

## **Endpoint Solutions**

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Ms. Melissa Balistreri  
VP – Business Banking Officer  
US Bank  
101 East Sunset Drive  
Waukesha, WI 53189

December 15, 2015

**Subject: Report of Investigation Results**  
Phase II Environmental Assessment  
131 East Sunset Drive, Waukesha, Wisconsin

Dear Melissa:

In November 2015, Endpoint Solutions Corp. (Endpoint) conducted a Phase I Environmental Site Assessment (ESA) of the property located at 131 East Sunset Drive in the City of Waukesha, Waukesha County, Wisconsin (the Site). The location of the Site is depicted on **Figure 1**. The results of the Phase I ESA indicated a dry cleaning operation (Krystal Kleeners) has operated at the Site since the Site was developed in 1988 in the tenant space identified as 145 East Sunset Drive. Although the conditions observed at the dry cleaning operation did not indicate releases of dry cleaning chemicals to the environment were currently occurring, it was not possible to determine whether releases had historically occurred based solely on visual observations. As such, the historical presence of the dry cleaning operation at the Site was classified as a recognized environmental condition (REC) with the only way to confirm or deny the release of dry cleaning chemicals to the subsurface at the Site being through the collection and analysis of samples as part of a Phase II Environmental Assessment (EA).

### **SCOPE OF SERVICES**

The Phase II EA consisted of the advancement of two (2) soil borings at the Site for the collection of soil and grab groundwater samples for laboratory analysis. One (1) soil boring (B-2) was advanced outside the south (rear) door of the Krystal Kleeners tenant space. Based on the location of the dry cleaning equipment, it is assumed all deliveries of new dry cleaning solvent (tetrachloroethene or PCE), and pickup of the waste solvent and spent filters is accomplished through the rear door. Therefore, there would be an elevated potential for releases of PCE to the paved surface and subsurface outside the south door of the tenant space. The second soil boring (B-1) was advanced within the parking lot to the northwest of the Krystal Kleeners tenant space. Assumed groundwater flow direction at the Site is to the northwest, therefore this location was interpreted to be located hydrogeologically downgradient of the dry cleaning operation.

Two (2) soil samples from each soil boring location were submitted for analysis of volatile organic compound (VOC) analysis by United States Environmental Protection Agency (USEPA) method SW8260. The soil borings were then converted to temporary groundwater wells for the collection of a grab groundwater sample from each location. The groundwater samples were also submitted for analysis of VOCs.

In addition to the soil and groundwater sampling, we installed two (2) sub-slab vapor monitoring points within the Krystal Kleeners tenant space. One (1) sub-slab vapor monitoring point (VP-1) was installed

within the boiler room immediately adjacent to the south of the dry cleaning equipment. The second sub-slab vapor monitoring point (VP-2) was installed approximately five (5) feet northwest of the northwestern extent of the dry cleaning equipment. Following the procedures outlined in the Wisconsin Department of Natural Resources (WDNR) guidance document RR-986 (7/14) – *Sub-Slab Vapor Sampling Procedures*, soil vapor samples were collected using evacuated Summa canisters fitted with a 100 to 200 milliliter per minute (ml/min) regulators, resulting in a sample collection time of approximately 30 minutes. The soil vapor samples were then submitted to a WDNR-certified environmental laboratory under standard chain-of-custody methods to be analyzed for VOC content by USEPA method TO-15.

The locations of the soil borings and sub-slab vapor monitoring points are depicted on **Figure 2**.

## RESULTS

### SOIL

The soil profile at the Site consisted primarily of silty clay. Refusal due to potential bedrock was encountered at 13 feet below the ground surface (ft bgs) at the soil boring B-1 location. In addition, a wet tan fine to coarse sand was encountered between eight (8) and 12 ft bgs at the B-2 location. Soil Boring Logs created during the drilling are attached in **Appendix A** for reference.

Two (2) soil samples were collected from each soil boring for laboratory VOC analysis. At both boring locations, the samples collected from three (3) to four (4) ft bgs and six (6) to seven (7) ft bgs were submitted for analysis.

Neither of the samples submitted from soil boring B-1 located northwest of the Krystal Kleeners tenant space contained any detectable concentrations of VOC constituents.

The soil sample collected from three (3) to four (4) ft bgs at the soil boring B-2 location near the rear door of the Krystal Kleeners tenant space contained an elevated concentration (0.033 milligrams per kilogram [mg/kg]) of cis-1,2-dichloroethene. The result was qualified with a “J” flag indicating an estimated concentration between the limit of detection (LOD) and the limit of quantitation (LOQ) of the instrument. The estimated concentration of cis-1,2-dichloroethene did not exceed any currently published WDNR residual contaminant levels (RCLs).

The soil sample collected from six (6) to seven (7) ft bgs at the soil boring B-2 location contained an elevated concentration (0.097 mg/kg) of tetrachloroethene (PCE). This result was also qualified with a “J” flag indicating an estimated concentration between the LOD and the LOQ. The concentration exceeds the currently published WDNR soil-to-groundwater RCL, but is below the WDNR non-industrial direct contact RCL.

Results of the soil analyses are summarized on **Table 1**. A copy of the analytical data is attached in **Appendix B**.

### GROUNDWATER

Grab groundwater samples were collected from each soil boring location for VOC analysis. The groundwater sample collected from soil boring B-1 did not contain any detectable concentrations of

VOC constituents. Due to sediment content, the sample was however diluted 5:1, resulting in elevated LODs.

The grab groundwater sample collected from soil boring B-2 contained elevated concentrations of PCE (7.8 micrograms per liter [ $\mu\text{g}/\text{L}$ ]), trichloroethene (TCE) (1.07  $\mu\text{g}/\text{L}$ ) and toluene (0.54  $\mu\text{g}/\text{L}$ ). The concentrations of TCE and toluene are qualified with a "J" flag indicating estimated concentrations between the LOD and LOQ. The detected concentration of PCE exceeds the Wisconsin Administrative Code (WAC) Chapter NR 140 enforcement standard (ES) of 5  $\mu\text{g}/\text{L}$  and the estimated concentration of TCE exceeds the WAC Chapter NR 140 preventive action limit (PAL) of 0.5  $\mu\text{g}/\text{L}$ .

Results of the groundwater analyses are summarized on **Table 2**. A copy of the analytical data is attached in **Appendix B**.

### **SUB-SLAB VAPOR**

Two (2) sub-slab vapor samples were collected from the Krystal Kleeners tenant space for VOC analyses. Numerous VOC constituents were detected in both of the sub-slab vapor samples. Most notably, elevated concentrations of PCE, TCE, cis-1,2-dichloroethene and trans-1,2-dichloroethene were detected in both samples. The results were compared to Sub-Slab Regional Screening and Indoor Air Vapor Action Levels established by the Office of Solid Waste and Emergency Response (OSWER) Vapor Intrusion Screening Level (VISL) Calculator – version 3.4. The calculator provides two (2) screening levels: a sub-slab regional screening level; and, an indoor air vapor action level. The sub-slab screening levels reflect those concentrations in theory which if detected beneath the slab could cause hazardous indoor air concentrations. The indoor air vapor action levels reflect concentrations which would be considered hazardous if detected in the indoor environment.

Both samples contained concentrations of PCE and TCE which exceeded their respective sub-slab screening levels. The concentrations detected in the sample collected from VP-1 (PCE – 443,000 micrograms per cubic meter [ $\mu\text{g}/\text{m}^3$ ] and TCE – 17,300  $\mu\text{g}/\text{m}^3$ ) are one (1) to two (2) orders of magnitude higher than the concentrations detected in the sample collected from VP-2 (PCE – 14,600  $\mu\text{g}/\text{m}^3$  and TCE – 782  $\mu\text{g}/\text{m}^3$ ).

Results of the sub-slab vapor analyses are summarized on **Table 3**. A copy of the analytical data is attached in **Appendix B**.

### **INTERPRETATION OF RESULTS**

The elevated concentrations of PCE and TCE in the sub-slab vapor indicate the presence of dry cleaning solvents beneath the floor slab at the Site. The soil sample results do not appear to indicate a source of contamination outside of the building and groundwater samples do not appear to indicate a large, high concentration plume. However, additional investigation will be necessary to fully delineate the extent of the contamination and determine whether any receptors are being impacted.

### **RECOMMENDATIONS**

Based on the results of the Phase II EA activities, the Site owner is obligated to report a release to the WDNR. The WDNR will require additional investigation be performed to fully delineate the

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extent of the impacts to soil, groundwater and soil vapor. At a minimum, the initial investigation should consist of the installation of three (3) permanent WAC Chapter NR 141 compliant groundwater monitoring wells. The installation of three (3) permanent wells will allow for a more accurate assessment of groundwater quality at the Site and the localized groundwater flow direction to be determined. Additional soil and groundwater samples should also be analyzed during the installation of the permanent monitoring wells.


In addition, sub-slab vapor monitoring points should be installed in the tenant spaces to the east and west of the Krystal Kleeners tenant space to determine whether contaminated vapors have migrated beneath these spaces. Depending on the results of these additional sub-slab vapor samples, it may be necessary to also collect indoor air samples from the adjacent tenant spaces. We do not recommend collecting indoor air samples from the Krystal Kleeners tenant space as the use of dry cleaning solvents within the space will likely skew the results.

