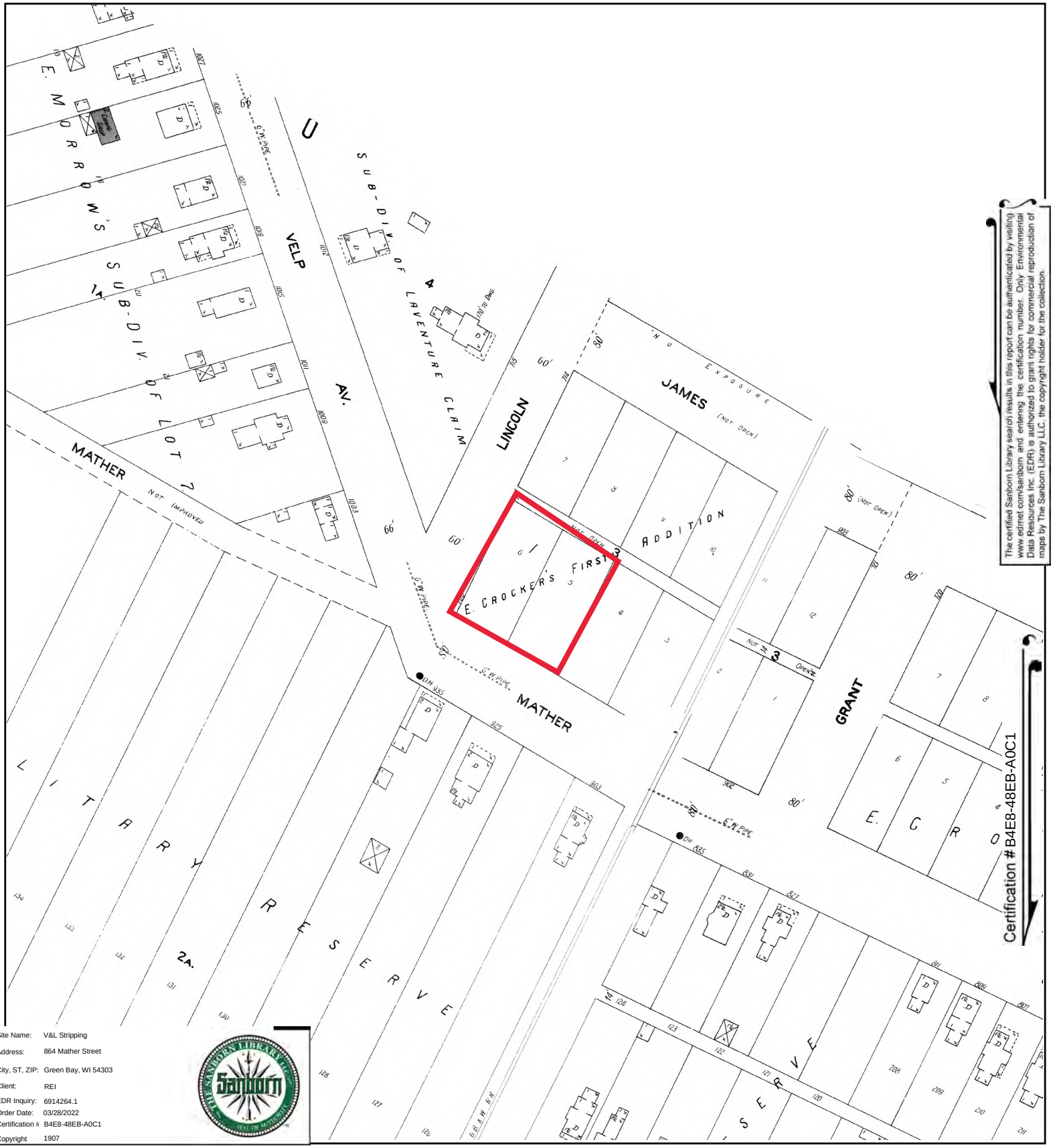

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City, ST, ZIP: Green Bay, WI 54303
Client: REI
EDR Inquiry: 6914264.1
Order Date: 03/28/2022
Certification #: B4E8-48EB-A0C1
Copyright 1907

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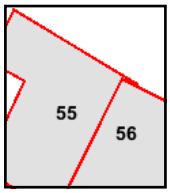
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 56
Volume 1, Sheet 55

0 Feet 150 300 600

N

V&L Stripping
864 Mather Street
Green Bay, WI 54303

Inquiry Number: 6914264.3
March 29, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by
infoUSA®

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1987	☑	☐	Wright's City Directory
1982	☑	☐	Wright's City Directory
1977	☑	☐	Wright's City Directory
1972	☑	☐	Wright's City Directory
1968	☑	☐	Wright's City Directory
1963	☑	☐	Wright's City Directory

FINDINGS

TARGET PROPERTY STREET

864 Mather Street
Green Bay, WI 54303

Year	*CD Image*	*Source*
MATHER ST		
2017	pg A1	EDR Digital Archive
2014	pg A2	EDR Digital Archive
2010	pg A4	EDR Digital Archive
2005	pg A6	EDR Digital Archive
2000	pg A8	EDR Digital Archive
1995	pg A10	EDR Digital Archive
1992	pg A12	EDR Digital Archive
1987	pg A14	Wright's City Directory
1982	pg A15	Wright's City Directory
1977	pg A16	Wright's City Directory
1972	pg A17	Wright's City Directory
1968	pg A18	Wright's City Directory
1963	pg A19	Wright's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 2017

