

Endpoint Solutions

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Mr. Joseph J. Martinez
Wisconsin Department of Natural Resources
2300 North Martin Luther King Jr. Drive
Milwaukee, WI 53212

May 17, 2021

Subject: Report of Results

Additional Site Investigation
Krystal Cleaners – 145 East Sunset Drive, Waukesha, Wisconsin
BRRTS #: 02-68-576741 / FID #: 268280430

Dear Joe:

On January 13, 2021, Endpoint Solutions Corp. (Endpoint) submitted a *Report of Additional Site Investigation Activities* to the Wisconsin Department of Natural Resources (WDNR) for the Krystal Cleaners property located at 145 East Sunset Drive in the City of Waukesha, Waukesha County, Wisconsin (the "Site"). On March 15, 2021, the WDNR responded via a letter determining additional actions be taken and/or additional information be submitted.

According to the WDNR, the following specific additional investigation is requested.

1. Perform additional groundwater sampling to confirm the results at the monitoring well MW-6 location, determine the stability of the contaminant plume and confirm the groundwater flow direction. Specifically, the WDNR requested samples be collected from monitoring wells MW-1, MW-3, MW-4 and MW-6 and collect depth to groundwater measurements in all of the groundwater monitoring wells located on the Site.
2. Perform additional indoor air sampling to confirm the indoor air results within the 141, 143, 145 and 147 tenant spaces. The sampling should be conducted during the heating season using an eight (8) hour sample duration during normal business hours. A sample of the outdoor ambient air should also be collected.
3. Collect additional sub-slab differential pressure measurements from all existing vapor pin locations to demonstrate the sub-slab depressurization system (SSDS) is operating effectively.
4. Provide an evaluation for the potential for per- and polyfluoroalkyl substances (PFAS) or other emerging contaminants to be present in the environmental media at the Site.

SCOPE OF WORK

Based on the requirements outlined in the WDNR's March 15, 2021 letter, we performed the following scope of work:

1. Groundwater samples from existing monitoring wells MW-1, MW-3, MW-4 and MW-6 were collected for laboratory volatile organic compound (VOC) analysis. Depth to groundwater measurements were also collected from all of the existing monitoring wells.
2. Indoor air samples from the 141-, 143-, 145- and 147-tenant spaces and a sample of the outdoor ambient air were collected for laboratory VOC analysis.
3. Evaluated the 145-tenant space to identify cracks in the floor slab or gaps between the floor slab and the demising walls which could be acting as a short-circuit for the SSDS. Minor cracks were repaired with an elastic polyurethane concrete sealant. Following curing of the sealant, differential pressure measurements were collected from all of the vapor pins installed in the 141-, 143-, 145- and 147-tenant spaces.
4. Evaluated the potential for PFAS and emerging contaminants at the Site.

RESULTS

GROUNDWATER ELEVATION MEASUREMENTS

Prior to purging in preparation for groundwater sampling activities, depth to groundwater measurements were collected from each monitoring well using an electronic water level indicator (WLI). Using the surveyed top of casing elevation, the depth to groundwater measurements were used to calculate groundwater elevations. In general, the depth to groundwater varied between approximately seven (7) to eight (8) feet below the ground surface (ft bgs) across the Site. The depth to water measurements and calculated groundwater elevations are summarized in **Table A.6**.

With the exception of the groundwater elevation collected from monitoring well MW-1, the groundwater elevations in the remainder of the monitoring wells indicate a smooth horizontal gradient to the west-southwest, with an overall elevation difference of approximately 0.8 feet over the distance between monitoring wells MW-5 and MW-6, resulting in a horizontal gradient of approximately 0.012 ft/ft. A depiction of the groundwater flow conditions at the Site is provided on **Figure B.3.c.1**.

GROUNDWATER ANALYTICAL RESULTS

Following proper purging, groundwater samples were collected from monitoring wells MW-1, MW-3, MW-4 and MW-6 and submitted to Synergy Environmental Lab for VOC analysis.

The groundwater samples collected from monitoring wells MW-1 and MW-4 did not contain any detectable concentrations of VOC constituents.

The groundwater sample collected from monitoring well MW-3 contained a detection of trichloroethene (TCE) which was reported as an estimated concentration of 1.08 micrograms per

liter ($\mu\text{g/L}$). The result was reported as an estimate as the detection was above the limit of detection (LOD), but less than the limit of quantitation (LOQ) of the instrument. The estimated concentration of TCE in the groundwater sample collected from monitoring well MW-3 exceeded its preventive action limit (PAL).

The groundwater sample collected from monitoring well MW-6 contained detectable concentrations of cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene (PCE) and TCE. The concentrations of PCE and TCE detected in the groundwater sample collected from monitoring well MW-6 exceeded their respective enforcement standards (ES). The results of the groundwater sampling are summarized in **Table A.1** and are depicted on **Figure B.3.b**. Copies of the analytical data and chain-of-custody form are attached in **Appendix A**.

INDOOR AIR SAMPLING RESULTS

Indoor air samples were collected from the 141 East Sunset, 143 East Sunset, 145 East Sunset and 147 East Sunset tenant spaces on March 29, 2021 using the eight (8) hour collection method. At the same time the indoor air samples were being collected, an ambient air sample was collected from the exterior of the Site building behind the 145 East Sunset tenant space. While numerous VOC constituents were detected in each of the indoor air and ambient air samples, with the exception of acrolein in the samples from the 141, 145 and 147 tenant spaces and the outside ambient air, none of the detected VOC constituents were reported to be present at concentrations which exceeded indoor air vapor action levels for the small commercial scenario.

A closer review of the primary contaminants of concern at the Site (cis-1,2-DCE, PCE and TCE) indicates no elevated concentrations of cis-1,2-DCE were detected in any of the indoor air or ambient air samples. With the exception of the concentrations of PCE and TCE in the sub-slab vapor sample collected from the 147 East Sunset tenant space, which both exceeded their respective indoor air vapor action levels based on a residential scenario, but not the small commercial scenario which is applicable to the Site. No other indoor air vapor action levels were exceeded. Sources of Acrolein include emissions from combustion processes such as cigarette smoke and vehicle exhaust, emissions from its use in manufacturing, and vapors from cooking oil or grease being overheated, not dry-cleaning operations.

The results of the indoor air sampling are summarized in **Table A.4.b**. Copies of the analytical data and chain-of-custody form are attached in **Appendix A**.

SUB-SLAB VACUUM MEASUREMENTS

On April 28, 2021, Endpoint utilized a MRU Optima 7 Biogas Landfill Analyzer to measure the differential pressure in the sub-slab vapor monitoring points VP-1, VP-2, VP-141N, VP-141S, VP-143N, VP-143SR, VP-145 and VP-147S. The MRU Optima 7 was utilized to provide a more accurate measurement of the differential pressure.

Differential pressure measurements at the main suction point and the secondary suction point were -2.30 and -1.00 inches H_2O , respectively. Differential pressure readings at the sub-slab vapor

monitoring points ranged from a low of -0.011 inches H₂O at VP-141N to a high of -0.124 inches H₂O at VP-1. A summary of the differential pressure measurements is provided in **Table A.4.c**.

EMERGING CONTAMINANTS EVALUATION

The dry-cleaning establishment formerly located in the 145 East Sunset tenant space is no longer present. The dry cleaner ceased operations in 2018 and removed all of the dry-cleaning equipment. An online search for information regarding the establishment and services provided discovered the photograph included below.



According to the information provided by this photograph, services at the establishment were limited to dry-cleaning and water-based laundry services. There is no indication that waterproofing services were provided at the Site.

DISCUSSION

GROUNDWATER

The depth to groundwater elevations indicate a relatively smooth gradient to the west-southwest at approximately 0.012 ft/ft. There appears to be a discrepancy with either the depth to groundwater measurement, the surveyed top of casing elevation or an unknown subsurface preferential pathway causing water to flow from the MW-1 screen and casing. Based on the unnaturally low groundwater elevation in monitoring MW-1, the elevation was not utilized during preparation of the groundwater flow map. Regardless, the groundwater appears to be flowing towards monitoring wells MW-4 and MW-5, which exhibit a lack of detectable CVOCs during the most recent groundwater sampling events, indicating the extent of groundwater contamination is stable and confined to the Site.

Furthermore, the historic groundwater monitoring results indicate a general reduction in the concentrations of CVOCs over time. Monitoring wells MW-1, MW-3 and MW-4 contained concentrations of CVOCs which exceeded their respective PALs and ESs at the onset of the investigation activities in 2016. Samples collected from monitoring MW-1 in August 2020 and April 2021 did not contain any detectable VOC constituents, the concentration of PCE in the sample collected from monitoring well MW-3 in April 2021 is less than 50% of the concentration of PCE detected in monitoring well MW-3 during the February 2016 sampling event, and the samples collected from monitoring MW-1 in August 2020 and April 2021 did not contain any detectable VOC constituents. Samples collected from monitoring wells MW-2 and MW-5 and piezometer PZ-1 have contained sporadic estimated concentrations of one (1) or two (2) VOC constituents throughout the sampling activities between 2016 and 2020.

Finally, the concentration of PCE detected in newly installed monitoring well MW-6 decreased from 176 µg/L in August 2020 to 152 µg/L in April 2021, and the concentration of cis-1,2-DCE decreased from 7.3 µg/L to 4.2 µg/L, which is below its PAL.