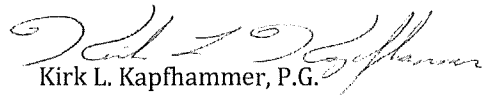
### **CLOSING**

We trust the information in this report is clear and concise. Endpoint can assist you with all aspects of the recommendations made above. If you have any questions or concerns, please feel free to call us at 414-427-1200.

Sincerely,

***Endpoint Solutions***

  
Robert A. Cigale, P.G.  
Principal Consultant

  
Kirk L. Kapfhammer, P.G.  
Principal Consultant

Cc: Mr. Don Scherf – Scherf Properties Trust II

Attachments: Figures  
Tables  
Appendix A  
Appendix B

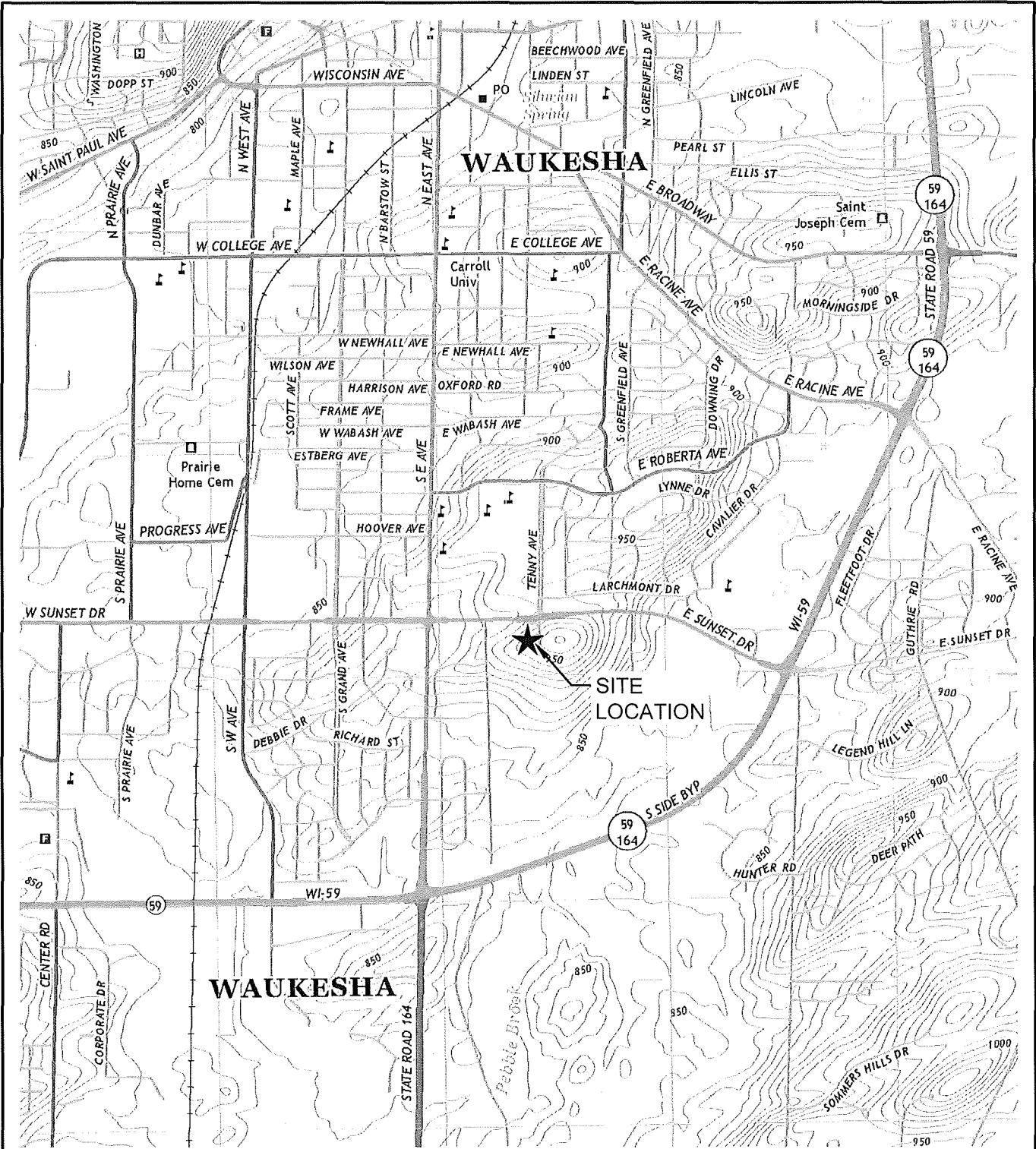
# *Endpoint Solutions*

## FIGURES

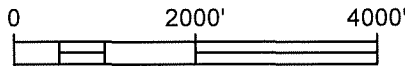
FIGURE 1 – SITE LOCATION MAP

FIGURE 2 – SAMPLE LOCATIONS

P:\US Bank - 255\131 East Sunset Drive - 006\CAD\006-002\FIG 01\_255-006-002 Site Location.dwg



W A U K E S H A



SOURCE: USGS

### SITE LOCATION MAP

131 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

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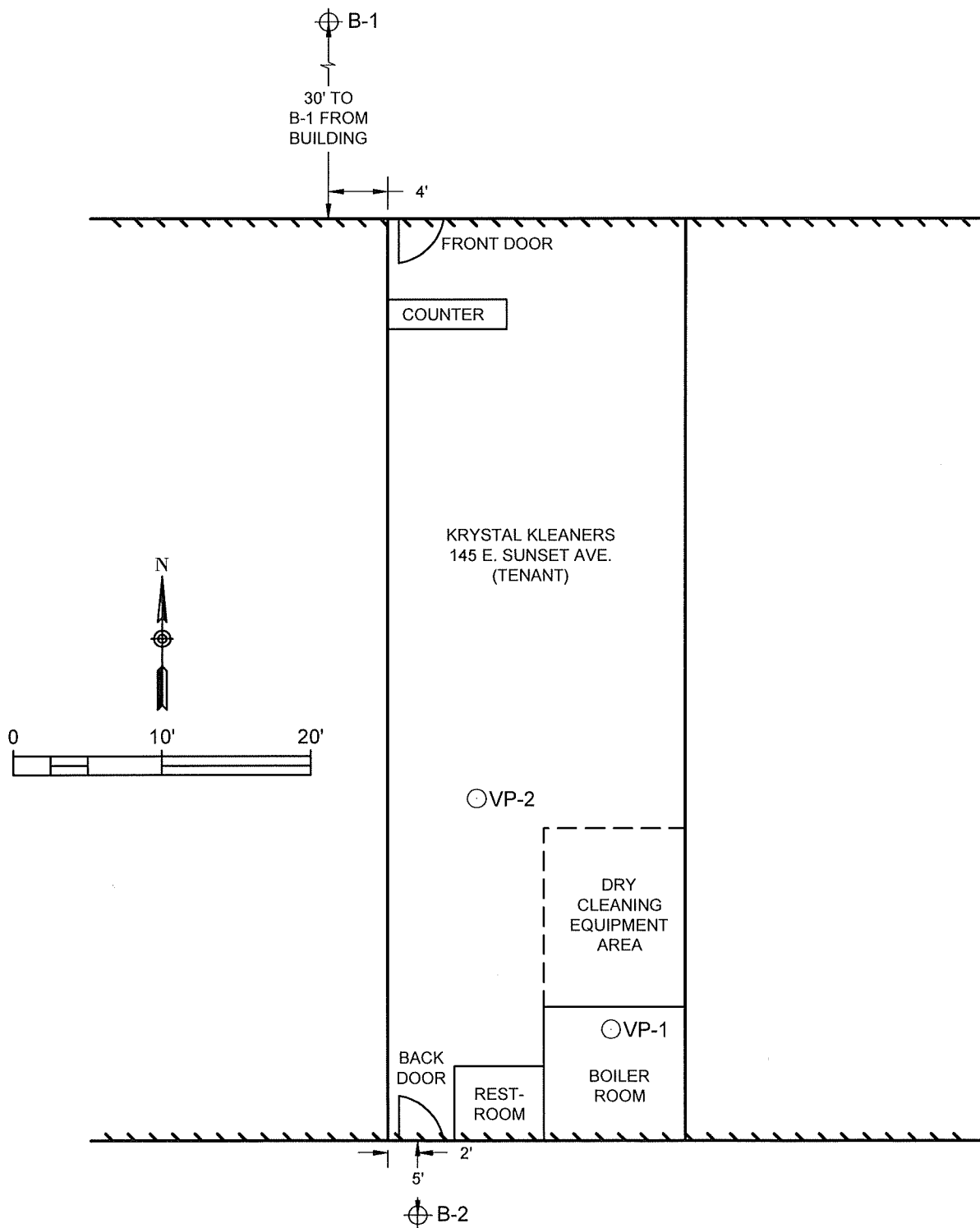
DRAWN BY: NWD

DATE: 12/03/15

REVIEWED BY: RAC

PROJECT NO: 255-006-002

Figure 1



	EDGE OF BUILDING
	SOIL & GROUNDWATER SAMPLE LOCATION
	SUBSLAB VAPOR SAMPLING POINT LOCATION
<b>NOTE:</b> INTERIOR FEATURES NOT TO SCALE BUT LOCATED BASED ON BEST ESTIMATE.	