711	TOEBE, KARL R
712	HARTWELL, RICK J
713	GARDNER, JENNIFER L
716	DOYEN, WILLIAM
719	WEBER, ALBERT P
722	HIGGS, PRISCILLA
	MCPEAKE, SCOTT W
723	KOTECKI, LUKE J
728	LYONS, FRANK
731	STASCAK, THOMAS M
735	VANDENBOOGARD, MINDY V
737	TITUS, JESSICA
809	GLICK, MICHAEL A
811	BRUNETTE, THOMAS G
	R & T ALTERATIONS
814	PETERSON, CHRISTOPHER R
816	BARDWELL, HELEN C
	KASLOW, CHRISTINA
822	STEGMEIER, BRENDAN P
	VOGEL, MARK
826	MUTHIG, JEREMY M
827	DEWINTER, ELEANOR M
828	SCHRANK, JADE E
829	DAY, DAWN M
831	NINHAM, PAT
	ORTIZ, JOSE R
832	EVERTS, DONALD E
835	MILLER, ANGELA F
837	LAWSON, ANGELA
840	MENCHESKI, WILLIAM J
850	VANDENBERG, BECKY L
856	KEEHAN, DEBRA A
878	RANDYS TIRE & AUTO
879	HEALTHCARE FOR THE HOMELESS
898	ZAMORA, JONATHAN
902	BYRNE, DAVID
908	DUPART, DONALD R
912	STRZELECKI, JEREMY M
	TREPANIER, TJ J
915	SMIGIELSKI, CHESTER A
916	BUCHERT, CLIFFORD H
921	COLLIN, JEREMY J
924	MCELREATH, MICHAEL
929	VANN, AARON
931	WILLIAMS, MONIQUE
934	HEIM, LARRY D
935	PHA, SOR
941	POCQUETTE, JULIE A
945	PIERRE, WAYNE R

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 2014

711	SOTO, ADRIANA
712	HARTWELL, RICK J
716	BULLOCK, KIMBERLY
	DOYEN, WILLIAM
719	WEBER, ALBERT P
722	OLSON, ALECIA S
723	KOTECKI, LUKE J
728	GIRON, HENRY J
	TRITT, MICHELLE M
731	STASCAK, THOMAS M
735	LEHNERT, ROBERT H
803	LAPLANTE, DARRYL B
809	OCCUPANT UNKNOWN,
810	SKENANDORE, NANCY
811	BRUNETTE, THOMAS G
814	HOLUMN, BETH A
816	BARDWELL, ALICIA
	HENDZEL, KEITH
	KAYE, KATIE M
821	WALTERS, JOSEPH C
822	JANELLE, CALI R
	ROBINSON, WALTER L
	STOLLFUS, JENNIFER
	VOGEL, MARK
	ZEBIC, ADI
824	OCCUPANT UNKNOWN,
826	OCCUPANT UNKNOWN,
827	DEWINTER, GARY M
828	REYES, KAREN
829	DAY, DAWN M
831	BARRERA, RENE A
	GRZENA, LIISA
	ORTIZ, JOSE R
832	OCCUPANT UNKNOWN,
835	SLATER, ANDREA
836	KAQUATOSH, YOLANDA
	OCCUPANT UNKNOWN,
	OLSON, NINO C
837	RIGGLE, ERIN
840	MENCHESKI, WILLIAM J
850	SYRING, DEBRA
856	KEEHAN, JAMES M
	OCCUPANT UNKNOWN,
864	UPHOLSTERY SHOP & HOUSEHOLD CONSIG
878	RANDYS TIRE & AUTO
879	HEALTHCARE FOR THE HOMELESS
894	VANG, LENG
897	JOHNSON, MARK F
898	HAGENOW, DOUGLAS W
902	BYRNE, DAVID

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 2014 (Cont'd)

908	DUPART, DONALD R
912	STRZELECKI, KENDRA
	TREPANIER, TJ J
	VANDENHOY, JAMIE
915	SMIGIELSKI, CHESTER A
916	WOLF, EVELYN M
921	COLLIN, JEREMY J
924	HERLACHE, CHAD L
925	SNETHEN, ANDREW
929	WATSON, MARTHA S
931	PLOECKELMANN, JON
934	HEIM, LARRY D
935	PHA, SOR
941	POCQUETTE, JULIE A
945	PIERRE, WAYNE R

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 2010

712	HARTWELL, RICK J
713	GARDNER, JENNIFER L
716	QUINNEL, K
719	WEBER, ALBERT P
	WILDCARD MARKETING INC
722	BOWERS, EFFRIAM
	BRABBS, MARGARET R
	CORNELIUS, ROXANNE
	THAO, YOUA V
723	EBERT, EDWIN
727	SUTRICK, PAUL W
728	BOYLAN, BRENDA
	CARTER, SIDNEY H
	CHANDLER, ERMA J
	MELLENTHIN, JASON D
731	STASCAK, THOMAS M
801	MONCADA, JOSE
803	LAPLANTE, ROGER
810	FONDER, CHRISTOPHER C
811	BRUNETTE, THOMAS G
814	LOOS, ROBERT J
	SNUGGY OBRIENS
816	CRISS, CURTIS
	KAYE, KATIE M
	TURNER, BECKY
822	STOLLFUS, JENNIFER
	VOGEL, MARK
826	WINKELMAN, RUDY R
827	DEWINTER, GARY M
829	HOUSE, LINDA
831	BARRERA, RENE A
	MCCLURE, K
	ORTIZ, JOSE R
832	GERONDALE, TOM M
835	CRAMER, ROGER
836	MCLAUGHLIN, BRANT
	OLSON, NINO C
	SEILER, TINA M
840	MENCHESKI, WILLIAM J
856	KEEHAN, JAMES M
	VANEFFEN, LINDA K
878	EXHAUST SERVICE BY RANDYS
	RANDYS TIRE & AUTO
879	HEALTHCARE FOR THE HOMELESS
894	VANG, LENG
897	JOHNSON, MARK F
898	HAGENOW, DOUGLAS W
902	LUBINSKI, LAURA A
912	TREPANIER, WILBER E
	WILSON, KARLA

