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Remedial Progress Report

Reed Manufacturing Services

Franklin, Indiana

State Cleanup Incident #: 2013-42015



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**Remedial Progress Report
Reed Manufacturing Services – Franklin, IN
State Cleanup Site # 2013-42015**

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1. INTRODUCTION

Ramboll US Consulting, Inc. (Ramboll) has prepared this Remedial Progress Report (Report) for the RCO-Reed Corporation d/b/a Reed Manufacturing Services (Reed) facility located at 1056 Eastview Drive in Franklin, Johnson County, Indiana (Site). The Site is illustrated on **Figure 1**. The Indiana Department of Environmental Management (IDEM) State Cleanup identification number for the Site is 2013-42015.

This Report follows the *Source Area Remediation Report*, dated April 24, 2020, which documented the remediation of an apparent source area on the far southeast portion of the Site property and on the adjacent Hurricane Road Industrial Development (HRID) property (IDEM Site #2013-34567). This Report also follows two Remedial Progress Reports, dated September 15, 2020 and January 22, 2021, which together documented the first three post-remediation groundwater monitoring events. IDEM provided a review letter to the January 22, 2021 Remedial Progress Report on March 30, 2021. The IDEM letter agreed with the planned additional monitoring to evaluate the remedy effectiveness, and that plume behavior monitoring can be considered.

A summary of the Site remediation activities is provided in Section 2 below. To monitor the effectiveness of the source area remediation, Ramboll proposed quarterly monitoring of a subset of the on-Site and off-Site monitoring wells. In accordance with Section 5 of the *Source Area Remediation Report*, the sampling plan included sampling on-Site wells MW-3, MW-5, and MW-7 and off-Site wells MW-11, MW-23, MW-30, and MW-31. The fourth post-remediation sampling event conducted in March 2021 is documented in Sections 3 and 4 below.

2. COMPLETED REMEDIATION

The following section provides a summary of the source area remediation activities conducted in February and March 2020. The remediation included soil excavation and application of a groundwater treatment via an infiltration gallery installed at the bottom of the excavation. The footprint of the remediation area is included on **Figure 1**.

2.1 Excavation

The soil excavation area was identified based on existing soil analytical data and ended up being approximately 5,200 square feet in area located in the southeastern portion of the Site property and onto the adjacent HRID property. The excavation occurred between February 12-19, 2020 and generally followed the sloping topography, extending to approximately 13 feet below ground surface (bgs) in the northern portion of the excavation and to approximately 8 feet bgs in the southern portion. The total depth of the excavation extended to the water table. Approximately 2,500 tons of non-hazardous soil and debris were removed and disposed of at a properly permitted facility. Confirmation samples were collected from the bottom of the excavation and along sidewalls in accordance with IDEM guidance. All confirmation sample results were below the established remedial target concentration of 1 part per million (ppm) for tetrachloroethene (PCE) and trichloroethene (TCE). The excavation was backfilled between February 24 and 27, 2020 after installation of the infiltration gallery as discussed below.

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2.2 Groundwater Treatment

The November 25, 2019 IDEM letter approving the *Source Area Remedial Plan* recommended applying a groundwater treatment product during the excavation. After the soil excavation was completed and prior to backfilling, an infiltration gallery constructed of 4-inch diameter perforated polyvinyl chloride (PVC) was placed in the bottom of the excavation and brought to grade with a riser pipe. Five lines were installed generally perpendicular to groundwater flow. Following construction of the infiltration gallery, the excavation was backfilled with a generally coarse-grained pit run soil and compacted with a skid steer. On March 3-5, 2020, a solution of approximately 7,025 gallons of water mixed with 3,097 pounds of potassium permanganate was injected into the infiltration gallery for dispersion into the saturated zone below the excavated area.

3. GROUNDWATER MONITORING

The following sections describe the groundwater monitoring methodology, groundwater flow trends, and the analytical results from the March 4-5, 2021 monitoring event.

3.1 Methodology

Ramboll completed monitoring well sampling activities on March 4-5, 2021 using low-flow purge techniques. All on-Site monitoring wells were gauged, and a subset of the Site monitoring wells and four wells on the adjacent HRID site were sampled to evaluate the effectiveness of the excavation and groundwater remediation over time. Specifically, the monitoring wells sampled included on-Site wells MW-3, MW-5, and MW-7, and off-site wells MW-11, MW-23, MW-30, and MW-31.

Prior to sampling for each event, all monitoring wells were gauged with an electronic water level indicator. Monitoring wells were purged using United States Environmental Protection Agency (USEPA) low flow procedures and immediately sampled thereafter using a QED Sample Pro Bladder Pump and new disposable low-density polyethylene tubing. During the purge process, water quality parameters including pH, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductivity, and turbidity were monitored and recorded. Following the stabilization of groundwater quality field parameters, groundwater samples were collected into laboratory-provided sample containers and packed on ice for delivery to the Pace Analytical Laboratory in Indianapolis, Indiana (Pace). On March 4, 2021, MW-7 had to be sampled using a disposable bailer due to a limited amount of groundwater in the well. One set of field parameter reading were collected from MW-7. A HACH manganese high range pocket colorimeter II field kit was used to evaluate the presence of residual permanganate in the groundwater. Groundwater sampling field data forms are provided in **Appendix A**.

Groundwater and quality assurance and quality control (QA/QC) samples were submitted under proper chain of custody to Pace for analysis of volatile organic compounds (VOCs) by EPA Method 8260. Groundwater monitoring samples were reported with Level II data quality objective (DQO).

All purge water and decontamination water were containerized on-Site, pending disposal. A request for "contained-in" determination was submitted to IDEM, and IDEM provided the "Contained-In" Determination for contaminated groundwater on December 28, 2020. The purge water waste is planned to be disposed of at an off-Site disposal facility in accordance with State and Federal regulations.

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3.2 QA/QC Measures

QA/QC samples were collected in accordance with USEPA protocols for Level IV data, as described in USEPA's DQO for Remedial Response Activities, Volumes 1 and II (USEPA, 1987), and per IDEM's Minimum Data Reporting Requirements. Specifically,

- A field duplicate sample was collected with MW-30 during the March 2021 event,
- A trip blank was maintained with the groundwater samples,
- An equipment blank was collected, and
- Laboratory method blanks, matrix spikes, matrix spike replicates, surrogate spikes, analytical replicates, and laboratory replicates were analyzed at the laboratory to evaluate bias due to samples preparation and analysis, equipment performance and precision, and analytical bias and precision.

Field documentation included sample collection records, quality control records, general field procedures, and corrective action reports for any deviations from the standard field procedures and practices. Field documentation was recorded in the field notebook on a daily basis. Laboratory documentation includes chain-of-custody forms, management records, test methods, laboratory data sheets, internal QA/QC documentation, and documentation of regular equipment maintenance and calibration.

3.3 Groundwater Flow

Table 1 summarizes all groundwater elevation data collected at the Site. The potentiometric surface map from the March 5, 2021 gauging event is included as **Figure 2**. Groundwater flow continues to be in a general easterly to southeasterly direction in March 2021, which is consistent with prior monitoring events. The March 2021 groundwater elevations were on average approximately one foot higher than the prior gauging event in December 2020. In general, the water table during the March 2021 monitoring event was near the average for past events, dating back to October 2014.

3.4 Groundwater Analytical Results

The March 2021 groundwater sampling analytical results are summarized in **Table 2** and **Figure 3**, and the laboratory reports are included in **Appendix B**. Groundwater analytical results from all monitoring well sampling events to date from the subset of wells, as well as data from the adjacent HRID site are included in **Table 2** and on **Figure 3**.

With the exception of MW-30, PCE and TCE concentrations were generally consistent with previous sampling events and appear to be stable or decreasing. A trend is currently not discernable at MW-30. In March 2021, there were no detections above the laboratory reporting limit in the on-site shallow well MW-3 and the off-site deep well MW-31. PCE and TCE concentrations slightly increased at on-Site wells MW-5 and MW-7 between December 2020 and March 2021, as well as at MW-11 off-Site, but are within range of typical sample variability. Off-site well MW-23 had a slight decrease in PCE and TCE concentrations since the December 2020 sampling event. In the March 2021 sampling event, the PCE and TCE concentrations at MW-30 remained at similar levels as the June and December 2020 sampling events. A significant decrease in concentrations at MW-30 occurred in September 2020, which may have been an effect of the remedial activities; however, concentrations have since rebounded. Overall, the highest concentrations of PCE and TCE from the on-Site monitoring wells in March 2021 were 41.1 micrograms per liter ($\mu\text{g/L}$) and 56.7 $\mu\text{g/L}$ respectively, at MW-7. The highest concentration of PCE and TCE from the off-Site monitoring wells was 586 $\mu\text{g/L}$ and 271 $\mu\text{g/L}$ respectively, at MW-30. No

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other VOCs were detected above the laboratory reporting limit in the monitoring wells sampled.

Per the April 24, 2020 *Source Area Remediation Report*, the proposed remedial goal is for PCE and TCE concentrations to meet the IDEM RCG commercial vapor exposure screening level (CVESL) at off-Site monitoring wells MW-11 and MW-30, which are located downgradient from the remediation area. In March 2021 PCE and TCE exceeded the CVESL at MW-30, and TCE slightly exceeded the CVESL at MW-11. A plume stability approach is being considered as the proposed remedial goal instead of meeting the CVESLs.

Figure 4 depicts the PCE and TCE concentrations at select wells in relation to groundwater elevations. Based on the available data, it still remains unclear if the PCE and TCE concentration trends are related to fluctuations in groundwater elevations, especially at MW-30. Additional monitoring data may determine whether a relationship exists and if there are any seasonal trends.

Table 3 summarizes the stabilized field parameter data, as well as the field manganese data. Groundwater field parameters are generally consistent amongst the shallow monitoring wells. In the March 2021 sampling event, all of the monitoring wells showed a slight increase in DO as compared to the December 2020 event, with the exception of MW-7 which had a significant increase likely as a result of collecting a grab groundwater reading due to low water volume. ORP levels continue to be positive in the shallow wells. ORP at deep well MW-31 was positive during the March 2021 sampling event, whereas it had previously been negative. Ph and specific conductivity have been generally consistent at the Site, although the specific conductivity value at MW-30 was notably higher in March 2021 compared to prior events. Manganese was not detected at off-Site wells MW-11, MW-30, and MW-31 during the March 2021 sampling event, while MW-3, MW-5, and MW-23 showed a slight increase in manganese detections ranging from 0.2 mg/L at MW-5 to 2.3 mg/L at MW-23. MW-7 showed a significant increase in manganese concentration (9.2 mg/L) compared to the last collected reading in June 2020 (1.0 mg/L). It is possible this increase was influenced by the sample being very turbid in March 2021.

4. CONCLUSION

This Report documents the fourth groundwater monitoring events following the completed source area remedial activities at the Site and extending onto the adjacent HRID property. With the exception of off-Site well MW-30, the PCE and TCE concentrations appear to be stable at MW-5, MW-7 and MW-11, and decreasing at MW-23. No trend in concentrations is apparent at MW-30. The only CVESL exceedance for PCE occurred at MW-30, and TCE exceeded the CVESL at MW-7, MW-11, MW-23, and MW-30. No chlorinated VOCs were detected at MW-31, indicating that deeper groundwater impacts have not occurred in this area.

Additional quarterly sampling events will help determine the effectiveness of the remedy as well as any seasonal fluctuations. Additional groundwater treatment is being considered, as well as using a plume stability approach as the proposed remedial goal instead of meeting the CVESLs. The upcoming Second Quarter 2021 groundwater sampling event will be conducted in a similar manner as the March 2021 event.

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5. REFERENCES

- Indiana Department of Environmental Management (IDEM). 2012. Remediation Closure Guide. March 22, with updates through 2021.
- IDEM. 2019. Source Area Remedial Plan Approval Letter. November 25.
- IDEM. 2020. "Contained-In" Determination for Contaminated Groundwater. December 28.
- IDEM. 2021. Source Area Remediation, Remedial Progress Report (comment letter). January 20.
- IDEM. 2021. Remedial Progress Report Review (comment letter). March 30.
- Ramboll US Consulting, Inc. (Ramboll). 2019. Source Area Remedial Plan. September 9.
- Ramboll. 2020. Source Area Remediation Report. April 24.
- Ramboll. 2020. Remedial Progress Report. September 15.
- Ramboll. 2021. Remedial Progress Report. January 22.
- Ramboll. 2020. Request for Contained-In Determination. December 22.
- United States Environmental Protection Agency (USEPA). 1987. Data Quality Objectives for Remedial Response Activities.

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TABLES

Table 1
Groundwater Elevation Data
Reed Manufacturing Services
Franklin, Indiana
IDEM State Cleanup # 2013-42015

Monitoring Well ID	TOC Elevation (feet amsl)	Ground Elevation (feet amsl)	Screen Interval (feet bgs)	Screen Elevation (feet amsl)	Date Gauged	DTW (feet)	GW Elevation (feet amsl)
On-Site Monitoring Wells							
MW-1	736.91	737.05	9-19	718.05-728.05	10/02/14	13.39	723.52
					10/09/15	13.39	723.52
					01/26/16	11.51	725.40
					08/31/16	11.83	725.08
					08/21/17	12.16	724.75
					03/04/19	9.88	727.03
					06/29/20	12.01	724.90
					09/25/20	13.82	723.09
					12/04/20	13.38	723.53
					03/05/21	12.51	724.40
MW-1D	735.95	736.31	25-30	706.31-711.31	08/21/17	12.18	723.77
					03/04/19	10.12	725.83
					06/29/20	11.89	724.06
					09/25/20	13.59	722.36
					12/04/20	13.70	722.25
MW-2	736.73	737.32	9-19	718.32-728.32	03/05/21	12.57	723.38
					10/02/14	13.60	723.13
					10/09/15	13.55	723.18
					01/26/16	11.94	724.79
					08/31/16	12.06	724.67
					08/21/17	12.43	724.30
					03/04/19	10.50	726.23
					06/29/20	12.10	724.63
					09/25/20	13.99	722.74
					12/04/20	14.20	722.53
MW-3	739.56	739.86	12-22	717.86-727.86	03/05/21	13.08	723.65
					10/02/14	16.80	722.76
					10/09/15	16.72	722.84
					01/26/16	15.06	724.50
					08/31/16	15.20	724.36
					08/21/17	15.56	724.00
					03/04/19	13.52	726.04
					06/29/20	15.28	724.28
					09/25/20	17.08	722.48
					12/04/20	17.23	722.33
MW-4	738.81	739.19	12-22	716.81-726.81	03/05/21	16.12	723.44
					10/09/15	15.95	722.86
					01/26/16	14.22	724.59
					08/31/16	14.33	724.48
					08/21/17	14.73	724.08
					03/04/19	12.65	726.16
					06/29/20	14.49	724.32
					09/25/20	16.31	722.50
					12/04/20	16.50	722.31
					03/05/21	15.29	723.52
MW-5	733.30	733.51	7-17	716.3-726.3	10/09/15	10.72	722.58
					01/26/16	9.09	724.21
					08/31/16	9.28	724.02
					08/21/17	9.61	723.69
					03/04/19	7.71	725.59
					06/29/20	9.28	724.02
					09/25/20	11.04	722.26
					12/04/20	11.18	722.12
					03/05/21	10.07	723.23
					MW-6	738.67	739.19
01/26/16	14.35	724.32					
08/31/16	14.49	724.18					
08/21/17	14.97	723.70					
03/04/19	12.71	725.96					
06/29/20	14.74	723.93					
09/25/20	16.51	722.16					
12/04/20	16.53	722.14					
03/05/21	15.27	723.40					

Table 1
Groundwater Elevation Data
Reed Manufacturing Services
Franklin, Indiana
IDEM State Cleanup # 2013-42015

Monitoring Well ID	TOC Elevation (feet amsl)	Ground Elevation (feet amsl)	Screen Interval (feet bgs)	Screen Elevation (feet amsl)	Date Gauged	DTW (feet)	GW Elevation (feet amsl)
MW-7	739.84	740.43	11-21	718.84-728.84	10/09/15	17.26	722.58
					01/26/16	15.33	724.51
					08/31/16	15.72	724.12
					08/21/17	16.03	723.81
					03/04/19	14.02	725.82
					06/29/20	15.80	724.04
					09/25/20	DRY	
					12/04/20	17.68	722.16
					03/05/21	16.51	723.33
Off-Site Monitoring Wells (Hurricane Road Industrial Development / Former Houghland Tomato Cannery)							
MW-11	731.85	NA	3.6-13.6	718.25-728.25	10/02/14	9.80	722.05
	731.61	731.78		718.01-728.01	10/09/15	9.82	721.79
				08/31/16	8.45	723.16	
				08/21/17	8.79	722.82	
				06/29/20	8.39	723.22	
				09/25/20	10.04	721.57	
				12/04/20	10.02	721.59	
				03/05/21	8.81	722.80	
MW-23	740.46	NA	10-20	720.46-730.46	10/02/14	17.38	723.08
	739.50	740.33		719.5-729.5	10/09/15	17.37	722.13
				08/31/16	Inaccessible		
				08/21/17	16.30	723.20	
				06/29/20	15.94	723.56	
				09/25/20	17.65	721.85	
				12/04/20	17.67	721.83	
				03/05/21	16.47	723.03	
MW-30	734.02	NA	9.5-14.5	719.5-724.5	06/29/20	10.30	723.72
					09/25/20	11.94	722.08
					12/04/20	11.95	722.07
					03/05/21	10.77	723.25
MW-31	733.87	NA	25-30	703.8-708.8	06/29/20	9.53	724.34
					09/25/20	11.50	722.37
					12/04/20	12.96	720.91
					03/05/21	10.68	723.19

Notes:

TOC - top of well casing
amsl - above mean sea level
bgs - below ground surface
DTW - depth to water
GW - groundwater
NA - Not Available

Survey information for off-site wells MW-30 and MW-31 taken from Further Site Investigation Report #3 December 3, 2019, Patriot Engineering and Environmental, Inc.

Select off-site wells were resurveyed by Ramboll in October 2015.

Table 2
Groundwater cVOC Analytical Results (ug/L)
Reed Manufacturing Services
1056 Eastview Drive
Franklin, Indiana
IDEM State Cleanup # 2013-42015

Sample Location	Sample Date	Sample Depth (feet bgs)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride		
On-Site Wells									
MW-3	10/3/14	12-22'	<5	<5	<5	26.5	<2		
	10/9/15		<5	<5	11.2	22.5	<2		
	1/27/16		<1	<1	3.1	7.3	<1		
	8/31/16		<1	<1	3.7	9.2	<1		
	3/6/19		<1	<1	6.4	9.5	<1		
	6/30/20		<1	<1	7.9	10.1	<1		
	9/24/20		<5	<5	<5	<5	<2		
	12/3/20		<5	<5	<5	<5	<2		
	3/4/21		<5	<5	<5	<5	<2		
MW-5	10/9/15	7-17'	<5	<5	30.8	52.7	<2		
	1/27/16		<1	<1	18.4	24.1	<1		
	1/27/16 (Dup)		<1	<1	20.2	26.0	<1		
	8/31/16		<1	<1	31.6	45.6	<1		
	3/6/19		<1	<1	31.5	29.5	<1		
	6/30/20		<1	<1	29.7	33.7	<1		
	9/24/20		<5	<5	20.5	37.0	<2		
	12/3/20		<5	<5	13.4	19.2	<2		
	3/4/21		<5	<5	22.6	25.9	<2		
MW-7	10/9/15	11-21'	<5	<5	10.7	52.1	<2		
	10/9/15 (Dup)		<5	<5	11.3	52.5	<2		
	1/27/16		<1	<1	43.5	75.2	<1		
	8/31/16		<1	<1	42.8	53.5	<1		
	8/31/16 Dup		<1	<1	41.3	51.3	<1		
	3/6/19		<1	<1	57.2	92.5	<1		
	3/6/19 Dup		<1	<1	57.0	89.7	<1		
	6/30/20		<1	<1	36.9	46.7	<1		
	6/30/20 Dup		<1	<1	46.1	50.7	<1		
	9/25/20		DRY						
	12/3/20		<5	<5	27.9	39.3	<2		
	3/4/21		<5	<5	41.1	56.7	<2		

Table 2
Groundwater cVOC Analytical Results (ug/L)
Reed Manufacturing Services
1056 Eastview Drive
Franklin, Indiana
IDEM State Cleanup # 2013-42015

Sample Location	Sample Date	Sample Depth (feet bgs)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
Off-Site Wells (Hurricane Road Industrial Development / Former Houghland Tomato Cannery)							
MW-11	10/2/14	3.85-13.85'	<5	<5	126	106	<2
	10/8/15		<5	<5	140	106	<2
	9/2/16		<5	<5	136	110	<2
	8/21/17		<5	<5	124	82.4	<2
	6/15/18		<5	<5	102	60.0	<2
	2/8/19		<5	<5	68.7	50.4	<2
	2/8/19 Dup		<5	<5	69.7	55.9	<2
	3/5/19		<5	<5	39.6	29.5	<2
	3/29/19		<5	<5	45.3	31.5	<2
	6/29/20		<1	<1	146	60.4	<1
	9/25/20		<5	<5	145	55.2	<2
	9/25/20 Dup		<5	<5	147	56.7	<2
	12/4/20		<5	<5	130	44.0	<2
3/5/21	<5	<5	148	51.9	<2		
MW-23	10/3/14	10-20'	<5	<5	119	278	<2
	10/8/15		<5	<5	153	354	<2
	9/2/16		<5	<5	156	323	<2
	8/21/17		<5	<5	115	234	<2
	3/11/19		<5	<5	15.7	21.9	<2
	6/29/20		<1	<1	122	269	<1
	9/25/20		<5	<5	70.1	101	<2
	12/4/20		<5	<5	33.3	74.9	<2
3/5/21	<5	<5	31.8	54.6	<2		
MW-30	9/2/16	4-14'	<5	<5	695	386	<2
	8/22/17		<5	<5	475	253	<2
	6/15/18		<5	<5	520	283	<2
	2/8/19		<5	<5	171	173	<2
	3/11/19		<5	<5	293	163	<2
	3/29/19		<5	<5	444	159	<2
	6/29/20		<1	<1	623	234	<1
	9/25/20		<5	<5	66.5	25.9	<2
	12/4/20		<5	<5	643	235	<2
	12/4/20 Dup		<5	<5	615	239	<2
	3/5/21		<5	<5	586	271	<2
3/5/21 Dup	<5	<5	602	272	<2		

Table 2
Groundwater cVOC Analytical Results (ug/L)
Reed Manufacturing Services
1056 Eastview Drive
Franklin, Indiana
IDEM State Cleanup # 2013-42015

Sample Location	Sample Date	Sample Depth (feet bgs)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
Off-Site Wells (Hurricane Road Industrial Development / Former Houghland Tomato Cannery)							
MW-31	8/22/17	25-30'	<5	<5	5.7	<5	<2
	6/15/18		<5	<5	<5	<5	<2
	2/8/19		5.4	<5	<5	<5	<2
	2/8/19 Dup		<5	<5	<5	<5	<2
	3/11/19		<5	<5	<5	<5	<2
	3/11/19 Dup		<5	<5	<5	<5	<2
	3/29/19		<5	<5	<5	<5	<2
	3/29/19 Dup		<5	<5	<5	<5	<2
	6/29/20		2.7	<1	<1	<1	<1
	9/25/20		<5	<5	<5	<5	<2
	12/4/20		<5	<5	<5	<5	<2
	3/5/21		<5	<5	<5	<5	<2
IDEM RCG Residential Tap Screening Level ⁽¹⁾			70	100	5	5	2
IDEM RCG Commercial Vapor Exposure Screening Level ⁽¹⁾			NA	NA	470	38	35

Samples analyzed using Environmental Protection Agency (EPA) Method 8260

ug/L = micrograms per liter

bgs = below ground surface

NA = Not Available

ND = Not Detected

cVOCs = Chlorinated Volatile Organic Compounds

⁽¹⁾ Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) 2012, with updates through 2021.