Based on this information, it is our opinion the horizontal and vertical extent of the groundwater impacts have been adequately delineated, the downgradient extent of the contamination does not extend beyond the monitoring well MW-4 location, and the concentration of contaminants beneath the building will disperse and degrade over time without causing undue risk to human health or the environment. As such, we request the WDNR concur with this determination and allow for closure of the environmental repair program (ERP) case. As part of the closure approval, it is expected an ES exemption will be required for monitoring well MW-6.

INDOOR AIR

A second set of indoor air samples were collected from the 141 East Sunset, 143 East Sunset, 145 East Sunset and 147 East Sunset tenant spaces on March 29, 2021 as requested during the winter heating season. In conjunction with the indoor air sampling, a sample of the ambient air outside of the Site building was also collected. With the exception of indoor air vapor action level exceedances for a small commercial scenario for acrolein, no VOC constituents, including PCE or TCE were detected at concentrations which exceeded their respective indoor air vapor action levels for a small commercial scenario. The concentrations of PCE and TCE detected in the indoor air in the 147 East Sunset tenant space did exceed the indoor air vapor action levels for a residential scenario; however, the 147 East Sunset tenant space is an embroidery and screen-printing commercial establishment located in a retail strip mall. Residential use is not allowed on the Site per the zoning code without a variance request.

It should be noted that many of the VOC constituents detected in the indoor air samples were also detected in the ambient air sample at comparable concentrations; therefore indicating the indoor air is not being impacted by the residual contaminants present beneath the floor slab. As such, we request the WDNR concur with this determination that the indoor air is not being affected by the residual contamination; and therefore, the ERP case can be closed with no additional mitigation measures necessary.

SUB-SLAB VAPOR

Measurements of the differential pressure between the sub-slab space and the indoor air were made with a MRU OPTIMA 7 Biogas Landfill Analyzer to evaluate the effectiveness of the SSDS. All of the sub-slab vapor monitoring points checked with the MRU OPTIMA 7 Biogas Landfill Analyzer indicated a negative differential pressure gradient. This information indicates the operation of the existing SSDS is sufficient to prevent sub-slab vapors from entering the indoor air at the Site. Based on this, we request the WDNR concur with our determination that the existing SSDS is operating as designed and effectively creating a pressure gradient beneath the slab which will prevent vapors from entering the building. We request the ERP case be closed with a continuing obligation associated with the continued operation and maintenance of the SSDS.

EMERGING CONTAMINANTS

While the quantity of information is limited due to the business no longer operating at the Site, online information regarding services provided at Krystal Cleaners obtained from Yelp did not include waterproofing. Therefore, it is our opinion the possibility of PFAS-associated impacts at the Site is minimal. Furthermore, while chlorinated solvents were utilized in the dry-cleaning process, it is our understanding that 1,4-dioxane was utilized as a stabilizer in chlorinated solvents used for metal degreasing purposes to prevent etching and pitting of the metal parts. Therefore, it is also our opinion that 1,4-dioxane contamination is unlikely at the Site. As such, we request the WDNR to determine that the emerging contaminants evaluation is complete, and no further evaluation is necessary.

CLOSING

We trust the information presented in this report and the attachments clearly communicates the additional data collected. Please do not hesitate to call if you have any questions.

Sincerely,

Endpoint Solutions



Robert A. Cigale, P.G.
Principal


cc: Don Scherf – Scherf Properties II

ATTACHMENTS

Certification
Tables
Figures
Appendix A

CERTIFICATION

I, Robert A. Cigale, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Signature, title

332
P.G. number

May 17, 2021
Date

TABLES

TABLE A.1 – GROUNDWATER ANALYTICAL RESULTS

TABLE A.4.B – INDOOR AIR ANALYTICAL RESULTS

TABLE A.4.C – DIFFERENTIAL PRESSURE MEASUREMENTS

TABLE A.6 – WATER LEVEL ELEVATIONS

Table A.4.c
Differential Pressure Measurements

145 E. Sunset Dr.
Waukesha, Wisconsin
02-68-576741 / 268280430

Vacuum Point	Date	Vacuum Reading inches of water ("H ₂ O)
Main Suction Point	4/28/2021	-2.30
Secondary Suction Point	4/28/2021	-1.00
VP-1	4/28/2021	-0.124
VP-2	4/28/2021	-0.046
VP-141N	4/28/2021	-0.011
VP-141S	4/28/2021	-0.012
VP-143N	4/28/2021	could not access
VP-143SR	4/28/2021	-0.041
VP-145N	4/28/2021	-0.079
VP-147S	4/28/2021	-0.060

**Table A.6
Water Level Elevations**

131 E. Sunset Dr.
Waukesha, Wisconsin
02-68-576741 / 268280430

Well	Date	Ground Surface Elevation	TOC Elevation	Depth to Water	Groundwater Elevation	Depth Below Ground Surface
MW-1	2/16/2016	891.28	890.86	6.63	884.23	7.05
	5/5/2016			5.28	885.58	5.70
	9/29/2016			7.38	883.48	7.80
	12/12/2016			7.51	883.35	7.93
	3/22/2017			6.21	884.65	6.63
	6/8/2017			4.12	886.74	4.54
	9/11/2017			7.63	883.23	8.05
	12/12/2017			8.75	882.11	9.17
	8/26/2020			5.84	885.02	6.26
4/7/2021	7.49	883.37	7.91			
MW-2	2/16/2016	892.15	891.79	7.58	884.21	7.94
	5/5/2016			6.12	885.67	6.48
	9/29/2016			8.31	883.48	8.67
	12/12/2016			8.48	883.31	8.84
	3/22/2017			7.11	884.68	7.47
	6/8/2017			6.01	885.78	6.37
	9/11/2017			8.56	883.23	8.92
	12/12/2017			9.71	882.08	10.07
	8/26/2020			8.06	883.73	8.42
4/7/2021	7.83	883.96	8.19			
MW-3	2/16/2016	891.90	891.57	7.46	884.11	7.79
	5/5/2016			6.05	885.52	6.38
	9/29/2016			8.17	883.40	8.50
	12/12/2016			8.39	883.18	8.72
	3/22/2017			7.08	884.49	7.41
	6/8/2017			5.88	885.69	6.21
	9/11/2017			8.52	883.05	8.85
	12/12/2017			8.52	883.05	8.85
	8/26/2020			7.94	883.63	8.27
4/7/2021	7.72	883.85	8.05			
MW-4	5/5/2016	890.64	890.22	5.26	884.96	5.68
	9/29/2016			7.12	883.10	7.54
	12/12/2016			7.31	882.91	7.73
	3/22/2017			6.07	884.15	6.49
	6/8/2017			5.14	885.08	5.56
	9/11/2017			7.52	882.70	7.94
	12/12/2017			8.54	881.68	8.96
	8/26/2020			6.88	883.34	7.30
4/7/2021	6.78	883.44	7.20			
MW-5	5/5/2016	889.85	889.42	4.89	884.53	5.32
	9/29/2016			6.67	882.75	7.10
	12/12/2016			6.31	883.11	6.74
	3/22/2017			5.45	883.97	5.88
	6/8/2017			4.64	884.78	5.07
	9/11/2017			7.02	882.40	7.45
	12/12/2017			7.94	881.48	8.37
	8/26/2020			4.58	884.84	5.01
4/7/2021	6.12	883.30	6.55			
PZ-1	5/5/2016	891.24	890.86	6.77	884.09	7.15
	9/29/2016			8.85	882.01	9.23
	12/12/2016			7.72	883.14	8.10
	3/22/2017			6.26	884.60	6.64
	6/8/2017			5.18	885.68	5.56
	9/11/2017			7.76	883.10	8.14
	12/12/2017			8.90	881.96	9.28
	8/26/2020			5.86	885.00	6.24
4/7/2021	5.99	884.87	6.37			
MW-6	8/26/2020	890.92	891.04	7.74	883.30	7.62
	4/7/2021			6.92	884.12	6.80

Notes:

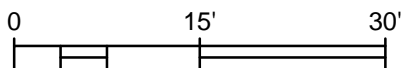
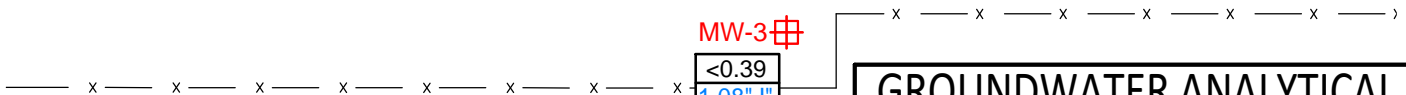
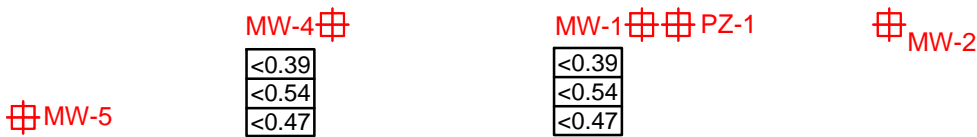
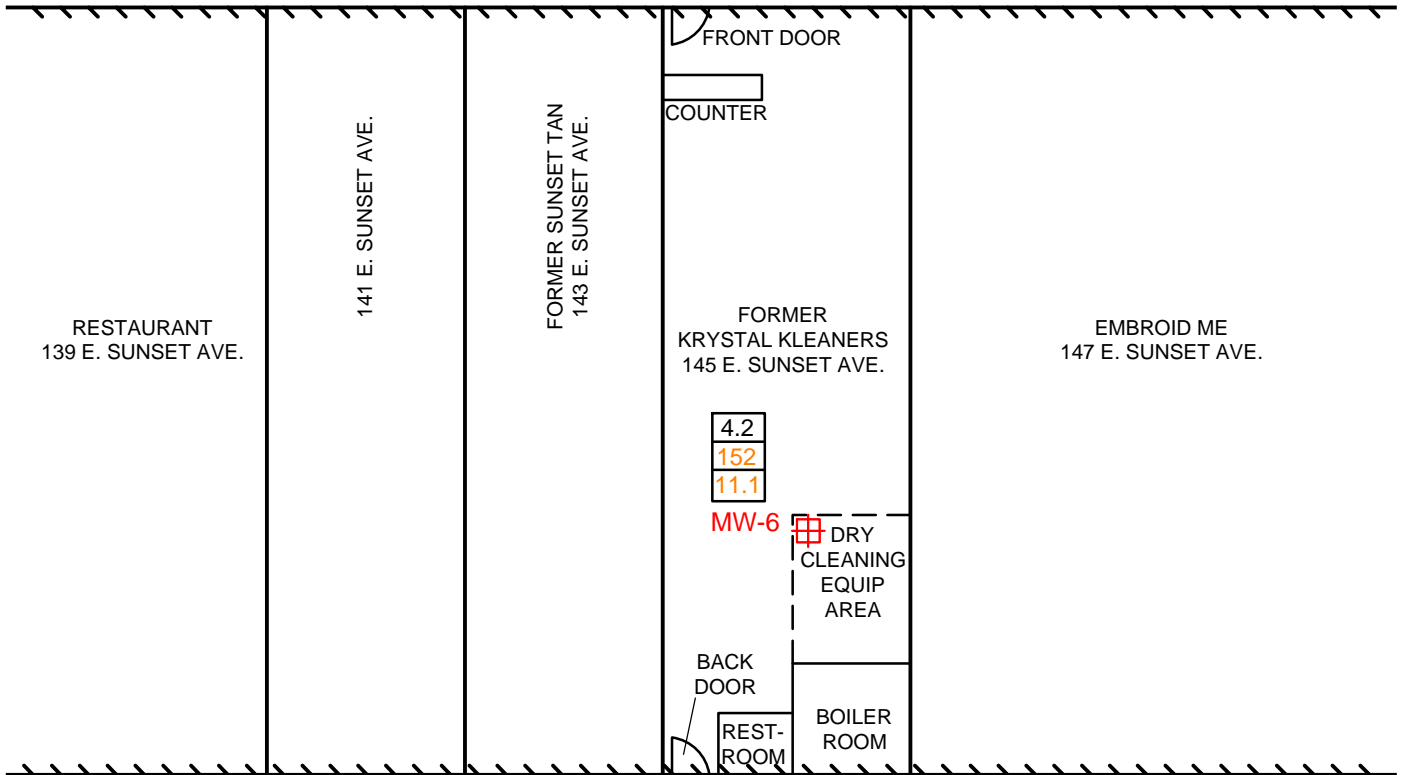
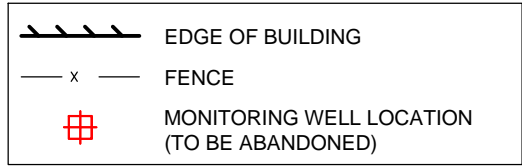
TOC = Top of casing
Elevations established using the Waukesha County GIS system contours

FIGURES

FIGURE B.3.B – GROUNDWATER ANALYTICAL RESULTS

FIGURE B.3.C.1 – GROUNDWATER FLOW MAP

	PAL	ES
C-1,2-DCE: C1S-1,2-DICHLOROETHENE	7	70
PCE: TETRACHLOROETHENE	0.5	5
TCE: TRICHLOROETHENE	0.5	5



GROUNDWATER ANALYTICAL RESULTS (4/7/21)

02-68-576741 KRYSTAL KLEANERS
145 E. SUNSET DRIVE
WAUKESHA, WISCONSIN 53186

Endpoint Solutions

6871 S. Lover's Lane
Franklin, WI 53132

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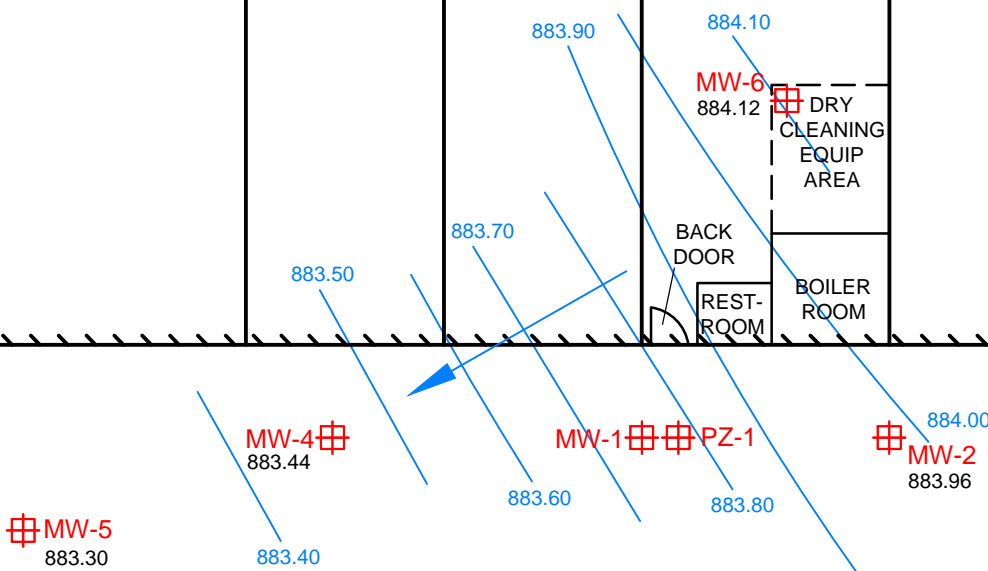
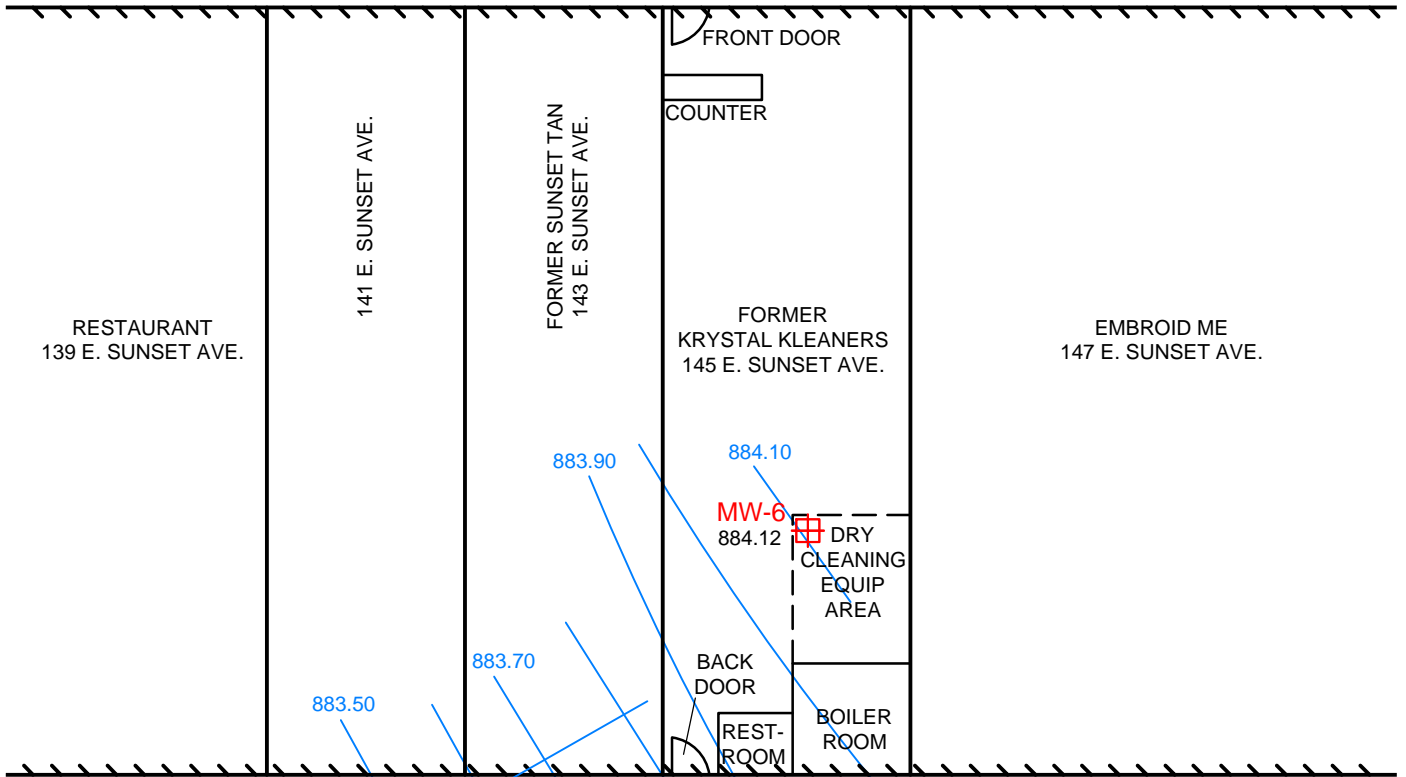
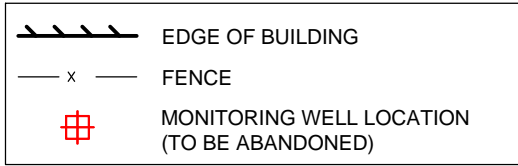
DRAWN BY: MLP