MATHER ST 2010 (Cont'd)

915	SMIGIELSKI, CHESTER A
916	WOLF, EVELYN M
921	CADENA, JEREMY J
924	HERLACHE, CHAD L
929	WATSON, MARTHA S
931	JARVIS, EDWARD J
934	HEIM, LARRY D
935	PHA, SOR
941	POCQUETTE, JULIE A
945	PIERRE, WAYNE R

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 2005

711	TOEBE, KARL
712	HARTWELL, RICK
716	BICKELHAUPT, COREY V
	CARTER, ERNEST M
	MENDOZA, ABRAHAM
719	WEBER, ALBERT P
722	BRABBS, MARGARET
	LEE, KA V
	SKENANDORE, SHERRY L
	VITALE, JOSEPH
727	SUTRICK, PAUL W
728	AILSTOCK, S
	CHANDLER, ERMA J
	GIRON, HENRY J
	MARTINEZ, DAISY A
	MELLEN, JASON D
	SHIGOURI, CHRISTOPHER
731	STASCAK, THOMAS M
735	VANDENBOOGARD, JAMES
801	MONCADA, JOSE
803	LAPLANTE, DARRYL B
809	PUENTE, AMELIA
810	HERNANDEZ, AURORA
811	BRUNETTE, BONITA M
816	BECKERS, JOSEPH L
821	RATACHIC, ROBERT
822	COLASSACO, BRANDEN
	TAUER, JESI R
824	AMBROSIUS, LYDIA
826	DEBAERE, KENNETH J
827	DEWINTER, ELEANOR M
828	LESPERANCE, JANUARY L
829	HOUSE, LINDA
831	BARRERA, RENE A
	HARO-RODRIGUEZ, AMPELIO
	MCCLURE, K
	ROBERTS, JOSEPH
	TAYLOR, MORRIS
835	HOPP, DEBORAH
836	ANDERSON, BRYAN K
	BOTKIN, JOYE M
	COUNARD, DONALD M
837	VARGUEZ, FELIPE
840	MENCHESKI, WILLIAM J
856	KEEHAN, JAMES M
878	EXHAUST SERVICE BY RANDYS
879	WENGRZYN, ROSA
894	VANG, LENG
897	JOHNSON, MARK F
898	HAGENOW, DOUGLAS W

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 2005 (Cont'd)

902	MALMBERG, DIANE L
908	DUPART, DONALD R
912	MCGILLIVRAY, BARBARA A
	MICKEL, JANET M
	TREPANIER, WILBER E
915	SMIGIESKI, CHESTER A
921	DASHNIER, MICHAEL J
924	HERLACHE, CHAD
925	DELWICHE, PAUL J
929	WATSON, MARTHA S
931	JAVOR, MICHAEL L
934	HEIM, LARRY D
935	PHA, SOR
941	POCQUETTE, JULIE A
945	WOLFF, BRIAN H

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 2000

711	KASKE, RICK
712	HARTWELL, RICK
716	REYNA, MARIA C
719	WEBER, ALBERT
722	LEE, KA V
	MOUA, GE
723	PUENTE, M
	STREBLOW, EUGENE D
727	SUTRICK, PAUL
728	CHANDLER, ERMA J
	WAUBANASCUM, LUANNE
731	STASCAK, THOMAS
735	LEHNERT, ROBERT
737	VANDENLANGENBER, DAVID
803	LAPLANTE, DARRYL B
810	SOT, SHERYN
816	BECKERS, JOSEPH L
	STRNAD, JULIA A
	WALLACE, ROLAND M
822	DEWINTER, KEITH D
824	ANDERSON, TERESA
826	DEBAERE, JEAN
827	DEWINTER, ELEANOR
828	LESPERANCE, JANUARY L
	SCHRANK, JADE
831	BERSCH, JEREMIE J
	PHILLIPS, NANCY
832	GROSE, TERRY
835	HOLSONBACK, L K
840	MENCHESKI, WILLIAM
850	ALBERT, AMY
856	KEEHAN, JAMES
	MURDOCK, TIM J
873	EAGLE, LONNIE
878	EXHAUST SERVICE BY RANDYS
	RANDYS TIRE & AUTO
879	WENGRZYN, LEO
894	VANG, LENG
897	JOHNSON, MARK F
902	MALMBERG, DIANE L
908	DUPART, DONALD
912	TREPANIER, WILBER
	VERMILLION, A C
915	OLEJNICZAK, MARK A
916	WOLF, EVELYN
921	DASHNIER, MICHAEL
924	MARTELL, E
929	VANBOXTEL, DOUGLAS J
931	JAVOR, MICHAEL
934	HEIM, LARRY A

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 2000 (Cont'd)