Off-Site sample results prior to 2020 collected by Patriot Engineering and Environmental, Inc for the Hurricane Road Industrial Development / Former Houghland Cannery property (State Cleanup #201334567)

Bold	- Exceeds IDEM RCG Residential Tap Screening Level
Bold	- Exceeds IDEM RCG Commercial Vapor Exposure Screening Level

**Table 3
Groundwater Field Parameter Summary
Reed Manufacturing Services
Franklin, IN
IDEM State Cleanup # 2013-42015**

Well ID	Date Sampled	Temperature (degrees C)	pH	Oxygen Reduction Potential (mV)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Manganese (mg/L)	
On-Site Monitoring Wells									
MW-3	10/03/14	16.14	6.93	-6	1.60	18.0	4.58	-	
	10/09/15	16.26	6.95	194	0.631	61.3	5.27	-	
	01/27/16	12.65	6.98	197	0.671	99.6	0.79	-	
	08/31/16	17.19	7.04	134	0.600	7.4	4.32	-	
	03/06/19	11.16	6.99	108	0.598	1.6	5.53	-	
	06/30/20	15.41	6.93	121	0.72	17.3	5.87	2.5	
	09/24/20	16.89	6.53	124	0.36	8.5	3.81	1.9	
	12/03/20	14.84	6.93	87	0.72	0.0	1.04	0.0	
	03/04/21	14.94	6.83	80	0.68	76.3	1.53	0.6	
MW-5	10/09/15	16.72	6.96	88	0.803	30.7	3.24	-	
	01/27/16	12.01	7.02	211	0.967	50.2	0.00	-	
	08/31/16	16.13	7.02	120	0.717	9.0	0.68	-	
	03/06/19	11.35	6.96	112	0.588	9.7	1.12	-	
	06/30/20	15.27	7.00	104	0.69	25.5	2.59	7.1	
	09/24/20	17.94	6.95	115	0.20	20.5	0.76	0.0	
	12/03/20	14.88	7.07	90	0.94	0.0	1.11	0.0	
	03/04/21	12.82	6.77	90	0.90	102	2.05	0.2	
MW-7	10/09/15	15.90	6.91	94	0.672	20.5	3.55	-	
	01/27/16	11.55	6.92	217	0.695	1.80	1.65	-	
	08/31/16	16.64	7.00	131	0.613	0.90	2.60	-	
	03/06/19	12.49	6.92	136	0.590	0.0	2.41	-	
	06/30/20	18.99	6.92	99	0.760	5.9	1.80	1.0	
	09/25/20	DRY							
	12/03/20	Insufficient Volume of Water In Well for Field Parameters							
	03/04/21	14.15	7.10	92	0.742	1,290	7.27	9.2	
Off-Site Monitoring Wells									
MW-11	10/02/14	16.75	6.60	290	1.88	0.0	13.11	-	
	10/08/15	17.60	6.82	174	0.786	0.0	2.70	-	
	06/30/20	15.74	7.03	131	0.780	571	5.31	5.8	
	09/25/20	17.70	6.92	199	0.430	5.6	0.70	0.8	
	12/04/20	14.20	7.15	154	NA*	0.0	0.15	0.0	
	03/05/21	11.24	6.76	185	0.920	113	3.26	0.0	
MW-23	10/03/14	16.46	6.88	114	0.828	1.3	1.44	-	
	10/08/15	17.99	6.82	183	0.680	9.3	4.13	-	
	06/30/20	20.08	6.98	69	0.64	121	5.02	1.5	
	09/25/20	27.32	6.85	44	0.60	269	3.79	2.4	
	12/04/20	12.49	7.01	44	NA*	61.5	0.68	0.0	
	03/05/21	12.16	6.72	91	0.72	1,306	2.77	2.3	
MW-30	06/30/20	18.57	7.05	97	0.76	1,139	3.20	1.7	
	09/25/20	21.49	6.84	41	1.07	51.4	2.59	0.9	
	12/04/20	14.14	6.85	146	NA*	14.5	0.12	0.0	
	03/05/21	11.98	6.51	180	1.42	158	1.37	0.0	
MW-31	06/30/20	23.96	7.52	-135	0.60	98.2	0.72	1.6	
	09/25/20	22.05	7.43	-116	0.55	87.1	1.21	0.5	
	12/04/20	12.97	7.50	-84	NA*	108	0.22	0.0	
	03/05/21	13.05	7.11	99	0.66	377	0.83	0.0	

mS/cm = micro-Seimens per centimeter

NTU = nephelometric turbidity units

C = Celsius

mg/L = milligrams per liter

mV = millivolts

NA = Not Available

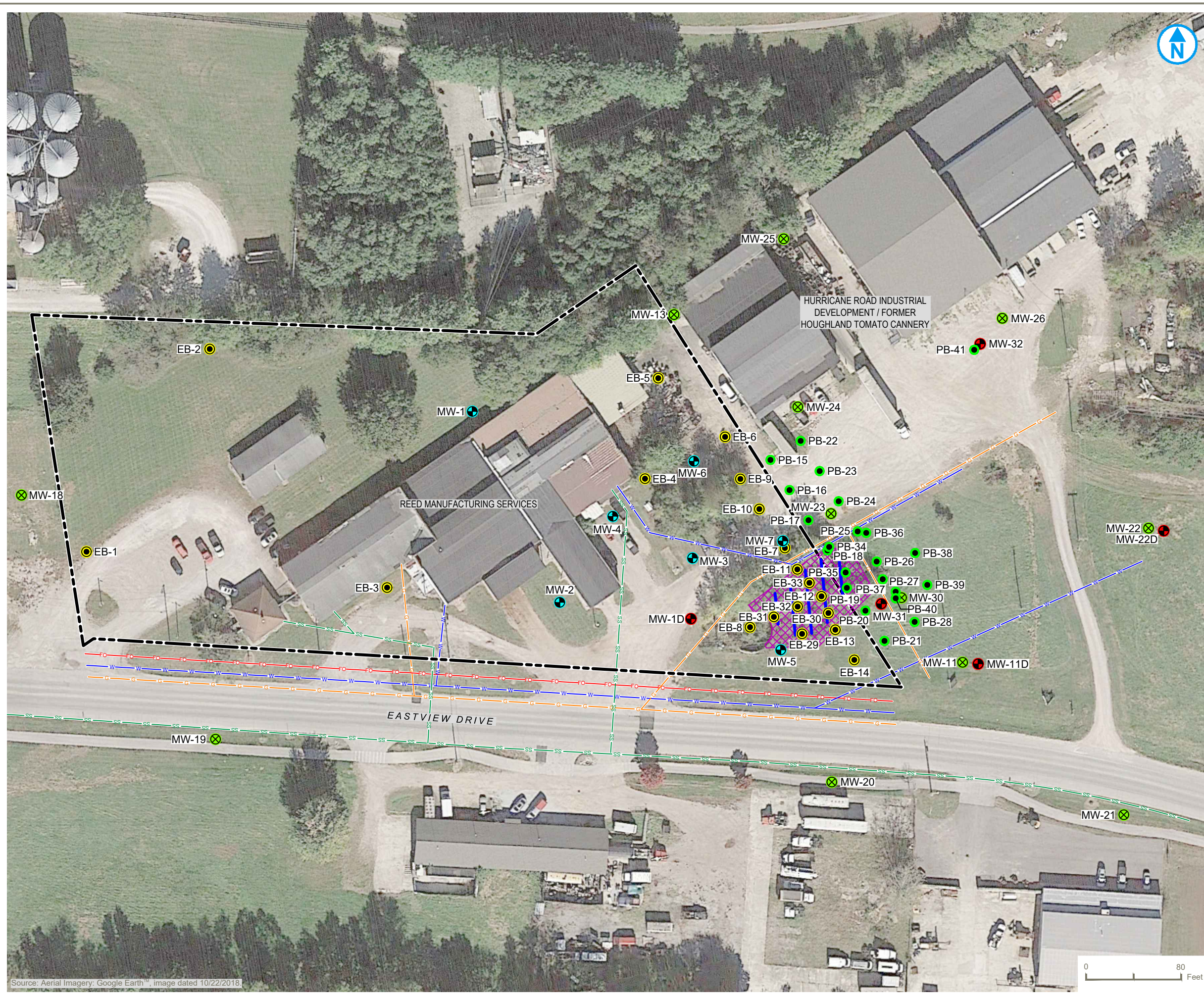
- = Unable to take readings due to a lack of volume

* = measurement not available due to specific conductivity probe malfunction

Manganese concentrations measured using a HACH high range pocket colorimeter II field kit

**Remedial Progress Report
Reed Manufacturing Services – Franklin, IN
State Cleanup Site # 2013-42015**

FIGURES



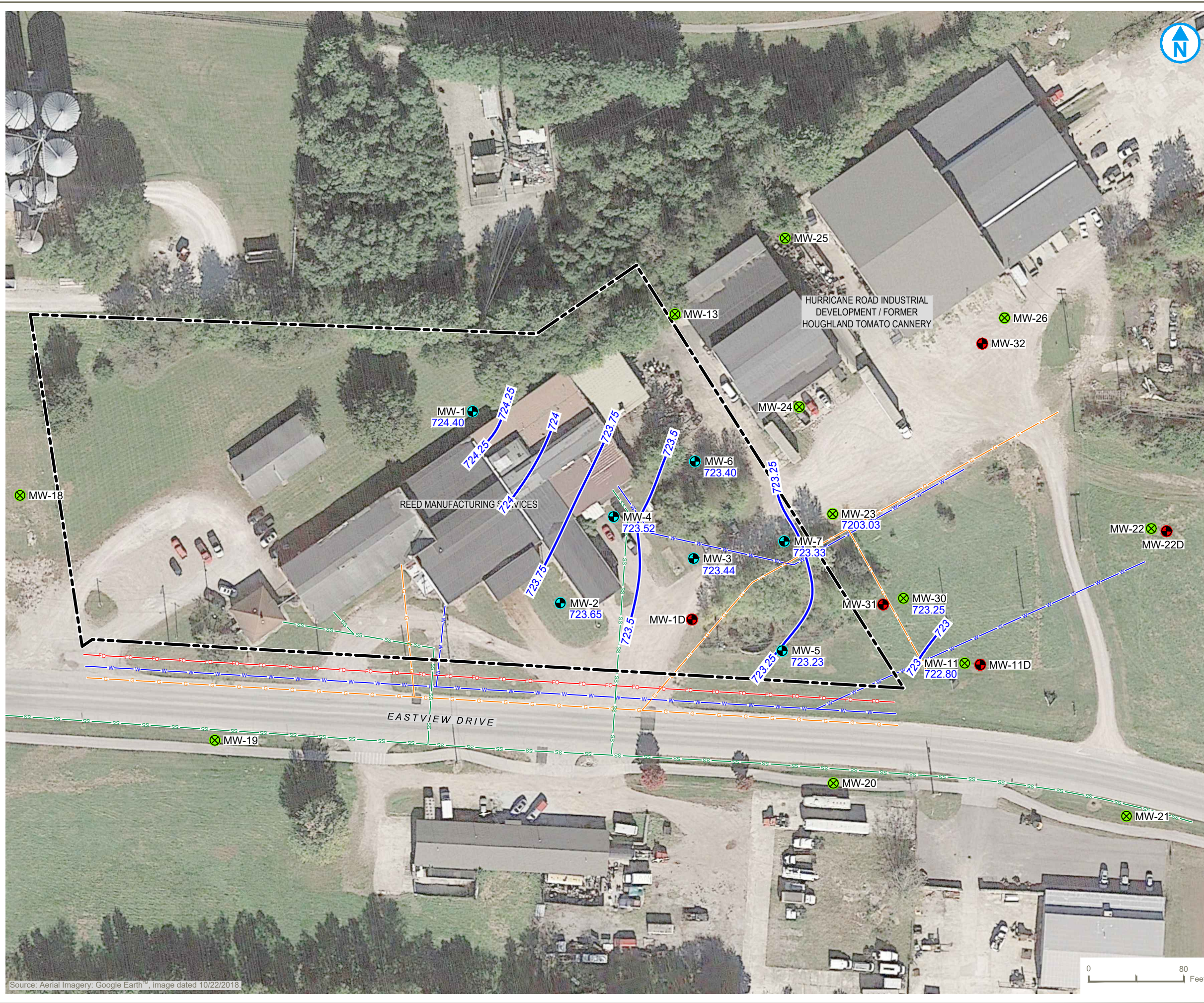
- LEGEND**
- PROPERTY BOUNDARY (APPROXIMATE)
 - SOIL BORING LOCATION
 - ⊕ MONITORING WELL LOCATION
 - ⊕ DEEP MONITORING WELL LOCATION
 - ⊗ HURRICANE ROAD INDUSTRIAL DEVELOPMENT / FORMER HOUGHLAND TOMATO CANNERY MONITORING WELL LOCATION
 - HURRICANE ROAD INDUSTRIAL DEVELOPMENT / FORMER HOUGHLAND TOMATO CANNERY SOIL BORING LOCATION
 - ▨ EXCAVATION AREA
 - GROUNDWATER REMEDIATION PVC INJECTION LINES
- UTILITIES**
- FO FIBER OPTICS
 - G GAS
 - SS SEWER
 - W WATER

SITE PLAN

REED MANUFACTURING SERVICES
 1056 EASTVIEW DRIVE
 FRANKLIN, INDIANA

FIGURE 01





LEGEND

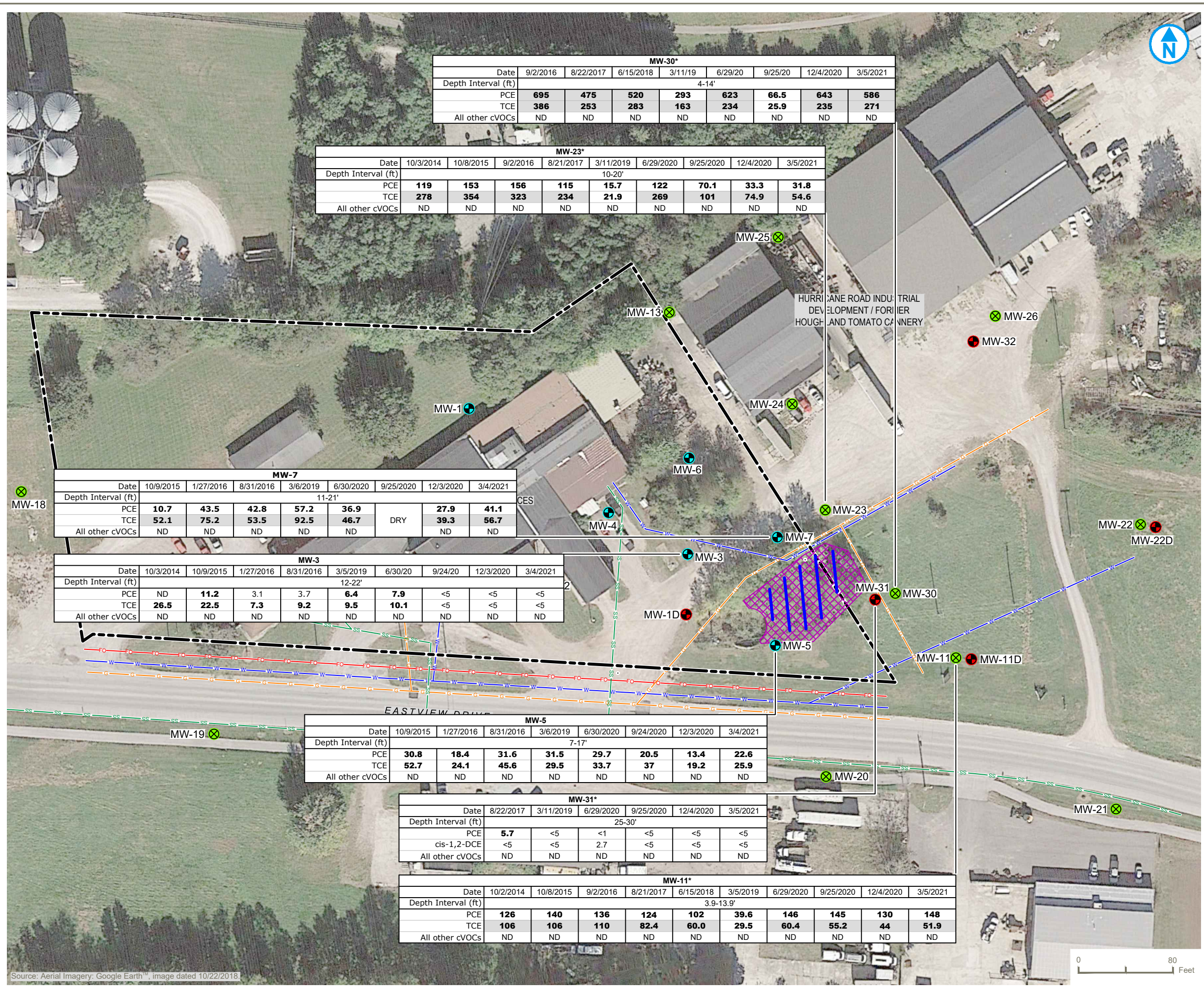
- PROPERTY BOUNDARY (APPROXIMATE)
- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- ⊗ HURRICANE ROAD INDUSTRIAL DEVELOPMENT / FORMER HOUGHLAND TOMATO CANNERY MONITORING WELL LOCATION
- GROUNDWATER CONTOUR (0.25 FT INTERVAL)
- 723.44 GROUNDWATER ELEVATION
- UTILITIES**
- FO FIBER OPTICS
- G GAS
- SS SEWER
- W WATER

Note
 Potentiometric contouring for shallow wells only.

**POTENTIOMETRIC SURFACE MAP -
 MARCH 5, 2021**

REED MANUFACTURING SERVICES
 1056 EASTVIEW DRIVE
 FRANKLIN, INDIANA

FIGURE 02



MW-30*								
Date	9/2/2016	8/22/2017	6/15/2018	3/11/19	6/29/20	9/25/20	12/4/2020	3/5/2021
Depth Interval (ft)	4-14'							
PCE	695	475	520	293	623	66.5	643	586
TCE	386	253	283	163	234	25.9	235	271
All other cVOCs	ND	ND	ND	ND	ND	ND	ND	ND

MW-23*									
Date	10/3/2014	10/8/2015	9/2/2016	8/21/2017	3/11/2019	6/29/2020	9/25/2020	12/4/2020	3/5/2021
Depth Interval (ft)	10-20'								
PCE	119	153	156	115	15.7	122	70.1	33.3	31.8
TCE	278	354	323	234	21.9	269	101	74.9	54.6
All other cVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-7								
Date	10/9/2015	1/27/2016	8/31/2016	3/6/2019	6/30/2020	9/25/2020	12/3/2020	3/4/2021
Depth Interval (ft)	11-21'							
PCE	10.7	43.5	42.8	57.2	36.9	27.9	41.1	
TCE	52.1	75.2	53.5	92.5	46.7	DRY	39.3	56.7
All other cVOCs	ND	ND	ND	ND	ND	ND	ND	ND

MW-3									
Date	10/3/2014	10/9/2015	1/27/2016	8/31/2016	3/5/2019	6/30/20	9/24/20	12/3/2020	3/4/2021
Depth Interval (ft)	12-22'								
PCE	ND	11.2	3.1	3.7	6.4	7.9	<5	<5	<5
TCE	26.5	22.5	7.3	9.2	9.5	10.1	<5	<5	<5
All other cVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-5								
Date	10/9/2015	1/27/2016	8/31/2016	3/6/2019	6/30/2020	9/24/2020	12/3/2020	3/4/2021
Depth Interval (ft)	7-17'							
PCE	30.8	18.4	31.6	31.5	29.7	20.5	13.4	22.6
TCE	52.7	24.1	45.6	29.5	33.7	37	19.2	25.9
All other cVOCs	ND	ND	ND	ND	ND	ND	ND	ND

MW-31*						
Date	8/22/2017	3/11/2019	6/29/2020	9/25/2020	12/4/2020	3/5/2021
Depth Interval (ft)	25-30'					
PCE	5.7	<5	<1	<5	<5	<5
cis-1,2-DCE	<5	<5	2.7	<5	<5	<5
All other cVOCs	ND	ND	ND	ND	ND	ND

MW-11*										
Date	10/2/2014	10/8/2015	9/2/2016	8/21/2017	6/15/2018	3/5/2019	6/29/2020	9/25/2020	12/4/2020	3/5/2021
Depth Interval (ft)	3.9-13.9'									
PCE	126	140	136	124	102	39.6	146	145	130	148
TCE	106	106	110	82.4	60.0	29.5	60.4	55.2	44	51.9
All other cVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

LEGEND

- PROPERTY BOUNDARY (APPROXIMATE)
- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- ⊗ HURRICANE ROAD INDUSTRIAL DEVELOPMENT / FORMER HOUGHLAND TOMATO CANNERY MONITORING WELL LOCATION
- ▨ EXCAVATION AREA
- GROUNDWATER REMEDIATION PVC INJECTION LINES

UTILITIES

- FO FIBER OPTICS
- G GAS
- SS SEWER
- W WATER

Compound	RSL	CVESL
cis-1,2-DCE	70	NA
PCE	5	470
TCE	5	38

Notes

All results reported in micrograms per liter (µg/L).
 Groundwater remedy conducted from March 3-5, 2020.

NA = Not Available
 ND = Not Detected
 cis-1,2-DCE = cis-1,2-dichloroethene
 PCE = Tetrachloroethene
 TCE = Trichloroethene
 cVOCs = Chlorinated Volatile Organic Compounds
 CVESL = Commercial Vapor Exposure Screening Level
 IDEM = Indiana Department of Environmental Management
 RCG = Remediation Closure Guide
 * = Sample collected by Patriot Engineering and Environmental, Inc. before 2020.