DATE: 05/14/2021

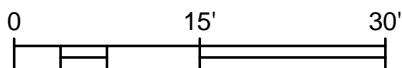
REVIEWED BY: RAC

PROJECT NO: 403-001-010

B.3.b



P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-010 Closure Figures\B.3.c.403-001-010 Groundwater Flow Map (4-7-21).dwg



GROUNDWATER FLOW MAP (4/7/21)

02-68-576741 KRYSTAL KLEANERS
145 E. SUNSET DRIVE
WAUKESHA, WISCONSIN 53186

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Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: MLP	DATE: 05/14/2021	B.3.c.1
REVIEWED BY: RAC	PROJECT NO: 403-001-010	

SOURCE:

APPENDIX A

ANALYTICAL RESULTS

CHAIN-OF-CUSTODY FORMS

Synergy Environmental Lab, INC

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

TIM PETRICK
ENDPOINT SOLUTIONS
6871 SOUTH LOVER'S LANE
FRANKLIN, WI 53132

Report Date 19-Apr-21

Project Name SCHERF-KRYSTAL KLEANERS
Project # 403-001-012-006

Invoice # E39256

Lab Code 5039256A
Sample ID MW-1
Sample Matrix Water
Sample Date 4/7/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.38	ug/l	0.38	1.55	1	8260B		4/14/2021	CJR	1
Bromobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		4/14/2021	CJR	1
Bromodichloromethane	< 0.47	ug/l	0.47	1.93	1	8260B		4/14/2021	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.87	1	8260B		4/14/2021	CJR	1
tert-Butylbenzene	< 0.45	ug/l	0.45	1.84	1	8260B		4/14/2021	CJR	1
sec-Butylbenzene	< 0.31	ug/l	0.31	1.28	1	8260B		4/14/2021	CJR	1
n-Butylbenzene	< 0.46	ug/l	0.46	1.88	1	8260B		4/14/2021	CJR	1
Carbon Tetrachloride	< 0.44	ug/l	0.44	1.79	1	8260B		4/14/2021	CJR	1
Chlorobenzene	< 0.38	ug/l	0.38	1.53	1	8260B		4/14/2021	CJR	1
Chloroethane	< 0.78	ug/l	0.78	3.16	1	8260B		4/14/2021	CJR	1
Chloroform	< 0.4	ug/l	0.4	1.64	1	8260B		4/14/2021	CJR	1
Chloromethane	< 0.84	ug/l	0.84	3.42	1	8260B		4/14/2021	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.47	1	8260B		4/14/2021	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.62	1	8260B		4/14/2021	CJR	1
1,2-Dibromo-3-chloropropane	< 0.54	ug/l	0.54	2.2	1	8260B		4/14/2021	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.85	1	8260B		4/14/2021	CJR	1
1,4-Dichlorobenzene	< 0.48	ug/l	0.48	1.97	1	8260B		4/14/2021	CJR	1
1,3-Dichlorobenzene	< 0.38	ug/l	0.38	1.54	1	8260B		4/14/2021	CJR	1
1,2-Dichlorobenzene	< 0.44	ug/l	0.44	1.81	1	8260B		4/14/2021	CJR	1
Dichlorodifluoromethane	< 0.55	ug/l	0.55	2.24	1	8260B		4/14/2021	CJR	1
1,2-Dichloroethane	< 0.44	ug/l	0.44	1.81	1	8260B		4/14/2021	CJR	1
1,1-Dichloroethane	< 0.48	ug/l	0.48	1.95	1	8260B		4/14/2021	CJR	1
1,1-Dichloroethene	< 0.55	ug/l	0.55	2.25	1	8260B		4/14/2021	CJR	1
cis-1,2-Dichloroethene	< 0.39	ug/l	0.39	1.59	1	8260B		4/14/2021	CJR	1
trans-1,2-Dichloroethene	< 0.6	ug/l	0.6	2.46	1	8260B		4/14/2021	CJR	1

Project Name SCHERF-KRYSTAL KLEANERS
Project # 403-001-012-006

Invoice # E39256

Lab Code 5039256A
Sample ID MW-1
Sample Matrix Water
Sample Date 4/7/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.38	ug/l	0.38	1.54	1	8260B		4/14/2021	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.64	1	8260B		4/14/2021	CJR	1
trans-1,3-Dichloropropene	< 0.45	ug/l	0.45	1.82	1	8260B		4/14/2021	CJR	1
cis-1,3-Dichloropropene	< 0.51	ug/l	0.51	2.07	1	8260B		4/14/2021	CJR	1
Di-isopropyl ether	< 0.47	ug/l	0.47	1.93	1	8260B		4/14/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.47	ug/l	0.47	1.9	1	8260B		4/14/2021	CJR	1
Ethylbenzene	< 0.37	ug/l	0.37	1.51	1	8260B		4/14/2021	CJR	1
Hexachlorobutadiene	< 0.75	ug/l	0.75	3	1	8260B		4/14/2021	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	1.24	1	8260B		4/14/2021	CJR	1
p-Isopropyltoluene	< 0.43	ug/l	0.43	1.76	1	8260B		4/14/2021	CJR	1
Methylene chloride	< 0.89	ug/l	0.89	3.38	1	8260B		4/14/2021	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.88	1	8260B		4/14/2021	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.67	1	8260B		4/14/2021	CJR	1
n-Propylbenzene	< 0.44	ug/l	0.44	1.79	1	8260B		4/14/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.36	ug/l	0.36	1.46	1	8260B		4/14/2021	CJR	1
1,1,1,2-Tetrachloroethane	< 0.76	ug/l	0.76	3.1	1	8260B		4/14/2021	CJR	1
Tetrachloroethene	< 0.54	ug/l	0.54	2.22	1	8260B		4/14/2021	CJR	1
Toluene	< 0.42	ug/l	0.42	1.71	1	8260B		4/14/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.67	ug/l	0.67	2.73	1	8260B		4/14/2021	CJR	1
1,2,3-Trichlorobenzene	< 0.66	ug/l	0.66	2.82	1	8260B		4/14/2021	CJR	1
1,1,1-Trichloroethane	< 0.41	ug/l	0.41	1.69	1	8260B		4/14/2021	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.96	1	8260B		4/14/2021	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.92	1	8260B		4/14/2021	CJR	1
Trichlorofluoromethane	< 0.49	ug/l	0.49	2.01	1	8260B		4/14/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.4	1	8260B		4/14/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.38	ug/l	0.38	1.55	1	8260B		4/14/2021	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.65	1	8260B		4/14/2021	CJR	1
m&p-Xylene	< 0.77	ug/l	0.77	3.14	1	8260B		4/14/2021	CJR	1
o-Xylene	< 0.44	ug/l	0.44	1.8	1	8260B		4/14/2021	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		4/14/2021	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		4/14/2021	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B		4/14/2021	CJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B		4/14/2021	CJR	1