935 CONE, WILLIAM
941 POCQUETTE, J
945 AREND, TINA L

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 1995

711	KASKE, RICK
712	OCCUPANT UNKNOWNN
713	KONG, ZONG
716	PUENTE, S
719	WEBER, ALBERT
722	LEE, KA V
	LOR, BAO
	SOUNG, KHA V
	THAO, JOUA
	VANG, LENG
	VUE, XIA M
723	OCCUPANT UNKNOWNN
727	SUTRICK, PAUL
728	GONZALEZ, HECTOR R
	GWIDT, L
	WAUBANASCUM, LUANNE
731	KINNEY, RICK
735	LEHNERT, ROBERT
737	LANGENBERG, DAVID V
803	LAPLANTE, DARRYL B
807	OCCUPANT UNKNOWNN
809	NEAL, ALLAN
810	HERNANDEZ, A
811	MOHNEN, LARRY
816	CLARKIEU, PEGI R
	MAURER, ALAN
822	ELIASON, MARIA
	WILMET, SCOTT M
824	VANDENPLAS, FRANK
826	DEBAERE, JEAN
827	DEWINTER, ELEANOR
828	SEIDL, GARY
	WALTERS, STEVEN A
829	RUSCH, ESTHER P
831	LOR, MAI M
	MARTIN, G
	NESS, GLENDA
832	LAMBROU, HOLLY
835	OCCUPANT UNKNOWNN
836	ACKLEY, JODY
	WHITE, ROBERT J
837	FISCHER, SHAWN
840	MENCHESKI, WILLIAM
850	ZIRBEL, L H
856	KEEHAN, JAMES
864	AUNTIE QS RESTORATION
869	OCCUPANT UNKNOWNN
873	WARD, D
878	EXHAUST SERVICE BY RANDYS
	RANDYS MOBIL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 1995 (Cont'd)

878 RANDYS TIRE & AUTO
879 WENGRZYN, LEO
894 CRAANEN, LEE
897 JOHNSON, MARK F
898 DEMENY, CARL
902 LEMRE, DEIRDRE
908 DUPART, DONALD
912 BARRON, ELEANOR
HALE, RICKY D
PLISS, MARY
TREPANIER, WILBER
915 FONDER, RONALD
916 BUCHERT, C
WOLF, EVELYN M
921 DASHNIER, MICHAEL
924 MARTELL, E
929 VANBOXTEL, DOUGLAS J
931 KRESS, ANDREA
934 HEIM, LARRY
935 CONE, WM
941 POCQUETTE, J
945 STASCAK, THOMAS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MATHER ST 1992

711	KASKE, RICK
712	HARTWELL, RICK
719	WEBER, ALBERT
722	LEE, KA V
	VANG, LENG
	XIONG, YOUA
727	SUTRICK, PAUL
728	BROWN, HOPE
	PLOG, TRICIA L
	ROZMIAREK, LEONARD
731	KINNEY, RICK
735	LEHNERT, ROBERT
737	SCHOTT, MATTHEW C
803	LAPLANTE, DARRYL B
809	INRASAVONGSA, K
810	LEMMENS, PEGGY
811	HINE, NIKKI
824	VANDENPLAS, FRANK
826	DEBAERE, JEAN
827	DEWINTER, DONALD J
831	CAMPBELL, JULIE M
	MAZUR, LINDA
832	AHRENS, WARREN W
	LAMBROU, HOLLY
836	BORNEMANN, WILLIAM
840	MENCHESKI, WILLIAM
850	ZIRBEL, L H
856	KEEHAN, JAMES
864	AUNTIE QS ANTIQUES
869	ROSKOM, TRISHA
873	ALEKSIC, SHEILA
	WARD, D
878	RANDY'S TIRE & AUTO
	RANDYS MOBILE SERV
879	WENGRZYN, LEO
894	CRAANEN, LEE
897	HOLTERMAN, RICHARD
902	THORNTON, ED
908	ALSTEEN, BRIAN
912	SIEVERS, MIKE
	TREPANIER, WILBER
915	KREIGH, ROWLAND C
916	WOLF, BRADLEY
921	LACOSSE, A J
924	CLEMO, JERRY
	WANEK, RICH
925	KIMPS, MYLISA
	NUTHALS, THOMAS M JR
929	VANBOXTEL, DOUGLAS J
931	KADRLIK, STEPHEN

MATHER ST 1992 (Cont'd)

934	HEIM, LARRY
935	ANGST, DAVID
941	POCQUETTE, J
945	STASCAK, THOMAS
72312	TERRIEN, KELLEY

Target Street	Cross Street	Source
✓	-	Wright's City Directory

MATHER ST 1987

828★Roinsky Tony
Upper No Return
829 House Shirley M ◎ 432-5701
831 Mazur Mack G 432-7943
Kaster Marge M 432-2527
831½★Fredrick Mike
832 Lambrou Holly A Mrs ◎ 432-5085
835★Bryfczynski Brenda
836★Bornemann Wm 437-5791
836½ Merath Steven C 432-7928
837★Bryfzynski Brenda C 435-1578
840 No Return
N NORWOOD AV ENDS

GB&W CROSSES
850 Zirbel Lawrence H ◎ 497-8535
856 Keehan James 498-8633
UNION CT ENDS
LINCOLN ST BEGINS
VELP AV BEGINS
864 Auntie Q's Antiques antique furn sls resale 499-4515
869★Wulf David D ◎
873 Munson Eliz Mrs ◎ 497-8133
873a Vacant
878 Randy's Mobil Service 497-7082
879 Sturm Holly A 497-8134
Upper No Return
MELROSE AV ENDS
894 Craanen Lee J ◎ 497-8111
897★Taylor David C 494-3814
898 Wallenfang Emma Mrs ◎ 497-8113
902 Theys Robt L Jr ◎ 499-7356
908★Lee David 494-4855
VROMAN ST ENDS
912 Trepanier Robt E ◎ 497-8129
Rear★Gotsholz Tom
Front★Gazinski Larry
915 Kreigh Miriam M ◎ 498-0019
916 Wolf Bradley G ◎ 497-8131
921 La Cosse Adelore J ◎ 497-8132
924 Vanden Langenberg Denia Mrs ◎ 497-8130
925★Orton Scott M
929 Werner Warren H ◎ 499-3825
931 Kadrlik Steph E ◎ 497-8126
934 Heim Larry A ◎ 497-8073
935★Angst David M ◎ 499-9893
HOLZER ST BEGINS
941 Pocquette Jacqueline C Mrs ◎ 497-8078
945 Vacant
949 Hunsader Patricia L ◎ 497-8077
950 Cartier Steven P ◎ 498-0075
954 Pies Dorothy M Mrs ◎ 497-8472
955 Holstead Steve M 499-1280
960 Kellner Mich P ◎
961 Den Ruyter Bryan P ◎ 499-1876