BOLD = Concentration exceeds IDEM RCG Residential Tap Screening Level (RSL) (IDEM, 2012 with updates through 2021)
BOLD = Exceeds IDEM RCG Commercial Vapor Exposure Screening Level (shallow groundwater)

GROUNDWATER ANALYTICAL RESULTS MAP (µg/L)

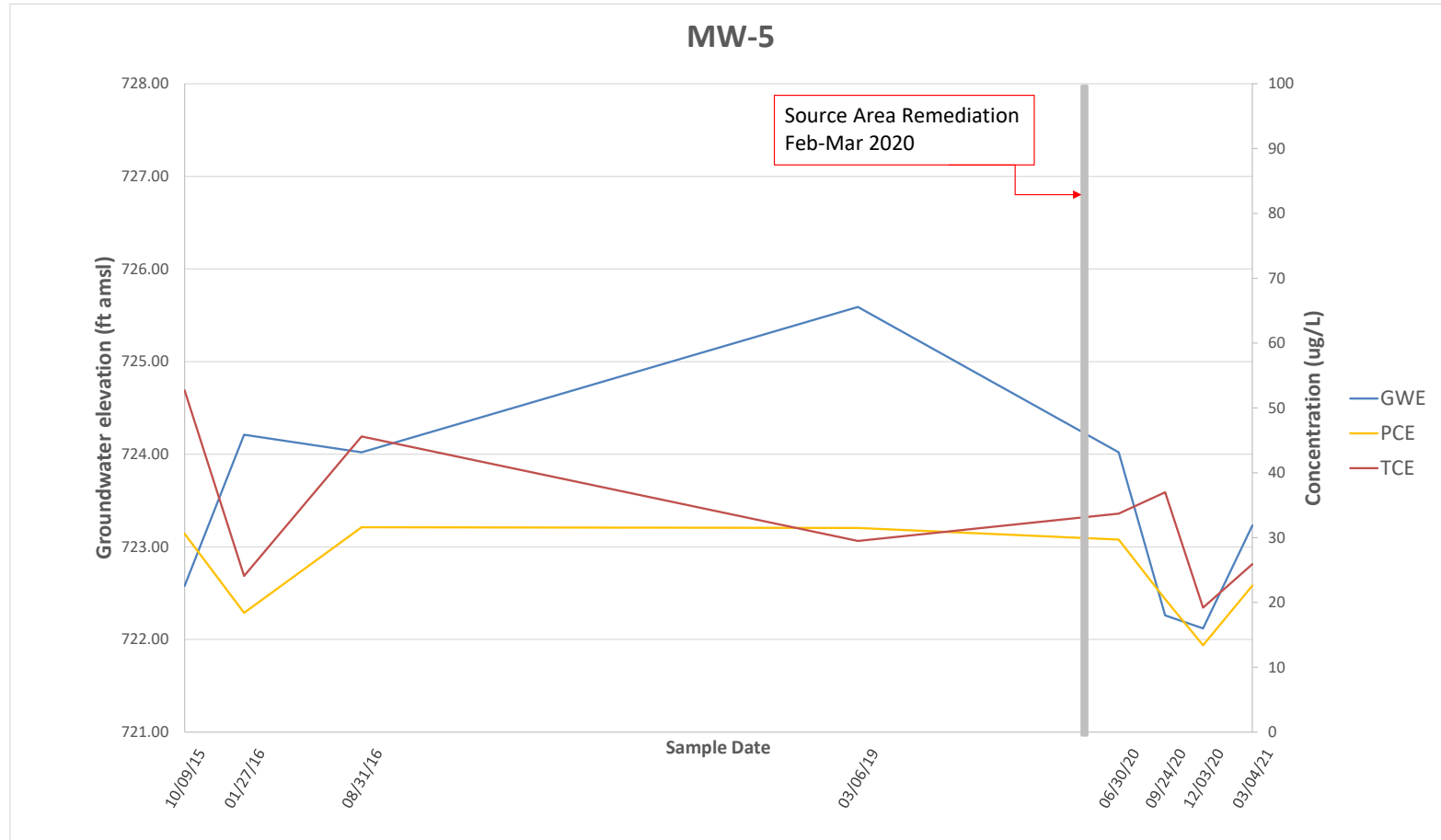
REED MANUFACTURING SERVICES
 1056 EASTVIEW DRIVE
 FRANKLIN, INDIANA

FIGURE 03



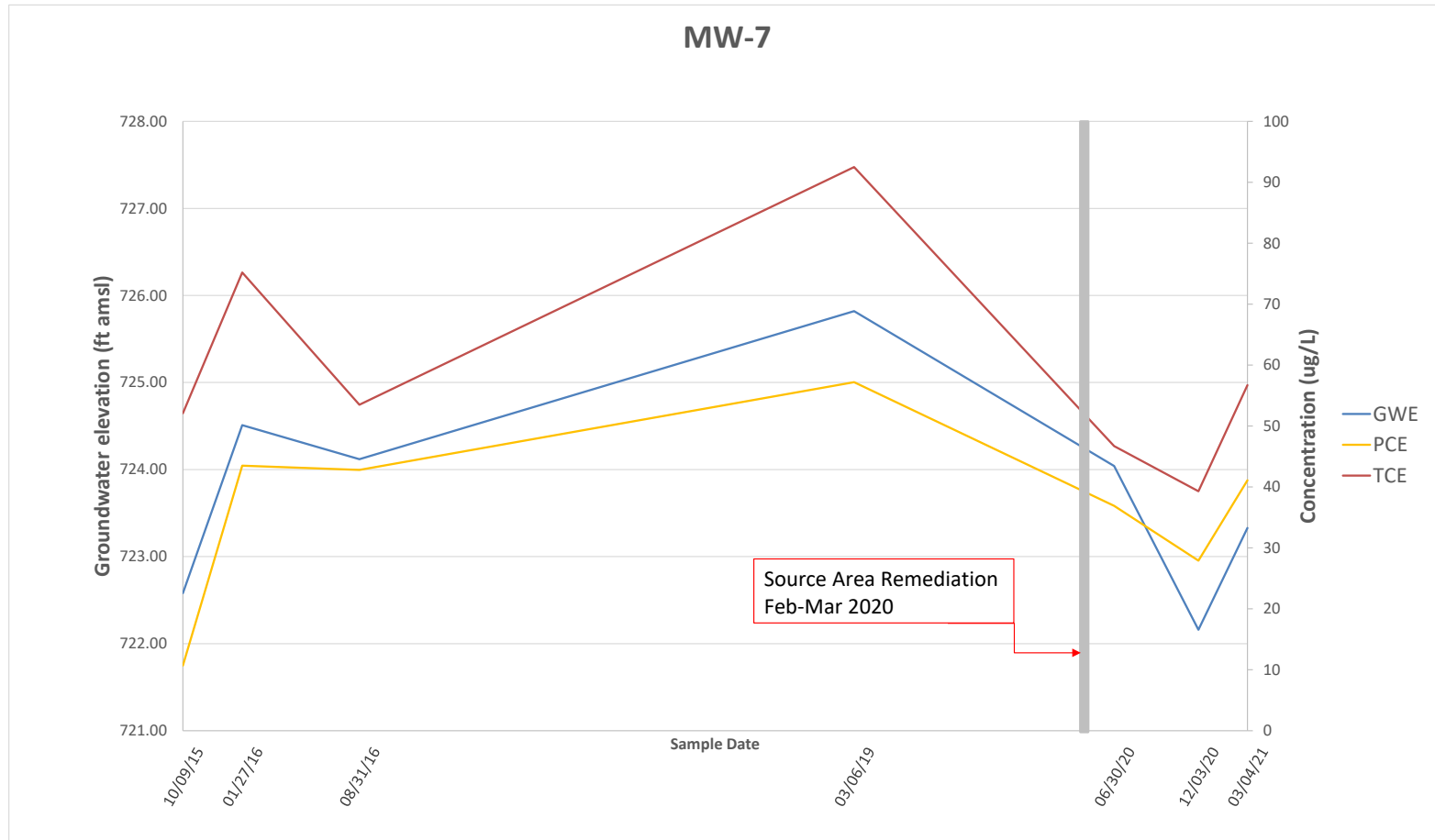
Source: Aerial Imagery: Google Earth™ image dated 10/22/2018

Figure 4
PCE and TCE Concentration Trends with Groundwater Elevations
Reed Manufacturing Services
Franklin, Indiana
IDEM State Cleanup # 2013-42015



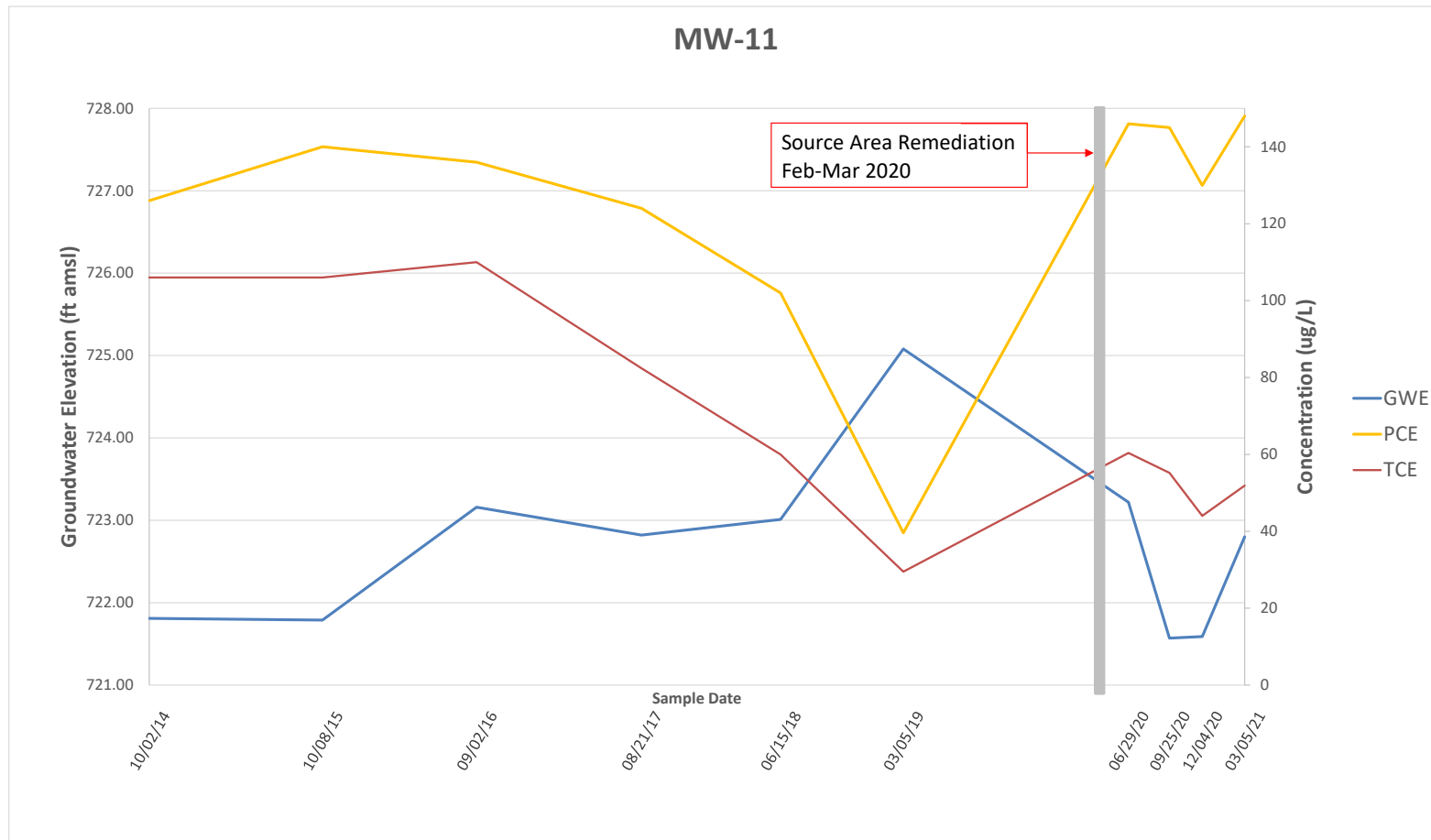
Notes:
 GWE - Groundwater Elevation
 PCE - Tetrachloroethene (ug/L)
 TCE - Trichloroethene (ug/L)

Figure 4
PCE and TCE Concentration Trends with Groundwater Elevations
Reed Manufacturing Services
Franklin, Indiana
IDEM State Cleanup # 2013-42015



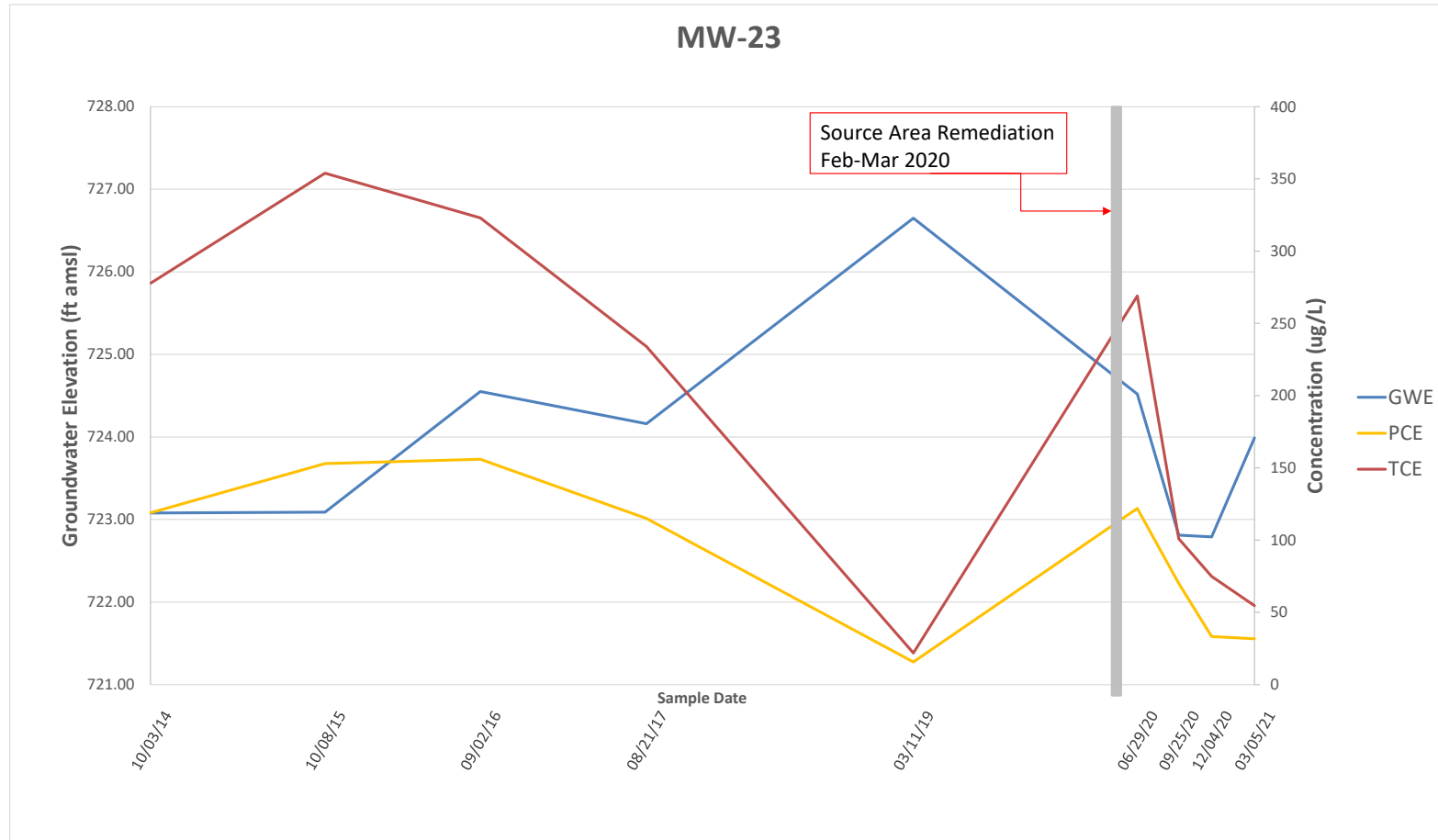
Notes:
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Figure 4
PCE and TCE Concentration Trends with Groundwater Elevations
Reed Manufacturing Services
Franklin, Indiana
IDEM State Cleanup # 2013-42015



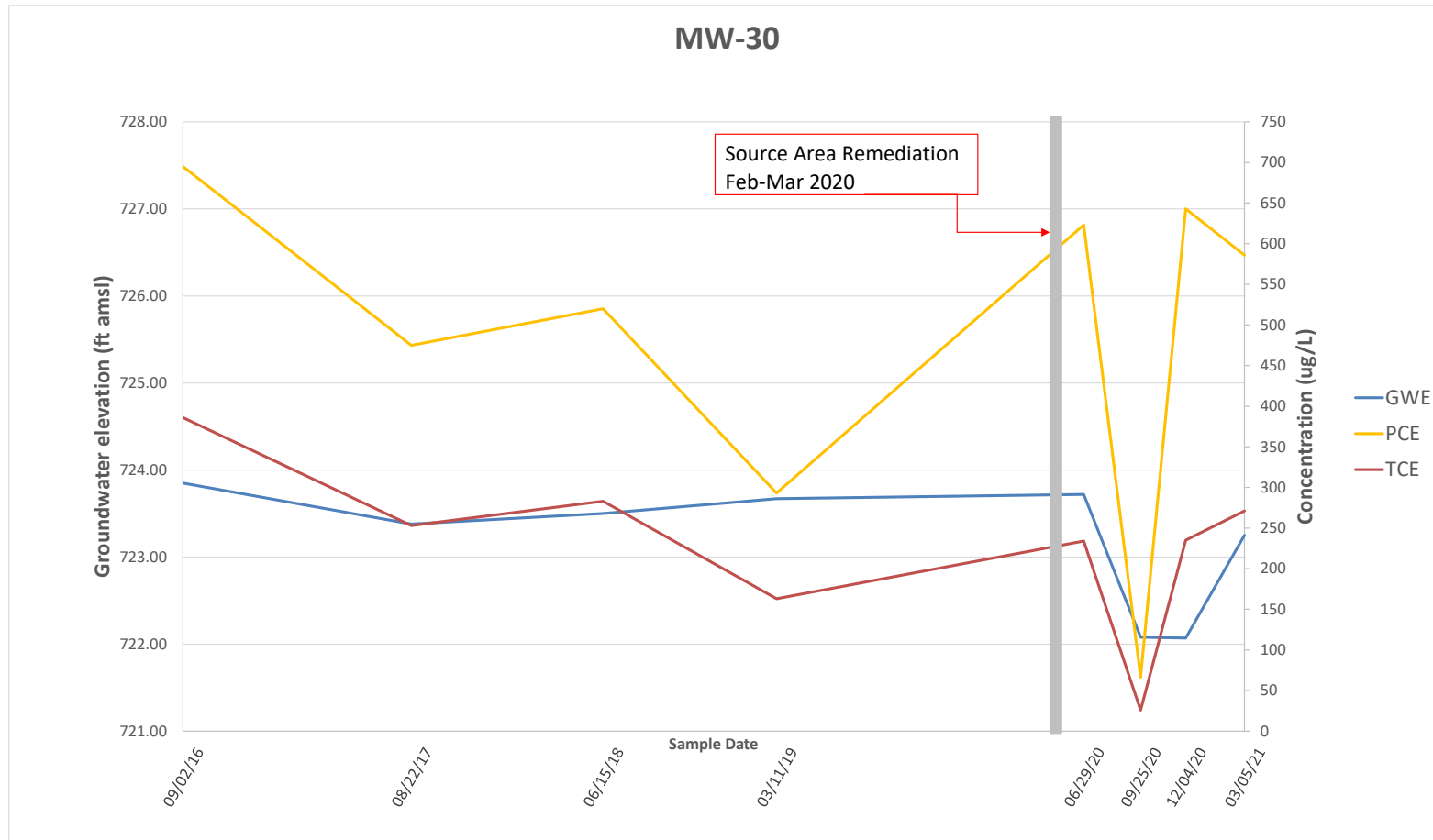
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Figure 4
PCE and TCE Concentration Trends with Groundwater Elevations
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Notes:
 GWE - Groundwater Elevation
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Figure 4
PCE and TCE Concentration Trends with Groundwater Elevations
Reed Manufacturing Services
Franklin, Indiana
IDEM State Cleanup # 2013-42015



Notes:
 GWE - Groundwater Elevation
 PCE - Tetrachloroethene (ug/L)
 TCE - Trichloroethene (ug/L)

**Remedial Progress Report
Reed Manufacturing Services – Franklin, IN
State Cleanup Site # 2013-42015**

APPENDIX A

GROUNDWATER MONITORING FIELD DATA FORMS

Low-Flow Test Report:

Test Date / Time: 3/4/2021 10:57:07 AM

Project: Reed Manufacturing

Operator Name: AD

Location Name: MW-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12 ft Total Depth: 21.41 ft Initial Depth to Water: 16.2 ft	Pump Type: Bladde4 Tubing Type: Bonded LDPE Pump Intake From TOC: 18.79 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 600 Serial Number: 651965
---	---	--

Test Notes:

Purge began at 1041

Purge water clear with fine turbid particles

12/3 recharge

15psi

Sample time 1120

Weather Conditions:

Sunny, wind, 37°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10	+/- 0.5	
3/4/2021 10:57 AM	00:00	6.74 pH	14.58 °C	0.68 mS/cm	1.61 mg/L	143.06 NTU	98.9 mV	16.20 ft	200.00 ml/min
3/4/2021 11:00 AM	03:00	6.77 pH	14.63 °C	0.68 mS/cm	1.58 mg/L	96.06 NTU	87.3 mV	16.20 ft	200.00 ml/min
3/4/2021 11:03 AM	06:00	6.79 pH	14.72 °C	0.68 mS/cm	1.57 mg/L	106.07 NTU	83.8 mV	16.20 ft	200.00 ml/min
3/4/2021 11:06 AM	09:00	6.80 pH	14.80 °C	0.68 mS/cm	1.55 mg/L	81.05 NTU	82.5 mV	16.20 ft	200.00 ml/min
3/4/2021 11:09 AM	12:00	6.82 pH	14.82 °C	0.68 mS/cm	1.54 mg/L	67.39 NTU	74.8 mV	16.20 ft	200.00 ml/min
3/4/2021 11:12 AM	15:00	6.83 pH	14.94 °C	0.68 mS/cm	1.53 mg/L	76.28 NTU	79.9 mV	16.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-3	VOCs 3 40ml VOAs hcl Field Mn = 0.6 mg/L

Low-Flow Test Report:

Test Date / Time: 3/4/2021 12:30:45 PM

Project: Reed Manufacturing

Operator Name: AD

Location Name: MW-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 7 ft Total Depth: 16.51 ft Initial Depth to Water: 10.11 ft	Pump Type: Bladder Tubing Type: Bonded LDPE Pump Intake From TOC: 13.31 ft Estimated Total Volume Pumped: 6750 ml Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 600 Serial Number: 651965
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Test Notes:

Purge began at 1203

Purge water very turbid orange-brown, let purge to clear

10.5/4.5 recharge

15psi

Sample time 1304

Weather Conditions:

Sunny, wind, 43°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10	+/- 0.5	
3/4/2021 12:30 PM	00:00	7.41 pH	14.96 °C	0.87 mS/cm	4.67 mg/L	211.03 NTU	103.3 mV	10.11 ft	250.00 ml/min
3/4/2021 12:33 PM	03:00	6.94 pH	13.05 °C	0.90 mS/cm	2.14 mg/L	363.76 NTU	85.7 mV	10.11 ft	250.00 ml/min
3/4/2021 12:36 PM	06:00	6.94 pH	13.01 °C	0.90 mS/cm	2.04 mg/L	293.20 NTU	83.4 mV	10.11 ft	250.00 ml/min
3/4/2021 12:39 PM	09:00	6.93 pH	13.01 °C	0.91 mS/cm	2.03 mg/L	258.67 NTU	83.7 mV	10.11 ft	250.00 ml/min
3/4/2021 12:42 PM	12:00	6.89 pH	12.97 °C	0.91 mS/cm	2.22 mg/L	276.82 NTU	85.2 mV	10.11 ft	250.00 ml/min
3/4/2021 12:45 PM	15:00	6.84 pH	12.91 °C	0.90 mS/cm	2.04 mg/L	211.00 NTU	89.3 mV	10.11 ft	250.00 ml/min
3/4/2021 12:48 PM	18:00	6.80 pH	12.88 °C	0.90 mS/cm	2.05 mg/L	129.74 NTU	89.9 mV	10.11 ft	250.00 ml/min
3/4/2021 12:51 PM	21:00	6.79 pH	12.79 °C	0.90 mS/cm	2.05 mg/L	108.42 NTU	89.6 mV	10.11 ft	250.00 ml/min
3/4/2021 12:54 PM	24:00	6.77 pH	12.80 °C	0.91 mS/cm	2.06 mg/L	105.90 NTU	89.9 mV	10.11 ft	250.00 ml/min
3/4/2021 12:57 PM	27:00	6.77 pH	12.82 °C	0.90 mS/cm	2.05 mg/L	101.57 NTU	89.5 mV	10.11 ft	250.00 ml/min