Project Name SCHERF-KRYSTAL KLEANERS
Project # 403-001-012-006

Invoice # E39256

Lab Code 5039256B
Sample ID MW-3
Sample Matrix Water
Sample Date 4/7/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.38	ug/l	0.38	1.55	1	8260B		4/15/2021	CJR	1
Bromobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		4/15/2021	CJR	1
Bromodichloromethane	< 0.47	ug/l	0.47	1.93	1	8260B		4/15/2021	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.87	1	8260B		4/15/2021	CJR	1
tert-Butylbenzene	< 0.45	ug/l	0.45	1.84	1	8260B		4/15/2021	CJR	1
sec-Butylbenzene	< 0.31	ug/l	0.31	1.28	1	8260B		4/15/2021	CJR	1
n-Butylbenzene	< 0.46	ug/l	0.46	1.88	1	8260B		4/15/2021	CJR	1
Carbon Tetrachloride	< 0.44	ug/l	0.44	1.79	1	8260B		4/15/2021	CJR	1
Chlorobenzene	< 0.38	ug/l	0.38	1.53	1	8260B		4/15/2021	CJR	1
Chloroethane	< 0.78	ug/l	0.78	3.16	1	8260B		4/15/2021	CJR	1
Chloroform	< 0.4	ug/l	0.4	1.64	1	8260B		4/15/2021	CJR	1
Chloromethane	< 0.84	ug/l	0.84	3.42	1	8260B		4/15/2021	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.47	1	8260B		4/15/2021	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.62	1	8260B		4/15/2021	CJR	1
1,2-Dibromo-3-chloropropane	< 0.54	ug/l	0.54	2.2	1	8260B		4/15/2021	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.85	1	8260B		4/15/2021	CJR	1
1,4-Dichlorobenzene	< 0.48	ug/l	0.48	1.97	1	8260B		4/15/2021	CJR	1
1,3-Dichlorobenzene	< 0.38	ug/l	0.38	1.54	1	8260B		4/15/2021	CJR	1
1,2-Dichlorobenzene	< 0.44	ug/l	0.44	1.81	1	8260B		4/15/2021	CJR	1
Dichlorodifluoromethane	< 0.55	ug/l	0.55	2.24	1	8260B		4/15/2021	CJR	1
1,2-Dichloroethane	< 0.44	ug/l	0.44	1.81	1	8260B		4/15/2021	CJR	1
1,1-Dichloroethane	< 0.48	ug/l	0.48	1.95	1	8260B		4/15/2021	CJR	1
1,1-Dichloroethene	< 0.55	ug/l	0.55	2.25	1	8260B		4/15/2021	CJR	1
cis-1,2-Dichloroethene	< 0.39	ug/l	0.39	1.59	1	8260B		4/15/2021	CJR	1
trans-1,2-Dichloroethene	< 0.6	ug/l	0.6	2.46	1	8260B		4/15/2021	CJR	1
1,2-Dichloropropane	< 0.38	ug/l	0.38	1.54	1	8260B		4/15/2021	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.64	1	8260B		4/15/2021	CJR	1
trans-1,3-Dichloropropene	< 0.45	ug/l	0.45	1.82	1	8260B		4/15/2021	CJR	1
cis-1,3-Dichloropropene	< 0.51	ug/l	0.51	2.07	1	8260B		4/15/2021	CJR	1
Di-isopropyl ether	< 0.47	ug/l	0.47	1.93	1	8260B		4/15/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.47	ug/l	0.47	1.9	1	8260B		4/15/2021	CJR	1
Ethylbenzene	< 0.37	ug/l	0.37	1.51	1	8260B		4/15/2021	CJR	1
Hexachlorobutadiene	< 0.75	ug/l	0.75	3	1	8260B		4/15/2021	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	1.24	1	8260B		4/15/2021	CJR	1
p-Isopropyltoluene	< 0.43	ug/l	0.43	1.76	1	8260B		4/15/2021	CJR	1
Methylene chloride	< 0.89	ug/l	0.89	3.38	1	8260B		4/15/2021	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.88	1	8260B		4/15/2021	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.67	1	8260B		4/15/2021	CJR	1
n-Propylbenzene	< 0.44	ug/l	0.44	1.79	1	8260B		4/15/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.36	ug/l	0.36	1.46	1	8260B		4/15/2021	CJR	1
1,1,1,2-Tetrachloroethane	< 0.76	ug/l	0.76	3.1	1	8260B		4/15/2021	CJR	1
Tetrachloroethene	1.08 "J"	ug/l	0.54	2.22	1	8260B		4/15/2021	CJR	1
Toluene	< 0.42	ug/l	0.42	1.71	1	8260B		4/15/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.67	ug/l	0.67	2.73	1	8260B		4/15/2021	CJR	1

Project Name SCHERF-KRYSTAL KLEANERS
Project # 403-001-012-006

Invoice # E39256

Lab Code 5039256B
Sample ID MW-3
Sample Matrix Water
Sample Date 4/7/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.66	ug/l	0.66	2.82	1	8260B		4/15/2021	CJR	1
1,1,1-Trichloroethane	< 0.41	ug/l	0.41	1.69	1	8260B		4/15/2021	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.96	1	8260B		4/15/2021	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.92	1	8260B		4/15/2021	CJR	1
Trichlorofluoromethane	< 0.49	ug/l	0.49	2.01	1	8260B		4/15/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.4	1	8260B		4/15/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.38	ug/l	0.38	1.55	1	8260B		4/15/2021	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.65	1	8260B		4/15/2021	CJR	1
m&p-Xylene	< 0.77	ug/l	0.77	3.14	1	8260B		4/15/2021	CJR	1
o-Xylene	< 0.44	ug/l	0.44	1.8	1	8260B		4/15/2021	CJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B		4/15/2021	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		4/15/2021	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B		4/15/2021	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		4/15/2021	CJR	1

Project Name SCHERF-KRYSTAL KLEANERS
Project # 403-001-012-006

Invoice # E39256

Lab Code 5039256C
Sample ID MW-4
Sample Matrix Water
Sample Date 4/7/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.38	ug/l	0.38	1.55	1	8260B		4/15/2021	CJR	1
Bromobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		4/15/2021	CJR	1
Bromodichloromethane	< 0.47	ug/l	0.47	1.93	1	8260B		4/15/2021	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.87	1	8260B		4/15/2021	CJR	1
tert-Butylbenzene	< 0.45	ug/l	0.45	1.84	1	8260B		4/15/2021	CJR	1
sec-Butylbenzene	< 0.31	ug/l	0.31	1.28	1	8260B		4/15/2021	CJR	1
n-Butylbenzene	< 0.46	ug/l	0.46	1.88	1	8260B		4/15/2021	CJR	1
Carbon Tetrachloride	< 0.44	ug/l	0.44	1.79	1	8260B		4/15/2021	CJR	1
Chlorobenzene	< 0.38	ug/l	0.38	1.53	1	8260B		4/15/2021	CJR	1
Chloroethane	< 0.78	ug/l	0.78	3.16	1	8260B		4/15/2021	CJR	1
Chloroform	< 0.4	ug/l	0.4	1.64	1	8260B		4/15/2021	CJR	1
Chloromethane	< 0.84	ug/l	0.84	3.42	1	8260B		4/15/2021	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.47	1	8260B		4/15/2021	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.62	1	8260B		4/15/2021	CJR	1
1,2-Dibromo-3-chloropropane	< 0.54	ug/l	0.54	2.2	1	8260B		4/15/2021	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.85	1	8260B		4/15/2021	CJR	1
1,4-Dichlorobenzene	< 0.48	ug/l	0.48	1.97	1	8260B		4/15/2021	CJR	1
1,3-Dichlorobenzene	< 0.38	ug/l	0.38	1.54	1	8260B		4/15/2021	CJR	1
1,2-Dichlorobenzene	< 0.44	ug/l	0.44	1.81	1	8260B		4/15/2021	CJR	1
Dichlorodifluoromethane	< 0.55	ug/l	0.55	2.24	1	8260B		4/15/2021	CJR	1
1,2-Dichloroethane	< 0.44	ug/l	0.44	1.81	1	8260B		4/15/2021	CJR	1
1,1-Dichloroethane	< 0.48	ug/l	0.48	1.95	1	8260B		4/15/2021	CJR	1
1,1-Dichloroethene	< 0.55	ug/l	0.55	2.25	1	8260B		4/15/2021	CJR	1
cis-1,2-Dichloroethene	< 0.39	ug/l	0.39	1.59	1	8260B		4/15/2021	CJR	1
trans-1,2-Dichloroethene	< 0.6	ug/l	0.6	2.46	1	8260B		4/15/2021	CJR	1
1,2-Dichloropropane	< 0.38	ug/l	0.38	1.54	1	8260B		4/15/2021	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.64	1	8260B		4/15/2021	CJR	1
trans-1,3-Dichloropropene	< 0.45	ug/l	0.45	1.82	1	8260B		4/15/2021	CJR	1
cis-1,3-Dichloropropene	< 0.51	ug/l	0.51	2.07	1	8260B		4/15/2021	CJR	1
Di-isopropyl ether	< 0.47	ug/l	0.47	1.93	1	8260B		4/15/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.47	ug/l	0.47	1.9	1	8260B		4/15/2021	CJR	1
Ethylbenzene	< 0.37	ug/l	0.37	1.51	1	8260B		4/15/2021	CJR	1
Hexachlorobutadiene	< 0.75	ug/l	0.75	3	1	8260B		4/15/2021	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	1.24	1	8260B		4/15/2021	CJR	1
p-Isopropyltoluene	< 0.43	ug/l	0.43	1.76	1	8260B		4/15/2021	CJR	1
Methylene chloride	< 0.89	ug/l	0.89	3.38	1	8260B		4/15/2021	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.88	1	8260B		4/15/2021	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.67	1	8260B		4/15/2021	CJR	1
n-Propylbenzene	< 0.44	ug/l	0.44	1.79	1	8260B		4/15/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.36	ug/l	0.36	1.46	1	8260B		4/15/2021	CJR	1
1,1,1,2-Tetrachloroethane	< 0.76	ug/l	0.76	3.1	1	8260B		4/15/2021	CJR	1
Tetrachloroethene	< 0.54	ug/l	0.54	2.22	1	8260B		4/15/2021	CJR	1
Toluene	< 0.42	ug/l	0.42	1.71	1	8260B		4/15/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.67	ug/l	0.67	2.73	1	8260B		4/15/2021	CJR	1

Project Name SCHERF-KRYSTAL KLEANERS
Project # 403-001-012-006

Invoice # E39256

Lab Code 5039256C
Sample ID MW-4
Sample Matrix Water
Sample Date 4/7/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.66	ug/l	0.66	2.82	1	8260B		4/15/2021	CJR	1
1,1,1-Trichloroethane	< 0.41	ug/l	0.41	1.69	1	8260B		4/15/2021	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.96	1	8260B		4/15/2021	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.92	1	8260B		4/15/2021	CJR	1
Trichlorofluoromethane	< 0.49	ug/l	0.49	2.01	1	8260B		4/15/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.4	1	8260B		4/15/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.38	ug/l	0.38	1.55	1	8260B		4/15/2021	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.65	1	8260B		4/15/2021	CJR	1
m&p-Xylene	< 0.77	ug/l	0.77	3.14	1	8260B		4/15/2021	CJR	1
o-Xylene	< 0.44	ug/l	0.44	1.8	1	8260B		4/15/2021	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		4/15/2021	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		4/15/2021	CJR	1
SUR - 4-Bromofluorobenzene	107	REC %			1	8260B		4/15/2021	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		4/15/2021	CJR	1