Target Street	Cross Street	Source
✓	-	Wright's City Directory

MATHER ST 1982

MATHER ST—Contd 2

510 Corby Alice M Mrs 435-1467
Betzinger Danl 432-7927
514 Strebel Sue E 432-0982
516 Bourassa Mary E
517 Riley Michl J © 437-7911
518★Malchoe Maureen R 498-6459
N MAPLES AV INTERSECTS
602 Apartments
1★Wisneski K
2 Donovan Ronald B 432-4120
3 Blaker Gilbert
4★Anthony Jack Jr
603 Whitey Benny L
606★Nordin Joseph 435-4771
Pleau D J
610 Maddix James L 432-7828
612½ Komorowski Stanley 432-5277
612★Herbeck Orma 432-6840
614 Omholt Arth O 435-0287
Seiler Elmer H 435-0178
618 Green Bay Major Appliance Service
repr serv 437-9704
619 Vacant
620 Vacant
N ASHLAND AV INTERSECTS
701 Vanden Boogart Dennis L © 432-8781
702 Gloe's Hair Style Studio 437-5578
Gloe Francis H © 437-5578
705 Vacant
706 De Keyser Agnes Mrs 435-4975
★Callahan Charles 432-5696
706½ Boyce David H 432-3960
Safford Donald W
707 Vacant
711 Lauterbach Clement C © 437-4089
712★Quigley Carol A © 432-6581
713 De Baker Verlin F © 432-3830
716★Xiong Tar
★Cheng Leng
719 Weber Albert P Jr © 435-9858
722 Under Constn
723 Du Chateau Shoe Repair Shop
Du Chateau Ralph H © 435-4805
723½ Du Chateau Gary B
727 Sutrick Paul D © 435-8533
728 Biemeret Mildred B 435-5442
731 Desjardin Jerry J 435-9232
HARRISON ST BEGINS
735 Harbeck Lehnert © 432-7115
803 La Plante Darryl D © 432-2644
807 Larsen Dale
★Rosera Bernadette M
Morrow David L
809 Bouchard Angeline © 435-8844
810 Kamholtz Bernice L Mrs © 435-5913
811 Walters D A ©
814 Loos Robt F Jr © 437-4404
816 Randall Nora M Mrs © 435-9055
816½ Flint Mark R 432-0508
821 Walters Jerry ©
822★Draghi Sandra
Vacant
824 Vanden Plas Frank F © 432-8116
826 Clark Kevin B © 435-8568
827 De Winter Donald J © 432-4297
828 Vacant
829 House Shirley M ©
831★Mazur Mack G
831½ Barrera Jose N
832 Lambrou Holly A Mrs © 432-5085
835★Williamson Mark
836★Bosman Judy
836½ Voight Beverly D 432-7928
837 Mongin Steven J 435-8740
840 Vande Leest Harold H © 432-7527
N NORWOOD AV ENDS
GB&W CROSSES
850 Zirbel Lawrence H © 497-8535
856 Vacant
UNION CT ENDS
LINCOLN ST BEGINS
VELP AV BEGINS
869 Vorpahl Craig C 497-8136
873 Munson Eliz Mrs © 497-8133
873a Vacant
878 Randy's Mobil Service 497-7082
879 Wengrzyn Leo L © 497-8134
879a Holte Gregory R 494-6796
MELROSE AV ENDS
894 Craanen Lee J © 497-8111
897★Hoffman Mark ©
898 Wallenfang Emma Mrs © 497-8113
902★Theys Robt L Jr © 499-7356
908 Scmeider Evan E 499-4062
VROMAN ST ENDS
912★Biakowski Sheila L
★Hockers David F
Petri Sophia Mrs © 497-8129
915 Kreigh Miriam M © 498-0019
916 Wolf Bradley G © 497-8131
921 La Cosse Adelore J © 497-8132
924 Vanden Langenberg Denia Mrs ©
497-8130
925 No Return
929★Juley Lawrence M
931 Kadrlik Steph E © 497-8126
934 Heim Larry A © 497-8073
935 Guilette Gaylord 494-3758
HOLZER ST BEGINS
941 Pocquette Francis J © 497-8078
945 Lassila Arth B © 497-8074
949 Hunsader Leonard R © 497-8077
950 Kozloski Randall S © 497-9189
954 Pies Dorothy M Mrs © 497-8472
955★Kornetzky Susan A Mrs 499-8665
960 Deneys Mark 497-4879
961 Motiff Clara L Mrs © 497-8080
964 Olejniczak Russell L © 494-0300
965 Schick Harry E © 497-8075
969 Zillmer Gordon E © 497-8067
970 Gerrits Elsie M Mrs © 497-8068
972 Peeters Irene Mrs © 497-8072
975 Waerzeggers Wm G © 499-2176
976 Waligursky Donald G 498-1926
979 Soderlund Steph J © 494-1332
980★Liljestrom Michl J
982 Natzke Herbert B © 497-8062
983 Ronsman Ronald H © 497-8071
989 Nooyen James H © 497-8063
993 De Bauche Patricia A © 494-4157
NORTHERN AV ENDS
COLUMBIA AV ENDS
1033 De Muth Leo M ©
ROY AV INTERSECTS
1066 Cerebral Palsy Inc 494-5627
GRAY ST INTERSECTS
1094 Lee Kath A Mrs
ETHEL AV INTERSECTS
1118 Balza Bruce E © 499-0759
BUCHANAN BEGINS
1133 Van Ess Luella E Mrs © 499-2718
1139 Laubenstein Sharon L Mrs ©
499-6779
1143 Meindl Geo M © 499-2827
1147 Mullen Danl J © 499-3347
1151 Overly Steven J 494-1076
1155 Nuthals Clarence P © 499-1960
WINFORD ST BEGINS
1158 Schaefer Mark G © 497-0248
1159 Gerondale Norman J © 499-2780