SAMPLE LOCATIONS		
131 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lover's Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 12/15/15	Figure 2
REVIEWED BY: RAC	PROJECT NO: 255-006-002	

P:\US Bank - 255\131 East Sunset Drive - 006\CAD\006-002\FIG 02\_255-006-002 Sample Locations.dwg

SOURCE:

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## **TABLES**

TABLE 1 – SOIL ANALYTICAL RESULTS SUMMARY

TABLE 2 – GROUNDWATER ANALYTICAL RESULTS SUMMARY

TABLE 3 – SUB-SLAB VAPOR ANALYTICAL RESULTS SUMMARY



**TABLE 1**  
**Soil Analytical Results Summary**  
 Krystal Kleeners  
 131 E. Sunset Dr.  
 Waukesha, Wisconsin

Parameter	Non-Industrial Direct Contact RCL	Soil to Groundwater Pathway RCL	Boring ID, Sample Depth, Date of Advancement			
			B-1	B-1	B-2	B-2
			3 - 4' 12/4/15	6 - 7' 12/4/15	3 - 4' 12/4/15	6 - 7' 12/4/15
<b>VOCs (mg/kg)</b>						
Benzene	1.49	0.0051	<0.016	<0.016	<0.016	<0.016
Bromobenzene	354	-----	<0.039	<0.039	<0.039	<0.039
Bromodichloromethane	0.39	0.0003	<0.015	<0.015	<0.015	<0.015
Bromoform	61.5	0.0023	<0.023	<0.023	<0.023	<0.023
tert-Butylbenzene	183	-----	<0.035	<0.035	<0.035	<0.035
sec-Butylbenzene	145	-----	<0.036	<0.036	<0.036	<0.036
n-Butylbenzene	108	-----	<0.086	<0.086	<0.086	<0.086
Carbon Tetrachloride	0.854	0.0039	<0.021	<0.021	<0.021	<0.021
Chlorobenzene	392	0.2266	<0.039	<0.039	<0.039	<0.039
Chloroethane	-----	-----	<0.045	<0.045	<0.045	<0.045
Chloroform	0.423	-----	<0.026	<0.026	<0.026	<0.026
Chloromethane	171	0.0155	<0.25	<0.25	<0.25	<0.25
2-Chlorotoluene	907	-----	<0.029	<0.029	<0.029	<0.029
4-Chlorotoluene	253	-----	<0.032	<0.032	<0.032	<0.032
1,2-Dibromo-3-chloropropane	0.008	-----	<0.078	<0.078	<0.078	<0.078
Dibromodichloromethane	0.933	0.032	<0.031	<0.031	<0.031	<0.031
1,4-Dichlorobenzene	3.48	0.144	<0.03	<0.03	<0.03	<0.03
1,3-Dichlorobenzene	297	1.1528	<0.03	<0.03	<0.03	<0.03
1,2-Dichlorobenzene	376	1.168	<0.039	<0.039	<0.039	<0.039
Dichlorodifluoromethane	135	3.0863	<0.043	<0.043	<0.043	<0.043
1,2-Dichloroethane	0.608	0.0028	<0.03	<0.03	<0.03	<0.03
1,1-Dichloroethane	4.72	0.4828	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	342	0.005	<0.029	<0.029	<0.029	<0.029
cis-1,2-Dichloroethene	156	0.0412	<0.021	<0.021	0.033 J	<0.021
trans-1,2-Dichloroethene	1,560	0.0588	<0.024	<0.024	<0.024	<0.024
1,2-Dichloropropane	1.33	0.0033	<0.025	<0.025	<0.025	<0.025
2,2-Dichloropropane	527	-----	<0.1	<0.1	<0.1	<0.1
1,3-Dichloropropane	1,490	0.0003	<0.031	<0.031	<0.031	<0.031
Di-isopropyl ether	2,260	-----	<0.012	<0.012	<0.012	<0.012
1,2-Dibromoethane (EDB)	0.047	-----	<0.035	<0.035	<0.035	<0.035
Ethylbenzene	7.47	1.57	<0.027	<0.027	<0.027	<0.027
Hexachlorobutadiene	6.22	-----	<0.11	<0.11	<0.11	<0.11
Isopropylbenzene	-----	-----	<0.037	<0.037	<0.037	<0.037
p-Isopropyltoluene	162	-----	<0.056	<0.056	<0.056	<0.056
Methylene Chloride	60.7	0.0026	<0.22	<0.22	<0.22	<0.22
Methyl-tert-butyl-ether (MTBE)	59.4	0.027	<0.025	<0.025	<0.025	<0.025
Naphthalene	5.15	0.6582	<0.087	<0.087	<0.087	<0.087
n-Propylbenzene	264	-----	<0.035	<0.035	<0.035	<0.035
1,1,2,2-Tetrachloroethane	0.753	0.0002	<0.013	<0.013	<0.013	<0.013
1,1,1,2-Tetrachloroethane	2.59	0.0534	<0.029	<0.029	<0.029	<0.029
Tetrachloroethene (PCE)	30.7	0.0045	<0.054	<0.054	<0.054	0.097 J
Toluene	818	1.1072	<0.031	<0.031	<0.031	<0.031
1,2,4-Trichlorobenzene	22	0.408	<0.085	<0.085	<0.085	<0.085
1,2,3-Trichlorobenzene	48.9	-----	<0.12	<0.12	<0.12	<0.12
1,1,1-Trichloroethane	640	0.1402	<0.04	<0.04	<0.04	<0.04
1,1,2-Trichloroethane	1.48	0.0032	<0.033	<0.033	<0.033	<0.033
Trichloroethene (TCE)	1.26	0.0036	<0.042	<0.042	<0.042	<0.042
Trichlorofluoromethane	1.120	-----	<0.06	<0.06	<0.06	<0.06
1,2,4-Trimethylbenzene	89.8	1.3821	<0.078	<0.078	<0.078	<0.078
1,3,5-Trimethylbenzene	182	-----	<0.089	<0.089	<0.089	<0.089
Vinyl Chloride	0.067	0.0001	<0.01	<0.01	<0.01	<0.01
m&p-Xylene	-----	-----	<0.07	<0.07	<0.07	<0.07
o-Xylene	258	3.94	<0.029	<0.029	<0.029	<0.029

- 1) VOC - Volatile Organic Compound
- 2) mg/kg - milligrams per kilogram
- 3) RCL - Residual Contaminant Level (mg/kg)
- 4) ----- - Standard not established
- 5) J : Estimated concentration at or above the limit of detection (LOD) and below the limit of quantitation (LOQ).

**TABLE 2**  
**Groundwater Analytical Results Summary**  
 Krystal Kleeners  
 131 E. Sunset Dr.  
 Waukesha, Wisconsin

PARAMETER	NR 140 Table 1		Sample ID / Collection Date	
	ES	PAL	B-1 12/4/2015	B-2 12/4/2015
VOC (µg/L)				
Benzene	5	<u>0.5</u>	<2.2	<0.44
Bromobenzene	NE	NE	<2.4	<0.48
Bromodichloromethane	0.6	<u>0.06</u>	<2.3	<0.46
Bromoform	4.4	<u>0.44</u>	<2.3	<0.46
tert-Butylbenzene	NE	NE	<5.5	<1.1
sec-Butylbenzene	NE	NE	<6	<1.2
n-Butylbenzene	NE	NE	<5	<1
Carbon Tetrachloride	5	<u>0.5</u>	<2.55	<0.51
Chlorobenzene	100	<u>20</u>	<2.3	<0.46
Chloroethane	400	<u>80</u>	<3.25	<0.65
Chloroform	6	<u>0.6</u>	<2.15	<0.43
Chloromethane	30	<u>3</u>	<9.5	<1.9
2-Chlorotoluene	NE	NE	<2	<0.4
4-Chlorotoluene	NE	NE	<3.15	<0.63
1,2-Dibromo-3-chloropropane	0.2	<u>0.02</u>	<7	<1.4
Dibromodichloromethane	NE	NE	<2.25	<0.45
1,4-Dichlorobenzene	75	<u>15</u>	<2.45	<0.49
1,3-Dichlorobenzene	600	<u>120</u>	<2.6	<0.52
1,2-Dichlorobenzene	600	<u>60</u>	<2.3	<0.46
Dichlorodifluoromethane	1000	<u>200</u>	<4.35	<0.87
1,2-Dichloroethane	5	<u>0.5</u>	<2.4	<0.48
1,1-Dichloroethane	850	<u>85</u>	<5.5	<1.1
1,1-Dichloroethene	7	<u>0.7</u>	<3.25	<0.65
cis-1,2-Dichloroethene	70	<u>7</u>	<2.25	<0.45
trans-1,2-Dichloroethene	100	<u>20</u>	<2.7	<0.54
1,2-Dichloropropane	5	<u>0.5</u>	<2.15	<0.43
2,2-Dichloropropane	NE	NE	<15.5	<3.1
1,3-Dichloropropane	NE	NE	<2.1	<0.42
Di-isopropyl ether	NE	NE	<2.2	<0.44
1,2-Dibromoethane (EDB)	0.05	<u>0.005</u>	<3.15	<0.63
Ethylbenzene	700	<u>140</u>	<3.55	<0.71
Hexachlorobutadiene	NE	NE	<11	<2.2
Isopropylbenzene	NE	NE	<4.1	<0.82
p-Isopropyltoluene	NE	NE	<5.5	<1.1
Methylene Chloride	5	<u>0.5</u>	<6.5	<1.3
Methyl-tert-butyl-ether (MTBE)	60	<u>12</u>	<5.5	<1.1
Naphthalene	100	<u>10</u>	<8	<1.6
n-Propylbenzene	NE	NE	<3.85	<0.77
1,1,2,2-Tetrachloroethane	0.2	<u>0.02</u>	<2.6	<0.52
1,1,1,2-Tetrachloroethane	70	<u>7</u>	<2.4	<0.48
Tetrachloroethene (PCE)	5	<u>0.5</u>	<2.45	7.8
Toluene	800	<u>160</u>	<2.2	0.54 J
1,2,4-Trichlorobenzene	70	<u>14</u>	<8.5	<1.7
1,2,3-Trichlorobenzene	NE	NE	<13.5	<2.7
1,1,1-Trichloroethane	200	<u>40</u>	<4.2	<0.84
1,1,2-Trichloroethane	5	<u>0.5</u>	<2.4	<0.48
Trichloroethene (TCE)	5	<u>0.5</u>	<2.35	1.07 J
Trichlorofluoromethane	3490	<u>698</u>	<4.35	<0.87
1,2,4-Trimethylbenzene			<8	<1.6
1,3,5-Trimethylbenzene	480	<u>96</u>	<7.5	<1.5
Vinyl Chloride	0.2	<u>0.02</u>	<0.85	<0.17
m&p-Xylene			<11	<2.2
o-Xylene	2,000	<u>400</u>	<4.5	<0.9