Project Name SCHERF-KRYSTAL KLEANERS
Project # 403-001-012-006

Invoice # E39256

Lab Code 5039256D
Sample ID MW-6
Sample Matrix Water
Sample Date 4/7/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.38	ug/l	0.38	1.55	1	8260B		4/15/2021	CJR	1
Bromobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		4/15/2021	CJR	1
Bromodichloromethane	< 0.47	ug/l	0.47	1.93	1	8260B		4/15/2021	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.87	1	8260B		4/15/2021	CJR	1
tert-Butylbenzene	< 0.45	ug/l	0.45	1.84	1	8260B		4/15/2021	CJR	1
sec-Butylbenzene	< 0.31	ug/l	0.31	1.28	1	8260B		4/15/2021	CJR	1
n-Butylbenzene	< 0.46	ug/l	0.46	1.88	1	8260B		4/15/2021	CJR	1
Carbon Tetrachloride	< 0.44	ug/l	0.44	1.79	1	8260B		4/15/2021	CJR	1
Chlorobenzene	< 0.38	ug/l	0.38	1.53	1	8260B		4/15/2021	CJR	1
Chloroethane	< 0.78	ug/l	0.78	3.16	1	8260B		4/15/2021	CJR	1
Chloroform	< 0.4	ug/l	0.4	1.64	1	8260B		4/15/2021	CJR	1
Chloromethane	< 0.84	ug/l	0.84	3.42	1	8260B		4/15/2021	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.47	1	8260B		4/15/2021	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.62	1	8260B		4/15/2021	CJR	1
1,2-Dibromo-3-chloropropane	< 0.54	ug/l	0.54	2.2	1	8260B		4/15/2021	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.85	1	8260B		4/15/2021	CJR	1
1,4-Dichlorobenzene	< 0.48	ug/l	0.48	1.97	1	8260B		4/15/2021	CJR	1
1,3-Dichlorobenzene	< 0.38	ug/l	0.38	1.54	1	8260B		4/15/2021	CJR	1
1,2-Dichlorobenzene	< 0.44	ug/l	0.44	1.81	1	8260B		4/15/2021	CJR	1
Dichlorodifluoromethane	< 0.55	ug/l	0.55	2.24	1	8260B		4/15/2021	CJR	1
1,2-Dichloroethane	< 0.44	ug/l	0.44	1.81	1	8260B		4/15/2021	CJR	1
1,1-Dichloroethane	< 0.48	ug/l	0.48	1.95	1	8260B		4/15/2021	CJR	1
1,1-Dichloroethene	< 0.55	ug/l	0.55	2.25	1	8260B		4/15/2021	CJR	1
cis-1,2-Dichloroethene	4.2	ug/l	0.39	1.59	1	8260B		4/15/2021	CJR	1
trans-1,2-Dichloroethene	< 0.6	ug/l	0.6	2.46	1	8260B		4/15/2021	CJR	1
1,2-Dichloropropane	< 0.38	ug/l	0.38	1.54	1	8260B		4/15/2021	CJR	1
1,3-Dichloropropane	< 0.4	ug/l	0.4	1.64	1	8260B		4/15/2021	CJR	1
trans-1,3-Dichloropropene	< 0.45	ug/l	0.45	1.82	1	8260B		4/15/2021	CJR	1
cis-1,3-Dichloropropene	< 0.51	ug/l	0.51	2.07	1	8260B		4/15/2021	CJR	1
Di-isopropyl ether	< 0.47	ug/l	0.47	1.93	1	8260B		4/15/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.47	ug/l	0.47	1.9	1	8260B		4/15/2021	CJR	1
Ethylbenzene	< 0.37	ug/l	0.37	1.51	1	8260B		4/15/2021	CJR	1
Hexachlorobutadiene	< 0.75	ug/l	0.75	3	1	8260B		4/15/2021	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	1.24	1	8260B		4/15/2021	CJR	1
p-Isopropyltoluene	< 0.43	ug/l	0.43	1.76	1	8260B		4/15/2021	CJR	1
Methylene chloride	< 0.89	ug/l	0.89	3.38	1	8260B		4/15/2021	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.88	1	8260B		4/15/2021	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.67	1	8260B		4/15/2021	CJR	1
n-Propylbenzene	< 0.44	ug/l	0.44	1.79	1	8260B		4/15/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.36	ug/l	0.36	1.46	1	8260B		4/15/2021	CJR	1
1,1,1,2-Tetrachloroethane	< 0.76	ug/l	0.76	3.1	1	8260B		4/15/2021	CJR	1
Tetrachloroethene	152	ug/l	0.54	2.22	1	8260B		4/15/2021	CJR	1
Toluene	< 0.42	ug/l	0.42	1.71	1	8260B		4/15/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.67	ug/l	0.67	2.73	1	8260B		4/15/2021	CJR	1

Project Name SCHERF-KRYSTAL KLEANERS
Project # 403-001-012-006

Invoice # E39256

Lab Code 5039256D
Sample ID MW-6
Sample Matrix Water
Sample Date 4/7/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 0.66	ug/l	0.66	2.82	1	8260B		4/15/2021	CJR	1
1,1,1-Trichloroethane	< 0.41	ug/l	0.41	1.69	1	8260B		4/15/2021	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.96	1	8260B		4/15/2021	CJR	1
Trichloroethene (TCE)	11.1	ug/l	0.47	1.92	1	8260B		4/15/2021	CJR	1
Trichlorofluoromethane	< 0.49	ug/l	0.49	2.01	1	8260B		4/15/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.4	1	8260B		4/15/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.38	ug/l	0.38	1.55	1	8260B		4/15/2021	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.65	1	8260B		4/15/2021	CJR	1
m&p-Xylene	< 0.77	ug/l	0.77	3.14	1	8260B		4/15/2021	CJR	1
o-Xylene	< 0.44	ug/l	0.44	1.8	1	8260B		4/15/2021	CJR	1
SUR - Toluene-d8	101	REC %				8260B		4/15/2021	CJR	1
SUR - 1,2-Dichloroethane-d4	108	REC %				8260B		4/15/2021	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %				8260B		4/15/2021	CJR	1
SUR - Dibromofluoromethane	102	REC %				8260B		4/15/2021	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

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

Authorized Signature



Environmental Lab, Inc.

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

Sample Handling Request

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

Lab I.D. # _____

QUOTE # : _____

Project #: 403-001-012-006

Sampler: (signature) *Tim Petrich*

Project (Name / Location): Scherf - Krystal Kleaners

Reports To: *Tim Petrich* Invoice To: _____

Company: *Endpoint Solutions* Company: _____

Address: 6871 S. Lovers Lane Address: *Same*

City State Zip: *Franklin WI* City State Zip: _____

Phone: 414 858 1210 Phone: _____

Email: _____ Email: _____

Analysis Requested

Other Analysis

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVC (EPA 8021)	PVC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID	
		Date	Time																					
5039256A	MW-1	4/7/21	920	N	3	GW	Hd																	
B	MW-3		940																	X				
C	MW-4		900																	X				
D	MW-6		1000																	X				

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

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *CS*

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

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Tim Petrich*

Time: 1300 Date: 4/7/21

Received By: (sign) _____

Time _____ Date _____

Received in Laboratory By: *[Signature]*

Time: 8000

Date: 4/8/21

Synergy Environmental Lab, INC

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

TIM PETRICK
ENDPOINT SOLUTIONS
6871 SOUTH LOVER'S LANE
FRANKLIN, WI 53132

Report Date 08-Apr-21

Project Name KRYSTAL KLEANERS
Project #

Invoice # E39232

Lab Code 5039232A
Sample ID OUTDOOR 145
Sample Matrix Air
Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	4.1	ug/m3	0.299	0.95	1	TO-15		4/1/2021	CJR	1
Acrolein	0.37	ug/m3	0.094	0.299	1	TO-15		4/1/2021	CJR	1
Benzene	0.54	ug/m3	0.136	0.433	1	TO-15		4/1/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/1/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/1/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/1/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/1/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/1/2021	CJR	1
Carbon Disulfide	0.156 "J"	ug/m3	0.138	0.44	1	TO-15		4/1/2021	CJR	1
Carbon Tetrachloride	0.50 "J"	ug/m3	0.307	0.978	1	TO-15		4/1/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/1/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/1/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/1/2021	CJR	1
Chloromethane	1.78 "J"	ug/m3	0.831	2.64	1	TO-15		4/1/2021	CJR	1
Cyclohexane	< 0.212	ug/m3	0.212	0.674	1	TO-15		4/1/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/1/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/1/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/1/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/1/2021	CJR	1
Dichlorodifluoromethane	2.03	ug/m3	0.263	0.836	1	TO-15		4/1/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/1/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/1/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/1/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/1/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/1/2021	CJR	1