Samples

Sample ID:	Description:
MW-5	VOCs 3 40ml VOAs hcl Field Mn = 0.2 mg/L

Report Properties

Start Time = 2021-03-04 13:34:38

Time Offset = -05:00:00

Readings = 1

Date Time	Location Name	Latitude (°)	Longitude (°)	Device SN	pH (pH) (612461)	Temperature (°C) (651965)	RDO Concentration (mg/L) (648647)	Turbidity (NTU) (628462)	Specific Conductivity
2021-03-04 13:34:38	Device Location	39.49392116	-86.03919608	Aqua TROLL 600 651965	7.097416	14.15095	7.278943	1290.421	0.7423414

Low-Flow Test Report:

Test Date / Time: 3/5/2021 11:58:08 AM

Project: Reed Manufacturing

Operator Name: AD

Location Name: MW-11 (Patriot) Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 3.85 ft Total Depth: 13.64 ft Initial Depth to Water: 8.86 ft	Pump Type: Bladder Tubing Type: Bonded LDPE Pump Intake From TOC: 11.23 ft Estimated Total Volume Pumped: 2400 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 600 Serial Number: 651965
--	---	--

Test Notes:

Purge began at 1145

Purge water clear

12.5/2.5 recharge

15psi

Sample time 1227

Weather Conditions:

Sunny, light wind, 37°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10	+/- 0.5	
3/5/2021 11:58 AM	00:00	6.90 pH	11.40 °C	0.91 mS/cm	4.77 mg/L	297.55 NTU	173.4 mV	8.86 ft	100.00 ml/min
3/5/2021 12:01 PM	03:00	6.89 pH	11.34 °C	0.91 mS/cm	4.32 mg/L	233.80 NTU	175.9 mV	8.86 ft	100.00 ml/min
3/5/2021 12:04 PM	06:00	6.86 pH	11.16 °C	0.92 mS/cm	4.02 mg/L	237.41 NTU	178.2 mV	8.86 ft	100.00 ml/min
3/5/2021 12:07 PM	09:00	6.83 pH	11.23 °C	0.92 mS/cm	3.84 mg/L	176.52 NTU	179.6 mV	8.86 ft	100.00 ml/min
3/5/2021 12:10 PM	12:00	6.81 pH	11.24 °C	0.93 mS/cm	3.61 mg/L	172.11 NTU	181.8 mV	8.86 ft	100.00 ml/min
3/5/2021 12:13 PM	15:00	6.79 pH	11.35 °C	0.93 mS/cm	3.42 mg/L	139.74 NTU	183.3 mV	8.86 ft	100.00 ml/min
3/5/2021 12:16 PM	18:00	6.77 pH	11.38 °C	0.93 mS/cm	3.40 mg/L	124.47 NTU	184.0 mV	8.86 ft	100.00 ml/min
3/5/2021 12:19 PM	21:00	6.76 pH	11.35 °C	0.93 mS/cm	3.20 mg/L	107.59 NTU	184.8 mV	8.86 ft	100.00 ml/min
3/5/2021 12:22 PM	24:00	6.76 pH	11.24 °C	0.92 mS/cm	3.26 mg/L	113.12 NTU	185.1 mV	8.86 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-11	VOCs 3 40ml VOAs hcl Field Mn = 0.0 mg/L

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/5/2021 3:37:06 PM

Project: Reed Manufacturing

Operator Name: AD

Location Name: MW-23 (Patriot) Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10 ft Total Depth: 27.47 ft Initial Depth to Water: 16.52 ft	Pump Type: Bladder Tubing Type: Bonded LDPE Pump Intake From TOC: 21.97 ft Estimated Total Volume Pumped: 1350 ml Flow Cell Volume: 130 ml Final Flow Rate: 50 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 600 Serial Number: 651965
---	--	--

Test Notes:

Purge began at 1507

Purge water very cloudy brown with fine turbid particles

14/1 recharge

15psi

Sample time 1610

Weather Conditions:

Sunny, light wind, 45°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10	+/- 0.5	
3/5/2021 3:37 PM	00:00	6.85 pH	12.89 °C	0.72 mS/cm	3.12 mg/L	3,212.0 NTU	82.9 mV	16.52 ft	50.00 ml/min
3/5/2021 3:40 PM	03:00	6.84 pH	12.39 °C	0.72 mS/cm	2.92 mg/L	2,756.3 NTU	83.7 mV	16.52 ft	50.00 ml/min
3/5/2021 3:43 PM	06:00	6.83 pH	12.26 °C	0.72 mS/cm	2.90 mg/L	2,621.3 NTU	85.2 mV	16.52 ft	50.00 ml/min
3/5/2021 3:46 PM	09:00	6.81 pH	12.17 °C	0.72 mS/cm	2.86 mg/L	2,087.7 NTU	86.2 mV	16.52 ft	50.00 ml/min
3/5/2021 3:49 PM	12:00	6.79 pH	12.19 °C	0.72 mS/cm	2.81 mg/L	2,065.8 NTU	88.1 mV	16.52 ft	50.00 ml/min
3/5/2021 3:52 PM	15:00	6.77 pH	12.06 °C	0.72 mS/cm	2.82 mg/L	1,816.9 NTU	88.8 mV	16.52 ft	50.00 ml/min
3/5/2021 3:55 PM	18:00	6.75 pH	12.09 °C	0.72 mS/cm	2.81 mg/L	1,766.1 NTU	89.7 mV	16.52 ft	50.00 ml/min
3/5/2021 3:58 PM	21:00	6.74 pH	12.08 °C	0.72 mS/cm	2.83 mg/L	1,422.2 NTU	90.3 mV	16.52 ft	50.00 ml/min
3/5/2021 4:01 PM	24:00	6.73 pH	12.13 °C	0.72 mS/cm	2.80 mg/L	1,390.8 NTU	90.8 mV	16.52 ft	50.00 ml/min
3/5/2021 4:04 PM	27:00	6.72 pH	12.16 °C	0.72 mS/cm	2.77 mg/L	1,305.7 NTU	91.4 mV	16.52 ft	50.00 ml/min

Samples

Sample ID:	Description:
MW-23	VOCs 9 40ml VOAs hcl ms/msd Field Mn = 2.3 mg/L

Low-Flow Test Report:

Test Date / Time: 3/5/2021 1:17:15 PM

Project: Reed Manufacturing

Operator Name: AD

Location Name: MW-30 (Patriot) Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 4 ft Total Depth: 14.17 ft Initial Depth to Water: 10.85 ft	Pump Type: Bladder Tubing Type: Bonded LDPE Pump Intake From TOC: 13.97 ft Estimated Total Volume Pumped: 1650 ml Flow Cell Volume: 130 ml Final Flow Rate: 50 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 600 Serial Number: 651965
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Test Notes:

Purge began at 1248

Purge water very turbid orange-brown, let purge to clear

13.5/1.5 recharge

15psi

Sample time 1355

Weather Conditions:

Sunny, light wind, 39°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10	+/- 0.5	
3/5/2021 1:17 PM	00:00	6.75 pH	12.33 °C	1.42 mS/cm	1.42 mg/L	444.09 NTU	165.4 mV	10.85 ft	50.00 ml/min
3/5/2021 1:20 PM	03:00	6.72 pH	12.35 °C	1.42 mS/cm	1.27 mg/L	369.25 NTU	167.9 mV	10.85 ft	50.00 ml/min
3/5/2021 1:23 PM	06:00	6.68 pH	12.17 °C	1.42 mS/cm	1.26 mg/L	359.72 NTU	169.9 mV	10.85 ft	50.00 ml/min
3/5/2021 1:26 PM	09:00	6.64 pH	12.17 °C	1.43 mS/cm	1.30 mg/L	273.07 NTU	172.1 mV	10.85 ft	50.00 ml/min
3/5/2021 1:29 PM	12:00	6.62 pH	12.13 °C	1.42 mS/cm	1.37 mg/L	228.23 NTU	173.9 mV	10.85 ft	50.00 ml/min
3/5/2021 1:32 PM	15:00	6.59 pH	12.10 °C	1.42 mS/cm	1.38 mg/L	252.97 NTU	175.8 mV	10.85 ft	50.00 ml/min
3/5/2021 1:35 PM	18:00	6.58 pH	12.06 °C	1.42 mS/cm	1.37 mg/L	228.62 NTU	177.1 mV	10.85 ft	50.00 ml/min
3/5/2021 1:38 PM	21:00	6.56 pH	12.04 °C	1.42 mS/cm	1.41 mg/L	233.09 NTU	177.7 mV	10.85 ft	50.00 ml/min
3/5/2021 1:41 PM	24:00	6.54 pH	12.06 °C	1.42 mS/cm	1.37 mg/L	163.55 NTU	178.9 mV	10.85 ft	50.00 ml/min
3/5/2021 1:44 PM	27:00	6.53 pH	12.04 °C	1.42 mS/cm	1.34 mg/L	157.36 NTU	179.6 mV	10.85 ft	50.00 ml/min
3/5/2021 1:47 PM	30:00	6.53 pH	12.03 °C	1.42 mS/cm	1.31 mg/L	117.87 NTU	180.3 mV	10.85 ft	50.00 ml/min

3/5/2021 1:50 PM	33:00	6.51 pH	11.98 °C	1.42 mS/cm	1.37 mg/L	157.77 NTU	180.4 mV	10.85 ft	50.00 ml/min
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Samples

Sample ID:	Description:
MW-30	VOCs 3 40ml VOAs hcl Field Mn = 0.0 mg/L
Dup-01	VOCs 3 40ml VOAs hcl

Low-Flow Test Report:

Test Date / Time: 3/5/2021 2:32:51 PM

Project: Reed Manufacturing

Operator Name: AD

Location Name: MW-31 (Patriot) Well Diameter: 2 in Casing Type: PVC Screen Length: 25 ft Top of Screen: 5 ft Total Depth: 29.61 ft Initial Depth to Water: 10.98 ft	Pump Type: Bladder Tubing Type: Bonded LDPE Pump Intake From TOC: 27.5 ft Estimated Total Volume Pumped: 450 ml Flow Cell Volume: 130 ml Final Flow Rate: 50 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 600 Serial Number: 651965
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Test Notes:

Purge began at 1417

Purge water clear

14/1 recharge, continuous drawdown observed

25psi

Sample time 1445

Weather Conditions:

Sunn6, light wind, 42°F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10	+/- 0.5	
3/5/2021 2:32 PM	00:00	7.13 pH	13.20 °C	0.66 mS/cm	0.76 mg/L	439.47 NTU	105.5 mV	10.98 ft	50.00 ml/min
3/5/2021 2:35 PM	03:00	7.12 pH	13.41 °C	0.66 mS/cm	0.76 mg/L	371.37 NTU	103.3 mV	11.03 ft	50.00 ml/min
3/5/2021 2:38 PM	06:00	7.12 pH	13.29 °C	0.66 mS/cm	0.82 mg/L	368.52 NTU	100.1 mV	11.07 ft	50.00 ml/min
3/5/2021 2:41 PM	09:00	7.11 pH	13.05 °C	0.66 mS/cm	0.83 mg/L	377.08 NTU	98.5 mV	11.07 ft	50.00 ml/min

Samples

Sample ID:	Description:
MW-31	VOCs 3 40ml VOAs hcl Field Mn = 0.0 mg/L

**Remedial Progress Report
Reed Manufacturing Services – Franklin, IN
State Cleanup Site # 2013-42015**

APPENDIX B

LABORATORY ANALYTICAL REPORT

March 18, 2021

Mr. Chuck Goodwin
Ramboll Environ
One Indiana Square
Suite 2335
Indianapolis, IN 46204

RE: Project: Reed Manufacturing
Pace Project No.: 50281533

Dear Mr. Goodwin:

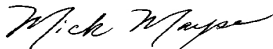
Enclosed are the analytical results for sample(s) received by the laboratory on March 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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 - Indianapolis

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

Sincerely,



Mick Mayse
mick.mayse@pacelabs.com
(317)228-3100
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Reed Manufacturing

Pace Project No.: 50281533

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Soil Permit #: P330-19-00257

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Reed Manufacturing

Pace Project No.: 50281533

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50281533001	Trip Blank	Water	03/04/21 08:00	03/05/21 17:28
50281533002	Equipment Blank	Water	03/04/21 10:03	03/05/21 17:28
50281533003	MW-3	Water	03/04/21 11:20	03/05/21 17:28
50281533004	MW-5	Water	03/04/21 13:04	03/05/21 17:28
50281533005	MW-7	Water	03/04/21 13:30	03/05/21 17:28
50281533006	MW-11	Water	03/05/21 12:27	03/05/21 17:28
50281533007	MW-23	Water	03/05/21 16:10	03/05/21 17:28
50281533008	MW-30	Water	03/05/21 13:55	03/05/21 17:28
50281533009	MW-31	Water	03/05/21 14:45	03/05/21 17:28
50281533010	Dup-01	Water	03/05/21 08:00	03/05/21 17:28

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Reed Manufacturing

Pace Project No.: 50281533

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50281533001	Trip Blank	EPA 5030/8260	ZAH	75	PASI-I
50281533002	Equipment Blank	EPA 5030/8260	ZAH	75	PASI-I
50281533003	MW-3	EPA 5030/8260	ZAH	75	PASI-I
50281533004	MW-5	EPA 5030/8260	ZAH	75	PASI-I
50281533005	MW-7	EPA 5030/8260	ZAH	75	PASI-I
50281533006	MW-11	EPA 5030/8260	ZAH	75	PASI-I
50281533007	MW-23	EPA 5030/8260	ZAH	75	PASI-I
50281533008	MW-30	EPA 5030/8260	ZAH	75	PASI-I
50281533009	MW-31	EPA 5030/8260	ZAH	75	PASI-I
50281533010	Dup-01	EPA 5030/8260	ZAH	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Reed Manufacturing

Pace Project No.: 50281533

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50281533004	MW-5					
EPA 5030/8260	Tetrachloroethene	22.6	ug/L	5.0	03/17/21 20:52	
EPA 5030/8260	Trichloroethene	25.9	ug/L	5.0	03/17/21 20:52	
50281533005	MW-7					
EPA 5030/8260	Tetrachloroethene	41.1	ug/L	5.0	03/17/21 21:23	
EPA 5030/8260	Trichloroethene	56.7	ug/L	5.0	03/17/21 21:23	
50281533006	MW-11					
EPA 5030/8260	Tetrachloroethene	148	ug/L	5.0	03/17/21 21:08	
EPA 5030/8260	Trichloroethene	51.9	ug/L	5.0	03/17/21 21:08	
50281533007	MW-23					
EPA 5030/8260	Tetrachloroethene	31.8	ug/L	5.0	03/17/21 23:15	
EPA 5030/8260	Trichloroethene	54.6	ug/L	5.0	03/17/21 23:15	
50281533008	MW-30					
EPA 5030/8260	Tetrachloroethene	586	ug/L	50.0	03/17/21 22:27	
EPA 5030/8260	Trichloroethene	271	ug/L	5.0	03/17/21 21:55	
50281533010	Dup-01					
EPA 5030/8260	Tetrachloroethene	602	ug/L	50.0	03/17/21 22:43	
EPA 5030/8260	Trichloroethene	272	ug/L	5.0	03/17/21 22:11	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Reed Manufacturing
Pace Project No.: 50281533

Method: EPA 5030/8260
Description: 8260 MSV Indiana
Client: Ramboll US Consulting
Date: March 18, 2021

General Information:

10 samples were analyzed for EPA 5030/8260 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

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

Laboratory Control Spike:

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

QC Batch: 610755

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 2815042)
- Iodomethane

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 610524

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50281577001

R1: RPD value was outside control limits.

- MSD (Lab ID: 2813918)
- Iodomethane

QC Batch: 610755

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50281533007

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MSD (Lab ID: 2815044)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Reed Manufacturing

Pace Project No.: 50281533

Method: EPA 5030/8260

Description: 8260 MSV Indiana

Client: Ramboll US Consulting

Date: March 18, 2021

QC Batch: 610755

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50281533007

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Iodomethane

R1: RPD value was outside control limits.

- MSD (Lab ID: 2815044)
- Iodomethane

Duplicate Sample:

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

Additional Comments:

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: Trip Blank Lab ID: 50281533001 Collected: 03/04/21 08:00 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.5	1		03/17/21 20:36	67-64-1	
Acrolein	ND	ug/L	50.0	7.4	1		03/17/21 20:36	107-02-8	
Acrylonitrile	ND	ug/L	100	1.2	1		03/17/21 20:36	107-13-1	
Benzene	ND	ug/L	5.0	0.31	1		03/17/21 20:36	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.42	1		03/17/21 20:36	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.42	1		03/17/21 20:36	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.29	1		03/17/21 20:36	75-27-4	
Bromoform	ND	ug/L	5.0	0.42	1		03/17/21 20:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.6	1		03/17/21 20:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.1	1		03/17/21 20:36	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 20:36	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 20:36	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 20:36	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.32	1		03/17/21 20:36	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.48	1		03/17/21 20:36	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.33	1		03/17/21 20:36	108-90-7	
Chloroethane	ND	ug/L	5.0	1.7	1		03/17/21 20:36	75-00-3	
Chloroform	ND	ug/L	5.0	0.34	1		03/17/21 20:36	67-66-3	
Chloromethane	ND	ug/L	5.0	0.48	1		03/17/21 20:36	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.31	1		03/17/21 20:36	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.33	1		03/17/21 20:36	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.34	1		03/17/21 20:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.42	1		03/17/21 20:36	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.59	1		03/17/21 20:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		03/17/21 20:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		03/17/21 20:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.36	1		03/17/21 20:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.82	1		03/17/21 20:36	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	1		03/17/21 20:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.41	1		03/17/21 20:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.41	1		03/17/21 20:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		03/17/21 20:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.46	1		03/17/21 20:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.32	1		03/17/21 20:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.35	1		03/17/21 20:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 20:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.35	1		03/17/21 20:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.47	1		03/17/21 20:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.34	1		03/17/21 20:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.27	1		03/17/21 20:36	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 20:36	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.28	1		03/17/21 20:36	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.67	1		03/17/21 20:36	87-68-3	
n-Hexane	ND	ug/L	5.0	0.30	1		03/17/21 20:36	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.4	1		03/17/21 20:36	591-78-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: Trip Blank **Lab ID: 50281533001** Collected: 03/04/21 08:00 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	2.7	1		03/17/21 20:36	74-88-4	L1
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		03/17/21 20:36	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.31	1		03/17/21 20:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.72	1		03/17/21 20:36	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.1	1		03/17/21 20:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.64	1		03/17/21 20:36	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.4	1		03/17/21 20:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 20:36	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.25	1		03/17/21 20:36	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 20:36	103-65-1	
Styrene	ND	ug/L	5.0	0.26	1		03/17/21 20:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.24	1		03/17/21 20:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.26	1		03/17/21 20:36	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.44	1		03/17/21 20:36	127-18-4	
Toluene	ND	ug/L	5.0	0.27	1		03/17/21 20:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.50	1		03/17/21 20:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.44	1		03/17/21 20:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.40	1		03/17/21 20:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		03/17/21 20:36	79-00-5	
Trichloroethene	ND	ug/L	5.0	0.46	1		03/17/21 20:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.24	1		03/17/21 20:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.0	1		03/17/21 20:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 20:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 20:36	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.60	1		03/17/21 20:36	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.28	1		03/17/21 20:36	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.68	1		03/17/21 20:36	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	100	%	75-120		1		03/17/21 20:36	1868-53-7	
4-Bromofluorobenzene (S)	101	%	85-116		1		03/17/21 20:36	460-00-4	
Toluene-d8 (S)	99	%	83-111		1		03/17/21 20:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: Equipment Blank Lab ID: 50281533002 Collected: 03/04/21 10:03 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	2.5	1		03/17/21 09:53	67-64-1	
Acrolein	ND	ug/L	50.0	2.4	1		03/17/21 09:53	107-02-8	
Acrylonitrile	ND	ug/L	100	1.6	1		03/17/21 09:53	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		03/17/21 09:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.41	1		03/17/21 09:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.64	1		03/17/21 09:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.33	1		03/17/21 09:53	75-27-4	
Bromoform	ND	ug/L	5.0	0.47	1		03/17/21 09:53	75-25-2	
Bromomethane	ND	ug/L	5.0	0.50	1		03/17/21 09:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.9	1		03/17/21 09:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 09:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 09:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.28	1		03/17/21 09:53	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.25	1		03/17/21 09:53	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.44	1		03/17/21 09:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.32	1		03/17/21 09:53	108-90-7	
Chloroethane	ND	ug/L	5.0	0.77	1		03/17/21 09:53	75-00-3	
Chloroform	ND	ug/L	5.0	0.30	1		03/17/21 09:53	67-66-3	
Chloromethane	ND	ug/L	5.0	0.59	1		03/17/21 09:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.28	1		03/17/21 09:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.37	1		03/17/21 09:53	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.37	1		03/17/21 09:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.30	1		03/17/21 09:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.2	1		03/17/21 09:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.38	1		03/17/21 09:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		03/17/21 09:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.24	1		03/17/21 09:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.1	1		03/17/21 09:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.3	1		03/17/21 09:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.35	1		03/17/21 09:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.31	1		03/17/21 09:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.28	1		03/17/21 09:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.31	1		03/17/21 09:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.27	1		03/17/21 09:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.38	1		03/17/21 09:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 09:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.29	1		03/17/21 09:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.42	1		03/17/21 09:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.21	1		03/17/21 09:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.36	1		03/17/21 09:53	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.36	1		03/17/21 09:53	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.41	1		03/17/21 09:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1.1	1		03/17/21 09:53	87-68-3	
n-Hexane	ND	ug/L	5.0	0.43	1		03/17/21 09:53	110-54-3	
2-Hexanone	ND	ug/L	25.0	2.2	1		03/17/21 09:53	591-78-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: Equipment Blank **Lab ID: 50281533002** Collected: 03/04/21 10:03 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	0.36	1		03/17/21 09:53	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.29	1		03/17/21 09:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.34	1		03/17/21 09:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.86	1		03/17/21 09:53	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.2	1		03/17/21 09:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.0	1		03/17/21 09:53	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	2.0	1		03/17/21 09:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 09:53	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.27	1		03/17/21 09:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 09:53	103-65-1	
Styrene	ND	ug/L	5.0	0.32	1		03/17/21 09:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.29	1		03/17/21 09:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.44	1		03/17/21 09:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.51	1		03/17/21 09:53	127-18-4	
Toluene	ND	ug/L	5.0	0.52	1		03/17/21 09:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.48	1		03/17/21 09:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.39	1		03/17/21 09:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.46	1		03/17/21 09:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.38	1		03/17/21 09:53	79-00-5	
Trichloroethene	ND	ug/L	5.0	0.48	1		03/17/21 09:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.38	1		03/17/21 09:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.1	1		03/17/21 09:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 09:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 09:53	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.93	1		03/17/21 09:53	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.41	1		03/17/21 09:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.55	1		03/17/21 09:53	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	96	%	75-120		1		03/17/21 09:53	1868-53-7	
4-Bromofluorobenzene (S)	99	%	85-116		1		03/17/21 09:53	460-00-4	
Toluene-d8 (S)	99	%	83-111		1		03/17/21 09:53	2037-26-5	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-3 **Lab ID: 50281533003** Collected: 03/04/21 11:20 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	2.5	1		03/17/21 20:20	67-64-1	
Acrolein	ND	ug/L	50.0	2.4	1		03/17/21 20:20	107-02-8	
Acrylonitrile	ND	ug/L	100	1.6	1		03/17/21 20:20	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		03/17/21 20:20	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.41	1		03/17/21 20:20	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.64	1		03/17/21 20:20	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.33	1		03/17/21 20:20	75-27-4	
Bromoform	ND	ug/L	5.0	0.47	1		03/17/21 20:20	75-25-2	
Bromomethane	ND	ug/L	5.0	0.50	1		03/17/21 20:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.9	1		03/17/21 20:20	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 20:20	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 20:20	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.28	1		03/17/21 20:20	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.25	1		03/17/21 20:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.44	1		03/17/21 20:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.32	1		03/17/21 20:20	108-90-7	
Chloroethane	ND	ug/L	5.0	0.77	1		03/17/21 20:20	75-00-3	
Chloroform	ND	ug/L	5.0	0.30	1		03/17/21 20:20	67-66-3	
Chloromethane	ND	ug/L	5.0	0.59	1		03/17/21 20:20	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.28	1		03/17/21 20:20	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.37	1		03/17/21 20:20	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.37	1		03/17/21 20:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.30	1		03/17/21 20:20	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.2	1		03/17/21 20:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.38	1		03/17/21 20:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		03/17/21 20:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.24	1		03/17/21 20:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.1	1		03/17/21 20:20	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.3	1		03/17/21 20:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.35	1		03/17/21 20:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.31	1		03/17/21 20:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.28	1		03/17/21 20:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.31	1		03/17/21 20:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.27	1		03/17/21 20:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.38	1		03/17/21 20:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 20:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.29	1		03/17/21 20:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.42	1		03/17/21 20:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.21	1		03/17/21 20:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.36	1		03/17/21 20:20	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.36	1		03/17/21 20:20	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.41	1		03/17/21 20:20	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1.1	1		03/17/21 20:20	87-68-3	
n-Hexane	ND	ug/L	5.0	0.43	1		03/17/21 20:20	110-54-3	
2-Hexanone	ND	ug/L	25.0	2.2	1		03/17/21 20:20	591-78-6	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-3 **Lab ID: 50281533003** Collected: 03/04/21 11:20 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	0.36	1		03/17/21 20:20	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.29	1		03/17/21 20:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.34	1		03/17/21 20:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.86	1		03/17/21 20:20	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.2	1		03/17/21 20:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.0	1		03/17/21 20:20	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	2.0	1		03/17/21 20:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 20:20	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.27	1		03/17/21 20:20	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 20:20	103-65-1	
Styrene	ND	ug/L	5.0	0.32	1		03/17/21 20:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.29	1		03/17/21 20:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.44	1		03/17/21 20:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.51	1		03/17/21 20:20	127-18-4	
Toluene	ND	ug/L	5.0	0.52	1		03/17/21 20:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.48	1		03/17/21 20:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.39	1		03/17/21 20:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.46	1		03/17/21 20:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.38	1		03/17/21 20:20	79-00-5	
Trichloroethene	ND	ug/L	5.0	0.48	1		03/17/21 20:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.38	1		03/17/21 20:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.1	1		03/17/21 20:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 20:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 20:20	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.93	1		03/17/21 20:20	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.41	1		03/17/21 20:20	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.55	1		03/17/21 20:20	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	100	%	75-120		1		03/17/21 20:20	1868-53-7	
4-Bromofluorobenzene (S)	99	%	85-116		1		03/17/21 20:20	460-00-4	
Toluene-d8 (S)	98	%	83-111		1		03/17/21 20:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-5 Lab ID: 50281533004 Collected: 03/04/21 13:04 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	2.5	1		03/17/21 20:52	67-64-1	
Acrolein	ND	ug/L	50.0	2.4	1		03/17/21 20:52	107-02-8	
Acrylonitrile	ND	ug/L	100	1.6	1		03/17/21 20:52	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		03/17/21 20:52	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.41	1		03/17/21 20:52	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.64	1		03/17/21 20:52	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.33	1		03/17/21 20:52	75-27-4	
Bromoform	ND	ug/L	5.0	0.47	1		03/17/21 20:52	75-25-2	
Bromomethane	ND	ug/L	5.0	0.50	1		03/17/21 20:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.9	1		03/17/21 20:52	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 20:52	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 20:52	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.28	1		03/17/21 20:52	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.25	1		03/17/21 20:52	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.44	1		03/17/21 20:52	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.32	1		03/17/21 20:52	108-90-7	
Chloroethane	ND	ug/L	5.0	0.77	1		03/17/21 20:52	75-00-3	
Chloroform	ND	ug/L	5.0	0.30	1		03/17/21 20:52	67-66-3	
Chloromethane	ND	ug/L	5.0	0.59	1		03/17/21 20:52	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.28	1		03/17/21 20:52	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.37	1		03/17/21 20:52	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.37	1		03/17/21 20:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.30	1		03/17/21 20:52	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.2	1		03/17/21 20:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.38	1		03/17/21 20:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		03/17/21 20:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.24	1		03/17/21 20:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.1	1		03/17/21 20:52	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.3	1		03/17/21 20:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.35	1		03/17/21 20:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.31	1		03/17/21 20:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.28	1		03/17/21 20:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.31	1		03/17/21 20:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.27	1		03/17/21 20:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.38	1		03/17/21 20:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 20:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.29	1		03/17/21 20:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.42	1		03/17/21 20:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.21	1		03/17/21 20:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.36	1		03/17/21 20:52	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.36	1		03/17/21 20:52	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.41	1		03/17/21 20:52	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1.1	1		03/17/21 20:52	87-68-3	
n-Hexane	ND	ug/L	5.0	0.43	1		03/17/21 20:52	110-54-3	
2-Hexanone	ND	ug/L	25.0	2.2	1		03/17/21 20:52	591-78-6	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-5 **Lab ID: 50281533004** Collected: 03/04/21 13:04 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	0.36	1		03/17/21 20:52	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.29	1		03/17/21 20:52	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.34	1		03/17/21 20:52	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.86	1		03/17/21 20:52	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.2	1		03/17/21 20:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.0	1		03/17/21 20:52	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	2.0	1		03/17/21 20:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 20:52	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.27	1		03/17/21 20:52	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 20:52	103-65-1	
Styrene	ND	ug/L	5.0	0.32	1		03/17/21 20:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.29	1		03/17/21 20:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.44	1		03/17/21 20:52	79-34-5	
Tetrachloroethene	22.6	ug/L	5.0	0.51	1		03/17/21 20:52	127-18-4	
Toluene	ND	ug/L	5.0	0.52	1		03/17/21 20:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.48	1		03/17/21 20:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.39	1		03/17/21 20:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.46	1		03/17/21 20:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.38	1		03/17/21 20:52	79-00-5	
Trichloroethene	25.9	ug/L	5.0	0.48	1		03/17/21 20:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.38	1		03/17/21 20:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.1	1		03/17/21 20:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 20:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 20:52	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.93	1		03/17/21 20:52	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.41	1		03/17/21 20:52	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.55	1		03/17/21 20:52	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	97	%	75-120		1		03/17/21 20:52	1868-53-7	
4-Bromofluorobenzene (S)	100	%	85-116		1		03/17/21 20:52	460-00-4	
Toluene-d8 (S)	98	%	83-111		1		03/17/21 20:52	2037-26-5	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-7 Lab ID: 50281533005 Collected: 03/04/21 13:30 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	2.5	1		03/17/21 21:23	67-64-1	
Acrolein	ND	ug/L	50.0	2.4	1		03/17/21 21:23	107-02-8	
Acrylonitrile	ND	ug/L	100	1.6	1		03/17/21 21:23	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		03/17/21 21:23	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.41	1		03/17/21 21:23	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.64	1		03/17/21 21:23	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.33	1		03/17/21 21:23	75-27-4	
Bromoform	ND	ug/L	5.0	0.47	1		03/17/21 21:23	75-25-2	
Bromomethane	ND	ug/L	5.0	0.50	1		03/17/21 21:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.9	1		03/17/21 21:23	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 21:23	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 21:23	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.28	1		03/17/21 21:23	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.25	1		03/17/21 21:23	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.44	1		03/17/21 21:23	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.32	1		03/17/21 21:23	108-90-7	
Chloroethane	ND	ug/L	5.0	0.77	1		03/17/21 21:23	75-00-3	
Chloroform	ND	ug/L	5.0	0.30	1		03/17/21 21:23	67-66-3	
Chloromethane	ND	ug/L	5.0	0.59	1		03/17/21 21:23	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.28	1		03/17/21 21:23	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.37	1		03/17/21 21:23	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.37	1		03/17/21 21:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.30	1		03/17/21 21:23	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.2	1		03/17/21 21:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.38	1		03/17/21 21:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		03/17/21 21:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.24	1		03/17/21 21:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.1	1		03/17/21 21:23	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.3	1		03/17/21 21:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.35	1		03/17/21 21:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.31	1		03/17/21 21:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.28	1		03/17/21 21:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.31	1		03/17/21 21:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.27	1		03/17/21 21:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.38	1		03/17/21 21:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 21:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.29	1		03/17/21 21:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.42	1		03/17/21 21:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.21	1		03/17/21 21:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.36	1		03/17/21 21:23	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.36	1		03/17/21 21:23	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.41	1		03/17/21 21:23	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1.1	1		03/17/21 21:23	87-68-3	
n-Hexane	ND	ug/L	5.0	0.43	1		03/17/21 21:23	110-54-3	
2-Hexanone	ND	ug/L	25.0	2.2	1		03/17/21 21:23	591-78-6	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-7 **Lab ID: 50281533005** Collected: 03/04/21 13:30 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	0.36	1		03/17/21 21:23	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.29	1		03/17/21 21:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.34	1		03/17/21 21:23	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.86	1		03/17/21 21:23	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.2	1		03/17/21 21:23	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.0	1		03/17/21 21:23	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	2.0	1		03/17/21 21:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 21:23	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.27	1		03/17/21 21:23	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 21:23	103-65-1	
Styrene	ND	ug/L	5.0	0.32	1		03/17/21 21:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.29	1		03/17/21 21:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.44	1		03/17/21 21:23	79-34-5	
Tetrachloroethene	41.1	ug/L	5.0	0.51	1		03/17/21 21:23	127-18-4	
Toluene	ND	ug/L	5.0	0.52	1		03/17/21 21:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.48	1		03/17/21 21:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.39	1		03/17/21 21:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.46	1		03/17/21 21:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.38	1		03/17/21 21:23	79-00-5	
Trichloroethene	56.7	ug/L	5.0	0.48	1		03/17/21 21:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.38	1		03/17/21 21:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.1	1		03/17/21 21:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 21:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 21:23	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.93	1		03/17/21 21:23	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.41	1		03/17/21 21:23	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.55	1		03/17/21 21:23	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	99	%	75-120		1		03/17/21 21:23	1868-53-7	
4-Bromofluorobenzene (S)	99	%	85-116		1		03/17/21 21:23	460-00-4	
Toluene-d8 (S)	97	%	83-111		1		03/17/21 21:23	2037-26-5	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-11 Lab ID: 50281533006 Collected: 03/05/21 12:27 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.5	1		03/17/21 21:08	67-64-1	
Acrolein	ND	ug/L	50.0	7.4	1		03/17/21 21:08	107-02-8	
Acrylonitrile	ND	ug/L	100	1.2	1		03/17/21 21:08	107-13-1	
Benzene	ND	ug/L	5.0	0.31	1		03/17/21 21:08	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.42	1		03/17/21 21:08	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.42	1		03/17/21 21:08	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.29	1		03/17/21 21:08	75-27-4	
Bromoform	ND	ug/L	5.0	0.42	1		03/17/21 21:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1.6	1		03/17/21 21:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.1	1		03/17/21 21:08	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 21:08	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 21:08	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 21:08	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.32	1		03/17/21 21:08	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.48	1		03/17/21 21:08	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.33	1		03/17/21 21:08	108-90-7	
Chloroethane	ND	ug/L	5.0	1.7	1		03/17/21 21:08	75-00-3	
Chloroform	ND	ug/L	5.0	0.34	1		03/17/21 21:08	67-66-3	
Chloromethane	ND	ug/L	5.0	0.48	1		03/17/21 21:08	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.31	1		03/17/21 21:08	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.33	1		03/17/21 21:08	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.34	1		03/17/21 21:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.42	1		03/17/21 21:08	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.59	1		03/17/21 21:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		03/17/21 21:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		03/17/21 21:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.36	1		03/17/21 21:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.82	1		03/17/21 21:08	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	1		03/17/21 21:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.41	1		03/17/21 21:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.41	1		03/17/21 21:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		03/17/21 21:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.46	1		03/17/21 21:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.32	1		03/17/21 21:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.35	1		03/17/21 21:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 21:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.35	1		03/17/21 21:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.47	1		03/17/21 21:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.34	1		03/17/21 21:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.27	1		03/17/21 21:08	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 21:08	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.28	1		03/17/21 21:08	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.67	1		03/17/21 21:08	87-68-3	
n-Hexane	ND	ug/L	5.0	0.30	1		03/17/21 21:08	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.4	1		03/17/21 21:08	591-78-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-11 **Lab ID: 50281533006** Collected: 03/05/21 12:27 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	2.7	1		03/17/21 21:08	74-88-4	L1
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		03/17/21 21:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.31	1		03/17/21 21:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.72	1		03/17/21 21:08	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.1	1		03/17/21 21:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.64	1		03/17/21 21:08	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.4	1		03/17/21 21:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 21:08	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.25	1		03/17/21 21:08	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 21:08	103-65-1	
Styrene	ND	ug/L	5.0	0.26	1		03/17/21 21:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.24	1		03/17/21 21:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.26	1		03/17/21 21:08	79-34-5	
Tetrachloroethene	148	ug/L	5.0	0.44	1		03/17/21 21:08	127-18-4	
Toluene	ND	ug/L	5.0	0.27	1		03/17/21 21:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.50	1		03/17/21 21:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.44	1		03/17/21 21:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.40	1		03/17/21 21:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		03/17/21 21:08	79-00-5	
Trichloroethene	51.9	ug/L	5.0	0.46	1		03/17/21 21:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.24	1		03/17/21 21:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.0	1		03/17/21 21:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 21:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 21:08	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.60	1		03/17/21 21:08	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.28	1		03/17/21 21:08	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.68	1		03/17/21 21:08	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	98	%	75-120		1		03/17/21 21:08	1868-53-7	
4-Bromofluorobenzene (S)	100	%	85-116		1		03/17/21 21:08	460-00-4	
Toluene-d8 (S)	97	%	83-111		1		03/17/21 21:08	2037-26-5	

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ANALYTICAL RESULTS

Project: Reed Manufacturing
Pace Project No.: 50281533

Sample: MW-23 **Lab ID: 50281533007** Collected: 03/05/21 16:10 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.5	1		03/17/21 23:15	67-64-1	
Acrolein	ND	ug/L	50.0	7.4	1		03/17/21 23:15	107-02-8	
Acrylonitrile	ND	ug/L	100	1.2	1		03/17/21 23:15	107-13-1	
Benzene	ND	ug/L	5.0	0.31	1		03/17/21 23:15	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.42	1		03/17/21 23:15	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.42	1		03/17/21 23:15	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.29	1		03/17/21 23:15	75-27-4	
Bromoform	ND	ug/L	5.0	0.42	1		03/17/21 23:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.6	1		03/17/21 23:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.1	1		03/17/21 23:15	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 23:15	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 23:15	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 23:15	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.32	1		03/17/21 23:15	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.48	1		03/17/21 23:15	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.33	1		03/17/21 23:15	108-90-7	
Chloroethane	ND	ug/L	5.0	1.7	1		03/17/21 23:15	75-00-3	
Chloroform	ND	ug/L	5.0	0.34	1		03/17/21 23:15	67-66-3	
Chloromethane	ND	ug/L	5.0	0.48	1		03/17/21 23:15	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.31	1		03/17/21 23:15	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.33	1		03/17/21 23:15	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.34	1		03/17/21 23:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.42	1		03/17/21 23:15	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.59	1		03/17/21 23:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		03/17/21 23:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		03/17/21 23:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.36	1		03/17/21 23:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.82	1		03/17/21 23:15	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	1		03/17/21 23:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.41	1		03/17/21 23:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.41	1		03/17/21 23:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		03/17/21 23:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.46	1		03/17/21 23:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.32	1		03/17/21 23:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.35	1		03/17/21 23:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 23:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.35	1		03/17/21 23:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.47	1		03/17/21 23:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.34	1		03/17/21 23:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.27	1		03/17/21 23:15	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 23:15	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.28	1		03/17/21 23:15	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.67	1		03/17/21 23:15	87-68-3	
n-Hexane	ND	ug/L	5.0	0.30	1		03/17/21 23:15	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.4	1		03/17/21 23:15	591-78-6	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-23 **Lab ID: 50281533007** Collected: 03/05/21 16:10 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	2.7	1		03/17/21 23:15	74-88-4	L1,M0, R1
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		03/17/21 23:15	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.31	1		03/17/21 23:15	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.72	1		03/17/21 23:15	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.1	1		03/17/21 23:15	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.64	1		03/17/21 23:15	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.4	1		03/17/21 23:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 23:15	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.25	1		03/17/21 23:15	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 23:15	103-65-1	
Styrene	ND	ug/L	5.0	0.26	1		03/17/21 23:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.24	1		03/17/21 23:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.26	1		03/17/21 23:15	79-34-5	
Tetrachloroethene	31.8	ug/L	5.0	0.44	1		03/17/21 23:15	127-18-4	
Toluene	ND	ug/L	5.0	0.27	1		03/17/21 23:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.50	1		03/17/21 23:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.44	1		03/17/21 23:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.40	1		03/17/21 23:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		03/17/21 23:15	79-00-5	
Trichloroethene	54.6	ug/L	5.0	0.46	1		03/17/21 23:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.24	1		03/17/21 23:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.0	1		03/17/21 23:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 23:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 23:15	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.60	1		03/17/21 23:15	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.28	1		03/17/21 23:15	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.68	1		03/17/21 23:15	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	100	%	75-120		1		03/17/21 23:15	1868-53-7	
4-Bromofluorobenzene (S)	98	%	85-116		1		03/17/21 23:15	460-00-4	
Toluene-d8 (S)	96	%	83-111		1		03/17/21 23:15	2037-26-5	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-30 Lab ID: 50281533008 Collected: 03/05/21 13:55 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	2.5	1		03/17/21 21:55	67-64-1	
Acrolein	ND	ug/L	50.0	2.4	1		03/17/21 21:55	107-02-8	
Acrylonitrile	ND	ug/L	100	1.6	1		03/17/21 21:55	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		03/17/21 21:55	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.41	1		03/17/21 21:55	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.64	1		03/17/21 21:55	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.33	1		03/17/21 21:55	75-27-4	
Bromoform	ND	ug/L	5.0	0.47	1		03/17/21 21:55	75-25-2	
Bromomethane	ND	ug/L	5.0	0.50	1		03/17/21 21:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.9	1		03/17/21 21:55	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 21:55	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 21:55	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.28	1		03/17/21 21:55	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.25	1		03/17/21 21:55	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.44	1		03/17/21 21:55	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.32	1		03/17/21 21:55	108-90-7	
Chloroethane	ND	ug/L	5.0	0.77	1		03/17/21 21:55	75-00-3	
Chloroform	ND	ug/L	5.0	0.30	1		03/17/21 21:55	67-66-3	
Chloromethane	ND	ug/L	5.0	0.59	1		03/17/21 21:55	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.28	1		03/17/21 21:55	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.37	1		03/17/21 21:55	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.37	1		03/17/21 21:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.30	1		03/17/21 21:55	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.2	1		03/17/21 21:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.38	1		03/17/21 21:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		03/17/21 21:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.24	1		03/17/21 21:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.1	1		03/17/21 21:55	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.3	1		03/17/21 21:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.35	1		03/17/21 21:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.31	1		03/17/21 21:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.28	1		03/17/21 21:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.31	1		03/17/21 21:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.27	1		03/17/21 21:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.38	1		03/17/21 21:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 21:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.29	1		03/17/21 21:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.42	1		03/17/21 21:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.21	1		03/17/21 21:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.36	1		03/17/21 21:55	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.36	1		03/17/21 21:55	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.41	1		03/17/21 21:55	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1.1	1		03/17/21 21:55	87-68-3	
n-Hexane	ND	ug/L	5.0	0.43	1		03/17/21 21:55	110-54-3	
2-Hexanone	ND	ug/L	25.0	2.2	1		03/17/21 21:55	591-78-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-30 Lab ID: 50281533008 Collected: 03/05/21 13:55 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	0.36	1		03/17/21 21:55	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.29	1		03/17/21 21:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.34	1		03/17/21 21:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.86	1		03/17/21 21:55	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.2	1		03/17/21 21:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.0	1		03/17/21 21:55	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	2.0	1		03/17/21 21:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 21:55	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.27	1		03/17/21 21:55	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 21:55	103-65-1	
Styrene	ND	ug/L	5.0	0.32	1		03/17/21 21:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.29	1		03/17/21 21:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.44	1		03/17/21 21:55	79-34-5	
Tetrachloroethene	586	ug/L	50.0	5.1	10		03/17/21 22:27	127-18-4	
Toluene	ND	ug/L	5.0	0.52	1		03/17/21 21:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.48	1		03/17/21 21:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.39	1		03/17/21 21:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.46	1		03/17/21 21:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.38	1		03/17/21 21:55	79-00-5	
Trichloroethene	271	ug/L	5.0	0.48	1		03/17/21 21:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.38	1		03/17/21 21:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.1	1		03/17/21 21:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 21:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 21:55	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.93	1		03/17/21 21:55	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.41	1		03/17/21 21:55	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.55	1		03/17/21 21:55	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	96	%	75-120		1		03/17/21 21:55	1868-53-7	
4-Bromofluorobenzene (S)	100	%	85-116		1		03/17/21 21:55	460-00-4	
Toluene-d8 (S)	99	%	83-111		1		03/17/21 21:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-31 Lab ID: 50281533009 Collected: 03/05/21 14:45 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.5	1	03/17/21 21:40	67-64-1		
Acrolein	ND	ug/L	50.0	7.4	1	03/17/21 21:40	107-02-8		
Acrylonitrile	ND	ug/L	100	1.2	1	03/17/21 21:40	107-13-1		
Benzene	ND	ug/L	5.0	0.31	1	03/17/21 21:40	71-43-2		
Bromobenzene	ND	ug/L	5.0	0.42	1	03/17/21 21:40	108-86-1		
Bromochloromethane	ND	ug/L	5.0	0.42	1	03/17/21 21:40	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	0.29	1	03/17/21 21:40	75-27-4		
Bromoform	ND	ug/L	5.0	0.42	1	03/17/21 21:40	75-25-2		
Bromomethane	ND	ug/L	5.0	1.6	1	03/17/21 21:40	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	2.1	1	03/17/21 21:40	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	0.32	1	03/17/21 21:40	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	0.32	1	03/17/21 21:40	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	0.32	1	03/17/21 21:40	98-06-6		
Carbon disulfide	ND	ug/L	10.0	0.32	1	03/17/21 21:40	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	0.48	1	03/17/21 21:40	56-23-5		
Chlorobenzene	ND	ug/L	5.0	0.33	1	03/17/21 21:40	108-90-7		
Chloroethane	ND	ug/L	5.0	1.7	1	03/17/21 21:40	75-00-3		
Chloroform	ND	ug/L	5.0	0.34	1	03/17/21 21:40	67-66-3		
Chloromethane	ND	ug/L	5.0	0.48	1	03/17/21 21:40	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	0.31	1	03/17/21 21:40	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	0.33	1	03/17/21 21:40	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	0.34	1	03/17/21 21:40	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.42	1	03/17/21 21:40	106-93-4		
Dibromomethane	ND	ug/L	5.0	0.59	1	03/17/21 21:40	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1	03/17/21 21:40	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1	03/17/21 21:40	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	0.36	1	03/17/21 21:40	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.82	1	03/17/21 21:40	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	1	03/17/21 21:40	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	0.41	1	03/17/21 21:40	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	0.41	1	03/17/21 21:40	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1	03/17/21 21:40	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.46	1	03/17/21 21:40	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.32	1	03/17/21 21:40	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	0.35	1	03/17/21 21:40	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1	03/17/21 21:40	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	0.35	1	03/17/21 21:40	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	0.47	1	03/17/21 21:40	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.34	1	03/17/21 21:40	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.27	1	03/17/21 21:40	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	0.26	1	03/17/21 21:40	100-41-4		
Ethyl methacrylate	ND	ug/L	100	0.28	1	03/17/21 21:40	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.67	1	03/17/21 21:40	87-68-3		
n-Hexane	ND	ug/L	5.0	0.30	1	03/17/21 21:40	110-54-3		
2-Hexanone	ND	ug/L	25.0	1.4	1	03/17/21 21:40	591-78-6		