VOC : Volatile organic compounds

NE : No Standard Established

µg/L - micrograms per liter

J : Estimated concentration at or above the limit of detection (LOD) and below the limit of quantitation (LC

NR 140 Table 1 - WAC Public Health Groundwater Quality Standards

ES : Enforcement Standard

PAL : Preventive Action Limit

**Table 3**  
**Sub-Slab Vapor Analytical Results Summary**  
 131 E. Sunset Dr.  
 Waukesha, Wisconsin

Sample ID	VP-1	VP-2	Indoor Air Vapor Action Level	Sub-Slab Regional Screening Level
Date Collected	CAS	12/14/2015	12/14/2015	
<b>VOCs (<math>\mu\text{g}/\text{m}^3</math>)</b>				
Acetone	67-64-1	87.2	59.4	140,000
Benzene	71-43-2	4.5	8.2	16
Benzyl chloride	100-44-7	<0.96	<1.0	2.50
Bromodichloromethane	75-27-4	<0.13	<0.13	3.30
Bromoform	75-25-2	<0.20	<0.21	110
Bromomethane	74-83-9	<1.1	<1.2	22
1,3-Butadiene	106-99-0	<0.53	<0.55	4.10
2-Butanone (Methyl Ethyl Ketone)	78-93-3	16.7	6.8	--
Carbon disulfide	75-15-0	1.2	0.72 J	3,100
Carbon tetrachloride	56-23-5	<0.12	<0.13	20
Chlorobenzene	108-90-7	<0.86	<0.90	220
Chloroethane (Ethyl Chloride)	75-00-3	1.3	<0.060	44,000
Chloroform	67-66-3	5.1	4.8	5.3
Chloromethane	74-87-3	<0.038	<0.040	390
Cyclohexane	110-82-7	6.4	18.2	26,000
Dibromochloromethane	124-48-1	<1.6	<1.7	45
1,2-Dibromoethane (EDB)	106-93-4	<1.4	<1.5	0.20
1,2-Dichlorobenzene	95-50-1	<1.1	<1.2	880
1,3-Dichlorobenzene	541-73-1	<1.1	<1.2	--
1,4-Dichlorobenzene	106-46-7	<0.11	<0.12	11.0
Dichlorodifluoromethane	75-71-8	40.3	6.5	440
1,1-Dichloroethane	75-35-4	<0.75	<0.79	77
1,2-Dichloroethane	107-06-2	<0.084	<0.088	4.7
1,1-Dichloroethene	75-34-4	5.5	0.14 J	880
cis-1,2-Dichloroethene	156-59-2	9,580	437	--
trans-1,2-Dichloroethene	156-60-5	3,560	67.1	--
1,2-Dichloropropane	78-87-5	<0.86	<0.90	12.0
cis-1,3-Dichloropropene	10061-01-5	<0.84	<0.89	31.0
trans-1,3-Dichloropropene	10061-02-6	<0.84	<0.89	
Dichlorotetrafluoroethane	76-14-2	<1.3	<1.4	--
Ethanol	64-17-5	141	29.0	--
Ethyl Acetate	141-78-6	<0.67	<0.70	310
Ethylbenzene	100-41-4	2.8	6.1	49
4-Ethyltoluene	622-96-8	<0.92	4.3	--
n-Heptane	142-82-5	10.9	29.4	--
Hexachlorobutadiene	87-68-3	<9.9	<10.4	5.6
n-Hexane	110-54-3	13.2	32.6	3,100
2-Hexanone	591-78-6	<3.8	<4.0	130
Methylene Chloride	75-09-2	<3.2	<3.4	2,600
4-Methyl-2-pentanone (MIBK)	108-10-1	<3.8	6.7 J	13,000
Methyl-tert-butyl ether (MTBE)	1634-04-4	<3.4	<3.5	470
Naphthalene	91-20-3	<4.9	<5.1	3.6
2-Propanol (Isopropanol)	67-63-0	15.5	<0.91	880
Propylene	115-07-1	<0.042	<0.044	13,000
Styrene	100-42-5	4.5	3.7	4,400
1,1,2,2-Tetrachloroethane	79-34-5	<0.64	<0.67	21.00
Tetrachloroethene (PCE)	127-18-4	443,000	14,600	180
Tetrahydrofuran	109-99-9	<0.055	<0.058	8,800
Toluene	108-88-3	7.1	20.6	22,000
1,2,4-Trichlorobenzene	120-82-1	<6.9	<7.2	8.8
1,1,1-Trichloroethane	71-55-6	<1.0	<1.1	22,000
1,1,2-Trichloroethane	79-00-5	<0.10	<0.11	0.88
Trichloroethene	79-01-6	17,300	782	8.8
Trichlorofluoromethane	75-69-4	<1.2	<1.3	3,100
1,1,2-Trichlorotrifluoroethane	76-13-1	<1.4	<1.5	--
1,2,4-Trimethylbenzene	95-63-6	1.9	11.5	31
1,3,5-Trimethylbenzene	108-67-8	<0.92	4.7	--
Vinyl acetate	108-05-4	<0.082	<0.086	880
Vinyl Chloride	75-01-4	1.1	<0.052	28
m&p-Xylene	179601-23-1	4.1	15.6	440
o-xylene	95-47-6	1.7	6.9	440

**Notes:**

VOCs : Volatile Organic Compounds

$\mu\text{g}/\text{m}^3$  : micrograms per cubic meter

-- : No Standard Established

J : Estimated concentration at or above the limit of detection (LOD) and below the limit of quantitation (LOQ).

# ***Endpoint Solutions***

## **APPENDIX A**

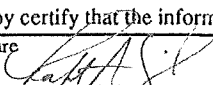
SOIL BORING LOGS

Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

Facility/Project Name Krystal Kleeners		License/Permit/Monitoring Number		Boring Number B-1	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Bendorf Firm: Probe Technologies		Date Drilling Started 12 / 04 / 2015 m m / d d / y y y y	Date Drilling Completed 12 / 04 / 2015 m m / d d / y y y y	Drilling Method direct push	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E		Local Grid Location Lat 0 ' " _____ Long 0 ' " _____		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County Waukesha	County Code 6 8	Civil Town/City/ or Village Waukesha		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	48/48		0	asphalt and sub-base										
			1	fill with dry silty clay and crushed stone										
			3	dark greenish silty clay, plastic, moist									sample 3 - 4'	
2	36/48		4	light green silty clay, plastic, moist										
			6	tan silty clay, moist								sample 6 - 7'		
			7	rock										
			8	tan silty clay, coarse sand, moist										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm  
Endpoint Solutions Corp.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

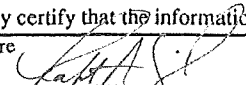


Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Facility/Project Name Krystal Kleanners			License/Permit/Monitoring Number		Boring Number B-2
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Bendorf Firm: Probe Technologies			Date Drilling Started 12 / 04 / 2015 m m / d d / y y y y	Date Drilling Completed 12 / 04 / 2015 m m / d d / y y y y	Drilling Method direct push
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E			Lat 0 ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County Waukesha	County Code 6 8	Civil Town/City/ or Village Waukesha		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	36/ 48		0	asphalt and sub-base										
			1	fill with dry silty clay and crushed stone										
2	36/ 48		2	dark greenish silty clay, dry									sample 3 - 4'	
			3	possible fill materials - greenish silty clay, crushed stone, fine to coarse sands and tan - gray silty clays									sample 6 - 7'	
			4	moist										
			5	fine to coarse tan sand, wet										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  Firm  
Endpoint Solutions Corp.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.