Project Name KRYSTAL KLEANERS
Project #

Invoice # E39232

Lab Code 5039232A
Sample ID OUTDOOR 145
Sample Matrix Air
Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/1/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/1/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/1/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/1/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/1/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/1/2021	CJR	1
Ethanol	4.5	ug/m3	0.152	0.482	1	TO-15		4/1/2021	CJR	1
Ethyl Acetate	1.87	ug/m3	0.176	0.559	1	TO-15		4/1/2021	CJR	1
Ethylbenzene	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/1/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		4/1/2021	CJR	1
Heptane	0.53 "J"	ug/m3	0.265	0.845	1	TO-15		4/1/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/1/2021	CJR	1
Hexane	3.4	ug/m3	0.235	0.748	1	TO-15		4/1/2021	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		4/1/2021	CJR	1
Isopropyl Alcohol	< 0.109	ug/m3	0.109	0.347	1	TO-15		4/1/2021	CJR	1
Methyl ethyl ketone (MEK)	1.3	ug/m3	0.178	0.567	1	TO-15		4/1/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.45 "J"	ug/m3	0.168	0.536	1	TO-15		4/1/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/1/2021	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		4/1/2021	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/1/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		4/1/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/1/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		4/1/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/1/2021	CJR	1
Tetrachloroethene	0.68 "J"	ug/m3	0.278	0.884	1	TO-15		4/1/2021	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		4/1/2021	CJR	1
Toluene	1.09	ug/m3	0.184	0.585	1	TO-15		4/1/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/1/2021	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/1/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/1/2021	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		4/1/2021	CJR	1
Trichlorofluoromethane	1.4	ug/m3	0.337	1.07	1	TO-15		4/1/2021	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/1/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.283	ug/m3	0.283	0.899	1	TO-15		4/1/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		4/1/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/1/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/1/2021	CJR	1
m&p-Xylene	0.48 "J"	ug/m3	0.377	1.2	1	TO-15		4/1/2021	CJR	1
o-Xylene	< 0.218	ug/m3	0.218	0.695	1	TO-15		4/1/2021	CJR	1

Lab Code 5039232B
 Sample ID 141 8HR
 Sample Matrix Air
 Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	5.7	ug/m3	0.299	0.95	1	TO-15		4/1/2021	CJR	1
Acrolein	0.39	ug/m3	0.094	0.299	1	TO-15		4/1/2021	CJR	1
Benzene	0.67	ug/m3	0.136	0.433	1	TO-15		4/1/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/1/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/1/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/1/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/1/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/1/2021	CJR	1
Carbon Disulfide	0.40 "J"	ug/m3	0.138	0.44	1	TO-15		4/1/2021	CJR	1
Carbon Tetrachloride	0.50 "J"	ug/m3	0.307	0.978	1	TO-15		4/1/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/1/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/1/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/1/2021	CJR	1
Chloromethane	1.75 "J"	ug/m3	0.831	2.64	1	TO-15		4/1/2021	CJR	1
Cyclohexane	< 0.212	ug/m3	0.212	0.674	1	TO-15		4/1/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/1/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/1/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/1/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/1/2021	CJR	1
Dichlorodifluoromethane	3.9	ug/m3	0.263	0.836	1	TO-15		4/1/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/1/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/1/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/1/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/1/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/1/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/1/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/1/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/1/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/1/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/1/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/1/2021	CJR	1
Ethanol	18.7	ug/m3	0.152	0.482	1	TO-15		4/1/2021	CJR	1
Ethyl Acetate	0.86	ug/m3	0.176	0.559	1	TO-15		4/1/2021	CJR	1
Ethylbenzene	0.303 "J"	ug/m3	0.203	0.645	1	TO-15		4/1/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		4/1/2021	CJR	1
Heptane	0.33 "J"	ug/m3	0.265	0.845	1	TO-15		4/1/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/1/2021	CJR	1
Hexane	1.3	ug/m3	0.235	0.748	1	TO-15		4/1/2021	CJR	1
2-Hexanone	0.33 "J"	ug/m3	0.222	0.707	1	TO-15		4/1/2021	CJR	1
Isopropyl Alcohol	7.0	ug/m3	0.109	0.347	1	TO-15		4/1/2021	CJR	1
Methyl ethyl ketone (MEK)	3.2	ug/m3	0.178	0.567	1	TO-15		4/1/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.65	ug/m3	0.168	0.536	1	TO-15		4/1/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/1/2021	CJR	1
Methylene chloride	17	ug/m3	0.159	0.506	1	TO-15		4/1/2021	CJR	1

Project Name KRYSTAL KLEANERS
Project #

Invoice # E39232

Lab Code 5039232B
Sample ID 141 8HR
Sample Matrix Air
Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/1/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		4/1/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/1/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		4/1/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/1/2021	CJR	1
Tetrachloroethene	3.5	ug/m3	0.278	0.884	1	TO-15		4/1/2021	CJR	1
Tetrahydrofuran	0.59	ug/m3	0.131	0.417	1	TO-15		4/1/2021	CJR	1
Toluene	2.86	ug/m3	0.184	0.585	1	TO-15		4/1/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/1/2021	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/1/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/1/2021	CJR	1
Trichloroethene (TCE)	0.37 "J"	ug/m3	0.237	0.754	1	TO-15		4/1/2021	CJR	1
Trichlorofluoromethane	1.4	ug/m3	0.337	1.07	1	TO-15		4/1/2021	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/1/2021	CJR	1
1,2,4-Trimethylbenzene	0.39 "J"	ug/m3	0.283	0.899	1	TO-15		4/1/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		4/1/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/1/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/1/2021	CJR	1
m&p-Xylene	1.13 "J"	ug/m3	0.377	1.2	1	TO-15		4/1/2021	CJR	1
o-Xylene	0.43 "J"	ug/m3	0.218	0.695	1	TO-15		4/1/2021	CJR	1

Lab Code 5039232C
Sample ID 143 8HR
Sample Matrix Air
Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	5.7	ug/m3	0.299	0.95	1	TO-15		4/2/2021	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		4/2/2021	CJR	1
Benzene	0.64	ug/m3	0.136	0.433	1	TO-15		4/2/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/2/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/2/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/2/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/2/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/2/2021	CJR	1
Carbon Disulfide	0.34 "J"	ug/m3	0.138	0.44	1	TO-15		4/2/2021	CJR	1
Carbon Tetrachloride	0.50 "J"	ug/m3	0.307	0.978	1	TO-15		4/2/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/2/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/2/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/2/2021	CJR	1
Chloromethane	1.71 "J"	ug/m3	0.831	2.64	1	TO-15		4/2/2021	CJR	1
Cyclohexane	< 0.212	ug/m3	0.212	0.674	1	TO-15		4/2/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/2/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/2/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/2/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/2/2021	CJR	1
Dichlorodifluoromethane	2.97	ug/m3	0.263	0.836	1	TO-15		4/2/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/2/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/2/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/2/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/2/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/2/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/2/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/2/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/2/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/2/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/2/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/2/2021	CJR	1
Ethanol	8.6	ug/m3	0.152	0.482	1	TO-15		4/2/2021	CJR	1
Ethyl Acetate	0.43 "J"	ug/m3	0.176	0.559	1	TO-15		4/2/2021	CJR	1
Ethylbenzene	0.48 "J"	ug/m3	0.203	0.645	1	TO-15		4/2/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		4/2/2021	CJR	1
Heptane	< 0.265	ug/m3	0.265	0.845	1	TO-15		4/2/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/2/2021	CJR	1
Hexane	1.06	ug/m3	0.235	0.748	1	TO-15		4/2/2021	CJR	1
2-Hexanone	0.33 "J"	ug/m3	0.222	0.707	1	TO-15		4/2/2021	CJR	1
Isopropyl Alcohol	3.7	ug/m3	0.109	0.347	1	TO-15		4/2/2021	CJR	1
Methyl ethyl ketone (MEK)	2.06	ug/m3	0.178	0.567	1	TO-15		4/2/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.57	ug/m3	0.168	0.536	1	TO-15		4/2/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/2/2021	CJR	1
Methylene chloride	16.8	ug/m3	0.159	0.506	1	TO-15		4/2/2021	CJR	1

Project Name KRYSTAL KLEANERS
Project #

Invoice # E39232

Lab Code 5039232C
Sample ID 143 8HR
Sample Matrix Air
Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/2/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		4/2/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/2/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		4/2/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/2/2021	CJR	1
Tetrachloroethene	4.2	ug/m3	0.278	0.884	1	TO-15		4/2/2021	CJR	1
Tetrahydrofuran	0.41 "J"	ug/m3	0.131	0.417	1	TO-15		4/2/2021	CJR	1
Toluene	3.13	ug/m3	0.184	0.585	1	TO-15		4/2/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/2/2021	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/2/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/2/2021	CJR	1
Trichloroethene (TCE)	0.54 "J"	ug/m3	0.237	0.754	1	TO-15		4/2/2021	CJR	1
Trichlorofluoromethane	1.35	ug/m3	0.337	1.07	1	TO-15		4/2/2021	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/2/2021	CJR	1
1,2,4-Trimethylbenzene	0.34 "J"	ug/m3	0.283	0.899	1	TO-15		4/2/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		4/2/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/2/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/2/2021	CJR	1
m&p-Xylene	1.99	ug/m3	0.377	1.2	1	TO-15		4/2/2021	CJR	1
o-Xylene	0.82	ug/m3	0.218	0.695	1	TO-15		4/2/2021	CJR	1