Target Street	Cross Street	Source
✓	-	Wright's City Directory

MATHER ST 1977

MATHER ST—Contd
O'Blenes Judy
809 Bouchard Charles © 435-8759
810 Kamholtz Harvey A © 435-5913
811 Durben John E © 435-3006
814 Loos Robt F Jr © 437-4404
816 Randall Nora M Mrs © 435-9055
816½★Nolan Cheryl L 432-7549
821 Walters Joseph ©
822★Rosera Bernadette 432-7692
★Ratke Glen P 437-0855
824 Vanden Plas Frank © 432-8116
826 Taylor John P © 437-9339
827 De Winter Donald J © 432-4297
828★Gabriels Norman L ©
829 House Shirley © 432-5701
831★Frisque Louis
831½★Bantiey C
832 Lambrou Andreas © 432-5085
835 De Moulin Wayne M 435-5132
836★Sargent Hugh ©
837★Klebber Patricia
840 Vande Leest Harold H © 432-7527
N NORWOOD AV ENDS

21

GB&W CROSSES
850 Zirbel Lawrence H © 435-7377
856 Hogan Louise E Mrs © 435-5635
UNION CT ENDS
LINCOLN ST BEGINS
VELP AV BEGINS
869 Gaffney Frances F Mrs © 435-3048
873 Munson Eliz Mrs © 432-2829
873a Vorpahl Craig C 437-0764
878 Randy's Mobil Service 435-4846
879 Wengrzyn Leo L © 437-5741
Vacant
MELROSE AV ENDS
894 Craanen Lee J © 432-1134
897 Bramer Danl J © 435-9246
898 Wallenfang Emma Mrs © 435-6179
902 Bouchard Fred J © 435-8991
908 Gilbertson Warren L © 437-2608
VROMAN ST ENDS
912 Athey Alice Mrs 435-7376
Pearson Alvina 435-0382
Petri Sophia Mrs © 435-2582
915 Beauleau Gilbert A © 432-6070
916 Wolf Bradley G © 435-2834
921 La Cosse Adelore J © 432-7833
924 Vanden Langenberg Anton © 437-6110
925★Janess Paul
929 Smith Teresa A © 432-6975
931 Kadrlik Steph E © 437-7261
934 Heim Larry A © 435-3000
935 Delong Robt E © 432-7185
HOLZER ST BEGINS
941 Pocquette Francis J © 432-0205
945 Lassila Arth B © 435-5702
949 Hunsader Leonard R © 437-6410
950★Sherry Richd J © 432-6646
954 Pies Dorothy M Mrs © 437-8998
955 Barthels Harvey J © 432-2792

Target Street	Cross Street	Source
✓	-	Wright's City Directory

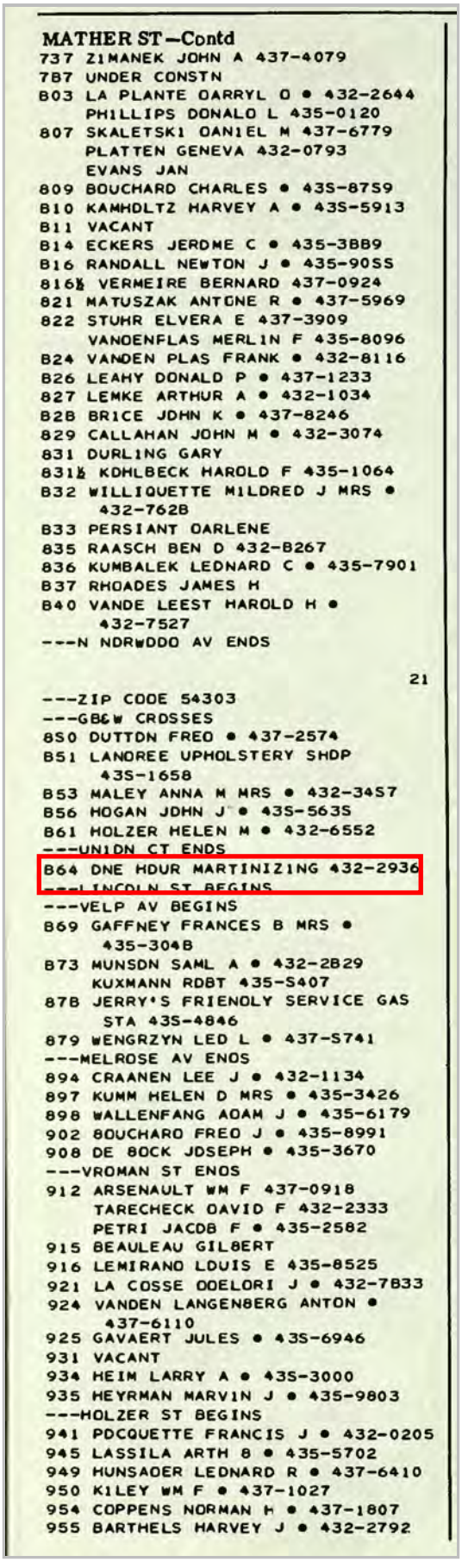
MATHER ST 1972

807 Raymaker Marilyn Mrs
★Golonka Eug F 432-0983
★Montgomery Carl L
809 Bouchard Charles © 435-8759
810 Kamholtz Harvey A © 435-5913
811 Schaub Thos L © 435-5776
814 Eckers Jerome C © 435-3889
816 Randall Nora M Mrs © 435-9055
816½ Vermeire Bernard 437-0924
821 Matuszak Antone R © 437-5969
822 Stuhr Elvera E Mrs 437-3909
Paschke Lonnie P 432-8298
824 Vanden Plas Frank © 432-8116
826 Leahy Donald P © 437-1233
827 Lemke Arthur A © 432-1034
828 Radosevich James M © 432-4796
829★Sommers Roger L © 432-5701
831★Smith Shirley A Mrs 432-1423
831½ Kohlbeck Harold F 435-1064
832 Williquette Mildred J Mrs © 437-3(
833★Marquardt Joseph P
835★Roedig David W 437-2447
836 Kumbalek Leonard C © 435-7901
837★Moburg Dean M 435-0647
840 Vande Leest Harold H © 432-7527
N NORWOOD AV ENDS