# *Endpoint Solutions*

## **APPENDIX B**

SOIL ANALYTICAL RESULTS

GROUNDWATER ANALYTICAL RESULTS

SUB-SLAB VAPOR ANALYTICAL RESULTS

# 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 14-Dec-15

Project Name KRYSTAL KLEANERS  
 Project # 255-006-002  
 Lab Code 5030154A  
 Sample ID B-1 3-4'  
 Sample Matrix Soil  
 Sample Date 12/4/2015

Invoice # E30154

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.4	%			1	5021		12/7/2015	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		12/9/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		12/9/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		12/9/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		12/9/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		12/9/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		12/9/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		12/9/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		12/9/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		12/9/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/9/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		12/9/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		12/9/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/9/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		12/9/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		12/9/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		12/9/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		12/9/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		12/9/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		12/9/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		12/9/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		12/9/2015	CJR	1

Project Name KRYSTAL KLEANERS  
 Project # 255-006-002

Invoice # E30154

Lab Code 5030154A  
 Sample ID B-1 3-4'  
 Sample Matrix Soil  
 Sample Date 12/4/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		12/9/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		12/9/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/9/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		12/9/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		12/9/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		12/9/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		12/9/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		12/9/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		12/9/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		12/9/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/9/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		12/9/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		12/9/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/9/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		12/9/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		12/9/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		12/9/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		12/9/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		12/9/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		12/9/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		12/9/2015	CJR	1
SUR - 4-Bromofluorobenzene	112	Rec %			1	8260B		12/9/2015	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		12/9/2015	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		12/9/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		12/9/2015	CJR	1

Project Name KRYSTAL KLEANERS  
 Project # 255-006-002

Invoice # E30154

Lab Code 5030154B  
 Sample ID B-1 6-7'  
 Sample Matrix Soil  
 Sample Date 12/4/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.5	%			1	5021		12/7/2015	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		12/9/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		12/9/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		12/9/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		12/9/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		12/9/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		12/9/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		12/9/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		12/9/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		12/9/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/9/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		12/9/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		12/9/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/9/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		12/9/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		12/9/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		12/9/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		12/9/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		12/9/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		12/9/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		12/9/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		12/9/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		12/9/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		12/9/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/9/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		12/9/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		12/9/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		12/9/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		12/9/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		12/9/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		12/9/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		12/9/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/9/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		12/9/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		12/9/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/9/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		12/9/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		12/9/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		12/9/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		12/9/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		12/9/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		12/9/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		12/9/2015	CJR	1

**Project Name** KRYSTAL KLEANERS  
**Project #** 255-006-002

**Invoice #** E30154

**Lab Code** 5030154B  
**Sample ID** B-1 6-7'  
**Sample Matrix** Soil  
**Sample Date** 12/4/2015

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		12/9/2015	CJR	1
SUR - 4-Bromofluorobenzene	110	Rec %			1	8260B		12/9/2015	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		12/9/2015	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		12/9/2015	CJR	1

Project Name KRYSTAL KLEANERS  
 Project # 255-006-002

Invoice # E30154

Lab Code 5030154C  
 Sample ID B-2 3-4'  
 Sample Matrix Soil  
 Sample Date 12/4/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.0	%			1	5021		12/7/2015	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		12/9/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		12/9/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		12/9/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		12/9/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		12/9/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		12/9/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		12/9/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		12/9/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		12/9/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/9/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		12/9/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		12/9/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/9/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		12/9/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		12/9/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
cis-1,2-Dichloroethene	0.033 "J"	mg/kg	0.021	0.068	1	8260B		12/9/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		12/9/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		12/9/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		12/9/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		12/9/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		12/9/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		12/9/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		12/9/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/9/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		12/9/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		12/9/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		12/9/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		12/9/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		12/9/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		12/9/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		12/9/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/9/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		12/9/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		12/9/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/9/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		12/9/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		12/9/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		12/9/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		12/9/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		12/9/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		12/9/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		12/9/2015	CJR	1

**Project Name** KRYSTAL KLEANERS  
**Project #** 255-006-002

**Invoice #** E30154

**Lab Code** 5030154C  
**Sample ID** B-2 3-4'  
**Sample Matrix** Soil  
**Sample Date** 12/4/2015

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
SUR - Dibromofluoromethane	93	Rec %			1	8260B		12/9/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		12/9/2015	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		12/9/2015	CJR	1
SUR - 4-Bromofluorobenzene	110	Rec %			1	8260B		12/9/2015	CJR	1

Project Name KRYSTAL KLEANERS  
 Project # 255-006-002

Invoice # E30154

Lab Code 5030154D  
 Sample ID B-2 6-7'  
 Sample Matrix Soil  
 Sample Date 12/4/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.4	%			1	5021		12/7/2015	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		12/9/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		12/9/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		12/9/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		12/9/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		12/9/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		12/9/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		12/9/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		12/9/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		12/9/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/9/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		12/9/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		12/9/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/9/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		12/9/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/9/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		12/9/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		12/9/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		12/9/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		12/9/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		12/9/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		12/9/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		12/9/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		12/9/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		12/9/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/9/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		12/9/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		12/9/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		12/9/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		12/9/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/9/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		12/9/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		12/9/2015	CJR	1
Tetrachloroethene	0.097 "J"	mg/kg	0.054	0.17	1	8260B		12/9/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		12/9/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/9/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		12/9/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		12/9/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/9/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		12/9/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		12/9/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		12/9/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		12/9/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		12/9/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		12/9/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		12/9/2015	CJR	1



**Project Name** KRYSTAL KLEANERS  
**Project #** 255-006-002

**Invoice #** E30154

**Lab Code** 5030154D  
**Sample ID** B-2 6-7'  
**Sample Matrix** Soil  
**Sample Date** 12/4/2015

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		12/9/2015	CJR	1
SUR - 4-Bromofluorobenzene	114	Rec %			1	8260B		12/9/2015	CJR	1
SUR - Dibromofluoromethane	95	Rec %			1	8260B		12/9/2015	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		12/9/2015	CJR	1