Lab Code 5039232D
 Sample ID 145 8HR
 Sample Matrix Air
 Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	4.7	ug/m3	0.299	0.95	1	TO-15		4/2/2021	CJR	1
Acrolein	0.34	ug/m3	0.094	0.299	1	TO-15		4/2/2021	CJR	1
Benzene	0.61	ug/m3	0.136	0.433	1	TO-15		4/2/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/2/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/2/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/2/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/2/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/2/2021	CJR	1
Carbon Disulfide	0.44 "J"	ug/m3	0.138	0.44	1	TO-15		4/2/2021	CJR	1
Carbon Tetrachloride	0.44 "J"	ug/m3	0.307	0.978	1	TO-15		4/2/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/2/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/2/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/2/2021	CJR	1
Chloromethane	1.78 "J"	ug/m3	0.831	2.64	1	TO-15		4/2/2021	CJR	1
Cyclohexane	< 0.212	ug/m3	0.212	0.674	1	TO-15		4/2/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/2/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/2/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/2/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/2/2021	CJR	1
Dichlorodifluoromethane	3.2	ug/m3	0.263	0.836	1	TO-15		4/2/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/2/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/2/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/2/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/2/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/2/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/2/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/2/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/2/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/2/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/2/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/2/2021	CJR	1
Ethanol	9.3	ug/m3	0.152	0.482	1	TO-15		4/2/2021	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		4/2/2021	CJR	1
Ethylbenzene	1.34	ug/m3	0.203	0.645	1	TO-15		4/2/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		4/2/2021	CJR	1
Heptane	0.37 "J"	ug/m3	0.265	0.845	1	TO-15		4/2/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/2/2021	CJR	1
Hexane	1.59	ug/m3	0.235	0.748	1	TO-15		4/2/2021	CJR	1
2-Hexanone	0.246 "J"	ug/m3	0.222	0.707	1	TO-15		4/2/2021	CJR	1
Isopropyl Alcohol	3.8	ug/m3	0.109	0.347	1	TO-15		4/2/2021	CJR	1
Methyl ethyl ketone (MEK)	1.83	ug/m3	0.178	0.567	1	TO-15		4/2/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.45 "J"	ug/m3	0.168	0.536	1	TO-15		4/2/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/2/2021	CJR	1
Methylene chloride	24.7	ug/m3	0.159	0.506	1	TO-15		4/2/2021	CJR	1

Project Name KRYSTAL KLEANERS
Project #

Invoice # E39232

Lab Code 5039232D
Sample ID 145 8HR
Sample Matrix Air
Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/2/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		4/2/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/2/2021	CJR	1
Styrene	< 0.181	ug/m3	0.181	0.577	1	TO-15		4/2/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/2/2021	CJR	1
Tetrachloroethene	16.2	ug/m3	0.278	0.884	1	TO-15		4/2/2021	CJR	1
Tetrahydrofuran	0.47	ug/m3	0.131	0.417	1	TO-15		4/2/2021	CJR	1
Toluene	3.9	ug/m3	0.184	0.585	1	TO-15		4/2/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/2/2021	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/2/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/2/2021	CJR	1
Trichloroethene (TCE)	0.64 "J"	ug/m3	0.237	0.754	1	TO-15		4/2/2021	CJR	1
Trichlorofluoromethane	1.35	ug/m3	0.337	1.07	1	TO-15		4/2/2021	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		4/2/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.283	ug/m3	0.283	0.899	1	TO-15		4/2/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		4/2/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/2/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/2/2021	CJR	1
m&p-Xylene	5.8	ug/m3	0.377	1.2	1	TO-15		4/2/2021	CJR	1
o-Xylene	1.04	ug/m3	0.218	0.695	1	TO-15		4/2/2021	CJR	1

Lab Code 5039232E
 Sample ID 147 8HR
 Sample Matrix Air
 Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	20.8	ug/m3	0.299	0.95	1	TO-15		4/2/2021	CJR	1
Acrolein	0.62	ug/m3	0.094	0.299	1	TO-15		4/2/2021	CJR	1
Benzene	1.25	ug/m3	0.136	0.433	1	TO-15		4/2/2021	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		4/2/2021	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		4/2/2021	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		4/2/2021	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		4/2/2021	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		4/2/2021	CJR	1
Carbon Disulfide	1.0	ug/m3	0.138	0.44	1	TO-15		4/2/2021	CJR	1
Carbon Tetrachloride	0.69 "J"	ug/m3	0.307	0.978	1	TO-15		4/2/2021	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		4/2/2021	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		4/2/2021	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		4/2/2021	CJR	1
Chloromethane	4.2	ug/m3	0.831	2.64	1	TO-15		4/2/2021	CJR	1
Cyclohexane	0.38 "J"	ug/m3	0.212	0.674	1	TO-15		4/2/2021	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		4/2/2021	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/2/2021	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		4/2/2021	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		4/2/2021	CJR	1
Dichlorodifluoromethane	16.9	ug/m3	0.263	0.836	1	TO-15		4/2/2021	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		4/2/2021	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		4/2/2021	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		4/2/2021	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		4/2/2021	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		4/2/2021	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		4/2/2021	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		4/2/2021	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		4/2/2021	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		4/2/2021	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		4/2/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		4/2/2021	CJR	1
Ethanol	45	ug/m3	0.152	0.482	1	TO-15		4/2/2021	CJR	1
Ethyl Acetate	1.69	ug/m3	0.176	0.559	1	TO-15		4/2/2021	CJR	1
Ethylbenzene	9.3	ug/m3	0.203	0.645	1	TO-15		4/2/2021	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		4/2/2021	CJR	1
Heptane	0.49 "J"	ug/m3	0.265	0.845	1	TO-15		4/2/2021	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		4/2/2021	CJR	1
Hexane	2.36	ug/m3	0.235	0.748	1	TO-15		4/2/2021	CJR	1
2-Hexanone	0.53 "J"	ug/m3	0.222	0.707	1	TO-15		4/2/2021	CJR	1
Isopropyl Alcohol	13.1	ug/m3	0.109	0.347	1	TO-15		4/2/2021	CJR	1
Methyl ethyl ketone (MEK)	5.8	ug/m3	0.178	0.567	1	TO-15		4/2/2021	CJR	1
Methyl isobutyl ketone (MIBK)	0.94	ug/m3	0.168	0.536	1	TO-15		4/2/2021	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		4/2/2021	CJR	1
Methylene chloride	124	ug/m3	0.159	0.506	1	TO-15		4/2/2021	CJR	1

Lab Code 5039232E
Sample ID 147 8HR
Sample Matrix Air
Sample Date 3/29/1931

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		4/2/2021	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		4/2/2021	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		4/2/2021	CJR	1
Styrene	0.38 "J"	ug/m3	0.181	0.577	1	TO-15		4/2/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		4/2/2021	CJR	1
Tetrachloroethene	119	ug/m3	0.278	0.884	1	TO-15		4/2/2021	CJR	1
Tetrahydrofuran	0.80	ug/m3	0.131	0.417	1	TO-15		4/2/2021	CJR	1
Toluene	2.94	ug/m3	0.184	0.585	1	TO-15		4/2/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		4/2/2021	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		4/2/2021	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		4/2/2021	CJR	1
Trichloroethene (TCE)	3.9	ug/m3	0.237	0.754	1	TO-15		4/2/2021	CJR	1
Trichlorofluoromethane	1.18	ug/m3	0.337	1.07	1	TO-15		4/2/2021	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		4/2/2021	CJR	1
1,2,4-Trimethylbenzene	0.34 "J"	ug/m3	0.283	0.899	1	TO-15		4/2/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.232	ug/m3	0.232	0.739	1	TO-15		4/2/2021	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		4/2/2021	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		4/2/2021	CJR	1
m&p-Xylene	41	ug/m3	0.377	1.2	1	TO-15		4/2/2021	CJR	1
o-Xylene	11.2	ug/m3	0.218	0.695	1	TO-15		4/2/2021	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

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

Authorized Signature

Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required: _____
 (Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
 QUOTE # : _____
 Project #: _____
 Sampler: (signature) *Tim Petrich*

Project (Name / Location): *Krystal Kleavers*

Reports To: *Tim Petrich* Invoice To: _____
 Company: *Endpoint Solutions* Company: _____
 Address: *6871 Sowers Lane* Address: *SAE*
 City State Zip: *Franklin WI* City State Zip: _____
 Phone: *414 858 1210* Phone: _____
 Email: _____ Email: _____

Analysis Requested

Other Analysis

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID	
		Date	Time																					
<i>5039232A</i>	<i>Outdoor 145</i>	<i>3/29/21</i>	<i>306</i>	<i>N</i>	<i>1</i>	<i>A</i>	<i>-</i>																	
<i>B</i>	<i>141 8hr</i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>														<i>X</i>			
<i>C</i>	<i>143 8hr</i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>														<i>X</i>			
<i>D</i>	<i>145 8hr</i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>														<i>X</i>			
<i>E</i>	<i>147 8hr</i>			<i> </i>	<i> </i>	<i> </i>	<i> </i>														<i>X</i>			

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

*Outdoor can 5662
 141 can 5649
 143 can 5498*

*145 can 5506
 147 can 5645*

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *[Signature]*

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

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign)

[Signature]

Time

1400

Date

3/31/21

Received By: (sign)

[Signature]

Time

Time: *1400*

Date

Date: *3/24/21*

Received in Laboratory By: _____