GB&W CROSSES
850 Dutton Fred W ©
851 Hussin Upholstery Shop 435-1658
853 Maley Anna M Mrs © 432-3457
856 Hogan Louise E Mrs © 435-5635
861 Vacant
UNION CT ENDS
864 One Hour Martinizing 432-2464
LINCOLN ST BEGINS
VELP AV BEGINS
869 Gaffney Frances B Mrs © 435-3048
873 Munson Saml A © 432-2829
Toth Russell D 432-3723
878 Ted's Mobil Service 435-4846
879 Wengrzyn Leo L © 437-5741
MELROSE AV ENDS
894 Craanen Lee J © 432-1134
897 Kumm Helen D Mrs © 435-3426
898 Wallenfang Adam J © 435-6179
902 Bouchard Fred J © 435-8991
908 Vacant
VROMAN ST ENDS
912 Arsenault Wm F 437-0918
★Ulm Phyllis
Petri Sophia Mrs © 435-2582
915 Beauleau Gilbert A © 432-6070
916★Wolf Bradley G © 435-2834
921 La Cosse Adelore J © 432-7833
924 Vanden Langenberg Anton © 437-6
925 Vacant
931 Kadrlik Steph E © 437-7261
934 Heim Larry A © 435-3000
935 Heyrman Marvin J © 435-9803
HOLZER ST BEGINS
941 Pocquette Francis J © 432-0205
945 Lassila Arth B © 435-5702
949 Hunsader Leonard R © 437-6410
950 Kiley Irene V Mrs © 437-1027
954 Coppens Norman H © 437-1807
955 Barthels Harvey J © 432-2792
960 Dachelet Doug P 435-6404
961 Motiff Clara L Mrs © 432-8448
964 Edwards Clara Mrs ©
965 Schick Harry E © 435-1320
969 Zillmer Gordon E © 437-1708
970 Gerrits Elsie M Mrs © 432-0241
972 Peeters Philip P © 435-6917
975 Baldwin Roger E © 435-3881
976★Lemerond Lola J 437-6847

Target Street	Cross Street	Source
✓	-	Wright's City Directory

MATHER ST 1968



MATHER ST—Contd
737 ZIMANEK JOHN A 437-4079
787 UNDER CONSTN
803 LA PLANTE DARRYL D • 432-2644
PHILLIPS DONALD L 435-0120
807 SKALETSKI DANIEL M 437-6779
PLATTEN GENEVA 432-0793
EVANS JAN
809 BOUCHARD CHARLES • 435-8759
810 KAMHOLTZ HARVEY A • 435-5913
811 VACANT
814 ECKERS JEROME C • 435-3889
816 RANDALL NEWTON J • 435-9055
816½ VERMEIRE BERNARD 437-0924
821 MATUSZAK ANTONE R • 437-5969
822 STUHR ELVERA E 437-3909
VANOENFLAS MERLIN F 435-8096
824 VANDEN PLAS FRANK • 432-8116
826 LEAHY DONALD P • 437-1233
827 LEMKE ARTHUR A • 432-1034
828 BRICE JOHN K • 437-8246
829 CALLAHAN JOHN M • 432-3074
831 DURLING GARY
831½ KOHLBECK HAROLD F 435-1064
832 WILLIQUETTE MILDRED J MRS •
432-7628
833 PERSIANT DARLENE
835 RAASCH BEN D 432-8267
836 KUMBALEK LEONARD C • 435-7901
837 RHOADES JAMES H
840 VANDE LEEST HAROLD H •
432-7527
---N NORWOOD AV ENDS

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---ZIP CODE 54303
---GB&W CROSSES
850 DUTTON FRED • 437-2574
851 LANDREE UPHOLSTERY SHOP
435-1658
853 MALEY ANNA M MRS • 432-3457
856 HOGAN JOHN J • 435-5635
861 HOLZER HELEN M • 432-6552
---UNION CT ENDS
864 ONE HOUR MARTINIZING 432-2936
---LINCOLN ST BEGINS
---VELP AV BEGINS
869 GAFFNEY FRANCES B MRS •
435-3048
873 MUNSON SAML A • 432-2829
KUXMANN ROBT 435-5407
878 JERRY'S FRIENDLY SERVICE GAS
STA 435-4846
879 WENGRZYN LED L • 437-5741
---MELROSE AV ENDS
894 CRAANEN LEE J • 432-1134
897 KUMM HELEN D MRS • 435-3426
898 WALLENFANG ADAM J • 435-6179
902 BOUCHARD FRED J • 435-8991
908 DE BOCK JOSEPH • 435-3670
---VROMAN ST ENDS
912 ARSENAULT WM F 437-0918
TARECHECK DAVID F 432-2333
PETRI JACOB F • 435-2582
915 BEAULEAU GILBERT
916 LEMIRAND LOUIS E 435-8525
921 LA COSSE ODELORI J • 432-7833
924 VANDEN LANGENBERG ANTON •
437-6110
925 GAVAERT JULES • 435-6946
931 VACANT
934 HEIM LARRY A • 435-3000
935 HEYRMAN MARVIN J • 435-9803
---HOLZER ST BEGINS
941 PDCQUETTE FRANCIS J • 432-0205
945 LASSILA ARTH B • 435-5702
949 HUNSADER LEONARD R • 437-6410
950 KILEY WM F • 437-1027
954 COPPENS NORMAN H • 437-1807
955 BARTHELS HARVEY J • 432-2792