Project Name KRYSTAL KLEANERS  
 Project # 255-006-002

Invoice # E30154

Lab Code 5030154E  
 Sample ID B-1  
 Sample Matrix Water  
 Sample Date 12/4/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 2.2	ug/l	2.2	7	5	8260B		12/10/2015	CJR	1 49
Bromobenzene	< 2.4	ug/l	2.4	7.5	5	8260B		12/10/2015	CJR	1 49
Bromodichloromethane	< 2.3	ug/l	2.3	7.5	5	8260B		12/10/2015	CJR	1 49
Bromoform	< 2.3	ug/l	2.3	7.5	5	8260B		12/10/2015	CJR	1 49
tert-Butylbenzene	< 5.5	ug/l	5.5	17	5	8260B		12/10/2015	CJR	1 49
sec-Butylbenzene	< 6	ug/l	6	19	5	8260B		12/10/2015	CJR	1 49
n-Butylbenzene	< 5	ug/l	5	16.5	5	8260B		12/10/2015	CJR	1 49
Carbon Tetrachloride	< 2.55	ug/l	2.55	8	5	8260B		12/10/2015	CJR	1 49
Chlorobenzene	< 2.3	ug/l	2.3	7	5	8260B		12/10/2015	CJR	1 49
Chloroethane	< 3.25	ug/l	3.25	10.5	5	8260B		12/10/2015	CJR	1 49
Chloroform	< 2.15	ug/l	2.15	7	5	8260B		12/10/2015	CJR	1 49
Chloromethane	< 9.5	ug/l	9.5	30	5	8260B		12/10/2015	CJR	1 49
2-Chlorotoluene	< 2	ug/l	2	6.5	5	8260B		12/10/2015	CJR	1 49
4-Chlorotoluene	< 3.15	ug/l	3.15	10	5	8260B		12/10/2015	CJR	1 49
1,2-Dibromo-3-chloropropane	< 7	ug/l	7	22.5	5	8260B		12/10/2015	CJR	1 49
Dibromochloromethane	< 2.25	ug/l	2.25	7	5	8260B		12/10/2015	CJR	1 49
1,4-Dichlorobenzene	< 2.45	ug/l	2.45	8	5	8260B		12/10/2015	CJR	1 49
1,3-Dichlorobenzene	< 2.6	ug/l	2.6	8	5	8260B		12/10/2015	CJR	1 49
1,2-Dichlorobenzene	< 2.3	ug/l	2.3	7.5	5	8260B		12/10/2015	CJR	1 49
Dichlorodifluoromethane	< 4.35	ug/l	4.35	14	5	8260B		12/10/2015	CJR	1 49
1,2-Dichloroethane	< 2.4	ug/l	2.4	7.5	5	8260B		12/10/2015	CJR	1 49
1,1-Dichloroethane	< 5.5	ug/l	5.5	18	5	8260B		12/10/2015	CJR	1 49
1,1-Dichloroethene	< 3.25	ug/l	3.25	10.5	5	8260B		12/10/2015	CJR	1 49
cis-1,2-Dichloroethene	< 2.25	ug/l	2.25	7	5	8260B		12/10/2015	CJR	1 49
trans-1,2-Dichloroethene	< 2.7	ug/l	2.7	8.5	5	8260B		12/10/2015	CJR	1 49
1,2-Dichloropropane	< 2.15	ug/l	2.15	6.85	5	8260B		12/10/2015	CJR	1 49
2,2-Dichloropropane	< 15.5	ug/l	15.5	49	5	8260B		12/10/2015	CJR	1 49
1,3-Dichloropropane	< 2.1	ug/l	2.1	6.5	5	8260B		12/10/2015	CJR	1 49
Di-isopropyl ether	< 2.2	ug/l	2.2	7	5	8260B		12/10/2015	CJR	1 49
EDB (1,2-Dibromoethane)	< 3.15	ug/l	3.15	10	5	8260B		12/10/2015	CJR	1 49
Ethylbenzene	< 3.55	ug/l	3.55	11.5	5	8260B		12/10/2015	CJR	1 49
Hexachlorobutadiene	< 11	ug/l	11	35.5	5	8260B		12/10/2015	CJR	1 49
Isopropylbenzene	< 4.1	ug/l	4.1	13	5	8260B		12/10/2015	CJR	1 49
p-Isopropyltoluene	< 5.5	ug/l	5.5	17.5	5	8260B		12/10/2015	CJR	1 49
Methylene chloride	< 6.5	ug/l	6.5	21	5	8260B		12/10/2015	CJR	1 49
Methyl tert-butyl ether (MTBE)	< 5.5	ug/l	5.5	18.5	5	8260B		12/10/2015	CJR	1 49
Naphthalene	< 8	ug/l	8	26	5	8260B		12/10/2015	CJR	1 49
n-Propylbenzene	< 3.85	ug/l	3.85	12	5	8260B		12/10/2015	CJR	1 49
1,1,2,2-Tetrachloroethane	< 2.6	ug/l	2.6	8.5	5	8260B		12/10/2015	CJR	1 49
1,1,1,2-Tetrachloroethane	< 2.4	ug/l	2.4	7.5	5	8260B		12/10/2015	CJR	1 49
Tetrachloroethene	< 2.45	ug/l	2.45	7.5	5	8260B		12/10/2015	CJR	1 49
Toluene	< 2.2	ug/l	2.2	7	5	8260B		12/10/2015	CJR	1 49
1,2,4-Trichlorobenzene	< 8.5	ug/l	8.5	28	5	8260B		12/10/2015	CJR	1 49
1,2,3-Trichlorobenzene	< 13.5	ug/l	13.5	43	5	8260B		12/10/2015	CJR	1 49
1,1,1-Trichloroethane	< 4.2	ug/l	4.2	13.5	5	8260B		12/10/2015	CJR	1 49
1,1,2-Trichloroethane	< 2.4	ug/l	2.4	7.6	5	8260B		12/10/2015	CJR	1 49
Trichloroethene (TCE)	< 2.35	ug/l	2.35	7.5	5	8260B		12/10/2015	CJR	1 49
Trichlorofluoromethane	< 4.35	ug/l	4.35	14	5	8260B		12/10/2015	CJR	1 49
1,2,4-Trimethylbenzene	< 8	ug/l	8	25	5	8260B		12/10/2015	CJR	1 49
1,3,5-Trimethylbenzene	< 7.5	ug/l	7.5	24	5	8260B		12/10/2015	CJR	1 49
Vinyl Chloride	< 0.85	ug/l	0.85	2.7	5	8260B		12/10/2015	CJR	1 49
m&p-Xylene	< 11	ug/l	11	34.5	5	8260B		12/10/2015	CJR	1 49
o-Xylene	< 4.5	ug/l	4.5	14.5	5	8260B		12/10/2015	CJR	1 49
SUR - 1,2-Dichloroethane-d4	98	REC %			5	8260B		12/10/2015	CJR	1 49
SUR - 4-Bromofluorobenzene	115	REC %			5	8260B		12/10/2015	CJR	1 49
SUR - Dibromofluoromethane	92	REC %			5	8260B		12/10/2015	CJR	1 49
SUR - Toluene-d8	102	REC %			5	8260B		12/10/2015	CJR	1 49

Project Name KRYSTAL KLEANERS  
 Project # 255-006-002

Invoice # E30154

Lab Code 5030154F  
 Sample ID B-2  
 Sample Matrix Water  
 Sample Date 12/4/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/9/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		12/9/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		12/9/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		12/9/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		12/9/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		12/9/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		12/9/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		12/9/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		12/9/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		12/9/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		12/9/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		12/9/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		12/9/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		12/9/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		12/9/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		12/9/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		12/9/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		12/9/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		12/9/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		12/9/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		12/9/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		12/9/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		12/9/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		12/9/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		12/9/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		12/9/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		12/9/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		12/9/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		12/9/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		12/9/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		12/9/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		12/9/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		12/9/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		12/9/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		12/9/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		12/9/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		12/9/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		12/9/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		12/9/2015	CJR	1
Tetrachloroethene	7.8	ug/l	0.49	1.5	1	8260B		12/9/2015	CJR	1
Toluene	0.54 "J"	ug/l	0.44	1.4	1	8260B		12/9/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		12/9/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		12/9/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		12/9/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		12/9/2015	CJR	1
Trichloroethene (TCE)	1.07 "J"	ug/l	0.47	1.5	1	8260B		12/9/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		12/9/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		12/9/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		12/9/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		12/9/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		12/9/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		12/9/2015	CJR	1
SUR - Toluene-d8	89	REC %			1	8260B		12/9/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		12/9/2015	CJR	1
SUR - 4-Bromofluorobenzene	121	REC %			1	8260B		12/9/2015	CJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B		12/9/2015	CJR	1

**Project Name** KRYSTAL KLEANERS  
**Project #** 255-006-002

**Invoice #** E30154

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

<i>Code</i>	<i>Comment</i>
1	Laboratory QC within limits.
49	Sample diluted to compensate for matrix interference.

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**



Michael J. Steel

CHAIN OF STUDY RECORD

# Synergy

Chain # N<sup>o</sup> 2888

Page 1 of 1

## Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

**Sample Handling Request**

Rush Analysis Date Required \_\_\_\_\_  
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # \_\_\_\_\_  
Account No.: \_\_\_\_\_ Quote No.: \_\_\_\_\_  
Project #: 255-006-002  
Sampler: (signature) Tim Petrich

Project (Name / Location): Crystal Cleaners

Reports To: Tim Petrich Invoice To: \_\_\_\_\_  
Company: Endpoint Solutions Company: \_\_\_\_\_  
Address: 6871 S Waverlane Address: Same  
City State Zip: Franklin WI City State Zip: \_\_\_\_\_  
Phone: 414 858 1210 Phone: \_\_\_\_\_  
FAX: \_\_\_\_\_ FAX: \_\_\_\_\_

**Analysis Requested**

**Other Analysis**

Lab I.D.	Sample I.D.	Collection		Comp	Grab	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 542.2)	VOC (EPA 8260)	B:PCRA METALS	PID/ FID	
		Date	Time																						
S030154 A	D-1 3-4'	12/4	8:00		X	N	1	S	meth																
B	B-1 6-7'		8:30				1	S	meth													X			
C	B-2 3-4'		9:00				1	S	meth													X			
D	B-2 6-7'		9:30				1	S	meth													X			
E	B-1		8:30				3	GW	hel													X			
F	B-2		9:30				3	GW	hel													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: Refrigeration  
Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice:   
Cooler seal intact upon receipt:  Yes \_\_\_\_\_ No

Requisitioned By: (sign) Tim Petrich Time: 12:21 Date: 12/4/15  
Received By: (sign) [Signature] Time: 12:22 Date: 12/4/15

Received in Laboratory By: [Signature] Time: 10:00 Date: 12/5/15



Pace Analytical Services, Inc.  
1700 Elm Street - Suite 200  
Minneapolis, MN 55414  
(612)607-1700

December 09, 2015

Tim Petrick  
Endpoint Solutions  
6871 South Lovers Lane  
Franklin, WI 53132

RE: Project: Krystal Kleaners  
Pace Project No.: 10332083

Dear Tim Petrick:

Enclosed are the analytical results for sample(s) received by the laboratory on December 04, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

*Carolynne Trout*

Carolynne Trout  
carolynne.trout@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Krystal Kleeners  
Pace Project No.: 10332083

---

### Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - VWW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN\_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: Krystal Kleeners  
Pace Project No.: 10332083

---

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10332083001	VP-1	Air	12/03/15 08:50	12/04/15 09:50
10332083002	VP-2	Air	12/03/15 08:55	12/04/15 09:50

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: Krystal Kleeners  
Pace Project No.: 10332083

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10332083001	VP-1	TO-15	MJL	61	PASI-M
10332083002	VP-2	TO-15	MJL	61	PASI-M

### REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: Krystal Kleeners  
 Pace Project No.: 10332083

Sample: VP-1 Lab ID: 10332083001 Collected: 12/03/15 08:50 Received: 12/04/15 09:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	87.2	ug/m3	4.4	0.93	1.83		12/06/15 22:23	67-64-1	
Benzene	4.5	ug/m3	1.2	0.30	1.83		12/06/15 22:23	71-43-2	
Benzyl chloride	<0.96	ug/m3	1.9	0.96	1.83		12/06/15 22:23	100-44-7	
Bromodichloromethane	<0.13	ug/m3	2.5	0.13	1.83		12/06/15 22:23	75-27-4	
Bromoform	<0.20	ug/m3	3.8	0.20	1.83		12/06/15 22:23	75-25-2	
Bromomethane	<1.1	ug/m3	1.4	1.1	1.83		12/06/15 22:23	74-83-9	
1,3-Butadiene	<0.53	ug/m3	0.82	0.53	1.83		12/06/15 22:23	106-99-0	
2-Butanone (MEK)	16.7	ug/m3	5.5	2.7	1.83		12/06/15 22:23	78-93-3	
Carbon disulfide	1.2	ug/m3	1.2	0.070	1.83		12/06/15 22:23	75-15-0	
Carbon tetrachloride	<0.12	ug/m3	1.2	0.12	1.83		12/06/15 22:23	56-23-5	
Chlorobenzene	<0.86	ug/m3	1.7	0.86	1.83		12/06/15 22:23	108-90-7	
Chloroethane	1.3	ug/m3	0.99	0.057	1.83		12/06/15 22:23	75-00-3	
Chloroform	5.1	ug/m3	1.8	0.45	1.83		12/06/15 22:23	67-66-3	
Chloromethane	<0.038	ug/m3	0.77	0.038	1.83		12/06/15 22:23	74-87-3	
Cyclohexane	6.4	ug/m3	1.3	0.095	1.83		12/06/15 22:23	110-82-7	
Dibromochloromethane	<1.6	ug/m3	3.2	1.6	1.83		12/06/15 22:23	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/m3	2.9	1.4	1.83		12/06/15 22:23	106-93-4	
1,2-Dichlorobenzene	<1.1	ug/m3	2.2	1.1	1.83		12/06/15 22:23	95-50-1	
1,3-Dichlorobenzene	<1.1	ug/m3	2.2	1.1	1.83		12/06/15 22:23	541-73-1	
1,4-Dichlorobenzene	<0.11	ug/m3	2.2	0.11	1.83		12/06/15 22:23	106-46-7	
Dichlorodifluoromethane	40.3	ug/m3	1.8	0.92	1.83		12/06/15 22:23	75-71-8	
1,1-Dichloroethane	<0.75	ug/m3	1.5	0.75	1.83		12/06/15 22:23	75-34-3	
1,2-Dichloroethane	<0.084	ug/m3	0.75	0.084	1.83		12/06/15 22:23	107-06-2	
1,1-Dichloroethene	5.5	ug/m3	1.5	0.093	1.83		12/06/15 22:23	75-35-4	
cis-1,2-Dichloroethene	9580	ug/m3	474	24.0	585.6		12/08/15 05:04	156-59-2	A3
trans-1,2-Dichloroethene	3560	ug/m3	474	24.0	585.6		12/08/15 05:04	156-60-5	A3
1,2-Dichloropropane	<0.86	ug/m3	1.7	0.86	1.83		12/06/15 22:23	78-87-5	
cis-1,3-Dichloropropene	<0.84	ug/m3	1.7	0.84	1.83		12/06/15 22:23	10061-01-5	
trans-1,3-Dichloropropene	<0.84	ug/m3	1.7	0.84	1.83		12/06/15 22:23	10061-02-6	
Dichlorotetrafluoroethane	<1.3	ug/m3	2.6	1.3	1.83		12/06/15 22:23	76-14-2	
Ethanol	141	ug/m3	3.5	1.8	1.83		12/06/15 22:23	64-17-5	
Ethyl acetate	<0.67	ug/m3	1.3	0.67	1.83		12/06/15 22:23	141-78-6	
Ethylbenzene	2.8	ug/m3	1.6	0.81	1.83		12/06/15 22:23	100-41-4	
4-Ethyltoluene	<0.92	ug/m3	1.8	0.92	1.83		12/06/15 22:23	622-96-8	
n-Heptane	10.9	ug/m3	1.5	0.76	1.83		12/06/15 22:23	142-82-5	
Hexachloro-1,3-butadiene	<9.9	ug/m3	19.9	9.9	1.83		12/06/15 22:23	87-68-3	
n-Hexane	13.2	ug/m3	1.3	0.10	1.83		12/06/15 22:23	110-54-3	
2-Hexanone	<3.8	ug/m3	19.0	3.8	1.83		12/06/15 22:23	591-78-6	
Methylene Chloride	<3.2	ug/m3	6.5	3.2	1.83		12/06/15 22:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	<3.8	ug/m3	7.6	3.8	1.83		12/06/15 22:23	108-10-1	
Methyl-tert-butyl ether	<3.4	ug/m3	6.7	3.4	1.83		12/06/15 22:23	1634-04-4	
Naphthalene	<4.9	ug/m3	9.8	4.9	1.83		12/06/15 22:23	91-20-3	
2-Propanol	15.5	ug/m3	4.6	0.87	1.83		12/06/15 22:23	67-63-0	
Propylene	<0.042	ug/m3	0.64	0.042	1.83		12/06/15 22:23	115-07-1	
Styrene	4.5	ug/m3	1.6	0.79	1.83		12/06/15 22:23	100-42-5	
1,1,2,2-Tetrachloroethane	<0.64	ug/m3	1.3	0.64	1.83		12/06/15 22:23	79-34-5	

**REPORT OF LABORATORY ANALYSIS**

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**ANALYTICAL RESULTS**

Project: Krystal Kleeners  
 Pace Project No.: 10332083

Sample: VP-1 Lab ID: 10332083001 Collected: 12/03/15 08:50 Received: 12/04/15 09:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Tetrachloroethene	443000	ug/m3	3230	1620	4684.8		12/08/15 10:46	127-18-4	A3
Tetrahydrofuran	<0.055	ug/m3	1.1	0.055	1.83		12/06/15 22:23	109-99-9	
Toluene	7.1	ug/m3	1.4	0.70	1.83		12/06/15 22:23	108-88-3	
1,2,4-Trichlorobenzene	<6.9	ug/m3	13.8	6.9	1.83		12/06/15 22:23	120-82-1	
1,1,1-Trichloroethane	<1.0	ug/m3	2.0	1.0	1.83		12/06/15 22:23	71-55-6	
1,1,2-Trichloroethane	<0.10	ug/m3	1.0	0.10	1.83		12/06/15 22:23	79-00-5	
Trichloroethene	17300	ug/m3	322	160	585.6		12/08/15 05:04	79-01-6	A3
Trichlorofluoromethane	<1.2	ug/m3	2.1	1.2	1.83		12/06/15 22:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	<1.4	ug/m3	2.9	1.4	1.83		12/06/15 22:23	76-13-1	
1,2,4-Trimethylbenzene	1.9	ug/m3	1.8	0.095	1.83		12/06/15 22:23	95-63-6	
1,3,5-Trimethylbenzene	<0.92	ug/m3	1.8	0.92	1.83		12/06/15 22:23	108-67-8	
Vinyl acetate	<0.082	ug/m3	1.3	0.082	1.83		12/06/15 22:23	108-05-4	
Vinyl chloride	1.1	ug/m3	0.48	0.049	1.83		12/06/15 22:23	75-01-4	
m&p-Xylene	4.1	ug/m3	3.2	1.6	1.83		12/06/15 22:23	179601-23-1	
o-Xylene	1.7	ug/m3	1.6	0.81	1.83		12/06/15 22:23	95-47-6	