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: MW-31 **Lab ID: 50281533009** Collected: 03/05/21 14:45 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	2.7	1		03/17/21 21:40	74-88-4	L1
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		03/17/21 21:40	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.31	1		03/17/21 21:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.72	1		03/17/21 21:40	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.1	1		03/17/21 21:40	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.64	1		03/17/21 21:40	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.4	1		03/17/21 21:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 21:40	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.25	1		03/17/21 21:40	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 21:40	103-65-1	
Styrene	ND	ug/L	5.0	0.26	1		03/17/21 21:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.24	1		03/17/21 21:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.26	1		03/17/21 21:40	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.44	1		03/17/21 21:40	127-18-4	
Toluene	ND	ug/L	5.0	0.27	1		03/17/21 21:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.50	1		03/17/21 21:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.44	1		03/17/21 21:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.40	1		03/17/21 21:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		03/17/21 21:40	79-00-5	
Trichloroethene	ND	ug/L	5.0	0.46	1		03/17/21 21:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.24	1		03/17/21 21:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.0	1		03/17/21 21:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 21:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 21:40	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.60	1		03/17/21 21:40	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.28	1		03/17/21 21:40	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.68	1		03/17/21 21:40	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	98	%	75-120		1		03/17/21 21:40	1868-53-7	
4-Bromofluorobenzene (S)	98	%	85-116		1		03/17/21 21:40	460-00-4	
Toluene-d8 (S)	98	%	83-111		1		03/17/21 21:40	2037-26-5	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: Dup-01 **Lab ID: 50281533010** Collected: 03/05/21 08:00 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.5	1		03/17/21 22:11	67-64-1	
Acrolein	ND	ug/L	50.0	7.4	1		03/17/21 22:11	107-02-8	
Acrylonitrile	ND	ug/L	100	1.2	1		03/17/21 22:11	107-13-1	
Benzene	ND	ug/L	5.0	0.31	1		03/17/21 22:11	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.42	1		03/17/21 22:11	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.42	1		03/17/21 22:11	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.29	1		03/17/21 22:11	75-27-4	
Bromoform	ND	ug/L	5.0	0.42	1		03/17/21 22:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1.6	1		03/17/21 22:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	2.1	1		03/17/21 22:11	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 22:11	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 22:11	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.32	1		03/17/21 22:11	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.32	1		03/17/21 22:11	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.48	1		03/17/21 22:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.33	1		03/17/21 22:11	108-90-7	
Chloroethane	ND	ug/L	5.0	1.7	1		03/17/21 22:11	75-00-3	
Chloroform	ND	ug/L	5.0	0.34	1		03/17/21 22:11	67-66-3	
Chloromethane	ND	ug/L	5.0	0.48	1		03/17/21 22:11	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.31	1		03/17/21 22:11	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.33	1		03/17/21 22:11	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.34	1		03/17/21 22:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.42	1		03/17/21 22:11	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.59	1		03/17/21 22:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		03/17/21 22:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		03/17/21 22:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.36	1		03/17/21 22:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.82	1		03/17/21 22:11	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	1		03/17/21 22:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.41	1		03/17/21 22:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.41	1		03/17/21 22:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		03/17/21 22:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.46	1		03/17/21 22:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.32	1		03/17/21 22:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.35	1		03/17/21 22:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.31	1		03/17/21 22:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.35	1		03/17/21 22:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.47	1		03/17/21 22:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.34	1		03/17/21 22:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.27	1		03/17/21 22:11	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.26	1		03/17/21 22:11	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.28	1		03/17/21 22:11	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.67	1		03/17/21 22:11	87-68-3	
n-Hexane	ND	ug/L	5.0	0.30	1		03/17/21 22:11	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.4	1		03/17/21 22:11	591-78-6	

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ANALYTICAL RESULTS

Project: Reed Manufacturing

Pace Project No.: 50281533

Sample: Dup-01 **Lab ID: 50281533010** Collected: 03/05/21 08:00 Received: 03/05/21 17:28 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Indiana									
Analytical Method: EPA 5030/8260									
Pace Analytical Services - Indianapolis									
Iodomethane	ND	ug/L	10.0	2.7	1		03/17/21 22:11	74-88-4	L1
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		03/17/21 22:11	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.31	1		03/17/21 22:11	99-87-6	
Methylene Chloride	ND	ug/L	5.0	0.72	1		03/17/21 22:11	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1.1	1		03/17/21 22:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.64	1		03/17/21 22:11	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.4	1		03/17/21 22:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.31	1		03/17/21 22:11	1634-04-4	
Naphthalene	ND	ug/L	1.7	0.25	1		03/17/21 22:11	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.29	1		03/17/21 22:11	103-65-1	
Styrene	ND	ug/L	5.0	0.26	1		03/17/21 22:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.24	1		03/17/21 22:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.26	1		03/17/21 22:11	79-34-5	
Tetrachloroethene	602	ug/L	50.0	4.4	10		03/17/21 22:43	127-18-4	
Toluene	ND	ug/L	5.0	0.27	1		03/17/21 22:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.50	1		03/17/21 22:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.44	1		03/17/21 22:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.40	1		03/17/21 22:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		03/17/21 22:11	79-00-5	
Trichloroethene	272	ug/L	5.0	0.46	1		03/17/21 22:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.24	1		03/17/21 22:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.0	1		03/17/21 22:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.30	1		03/17/21 22:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.31	1		03/17/21 22:11	108-67-8	
Vinyl acetate	ND	ug/L	50.0	0.60	1		03/17/21 22:11	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.28	1		03/17/21 22:11	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.68	1		03/17/21 22:11	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	97	%	75-120		1		03/17/21 22:11	1868-53-7	
4-Bromofluorobenzene (S)	101	%	85-116		1		03/17/21 22:11	460-00-4	
Toluene-d8 (S)	99	%	83-111		1		03/17/21 22:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Reed Manufacturing
Pace Project No.: 50281533

QC Batch: 610524 Analysis Method: EPA 5030/8260
QC Batch Method: EPA 5030/8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50281533002

METHOD BLANK: 2813915 Matrix: Water

Associated Lab Samples: 50281533002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	0.29	03/17/21 01:23	
1,1,1-Trichloroethane	ug/L	ND	5.0	0.46	03/17/21 01:23	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	0.44	03/17/21 01:23	
1,1,2-Trichloroethane	ug/L	ND	5.0	0.38	03/17/21 01:23	
1,1-Dichloroethane	ug/L	ND	5.0	0.35	03/17/21 01:23	
1,1-Dichloroethene	ug/L	ND	5.0	0.28	03/17/21 01:23	
1,1-Dichloropropene	ug/L	ND	5.0	0.42	03/17/21 01:23	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	0.48	03/17/21 01:23	
1,2,3-Trichloropropane	ug/L	ND	5.0	1.1	03/17/21 01:23	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	0.39	03/17/21 01:23	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	0.30	03/17/21 01:23	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	0.30	03/17/21 01:23	
1,2-Dichlorobenzene	ug/L	ND	5.0	0.38	03/17/21 01:23	
1,2-Dichloroethane	ug/L	ND	5.0	0.31	03/17/21 01:23	
1,2-Dichloropropane	ug/L	ND	5.0	0.38	03/17/21 01:23	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	0.29	03/17/21 01:23	
1,3-Dichlorobenzene	ug/L	ND	5.0	0.28	03/17/21 01:23	
1,3-Dichloropropane	ug/L	ND	5.0	0.31	03/17/21 01:23	
1,4-Dichlorobenzene	ug/L	ND	5.0	0.24	03/17/21 01:23	
1-Methylnaphthalene	ug/L	ND	10.0	1.2	03/17/21 01:23	
2,2-Dichloropropane	ug/L	ND	5.0	0.29	03/17/21 01:23	
2-Butanone (MEK)	ug/L	ND	25.0	2.9	03/17/21 01:23	
2-Chlorotoluene	ug/L	ND	5.0	0.28	03/17/21 01:23	
2-Hexanone	ug/L	ND	25.0	2.2	03/17/21 01:23	
2-Methylnaphthalene	ug/L	ND	10.0	1.0	03/17/21 01:23	
4-Chlorotoluene	ug/L	ND	5.0	0.37	03/17/21 01:23	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	2.0	03/17/21 01:23	
Acetone	ug/L	ND	100	2.5	03/17/21 01:23	
Acrolein	ug/L	ND	50.0	2.4	03/17/21 01:23	
Acrylonitrile	ug/L	ND	100	1.6	03/17/21 01:23	
Benzene	ug/L	ND	5.0	0.29	03/17/21 01:23	
Bromobenzene	ug/L	ND	5.0	0.41	03/17/21 01:23	
Bromochloromethane	ug/L	ND	5.0	0.64	03/17/21 01:23	
Bromodichloromethane	ug/L	ND	5.0	0.33	03/17/21 01:23	
Bromoform	ug/L	ND	5.0	0.47	03/17/21 01:23	
Bromomethane	ug/L	ND	5.0	0.50	03/17/21 01:23	
Carbon disulfide	ug/L	ND	10.0	0.25	03/17/21 01:23	
Carbon tetrachloride	ug/L	ND	5.0	0.44	03/17/21 01:23	
Chlorobenzene	ug/L	ND	5.0	0.32	03/17/21 01:23	
Chloroethane	ug/L	ND	5.0	0.77	03/17/21 01:23	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Reed Manufacturing
Pace Project No.: 50281533

METHOD BLANK: 2813915

Matrix: Water

Associated Lab Samples: 50281533002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	0.30	03/17/21 01:23	
Chloromethane	ug/L	ND	5.0	0.59	03/17/21 01:23	
cis-1,2-Dichloroethene	ug/L	ND	5.0	0.31	03/17/21 01:23	
cis-1,3-Dichloropropene	ug/L	ND	5.0	0.21	03/17/21 01:23	
Dibromochloromethane	ug/L	ND	5.0	0.37	03/17/21 01:23	
Dibromomethane	ug/L	ND	5.0	1.2	03/17/21 01:23	
Dichlorodifluoromethane	ug/L	ND	5.0	1.3	03/17/21 01:23	
Ethyl methacrylate	ug/L	ND	100	0.41	03/17/21 01:23	
Ethylbenzene	ug/L	ND	5.0	0.36	03/17/21 01:23	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	1.1	03/17/21 01:23	
Iodomethane	ug/L	ND	10.0	0.36	03/17/21 01:23	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	0.29	03/17/21 01:23	
Methyl-tert-butyl ether	ug/L	ND	4.0	0.31	03/17/21 01:23	
Methylene Chloride	ug/L	ND	5.0	0.86	03/17/21 01:23	
n-Butylbenzene	ug/L	ND	5.0	0.26	03/17/21 01:23	
n-Hexane	ug/L	ND	5.0	0.43	03/17/21 01:23	
n-Propylbenzene	ug/L	ND	5.0	0.26	03/17/21 01:23	
Naphthalene	ug/L	ND	1.7	0.27	03/17/21 01:23	
p-Isopropyltoluene	ug/L	ND	5.0	0.34	03/17/21 01:23	
sec-Butylbenzene	ug/L	ND	5.0	0.31	03/17/21 01:23	
Styrene	ug/L	ND	5.0	0.32	03/17/21 01:23	
tert-Butylbenzene	ug/L	ND	5.0	0.28	03/17/21 01:23	
Tetrachloroethene	ug/L	ND	5.0	0.51	03/17/21 01:23	
Toluene	ug/L	ND	5.0	0.52	03/17/21 01:23	
trans-1,2-Dichloroethene	ug/L	ND	5.0	0.27	03/17/21 01:23	
trans-1,3-Dichloropropene	ug/L	ND	5.0	0.36	03/17/21 01:23	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	1.1	03/17/21 01:23	
Trichloroethene	ug/L	ND	5.0	0.48	03/17/21 01:23	
Trichlorofluoromethane	ug/L	ND	5.0	0.38	03/17/21 01:23	
Vinyl acetate	ug/L	ND	50.0	0.93	03/17/21 01:23	
Vinyl chloride	ug/L	ND	2.0	0.41	03/17/21 01:23	
Xylene (Total)	ug/L	ND	10.0	0.55	03/17/21 01:23	
4-Bromofluorobenzene (S)	%	100	85-116		03/17/21 01:23	
Dibromofluoromethane (S)	%	97	75-120		03/17/21 01:23	
Toluene-d8 (S)	%	97	83-111		03/17/21 01:23	

LABORATORY CONTROL SAMPLE: 2813916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.9	108	78-120	
1,1,1-Trichloroethane	ug/L	50	53.9	108	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	64-126	
1,1,2-Trichloroethane	ug/L	50	55.1	110	73-125	
1,1-Dichloroethane	ug/L	50	54.0	108	77-123	

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

LABORATORY CONTROL SAMPLE: 2813916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	50.1	100	79-128	
1,1-Dichloropropene	ug/L	50	51.2	102	78-120	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	75-126	
1,2,3-Trichloropropane	ug/L	50	50.8	102	71-131	
1,2,4-Trichlorobenzene	ug/L	50	47.0	94	76-130	
1,2,4-Trimethylbenzene	ug/L	50	50.3	101	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	53.7	107	76-122	
1,2-Dichlorobenzene	ug/L	50	51.2	102	79-113	
1,2-Dichloroethane	ug/L	50	49.7	99	66-127	
1,2-Dichloropropane	ug/L	50	58.1	116	75-127	
1,3,5-Trimethylbenzene	ug/L	50	51.0	102	78-116	
1,3-Dichlorobenzene	ug/L	50	50.9	102	79-120	
1,3-Dichloropropane	ug/L	50	52.8	106	81-121	
1,4-Dichlorobenzene	ug/L	50	48.8	98	77-117	
1-Methylnaphthalene	ug/L	50	49.6	99	65-142	
2,2-Dichloropropane	ug/L	50	40.1	80	56-134	
2-Butanone (MEK)	ug/L	250	254	102	61-138	
2-Chlorotoluene	ug/L	50	49.9	100	73-125	
2-Hexanone	ug/L	250	254	102	58-138	
2-Methylnaphthalene	ug/L	50	52.1	104	60-136	
4-Chlorotoluene	ug/L	50	51.7	103	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	252	101	60-131	
Acetone	ug/L	250	242	97	57-126	
Acrolein	ug/L	1000	771	77	56-120	
Acrylonitrile	ug/L	250	276	110	65-127	
Benzene	ug/L	50	55.0	110	75-118	
Bromobenzene	ug/L	50	49.8	100	68-127	
Bromochloromethane	ug/L	50	54.2	108	66-126	
Bromodichloromethane	ug/L	50	55.6	111	75-120	
Bromoform	ug/L	50	54.0	108	61-119	
Bromomethane	ug/L	50	31.4	63	12-184	
Carbon disulfide	ug/L	50	51.2	102	71-123	
Carbon tetrachloride	ug/L	50	56.8	114	73-125	
Chlorobenzene	ug/L	50	52.0	104	80-115	
Chloroethane	ug/L	50	52.9	106	46-133	
Chloroform	ug/L	50	53.0	106	75-117	
Chloromethane	ug/L	50	45.4	91	33-124	
cis-1,2-Dichloroethene	ug/L	50	56.1	112	76-120	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	73-130	
Dibromochloromethane	ug/L	50	52.9	106	69-124	
Dibromomethane	ug/L	50	57.8	116	76-124	
Dichlorodifluoromethane	ug/L	50	45.2	90	36-145	
Ethyl methacrylate	ug/L	50	52J	104	67-140	
Ethylbenzene	ug/L	50	53.0	106	78-120	
Hexachloro-1,3-butadiene	ug/L	50	43.8	88	79-137	
Iodomethane	ug/L	50	45.5	91	10-184	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	82-122	

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

LABORATORY CONTROL SAMPLE: 2813916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	52.6	105	79-125	
Methylene Chloride	ug/L	50	51.8	104	68-126	
n-Butylbenzene	ug/L	50	45.8	92	73-123	
n-Hexane	ug/L	50	43.3	87	71-143	
n-Propylbenzene	ug/L	50	49.8	100	75-119	
Naphthalene	ug/L	50	53.0	106	70-130	
p-Isopropyltoluene	ug/L	50	47.8	96	82-119	
sec-Butylbenzene	ug/L	50	48.2	96	79-119	
Styrene	ug/L	50	51.4	103	80-121	
tert-Butylbenzene	ug/L	50	49.4	99	58-106	
Tetrachloroethene	ug/L	50	58.4	117	70-123	
Toluene	ug/L	50	52.9	106	72-114	
trans-1,2-Dichloroethene	ug/L	50	54.8	110	79-126	
trans-1,3-Dichloropropene	ug/L	50	53.2	106	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	39.2J	78	34-130	
Trichloroethene	ug/L	50	57.5	115	78-120	
Trichlorofluoromethane	ug/L	50	43.9	88	57-156	
Vinyl acetate	ug/L	200	123	62	50-116	
Vinyl chloride	ug/L	50	48.1	96	55-122	
Xylene (Total)	ug/L	150	150	100	81-118	
4-Bromofluorobenzene (S)	%			99	85-116	
Dibromofluoromethane (S)	%			96	75-120	
Toluene-d8 (S)	%			97	83-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2813917 2813918

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50281577001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	ug/L	<0.29	50	50	52.7	52.7	105	105	51-135	0	20		
1,1,1-Trichloroethane	ug/L	<0.46	50	50	55.8	55.8	112	112	56-144	0	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.44	50	50	52.1	53.4	104	107	47-137	2	20		
1,1,2-Trichloroethane	ug/L	<0.38	50	50	54.1	55.4	108	111	55-136	2	20		
1,1-Dichloroethane	ug/L	<0.35	50	50	53.5	54.4	107	109	53-140	2	20		
1,1-Dichloroethene	ug/L	<0.28	50	50	51.7	52.1	103	104	60-140	1	20		
1,1-Dichloropropene	ug/L	<0.42	50	50	51.7	52.4	103	105	54-136	1	20		
1,2,3-Trichlorobenzene	ug/L	<0.48	50	50	41.4	43.7	83	87	35-140	5	20		
1,2,3-Trichloropropane	ug/L	<1.1	50	50	48.6	51.3	97	103	54-142	6	20		
1,2,4-Trichlorobenzene	ug/L	<0.39	50	50	40.3	43.2	81	86	31-143	7	20		
1,2,4-Trimethylbenzene	ug/L	<0.30	50	50	45.6	48.3	91	97	13-152	6	20		
1,2-Dibromoethane (EDB)	ug/L	<0.30	50	50	53.4	53.7	107	107	56-136	1	20		
1,2-Dichlorobenzene	ug/L	<0.38	50	50	48.5	50.4	97	101	38-133	4	20		
1,2-Dichloroethane	ug/L	<0.31	50	50	48.6	49.0	97	98	46-145	1	20		
1,2-Dichloropropane	ug/L	<0.38	50	50	58.1	58.7	116	117	55-141	1	20		
1,3,5-Trimethylbenzene	ug/L	<0.29	50	50	46.4	48.7	93	97	23-145	5	20		
1,3-Dichlorobenzene	ug/L	<0.28	50	50	47.1	49.9	94	100	31-144	6	20		

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2813917												2813918											
Parameter	Units	50281577001		MS	MSD	MS		MSD		% Rec Limits	RPD	Max RPD	Qual										
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec														
1,3-Dichloropropane	ug/L	<0.31	50	50	50	52.1	53.3	104	107	60-139	2	20											
1,4-Dichlorobenzene	ug/L	<0.24	50	50	50	45.6	47.5	91	95	31-138	4	20											
1-Methylnaphthalene	ug/L	<1.2	50	50	50	36.9	43.1	74	86	40-150	15	20											
2,2-Dichloropropane	ug/L	<0.29	50	50	50	35.7	34.8	71	70	34-137	3	20											
2-Butanone (MEK)	ug/L	<2.9	250	250	250	251	246	100	99	42-150	2	20											
2-Chlorotoluene	ug/L	<0.28	50	50	50	47.6	49.7	95	99	28-148	4	20											
2-Hexanone	ug/L	<2.2	250	250	250	250	253	100	101	43-146	1	20											
2-Methylnaphthalene	ug/L	<1.0	50	50	50	39.0	46.2	78	92	32-142	17	20											
4-Chlorotoluene	ug/L	<0.37	50	50	50	48.6	50.7	97	101	25-145	4	20											
4-Methyl-2-pentanone (MIBK)	ug/L	<2.0	250	250	250	246	249	98	100	42-142	1	20											
Acetone	ug/L	<2.5	250	250	250	242	240	97	96	36-142	1	20											
Acrolein	ug/L	<2.4	1000	1000	1000	657	679	66	68	28-122	3	20											
Acrylonitrile	ug/L	<1.6	250	250	250	264	265	106	106	48-137	0	20											
Benzene	ug/L	0.99J	50	50	50	55.6	56.5	109	111	49-135	2	20											
Bromobenzene	ug/L	<0.41	50	50	50	49.0	49.3	98	99	37-144	1	20											
Bromochloromethane	ug/L	<0.64	50	50	50	53.2	53.8	106	108	47-140	1	20											
Bromodichloromethane	ug/L	<0.33	50	50	50	54.0	55.5	108	111	55-133	3	20											
Bromoform	ug/L	<0.47	50	50	50	52.1	52.1	104	104	45-125	0	20											
Bromomethane	ug/L	<0.50	50	50	50	33.2	33.6	66	67	10-191	1	20											
Carbon disulfide	ug/L	<0.25	50	50	50	50.5	51.4	101	103	49-136	2	20											
Carbon tetrachloride	ug/L	<0.44	50	50	50	57.8	58.6	116	117	55-134	1	20											
Chlorobenzene	ug/L	<0.32	50	50	50	50.9	51.8	102	104	42-135	2	20											
Chloroethane	ug/L	<0.77	50	50	50	51.7	55.4	103	111	25-154	7	20											
Chloroform	ug/L	<0.30	50	50	50	53.0	53.5	106	107	57-130	1	20											
Chloromethane	ug/L	<0.59	50	50	50	40.8	40.1	82	80	17-129	2	20											
cis-1,2-Dichloroethene	ug/L	<0.31	50	50	50	56.4	57.5	113	115	53-134	2	20											
cis-1,3-Dichloropropene	ug/L	<0.21	50	50	50	49.9	50.4	100	101	50-136	1	20											
Dibromochloromethane	ug/L	<0.37	50	50	50	52.0	52.5	104	105	53-133	1	20											
Dibromomethane	ug/L	<1.2	50	50	50	57.8	58.4	116	117	57-139	1	20											
Dichlorodifluoromethane	ug/L	<1.3	50	50	50	45.5	44.4	91	89	21-154	2	20											
Ethyl methacrylate	ug/L	<0.41	50	50	50	50.7J	51.9J	101	104	56-148		20											
Ethylbenzene	ug/L	<0.36	50	50	50	52.0	52.3	104	105	28-147	1	20											
Hexachloro-1,3-butadiene	ug/L	<1.1	50	50	50	30.3	35.5	61	71	10-168	16	20											
Iodomethane	ug/L	<0.36	50	50	50	39.2	49.6	78	99	10-186	23	20	R1										
Isopropylbenzene (Cumene)	ug/L	<0.29	50	50	50	49.7	51.5	99	103	27-151	3	20											
Methyl-tert-butyl ether	ug/L	<0.31	50	50	50	50.1	52.8	100	106	60-142	5	20											
Methylene Chloride	ug/L	<0.86	50	50	50	49.6	50.3	99	101	46-138	1	20											
n-Butylbenzene	ug/L	<0.26	50	50	50	38.6	43.1	77	86	10-153	11	20											
n-Hexane	ug/L	<0.43	50	50	50	40.8	45.6	82	91	46-155	11	20											
n-Propylbenzene	ug/L	<0.26	50	50	50	46.3	49.0	93	98	20-149	6	20											
Naphthalene	ug/L	<0.27	50	50	50	48.1	50.3	96	101	41-139	4	20											
p-Isopropyltoluene	ug/L	<0.34	50	50	50	42.0	45.4	84	91	15-155	8	20											
sec-Butylbenzene	ug/L	<0.31	50	50	50	43.1	45.9	86	92	17-153	6	20											
Styrene	ug/L	<0.32	50	50	50	48.8	47.6	98	95	42-139	2	20											