Target Street	Cross Street	Source
✓	-	Wright's City Directory

MATHER ST 1963

MATHER–Contd
615 Babler Ella P Mrs 437-5280
617 Cornell Randell C 435-9778
Modeen Danl B 435-3631
618 Vacant
619 Swette's Standard Serv Sta gas sta 432-9849
620 Haanen's Drug Store 432-4723
N Ashland av intersects
701 Schoyen Rolf A © 437-8269
702 Gloe Francis H © 437-5578
Gloe's Hair Style Studio 437-5578
705 Pierquet Herdif F 432-5729
706 Klitzke Edith E 437-0606
Johnson Jay J
706½ Meilke Mary G 437-9794
Gajewski Roger G
707 Knack Reuben C 432-3197
711 Lauterbach Clem C 437-4089
712 Kapp John F © 437-7489
713 Gass Ellen E Mrs © 432-8493
716 Demmer Madison V ©
719 Murphy Charlotte Mrs © 432-8577
719½ Monfils Alvin J 437-5216
722 No Return
723 DuChateau Shoe Repr Shop
DeChateau Ralph H ©
Raleigh Geo 432-3196
727 Wolfe Raphael F© 437-0357
728 Andrew Peter E
Lehmann Eileen Mrs 437-0317
Prince Richd C
731 Hyde Veronica B Mrs © 435-4503
735 Rudoy Harry mirror re-silvering 437-2045
737 Longtine Harold F 435-3191
Harrison begins
803 Smith Robt H © 437-0745
Gauthier Michl 437-7988
807 Meyer Roger
Piontek Frank J 432-4519
LaPlante Darryl D 432-2644
809 Bouchard Chas ©
810 Kamholtz Harvey A © 435-5913
811 Braley Vernon H ©
814 Eckers Jerome C © 435-3889
816 Randall Newton J © 435-9055
821 Langenberg Peter © 435-4208
822 Larson's Badger Sanitation Serv sewer clns 432-4836
Valentine Irving E 432-4836
824 VandenPlas Frank © 432-8116
826 Leahy Donald P © 437-1233
827 Holthusen Tona Mrs © 432-1034
828 Brice John K © 437-8246
829 Callahan John M © 432-3074
831 Pileggi Louis V
831½ Kohlbech Harold F 435-1064
832 Williquette Clarence J © 432-7628
833 Siglinsky Mary A 437-9191
835 Stakes Hollis P 437-3870
836 Kumbalek Leonard C © 435-7901
Johnsen Gladys Mrs 437-4994
837 Posey Patk 437-2151
840 Vande Leest Harold H © 432-7527
N Norwood av ends

21

GB&WRR crosses

850 Vacant
851 Landree Upholstery Shop 435-1658
853 Maley Anna M Mrs © 432-3457
856 Hogan John J © 435-5635
861 Holzer Rose A Mrs© 432-6552
Union ct ends
864 Summ's Cities Serv Center gas sta 435-6489
Lincoln begins
Velp av begins
869 Gaffney Frances B Mrs © 435-3048
873 Munson Saml A © 432-2829
873b Jorgensen Wm N 435-1565
878 Jerry's Friendly Serv gas sta 435-4846
879 Wengrzyn Leo L © 437-5741
Melrose av ends
894 Craanen Lee J © 432-1134
897 Kumm Emil F © 435-3426
898 Wallenfang Adam J © 435-6179
902 Bouchard Fred J © 435-8991
Hall Margt E 435-9079
908 DeBock Jos © 435-3670
Vroman ends
912 Petri Jacob F © 435-2582
Arsenault Wm F 437-0918
Leo Thos 437-4979
915 DeWitt Chas Rev © 435-8643
916 Lemirand Louis E 435-8525
921 LaCasse Adelord J © 432-7833
924 VanDen Langenberg Anton © 437-6110
925 Gavaert Jules © 435-6906
931 Gegare Freeman J © 435-7194
934 Heim Larry A © 435-3000
935 Watson Robt R © 435-9104
Holzer begins
941 Pocquette Francis J © 432-0205
945 Lassila Arth B © 435-5702
949 Hunsader Leonard R © 437-6410
950 Kiley Wm F © 437-1027
954 Coppens Norman H © 437-1807
955 Barthels Harvey J © 432-2792
960 Johnson Herbert G 432-8857
961 Motiff Frank V © 432-8448
964 Edwards Clara Mrs © 435-7805
964½ Anthony Ethel Mrs 437-0579
965 Lambrecht Richd B © 435-5657
969 Zillmer Gordon E © 437-1708
970 Gerrits Elsie M Mrs © 432-0241
972 Peeters Philip P © 435-6917
975 Lindeman Genevieve Mrs © 432-9018
976 Vieau Delbert C © 435-2305
Brey Thos M 432-0131
979 Rank Wm C © 437-7321
983 Rank Chas R © 432-5439
989 Nooyen Jas H © 432-8819
993 Rose Donald J © 432-3916
Northern av ends

23

Columbia av ends
1033 Schumacher Walter H © 435-3508
Roy av intersects
1066 Haines Arth W phys 437-8188
Haines & Sherwood phys 437-8188
Sherwood Donald L phys 437-8188
1070 Buckley Pharmacy 435-1676