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

Parameter	Units	2813917		2813918		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50281577001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
tert-Butylbenzene	ug/L	<0.28	50	50	46.6	48.5	93	97	18-123	4	20		
Tetrachloroethene	ug/L	10.3	50	50	64.3	66.0	108	111	32-140	3	20		
Toluene	ug/L	0.59J	50	50	52.8	53.9	104	107	42-131	2	20		
trans-1,2-Dichloroethene	ug/L	<0.27	50	50	55.6	55.4	111	111	57-138	0	20		
trans-1,3-Dichloropropene	ug/L	<0.36	50	50	50.1	51.2	100	102	47-128	2	20		
trans-1,4-Dichloro-2-butene	ug/L	<1.1	50	50	33J	33.2J	66	66	10-135		20		
Trichloroethene	ug/L	97.9	50	50	154	159	112	123	47-137	4	20		
Trichlorofluoromethane	ug/L	<0.38	50	50	42.5	43.3	85	87	42-163	2	20		
Vinyl acetate	ug/L	<0.93	200	200	90.0	98.8	45	49	10-114	9	20		
Vinyl chloride	ug/L	<0.41	50	50	46.8	47.3	94	95	36-136	1	20		
Xylene (Total)	ug/L	<0.55	150	150	148	151	99	101	30-145	2	20		
4-Bromofluorobenzene (S)	%						100	98	85-116				
Dibromofluoromethane (S)	%						98	98	75-120				
Toluene-d8 (S)	%						99	97	83-111				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Reed Manufacturing
Pace Project No.: 50281533

QC Batch: 610755 Analysis Method: EPA 5030/8260
QC Batch Method: EPA 5030/8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50281533001, 50281533006, 50281533007, 50281533009, 50281533010

METHOD BLANK: 2815041 Matrix: Water
Associated Lab Samples: 50281533001, 50281533006, 50281533007, 50281533009, 50281533010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	0.24	03/17/21 14:13	
1,1,1-Trichloroethane	ug/L	ND	5.0	0.40	03/17/21 14:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	0.26	03/17/21 14:13	
1,1,2-Trichloroethane	ug/L	ND	5.0	0.30	03/17/21 14:13	
1,1-Dichloroethane	ug/L	ND	5.0	0.41	03/17/21 14:13	
1,1-Dichloroethene	ug/L	ND	5.0	0.37	03/17/21 14:13	
1,1-Dichloropropene	ug/L	ND	5.0	0.47	03/17/21 14:13	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	0.50	03/17/21 14:13	
1,2,3-Trichloropropane	ug/L	ND	5.0	1.0	03/17/21 14:13	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	0.44	03/17/21 14:13	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	0.30	03/17/21 14:13	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	0.42	03/17/21 14:13	
1,2-Dichlorobenzene	ug/L	ND	5.0	0.30	03/17/21 14:13	
1,2-Dichloroethane	ug/L	ND	5.0	0.41	03/17/21 14:13	
1,2-Dichloropropane	ug/L	ND	5.0	0.35	03/17/21 14:13	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	0.31	03/17/21 14:13	
1,3-Dichlorobenzene	ug/L	ND	5.0	0.30	03/17/21 14:13	
1,3-Dichloropropane	ug/L	ND	5.0	0.31	03/17/21 14:13	
1,4-Dichlorobenzene	ug/L	ND	5.0	0.36	03/17/21 14:13	
1-Methylnaphthalene	ug/L	ND	10.0	1.1	03/17/21 14:13	
2,2-Dichloropropane	ug/L	ND	5.0	0.35	03/17/21 14:13	
2-Butanone (MEK)	ug/L	ND	25.0	2.1	03/17/21 14:13	
2-Chlorotoluene	ug/L	ND	5.0	0.31	03/17/21 14:13	
2-Hexanone	ug/L	ND	25.0	1.4	03/17/21 14:13	
2-Methylnaphthalene	ug/L	ND	10.0	0.64	03/17/21 14:13	
4-Chlorotoluene	ug/L	ND	5.0	0.33	03/17/21 14:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	1.4	03/17/21 14:13	
Acetone	ug/L	ND	100	5.5	03/17/21 14:13	
Acrolein	ug/L	ND	50.0	7.4	03/17/21 14:13	
Acrylonitrile	ug/L	ND	100	1.2	03/17/21 14:13	
Benzene	ug/L	ND	5.0	0.31	03/17/21 14:13	
Bromobenzene	ug/L	ND	5.0	0.42	03/17/21 14:13	
Bromochloromethane	ug/L	ND	5.0	0.42	03/17/21 14:13	
Bromodichloromethane	ug/L	ND	5.0	0.29	03/17/21 14:13	
Bromoform	ug/L	ND	5.0	0.42	03/17/21 14:13	
Bromomethane	ug/L	ND	5.0	1.6	03/17/21 14:13	
Carbon disulfide	ug/L	ND	10.0	0.32	03/17/21 14:13	
Carbon tetrachloride	ug/L	ND	5.0	0.48	03/17/21 14:13	
Chlorobenzene	ug/L	ND	5.0	0.33	03/17/21 14:13	
Chloroethane	ug/L	ND	5.0	1.7	03/17/21 14:13	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Reed Manufacturing
Pace Project No.: 50281533

METHOD BLANK: 2815041

Matrix: Water

Associated Lab Samples: 50281533001, 50281533006, 50281533007, 50281533009, 50281533010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	0.34	03/17/21 14:13	
Chloromethane	ug/L	ND	5.0	0.48	03/17/21 14:13	
cis-1,2-Dichloroethene	ug/L	ND	5.0	0.46	03/17/21 14:13	
cis-1,3-Dichloropropene	ug/L	ND	5.0	0.34	03/17/21 14:13	
Dibromochloromethane	ug/L	ND	5.0	0.34	03/17/21 14:13	
Dibromomethane	ug/L	ND	5.0	0.59	03/17/21 14:13	
Dichlorodifluoromethane	ug/L	ND	5.0	1.7	03/17/21 14:13	
Ethyl methacrylate	ug/L	ND	100	0.28	03/17/21 14:13	
Ethylbenzene	ug/L	ND	5.0	0.26	03/17/21 14:13	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	0.67	03/17/21 14:13	
Iodomethane	ug/L	ND	10.0	2.7	03/17/21 14:13	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	0.34	03/17/21 14:13	
Methyl-tert-butyl ether	ug/L	ND	4.0	0.31	03/17/21 14:13	
Methylene Chloride	ug/L	ND	5.0	0.72	03/17/21 14:13	
n-Butylbenzene	ug/L	ND	5.0	0.32	03/17/21 14:13	
n-Hexane	ug/L	ND	5.0	0.30	03/17/21 14:13	
n-Propylbenzene	ug/L	ND	5.0	0.29	03/17/21 14:13	
Naphthalene	ug/L	ND	1.7	0.25	03/17/21 14:13	
p-Isopropyltoluene	ug/L	ND	5.0	0.31	03/17/21 14:13	
sec-Butylbenzene	ug/L	ND	5.0	0.32	03/17/21 14:13	
Styrene	ug/L	ND	5.0	0.26	03/17/21 14:13	
tert-Butylbenzene	ug/L	ND	5.0	0.32	03/17/21 14:13	
Tetrachloroethene	ug/L	ND	5.0	0.44	03/17/21 14:13	
Toluene	ug/L	ND	5.0	0.27	03/17/21 14:13	
trans-1,2-Dichloroethene	ug/L	ND	5.0	0.32	03/17/21 14:13	
trans-1,3-Dichloropropene	ug/L	ND	5.0	0.27	03/17/21 14:13	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	0.82	03/17/21 14:13	
Trichloroethene	ug/L	ND	5.0	0.46	03/17/21 14:13	
Trichlorofluoromethane	ug/L	ND	5.0	0.24	03/17/21 14:13	
Vinyl acetate	ug/L	ND	50.0	0.60	03/17/21 14:13	
Vinyl chloride	ug/L	ND	2.0	0.28	03/17/21 14:13	
Xylene (Total)	ug/L	ND	10.0	0.68	03/17/21 14:13	
4-Bromofluorobenzene (S)	%	100	85-116		03/17/21 14:13	
Dibromofluoromethane (S)	%	99	75-120		03/17/21 14:13	
Toluene-d8 (S)	%	100	83-111		03/17/21 14:13	

LABORATORY CONTROL SAMPLE: 2815042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.7	111	78-120	
1,1,1-Trichloroethane	ug/L	50	57.2	114	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	106	64-126	
1,1,2-Trichloroethane	ug/L	50	56.2	112	73-125	
1,1-Dichloroethane	ug/L	50	52.7	105	77-123	

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

LABORATORY CONTROL SAMPLE: 2815042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	55.1	110	79-128	
1,1-Dichloropropene	ug/L	50	54.3	109	78-120	
1,2,3-Trichlorobenzene	ug/L	50	49.3	99	75-126	
1,2,3-Trichloropropane	ug/L	50	48.7	97	71-131	
1,2,4-Trichlorobenzene	ug/L	50	49.1	98	76-130	
1,2,4-Trimethylbenzene	ug/L	50	48.7	97	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	55.5	111	76-122	
1,2-Dichlorobenzene	ug/L	50	50.9	102	79-113	
1,2-Dichloroethane	ug/L	50	51.7	103	66-127	
1,2-Dichloropropane	ug/L	50	59.0	118	75-127	
1,3,5-Trimethylbenzene	ug/L	50	48.8	98	78-116	
1,3-Dichlorobenzene	ug/L	50	51.1	102	79-120	
1,3-Dichloropropane	ug/L	50	51.8	104	81-121	
1,4-Dichlorobenzene	ug/L	50	49.2	98	77-117	
1-Methylnaphthalene	ug/L	50	51.2	102	65-142	
2,2-Dichloropropane	ug/L	50	53.1	106	56-134	
2-Butanone (MEK)	ug/L	250	250	100	61-138	
2-Chlorotoluene	ug/L	50	49.1	98	73-125	
2-Hexanone	ug/L	250	244	97	58-138	
2-Methylnaphthalene	ug/L	50	52.9	106	60-136	
4-Chlorotoluene	ug/L	50	50.7	101	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	242	97	60-131	
Acetone	ug/L	250	214	85	57-126	
Acrolein	ug/L	1000	786	79	56-120	
Acrylonitrile	ug/L	250	263	105	65-127	
Benzene	ug/L	50	54.1	108	75-118	
Bromobenzene	ug/L	50	45.8	92	68-127	
Bromochloromethane	ug/L	50	51.1	102	66-126	
Bromodichloromethane	ug/L	50	57.0	114	75-120	
Bromoform	ug/L	50	44.6	89	61-119	
Bromomethane	ug/L	50	79.7	159	12-184	
Carbon disulfide	ug/L	50	51.7	103	71-123	
Carbon tetrachloride	ug/L	50	57.0	114	73-125	
Chlorobenzene	ug/L	50	50.8	102	80-115	
Chloroethane	ug/L	50	38.6	77	46-133	
Chloroform	ug/L	50	53.4	107	75-117	
Chloromethane	ug/L	50	36.8	74	33-124	
cis-1,2-Dichloroethene	ug/L	50	56.9	114	76-120	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	73-130	
Dibromochloromethane	ug/L	50	54.3	109	69-124	
Dibromomethane	ug/L	50	54.6	109	76-124	
Dichlorodifluoromethane	ug/L	50	25.4	51	36-145	
Ethyl methacrylate	ug/L	50	51.8J	104	67-140	
Ethylbenzene	ug/L	50	52.5	105	78-120	
Hexachloro-1,3-butadiene	ug/L	50	40.0	80	79-137	
Iodomethane	ug/L	50	118	237	10-184 L1	
Isopropylbenzene (Cumene)	ug/L	50	50.7	101	82-122	

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

LABORATORY CONTROL SAMPLE: 2815042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	53.0	106	79-125	
Methylene Chloride	ug/L	50	56.2	112	68-126	
n-Butylbenzene	ug/L	50	47.3	95	73-123	
n-Hexane	ug/L	50	53.6	107	71-143	
n-Propylbenzene	ug/L	50	50.0	100	75-119	
Naphthalene	ug/L	50	52.6	105	70-130	
p-Isopropyltoluene	ug/L	50	47.8	96	82-119	
sec-Butylbenzene	ug/L	50	47.8	96	79-119	
Styrene	ug/L	50	52.4	105	80-121	
tert-Butylbenzene	ug/L	50	48.5	97	58-106	
Tetrachloroethene	ug/L	50	56.1	112	70-123	
Toluene	ug/L	50	51.5	103	72-114	
trans-1,2-Dichloroethene	ug/L	50	57.4	115	79-126	
trans-1,3-Dichloropropene	ug/L	50	54.2	108	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	43.4J	87	34-130	
Trichloroethene	ug/L	50	56.0	112	78-120	
Trichlorofluoromethane	ug/L	50	40.4	81	57-156	
Vinyl acetate	ug/L	200	116	58	50-116	
Vinyl chloride	ug/L	50	42.9	86	55-122	
Xylene (Total)	ug/L	150	143	96	81-118	
4-Bromofluorobenzene (S)	%			98	85-116	
Dibromofluoromethane (S)	%			96	75-120	
Toluene-d8 (S)	%			96	83-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2815043 2815044

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50281533007 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	52.7	55.9	105	112	51-135	6	20		
1,1,1-Trichloroethane	ug/L	ND	50	50	57.6	60.6	115	121	56-144	5	20		
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	50.0	53.0	100	106	47-137	6	20		
1,1,2-Trichloroethane	ug/L	ND	50	50	54.0	58.2	108	116	55-136	7	20		
1,1-Dichloroethane	ug/L	ND	50	50	51.4	53.1	103	106	53-140	3	20		
1,1-Dichloroethene	ug/L	ND	50	50	55.4	57.6	111	115	60-140	4	20		
1,1-Dichloropropene	ug/L	ND	50	50	53.4	56.1	107	112	54-136	5	20		
1,2,3-Trichlorobenzene	ug/L	ND	50	50	42.1	45.9	84	92	35-140	9	20		
1,2,3-Trichloropropane	ug/L	ND	50	50	45.8	48.9	92	98	54-142	7	20		
1,2,4-Trichlorobenzene	ug/L	ND	50	50	41.6	44.7	83	89	31-143	7	20		
1,2,4-Trimethylbenzene	ug/L	ND	50	50	46.1	48.6	92	97	13-152	5	20		
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	52.5	56.2	105	112	56-136	7	20		
1,2-Dichlorobenzene	ug/L	ND	50	50	47.6	50.5	95	101	38-133	6	20		
1,2-Dichloroethane	ug/L	ND	50	50	49.5	51.2	99	102	46-145	3	20		
1,2-Dichloropropane	ug/L	ND	50	50	56.3	58.6	113	117	55-141	4	20		
1,3,5-Trimethylbenzene	ug/L	ND	50	50	45.9	47.7	92	95	23-145	4	20		
1,3-Dichlorobenzene	ug/L	ND	50	50	47.2	50.8	94	102	31-144	7	20		

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2815043												2815044											
Parameter	Units	50281533007		MS	MSD	MS		MSD		% Rec	% Rec	Limits	RPD	Max RPD	Qual								
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec														
1,3-Dichloropropane	ug/L	ND	50	50	50	48.2	52.0	96	104	60-139	7	20											
1,4-Dichlorobenzene	ug/L	ND	50	50	50	45.5	48.1	91	96	31-138	5	20											
1-Methylnaphthalene	ug/L	ND	50	50	50	37.3	43.8	75	88	40-150	16	20											
2,2-Dichloropropane	ug/L	ND	50	50	50	44.3	46.4	89	93	34-137	5	20											
2-Butanone (MEK)	ug/L	ND	250	250	250	230	246	92	98	42-150	7	20											
2-Chlorotoluene	ug/L	ND	50	50	50	47.0	49.1	94	98	28-148	4	20											
2-Hexanone	ug/L	ND	250	250	250	221	237	88	95	43-146	7	20											
2-Methylnaphthalene	ug/L	ND	50	50	50	41.3	48.0	83	96	32-142	15	20											
4-Chlorotoluene	ug/L	ND	50	50	50	47.7	49.1	95	98	25-145	3	20											
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	250	221	235	88	94	42-142	6	20											
Acetone	ug/L	ND	250	250	250	204	218	82	87	36-142	6	20											
Acrolein	ug/L	ND	1000	1000	1000	693	744	69	74	28-122	7	20											
Acrylonitrile	ug/L	ND	250	250	250	250	262	100	105	48-137	5	20											
Benzene	ug/L	ND	50	50	50	52.6	54.2	105	108	49-135	3	20											
Bromobenzene	ug/L	ND	50	50	50	52.5	44.6	105	89	37-144	16	20											
Bromochloromethane	ug/L	ND	50	50	50	50.0	51.6	100	103	47-140	3	20											
Bromodichloromethane	ug/L	ND	50	50	50	53.9	56.1	108	112	55-133	4	20											
Bromoform	ug/L	ND	50	50	50	41.1	43.9	82	88	45-125	7	20											
Bromomethane	ug/L	ND	50	50	50	76.5	76.7	153	153	10-191	0	20											
Carbon disulfide	ug/L	ND	50	50	50	50.3	52.4	101	105	49-136	4	20											
Carbon tetrachloride	ug/L	ND	50	50	50	54.9	58.7	110	117	55-134	7	20											
Chlorobenzene	ug/L	ND	50	50	50	48.6	51.1	97	102	42-135	5	20											
Chloroethane	ug/L	ND	50	50	50	40.0	39.8	80	80	25-154	0	20											
Chloroform	ug/L	ND	50	50	50	50.9	53.8	102	108	57-130	6	20											
Chloromethane	ug/L	ND	50	50	50	44.2	44.6	88	89	17-129	1	20											
cis-1,2-Dichloroethene	ug/L	ND	50	50	50	55.5	58.1	111	116	53-134	5	20											
cis-1,3-Dichloropropene	ug/L	ND	50	50	50	50.0	52.5	100	105	50-136	5	20											
Dibromochloromethane	ug/L	ND	50	50	50	51.5	54.8	103	110	53-133	6	20											
Dibromomethane	ug/L	ND	50	50	50	51.7	54.6	103	109	57-139	5	20											
Dichlorodifluoromethane	ug/L	ND	50	50	50	24.6	28.2	49	56	21-154	14	20											
Ethyl methacrylate	ug/L	ND	50	50	50	48J	52.3J	96	105	56-148		20											
Ethylbenzene	ug/L	ND	50	50	50	49.4	52.6	99	105	28-147	6	20											
Hexachloro-1,3-butadiene	ug/L	ND	50	50	50	32.4	34.1	65	68	10-168	5	20											
Iodomethane	ug/L	ND	50	50	50	71.9	105	144	210	10-186	38	20	M0,R1										
Isopropylbenzene (Cumene)	ug/L	ND	50	50	50	47.9	49.8	96	100	27-151	4	20											
Methyl-tert-butyl ether	ug/L	ND	50	50	50	49.8	52.9	100	106	60-142	6	20											
Methylene Chloride	ug/L	ND	50	50	50	52.6	53.7	105	107	46-138	2	20											
n-Butylbenzene	ug/L	ND	50	50	50	41.1	44.2	82	88	10-153	7	20											
n-Hexane	ug/L	ND	50	50	50	47.6	49.1	95	98	46-155	3	20											
n-Propylbenzene	ug/L	ND	50	50	50	47.1	49.6	94	99	20-149	5	20											
Naphthalene	ug/L	ND	50	50	50	45.5	49.9	91	100	41-139	9	20											
p-Isopropyltoluene	ug/L	ND	50	50	50	44.0	46.0	88	92	15-155	4	20											
sec-Butylbenzene	ug/L	ND	50	50	50	44.5	47.2	89	94	17-153	6	20											
Styrene	ug/L	ND	50	50	50	47.5	49.9	95	100	42-139	5	20											

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2815043		2815044		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50281533007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
tert-Butylbenzene	ug/L	ND	50	50	46.5	48.4	93	97	18-123	4	20		
Tetrachloroethene	ug/L	31.8	50	50	82.7	88.6	102	114	32-140	7	20		
Toluene	ug/L	ND	50	50	50.8	53.6	102	107	42-131	5	20		
trans-1,2-Dichloroethene	ug/L	ND	50	50	56.5	58.3	113	117	57-138	3	20		
trans-1,3-Dichloropropene	ug/L	ND	50	50	49.7	53.4	99	107	47-128	7	20		
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	36.8J	38.9J	74	78	10-135		20		
Trichloroethene	ug/L	54.6	50	50	107	111	105	113	47-137	3	20		
Trichlorofluoromethane	ug/L	ND	50	50	42.6	44.0	85	88	42-163	3	20		
Vinyl acetate	ug/L	ND	200	200	101	106	51	53	10-114	4	20		
Vinyl chloride	ug/L	ND	50	50	45.7	47.7	91	95	36-136	4	20		
Xylene (Total)	ug/L	ND	150	150	135	143	90	95	30-145	6	20		
4-Bromofluorobenzene (S)	%						98	98	85-116				
Dibromofluoromethane (S)	%						97	97	75-120				
Toluene-d8 (S)	%						97	99	83-111				

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QUALITY CONTROL DATA

Project: Reed Manufacturing
Pace Project No.: 50281533

QC Batch: 610756 Analysis Method: EPA 5030/8260
QC Batch Method: EPA 5030/8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50281533003, 50281533004, 50281533005, 50281533008

METHOD BLANK: 2815049 Matrix: Water
Associated Lab Samples: 50281533003, 50281533004, 50281533005, 50281533008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	0.29	03/17/21 14:29	
1,1,1-Trichloroethane	ug/L	ND	5.0	0.46	03/17/21 14:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	0.44	03/17/21 14:29	
1,1,2-Trichloroethane	ug/L	ND	5.0	0.38	03/17/21 14:29	
1,1-Dichloroethane	ug/L	ND	5.0	0.35	03/17/21 14:29	
1,1-Dichloroethene	ug/L	ND	5.0	0.28	03/17/21 14:29	
1,1-Dichloropropene	ug/L	ND	5.0	0.42	03/17/21 14:29	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	0.48	03/17/21 14:29	
1,2,3-Trichloropropane	ug/L	ND	5.0	1.1	03/17/21 14:29	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	0.39	03/17/21 14:29	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	0.30	03/17/21 14:29	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	0.30	03/17/21 14:29	
1,2-Dichlorobenzene	ug/L	ND	5.0	0.38	03/17/21 14:29	
1,2-Dichloroethane	ug/L	ND	5.0	0.31	03/17/21 14:29	
1,2-Dichloropropane	ug/L	ND	5.0	0.38	03/17/21 14:29	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	0.29	03/17/21 14:29	
1,3-Dichlorobenzene	ug/L	ND	5.0	0.28	03/17/21 14:29	
1,3-Dichloropropane	ug/L	ND	5.0	0.31	03/17/21 14:29	
1,4-Dichlorobenzene	ug/L	ND	5.0	0.24	03/17/21 14:29	
1-Methylnaphthalene	ug/L	ND	10.0	1.2	03/17/21 14:29	
2,2-Dichloropropane	ug/L	ND	5.0	0.29	03/17/21 14:29	
2-Butanone (MEK)	ug/L	ND	25.0	2.9	03/17/21 14:29	
2-Chlorotoluene	ug/L	ND	5.0	0.28	03/17/21 14:29	
2-Hexanone	ug/L	ND	25.0	2.2	03/17/21 14:29	
2-Methylnaphthalene	ug/L	ND	10.0	1.0	03/17/21 14:29	
4-Chlorotoluene	ug/L	ND	5.0	0.37	03/17/21 14:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	2.0	03/17/21 14:29	
Acetone	ug/L	ND	100	2.5	03/17/21 14:29	
Acrolein	ug/L	ND	50.0	2.4	03/17/21 14:29	
Acrylonitrile	ug/L	ND	100	1.6	03/17/21 14:29	
Benzene	ug/L	ND	5.0	0.29	03/17/21 14:29	
Bromobenzene	ug/L	ND	5.0	0.41	03/17/21 14:29	
Bromochloromethane	ug/L	ND	5.0	0.64	03/17/21 14:29	
Bromodichloromethane	ug/L	ND	5.0	0.33	03/17/21 14:29	
Bromoform	ug/L	ND	5.0	0.47	03/17/21 14:29	
Bromomethane	ug/L	ND	5.0	0.50	03/17/21 14:29	
Carbon disulfide	ug/L	ND	10.0	0.25	03/17/21 14:29	
Carbon tetrachloride	ug/L	ND	5.0	0.44	03/17/21 14:29	
Chlorobenzene	ug/L	ND	5.0	0.32	03/17/21 14:29	
Chloroethane	ug/L	ND	5.0	0.77	03/17/21 14:29	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

METHOD BLANK: 2815049

Matrix: Water

Associated Lab Samples: 50281533003, 50281533004, 50281533005, 50281533008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	0.30	03/17/21 14:29	
Chloromethane	ug/L	ND	5.0	0.59	03/17/21 14:29	
cis-1,2-Dichloroethene	ug/L	ND	5.0	0.31	03/17/21 14:29	
cis-1,3-Dichloropropene	ug/L	ND	5.0	0.21	03/17/21 14:29	
Dibromochloromethane	ug/L	ND	5.0	0.37	03/17/21 14:29	
Dibromomethane	ug/L	ND	5.0	1.2	03/17/21 14:29	
Dichlorodifluoromethane	ug/L	ND	5.0	1.3	03/17/21 14:29	
Ethyl methacrylate	ug/L	ND	100	0.41	03/17/21 14:29	
Ethylbenzene	ug/L	ND	5.0	0.36	03/17/21 14:29	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	1.1	03/17/21 14:29	
Iodomethane	ug/L	ND	10.0	0.36	03/17/21 14:29	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	0.29	03/17/21 14:29	
Methyl-tert-butyl ether	ug/L	ND	4.0	0.31	03/17/21 14:29	
Methylene Chloride	ug/L	ND	5.0	0.86	03/17/21 14:29	
n-Butylbenzene	ug/L	ND	5.0	0.26	03/17/21 14:29	
n-Hexane	ug/L	ND	5.0	0.43	03/17/21 14:29	
n-Propylbenzene	ug/L	ND	5.0	0.26	03/17/21 14:29	
Naphthalene	ug/L	ND	1.7	0.27	03/17/21 14:29	
p-Isopropyltoluene	ug/L	ND	5.0	0.34	03/17/21 14:29	
sec-Butylbenzene	ug/L	ND	5.0	0.31	03/17/21 14:29	
Styrene	ug/L	ND	5.0	0.32	03/17/21 14:29	
tert-Butylbenzene	ug/L	ND	5.0	0.28	03/17/21 14:29	
Tetrachloroethene	ug/L	ND	5.0	0.51	03/17/21 14:29	
Toluene	ug/L	ND	5.0	0.52	03/17/21 14:29	
trans-1,2-Dichloroethene	ug/L	ND	5.0	0.27	03/17/21 14:29	
trans-1,3-Dichloropropene	ug/L	ND	5.0	0.36	03/17/21 14:29	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	1.1	03/17/21 14:29	
Trichloroethene	ug/L	ND	5.0	0.48	03/17/21 14:29	
Trichlorofluoromethane	ug/L	ND	5.0	0.38	03/17/21 14:29	
Vinyl acetate	ug/L	ND	50.0	0.93	03/17/21 14:29	
Vinyl chloride	ug/L	ND	2.0	0.41	03/17/21 14:29	
Xylene (Total)	ug/L	ND	10.0	0.55	03/17/21 14:29	
4-Bromofluorobenzene (S)	%	101	85-116		03/17/21 14:29	
Dibromofluoromethane (S)	%	98	75-120		03/17/21 14:29	
Toluene-d8 (S)	%	98	83-111		03/17/21 14:29	

LABORATORY CONTROL SAMPLE: 2815050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.9	108	78-120	
1,1,1-Trichloroethane	ug/L	50	55.0	110	78-130	
1,1,2,2-Tetrachloroethane	ug/L	50	56.5	113	64-126	
1,1,2-Trichloroethane	ug/L	50	56.6	113	73-125	
1,1-Dichloroethane	ug/L	50	53.6	107	77-123	

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

LABORATORY CONTROL SAMPLE: 2815050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	51.1	102	79-128	
1,1-Dichloropropene	ug/L	50	52.6	105	78-120	
1,2,3-Trichlorobenzene	ug/L	50	51.0	102	75-126	
1,2,3-Trichloropropane	ug/L	50	52.1	104	71-131	
1,2,4-Trichlorobenzene	ug/L	50	50.1	100	76-130	
1,2,4-Trimethylbenzene	ug/L	50	51.4	103	76-119	
1,2-Dibromoethane (EDB)	ug/L	50	55.9	112	76-122	
1,2-Dichlorobenzene	ug/L	50	52.5	105	79-113	
1,2-Dichloroethane	ug/L	50	49.9	100	66-127	
1,2-Dichloropropane	ug/L	50	58.5	117	75-127	
1,3,5-Trimethylbenzene	ug/L	50	52.0	104	78-116	
1,3-Dichlorobenzene	ug/L	50	52.3	105	79-120	
1,3-Dichloropropane	ug/L	50	54.0	108	81-121	
1,4-Dichlorobenzene	ug/L	50	50.3	101	77-117	
1-Methylnaphthalene	ug/L	50	57.1	114	65-142	
2,2-Dichloropropane	ug/L	50	53.0	106	56-134	
2-Butanone (MEK)	ug/L	250	269	108	61-138	
2-Chlorotoluene	ug/L	50	51.3	103	73-125	
2-Hexanone	ug/L	250	274	109	58-138	
2-Methylnaphthalene	ug/L	50	59.0	118	60-136	
4-Chlorotoluene	ug/L	50	53.4	107	75-118	
4-Methyl-2-pentanone (MIBK)	ug/L	250	268	107	60-131	
Acetone	ug/L	250	252	101	57-126	
Acrolein	ug/L	1000	825	83	56-120	
Acrylonitrile	ug/L	250	281	112	65-127	
Benzene	ug/L	50	56.0	112	75-118	
Bromobenzene	ug/L	50	51.2	102	68-127	
Bromochloromethane	ug/L	50	53.8	108	66-126	
Bromodichloromethane	ug/L	50	55.8	112	75-120	
Bromoform	ug/L	50	54.5	109	61-119	
Bromomethane	ug/L	50	43.5	87	12-184	
Carbon disulfide	ug/L	50	52.2	104	71-123	
Carbon tetrachloride	ug/L	50	58.3	117	73-125	
Chlorobenzene	ug/L	50	53.2	106	80-115	
Chloroethane	ug/L	50	46.7	93	46-133	
Chloroform	ug/L	50	53.8	108	75-117	
Chloromethane	ug/L	50	41.0	82	33-124	
cis-1,2-Dichloroethene	ug/L	50	57.7	115	76-120	
cis-1,3-Dichloropropene	ug/L	50	54.9	110	73-130	
Dibromochloromethane	ug/L	50	54.0	108	69-124	
Dibromomethane	ug/L	50	59.1	118	76-124	
Dichlorodifluoromethane	ug/L	50	42.5	85	36-145	
Ethyl methacrylate	ug/L	50	53.9J	108	67-140	
Ethylbenzene	ug/L	50	54.1	108	78-120	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	79-137	
Iodomethane	ug/L	50	50.1	100	10-184	
Isopropylbenzene (Cumene)	ug/L	50	53.6	107	82-122	

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QUALITY CONTROL DATA

Project: Reed Manufacturing
Pace Project No.: 50281533

LABORATORY CONTROL SAMPLE: 2815050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	55.5	111	79-125	
Methylene Chloride	ug/L	50	51.6	103	68-126	
n-Butylbenzene	ug/L	50	49.3	99	73-123	
n-Hexane	ug/L	50	49.7	99	71-143	
n-Propylbenzene	ug/L	50	51.0	102	75-119	
Naphthalene	ug/L	50	55.9	112	70-130	
p-Isopropyltoluene	ug/L	50	49.8	100	82-119	
sec-Butylbenzene	ug/L	50	50.1	100	79-119	
Styrene	ug/L	50	53.3	107	80-121	
tert-Butylbenzene	ug/L	50	50.6	101	58-106	
Tetrachloroethene	ug/L	50	58.0	116	70-123	
Toluene	ug/L	50	54.8	110	72-114	
trans-1,2-Dichloroethene	ug/L	50	56.5	113	79-126	
trans-1,3-Dichloropropene	ug/L	50	54.6	109	68-122	
trans-1,4-Dichloro-2-butene	ug/L	50	43J	86	34-130	
Trichloroethene	ug/L	50	58.8	118	78-120	
Trichlorofluoromethane	ug/L	50	41.5	83	57-156	
Vinyl acetate	ug/L	200	123	62	50-116	
Vinyl chloride	ug/L	50	43.7	87	55-122	
Xylene (Total)	ug/L	150	157	105	81-118	
4-Bromofluorobenzene (S)	%			99	85-116	
Dibromofluoromethane (S)	%			96	75-120	
Toluene-d8 (S)	%			97	83-111	

MATRIX SPIKE SAMPLE: 2815052

Parameter	Units	50281516002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50.7	101	51-135	
1,1,1-Trichloroethane	ug/L	ND	50	55.2	110	56-144	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	51.5	103	47-137	
1,1,2-Trichloroethane	ug/L	ND	50	53.0	106	55-136	
1,1-Dichloroethane	ug/L	ND	50	51.6	103	53-140	
1,1-Dichloroethene	ug/L	ND	50	50.7	101	60-140	
1,1-Dichloropropene	ug/L	ND	50	51.5	103	54-136	
1,2,3-Trichlorobenzene	ug/L	ND	50	45.2	90	35-140	
1,2,3-Trichloropropane	ug/L	ND	50	48.4	97	54-142	
1,2,4-Trichlorobenzene	ug/L	ND	50	43.6	87	31-143	
1,2,4-Trimethylbenzene	ug/L	ND	50	47.2	94	13-152	
1,2-Dibromoethane (EDB)	ug/L	ND	50	51.2	102	56-136	
1,2-Dichlorobenzene	ug/L	ND	50	48.0	96	38-133	
1,2-Dichloroethane	ug/L	ND	50	47.4	95	46-145	
1,2-Dichloropropane	ug/L	ND	50	57.0	114	55-141	
1,3,5-Trimethylbenzene	ug/L	ND	50	48.2	96	23-145	
1,3-Dichlorobenzene	ug/L	ND	50	48.0	96	31-144	
1,3-Dichloropropane	ug/L	ND	50	50.2	100	60-139	

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QUALITY CONTROL DATA

Project: Reed Manufacturing
Pace Project No.: 50281533

MATRIX SPIKE SAMPLE: 2815052		50281516002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	50	46.1	92	31-138	
1-Methylnaphthalene	ug/L	ND	50	42.9	86	40-150	
2,2-Dichloropropane	ug/L	ND	50	42.3	85	34-137	
2-Butanone (MEK)	ug/L	ND	250	242	97	42-150	
2-Chlorotoluene	ug/L	ND	50	47.4	95	28-148	
2-Hexanone	ug/L	ND	250	238	95	43-146	
2-Methylnaphthalene	ug/L	ND	50	46.7	93	32-142	
4-Chlorotoluene	ug/L	ND	50	49.1	98	25-145	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	239	96	42-142	
Acetone	ug/L	ND	250	232	93	36-142	
Acrolein	ug/L	ND	1000	710	71	28-122	
Acrylonitrile	ug/L	ND	250	268	107	48-137	
Benzene	ug/L	ND	50	54.0	108	49-135	
Bromobenzene	ug/L	ND	50	47.3	95	37-144	
Bromochloromethane	ug/L	ND	50	52.5	105	47-140	
Bromodichloromethane	ug/L	ND	50	54.1	108	55-133	
Bromoform	ug/L	ND	50	50.8	102	45-125	
Bromomethane	ug/L	ND	50	29.1	58	10-191	
Carbon disulfide	ug/L	ND	50	50.2	100	49-136	
Carbon tetrachloride	ug/L	ND	50	57.2	114	55-134	
Chlorobenzene	ug/L	ND	50	49.7	99	42-135	
Chloroethane	ug/L	ND	50	47.4	95	25-154	
Chloroform	ug/L	ND	50	52.0	104	57-130	
Chloromethane	ug/L	ND	50	39.3	79	17-129	
cis-1,2-Dichloroethene	ug/L	ND	50	54.2	108	53-134	
cis-1,3-Dichloropropene	ug/L	ND	50	49.9	100	50-136	
Dibromochloromethane	ug/L	ND	50	51.5	103	53-133	
Dibromomethane	ug/L	ND	50	56.6	113	57-139	
Dichlorodifluoromethane	ug/L	ND	50	42.8	86	21-154	
Ethyl methacrylate	ug/L	ND	50	49.3J	99	56-148	
Ethylbenzene	ug/L	ND	50	50.8	102	28-147	
Hexachloro-1,3-butadiene	ug/L	ND	50	41.6	83	10-168	
Iodomethane	ug/L	ND	50	39.2	78	10-186	
Isopropylbenzene (Cumene)	ug/L	ND	50	50.2	100	27-151	
Methyl-tert-butyl ether	ug/L	ND	50	50.6	101	60-142	
Methylene Chloride	ug/L	ND	50	49.8	100	46-138	
n-Butylbenzene	ug/L	ND	50	43.2	86	10-153	
n-Hexane	ug/L	ND	50	42.6	85	46-155	
n-Propylbenzene	ug/L	ND	50	47.9	96	20-149	
Naphthalene	ug/L	ND	50	48.5	97	41-139	
p-Isopropyltoluene	ug/L	ND	50	45.4	91	15-155	
sec-Butylbenzene	ug/L	ND	50	45.8	92	17-153	
Styrene	ug/L	ND	50	49.7	99	42-139	
tert-Butylbenzene	ug/L	ND	50	47.4	95	18-123	
Tetrachloroethene	ug/L	ND	50	53.3	107	32-140	
Toluene	ug/L	ND	50	50.8	102	42-131	
trans-1,2-Dichloroethene	ug/L	ND	50	54.7	109	57-138	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

MATRIX SPIKE SAMPLE: 2815052		50281516002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	50	48.8	98	47-128	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	37.6J	75	10-135	
Trichloroethene	ug/L	ND	50	58.8	112	47-137	
Trichlorofluoromethane	ug/L	ND	50	41.3	83	42-163	
Vinyl acetate	ug/L	ND	200	98.2	49	10-114	
Vinyl chloride	ug/L	ND	50	46.8	94	36-136	
Xylene (Total)	ug/L	ND	150	145	97	30-145	
4-Bromofluorobenzene (S)	%				97	85-116	
Dibromofluoromethane (S)	%				98	75-120	
Toluene-d8 (S)	%				96	83-111	

SAMPLE DUPLICATE: 2815051

Parameter	Units	50281516001	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,1-Trichloroethane	ug/L	ND	ND		20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethene	ug/L	ND	ND		20	
1,1-Dichloropropene	ug/L	ND	ND		20	
1,2,3-Trichlorobenzene	ug/L	ND	ND		20	
1,2,3-Trichloropropane	ug/L	ND	ND		20	
1,2,4-Trichlorobenzene	ug/L	ND	ND		20	
1,2,4-Trimethylbenzene	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3,5-Trimethylbenzene	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,3-Dichloropropane	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
1-Methylnaphthalene	ug/L	ND	ND		20	
2,2-Dichloropropane	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Chlorotoluene	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
2-Methylnaphthalene	ug/L	ND	ND		20	
4-Chlorotoluene	ug/L	ND	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Acrolein	ug/L	ND	ND		20	
Acrylonitrile	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Reed Manufacturing

Pace Project No.: 50281533

SAMPLE DUPLICATE: 2815051

Parameter	Units	50281516001 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	ND	ND		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	ND	ND		20	
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Dibromomethane	ug/L	ND	ND		20	
Dichlorodifluoromethane	ug/L	ND	ND		20	
Ethyl methacrylate	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	
Hexachloro-1,3-butadiene	ug/L	ND	ND		20	
Iodomethane	ug/L	ND	ND		20	
Isopropylbenzene (Cumene)	ug/L	ND	ND		20	
Methyl-tert-butyl ether	ug/L	ND	ND		20	
Methylene Chloride	ug/L	ND	ND		20	
n-Butylbenzene	ug/L	ND	ND		20	
n-Hexane	ug/L	ND	ND		20	
n-Propylbenzene	ug/L	ND	ND		20	
Naphthalene	ug/L	ND	ND		20	
p-Isopropyltoluene	ug/L	ND	ND		20	
sec-Butylbenzene	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	
tert-Butylbenzene	ug/L	ND	ND		20	
Tetrachloroethene	ug/L	ND	ND		20	
Toluene	ug/L	ND	ND		20	
trans-1,2-Dichloroethene	ug/L	ND	ND		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
trans-1,4-Dichloro-2-butene	ug/L	ND	ND		20	
Trichloroethene	ug/L	ND	2.9J		20	
Trichlorofluoromethane	ug/L	ND	ND		20	
Vinyl acetate	ug/L	ND	ND		20	
Vinyl chloride	ug/L	ND	ND		20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%	99	99			
Dibromofluoromethane (S)	%	99	98			
Toluene-d8 (S)	%	96	99			

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QUALIFIERS

Project: Reed Manufacturing

Pace Project No.: 50281533

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 adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

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

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

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Reed Manufacturing

Pace Project No.: 50281533

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50281533001	Trip Blank	EPA 5030/8260	610755		
50281533002	Equipment Blank	EPA 5030/8260	610524		
50281533003	MW-3	EPA 5030/8260	610756		
50281533004	MW-5	EPA 5030/8260	610756		
50281533005	MW-7	EPA 5030/8260	610756		
50281533006	MW-11	EPA 5030/8260	610755		
50281533007	MW-23	EPA 5030/8260	610755		
50281533008	MW-30	EPA 5030/8260	610756		
50281533009	MW-31	EPA 5030/8260	610755		
50281533010	Dup-01	EPA 5030/8260	610755		

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SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: DMP 3/5/21 17:48

- 1. Courier: FED EX UPS CLIENT PACE USPS OTHER _____
- 2. Custody Seal on Cooler/Box Present: Yes No
(If yes)Seals Intact: Yes No (leave blank if no seals were present)
- 3. Thermometer: 1 2 3 4 5 6 A B C D E F
- 4. Cooler Temperature: 1.0/1.0
Temp should be above freezing to 6°C (Initial/Corrected)

- 5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____
- 6. Ice Type: Wet Blue None
- 7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base pres. Have been CHECKED?: exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			
Custody Signatures Present?	<input checked="" type="checkbox"/>		Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Extra labels on Terracore Vials? (soils only)		<u>N/A</u>	Trip Blank Present?	<input checked="" type="checkbox"/>		
			Trip Blank Custody Seals?:	<input checked="" type="checkbox"/>		

COMMENTS:

Sample Container Count

Sample Line Item	WGFU	SBS DI BK Kit	R	DG9H	VOA	VG9U	DG9U	DG9T	AG0U	AG1H	AG1U	AG3S	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H				Matrix	pH <2	pH >9	pH >10				
				VOA VIAL HS (>6mm)																														
1				3																											WT			
2																																		
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass				Plastic / Misc.			
DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpres amber glass	BG3U	250mL Unpres Clear Glass	BP3U	250mL unpreserved plastic
DG9H	40mL HCl amber vial	AG1H	1L HCl amber glass	BP1A	1L NaOH, Asc Acid plastic	BP3S	250mL H2SO4 plastic
DG9M	40mL MeOH clear vial	AG1S	1L H2SO4 amber glass	BP1N	1L HNO3 plastic	BP3Z	250mL NaOH, Zn Ac plastic
DG9P	40mL TSP amber vial	AG1T	1L Na Thiosulfate amber glass	BP1S	1L H2SO4 plastic	AF	Air Filter
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpres amber glass	BP1U	1L unpreserved plastic	C	Air Cassettes
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass	BP1Z	1L NaOH, Zn, Ac	R	Terra core kit
DG9U	40mL unpreserved amber vial	AG2S	500mL H2SO4 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	BP2N	500mL HNO3 plastic	U	Summa Can
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 amber glass	BP2O	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG3U	250mL unpres amber glass	BP2S	500mL H2SO4 plastic	WT	Water
VGFX	40mL w/hexane wipe vial	AG3C	250mL NaOH amber glass	BP2U	500mL unpreserved plastic	SL	Solid
VSG	Headspace septa vial & HCl	BG1H	1L HCl clear glass	BP2Z	500mL NaOH, Zn Ac	NAL	Non-aqueous liquid
WGKU	8oz unpreserved clear jar	BG1S	1L H2SO4 clear glass	BP3B	250mL NaOH plastic	WP	Wipe
WGFU	4oz clear soil jar	BG1T	1L Na Thiosulfate clear glass	BP3N	250mL HNO3 plastic		
JGFU	4oz unpreserved amber wide	BG1U	1L unpreserved glass	BP3F	250mL HNO3 plastic (field filtered)		
CG3H	250mL clear glass HCl	BG3H	250mL HCl Clear Glass				