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### ANALYTICAL RESULTS

Project: Krystal Kleeners  
 Pace Project No.: 10332083

Sample: VP-2 Lab ID: 10332083002 Collected: 12/03/15 08:55 Received: 12/04/15 09:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	59.4	ug/m3	4.6	0.97	1.92		12/06/15 23:00	67-64-1	
Benzene	8.2	ug/m3	1.2	0.31	1.92		12/06/15 23:00	71-43-2	
Benzyl chloride	<1.0	ug/m3	2.0	1.0	1.92		12/06/15 23:00	100-44-7	
Bromodichloromethane	<0.13	ug/m3	2.6	0.13	1.92		12/06/15 23:00	75-27-4	
Bromoform	<0.21	ug/m3	4.0	0.21	1.92		12/06/15 23:00	75-25-2	
Bromomethane	<1.2	ug/m3	1.5	1.2	1.92		12/06/15 23:00	74-83-9	
1,3-Butadiene	<0.55	ug/m3	0.86	0.55	1.92		12/06/15 23:00	106-99-0	
2-Butanone (MEK)	6.8	ug/m3	5.8	2.9	1.92		12/06/15 23:00	78-93-3	
Carbon disulfide	0.72J	ug/m3	1.2	0.073	1.92		12/06/15 23:00	75-15-0	
Carbon tetrachloride	<0.13	ug/m3	1.2	0.13	1.92		12/06/15 23:00	56-23-5	
Chlorobenzene	<0.90	ug/m3	1.8	0.90	1.92		12/06/15 23:00	108-90-7	
Chloroethane	<0.060	ug/m3	1.0	0.060	1.92		12/06/15 23:00	75-00-3	
Chloroform	4.8	ug/m3	1.9	0.48	1.92		12/06/15 23:00	67-66-3	
Chloromethane	<0.040	ug/m3	0.81	0.040	1.92		12/06/15 23:00	74-87-3	
Cyclohexane	18.2	ug/m3	1.3	0.10	1.92		12/06/15 23:00	110-82-7	
Dibromochloromethane	<1.7	ug/m3	3.3	1.7	1.92		12/06/15 23:00	124-48-1	
1,2-Dibromoethane (EDB)	<1.5	ug/m3	3.0	1.5	1.92		12/06/15 23:00	106-93-4	
1,2-Dichlorobenzene	<1.2	ug/m3	2.3	1.2	1.92		12/06/15 23:00	95-50-1	
1,3-Dichlorobenzene	<1.2	ug/m3	2.3	1.2	1.92		12/06/15 23:00	541-73-1	
1,4-Dichlorobenzene	<0.12	ug/m3	2.3	0.12	1.92		12/06/15 23:00	106-46-7	
Dichlorodifluoromethane	6.5	ug/m3	1.9	0.97	1.92		12/06/15 23:00	75-71-8	
1,1-Dichloroethane	<0.79	ug/m3	1.6	0.79	1.92		12/06/15 23:00	75-34-3	
1,2-Dichloroethane	<0.088	ug/m3	0.79	0.088	1.92		12/06/15 23:00	107-06-2	
1,1-Dichloroethene	0.14J	ug/m3	1.6	0.098	1.92		12/06/15 23:00	75-35-4	
cis-1,2-Dichloroethene	437	ug/m3	124	6.3	153.6		12/08/15 04:00	156-59-2	A3
trans-1,2-Dichloroethene	67.1	ug/m3	1.6	0.079	1.92		12/06/15 23:00	156-60-5	
1,2-Dichloropropane	<0.90	ug/m3	1.8	0.90	1.92		12/06/15 23:00	78-87-5	
cis-1,3-Dichloropropene	<0.89	ug/m3	1.8	0.89	1.92		12/06/15 23:00	10061-01-5	
trans-1,3-Dichloropropene	<0.89	ug/m3	1.8	0.89	1.92		12/06/15 23:00	10061-02-6	
Dichlorotetrafluoroethane	<1.4	ug/m3	2.7	1.4	1.92		12/06/15 23:00	76-14-2	
Ethanol	29.0	ug/m3	3.7	1.8	1.92		12/06/15 23:00	64-17-5	
Ethyl acetate	<0.70	ug/m3	1.4	0.70	1.92		12/06/15 23:00	141-78-6	
Ethylbenzene	6.1	ug/m3	1.7	0.85	1.92		12/06/15 23:00	100-41-4	
4-Ethyltoluene	4.3	ug/m3	1.9	0.96	1.92		12/06/15 23:00	622-96-8	
n-Heptane	29.4	ug/m3	1.6	0.80	1.92		12/06/15 23:00	142-82-5	
Hexachloro-1,3-butadiene	<10.4	ug/m3	20.8	10.4	1.92		12/06/15 23:00	87-68-3	
n-Hexane	32.6	ug/m3	1.4	0.11	1.92		12/06/15 23:00	110-54-3	
2-Hexanone	<4.0	ug/m3	20.0	4.0	1.92		12/06/15 23:00	591-78-6	
Methylene Chloride	<3.4	ug/m3	6.8	3.4	1.92		12/06/15 23:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	6.7J	ug/m3	8.0	4.0	1.92		12/06/15 23:00	108-10-1	
Methyl-tert-butyl ether	<3.5	ug/m3	7.0	3.5	1.92		12/06/15 23:00	1634-04-4	
Naphthalene	<5.1	ug/m3	10.2	5.1	1.92		12/06/15 23:00	91-20-3	
2-Propanol	<0.91	ug/m3	4.8	0.91	1.92		12/06/15 23:00	67-63-0	
Propylene	<0.044	ug/m3	0.67	0.044	1.92		12/06/15 23:00	115-07-1	
Styrene	3.7	ug/m3	1.7	0.83	1.92		12/06/15 23:00	100-42-5	
1,1,2,2-Tetrachloroethane	<0.67	ug/m3	1.3	0.67	1.92		12/06/15 23:00	79-34-5	

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**ANALYTICAL RESULTS**

Project: Krystal Kleeners  
 Pace Project No.: 10332083

Sample: VP-2 Lab ID: 10332083002 Collected: 12/03/15 08:55 Received: 12/04/15 09:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Tetrachloroethene	14600	ug/m3	106	53.0	153.6		12/08/15 04:00	127-18-4	A3
Tetrahydrofuran	<0.058	ug/m3	1.2	0.058	1.92		12/06/15 23:00	109-99-9	
Toluene	20.6	ug/m3	1.5	0.74	1.92		12/06/15 23:00	108-88-3	
1,2,4-Trichlorobenzene	<7.2	ug/m3	14.5	7.2	1.92		12/06/15 23:00	120-82-1	
1,1,1-Trichloroethane	<1.1	ug/m3	2.1	1.1	1.92		12/06/15 23:00	71-55-6	
1,1,2-Trichloroethane	<0.11	ug/m3	1.1	0.11	1.92		12/06/15 23:00	79-00-5	
Trichloroethene	782	ug/m3	84.5	41.9	153.6		12/08/15 04:00	79-01-6	A3
Trichlorofluoromethane	<1.3	ug/m3	2.2	1.3	1.92		12/06/15 23:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	<1.5	ug/m3	3.1	1.5	1.92		12/06/15 23:00	76-13-1	
1,2,4-Trimethylbenzene	11.5	ug/m3	1.9	0.10	1.92		12/06/15 23:00	95-63-6	
1,3,5-Trimethylbenzene	4.7	ug/m3	1.9	0.96	1.92		12/06/15 23:00	108-67-8	
Vinyl acetate	<0.086	ug/m3	1.4	0.086	1.92		12/06/15 23:00	108-05-4	
Vinyl chloride	<0.052	ug/m3	0.50	0.052	1.92		12/06/15 23:00	75-01-4	
m&p-Xylene	15.6	ug/m3	3.4	1.7	1.92		12/06/15 23:00	179601-23-1	
o-Xylene	6.9	ug/m3	1.7	0.85	1.92		12/06/15 23:00	95-47-6	

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: Krystal Kleeners  
Pace Project No.: 10332083

QC Batch: AIR/24773      Analysis Method: TO-15  
QC Batch Method: TO-15      Analysis Description: TO15 MSV AIR Low Level  
Associated Lab Samples: 10332083001, 10332083002

METHOD BLANK: 2150393      Matrix: Air  
Associated Lab Samples: 10332083001, 10332083002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.56	1.1	12/06/15 11:45	
1,1,2,2-Tetrachloroethane	ug/m3	<0.35	0.70	12/06/15 11:45	
1,1,2-Trichloroethane	ug/m3	<0.056	0.55	12/06/15 11:45	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.78	1.6	12/06/15 11:45	
1,1-Dichloroethane	ug/m3	<0.41	0.82	12/06/15 11:45	
1,1-Dichloroethene	ug/m3	<0.051	0.81	12/06/15 11:45	
1,2,4-Trichlorobenzene	ug/m3	<3.8	7.5	12/06/15 11:45	
1,2,4-Trimethylbenzene	ug/m3	<0.052	1.0	12/06/15 11:45	
1,2-Dibromoethane (EDB)	ug/m3	<0.78	1.6	12/06/15 11:45	
1,2-Dichlorobenzene	ug/m3	<0.61	1.2	12/06/15 11:45	
1,2-Dichloroethane	ug/m3	<0.046	0.41	12/06/15 11:45	
1,2-Dichloropropane	ug/m3	<0.47	0.94	12/06/15 11:45	
1,3,5-Trimethylbenzene	ug/m3	<0.50	1.0	12/06/15 11:45	
1,3-Butadiene	ug/m3	<0.29	0.45	12/06/15 11:45	
1,3-Dichlorobenzene	ug/m3	<0.61	1.2	12/06/15 11:45	
1,4-Dichlorobenzene	ug/m3	<0.062	1.2	12/06/15 11:45	
2-Butanone (MEK)	ug/m3	<1.5	3.0	12/06/15 11:45	
2-Hexanone	ug/m3	<2.1	10.4	12/06/15 11:45	
2-Propanol	ug/m3	<0.48	2.5	12/06/15 11:45	
4-Ethyltoluene	ug/m3	<0.50	1.0	12/06/15 11:45	
4-Methyl-2-pentanone (MIBK)	ug/m3	<2.1	4.2	12/06/15 11:45	
Acetone	ug/m3	<0.51	2.4	12/06/15 11:45	
Benzene	ug/m3	<0.16	0.65	12/06/15 11:45	
Benzyl chloride	ug/m3	<0.53	1.0	12/06/15 11:45	
Bromodichloromethane	ug/m3	<0.070	1.4	12/06/15 11:45	
Bromoform	ug/m3	<0.11	2.1	12/06/15 11:45	
Bromomethane	ug/m3	<0.62	0.79	12/06/15 11:45	
Carbon disulfide	ug/m3	<0.038	0.63	12/06/15 11:45	
Carbon tetrachloride	ug/m3	<0.068	0.64	12/06/15 11:45	
Chlorobenzene	ug/m3	<0.47	0.94	12/06/15 11:45	
Chloroethane	ug/m3	<0.031	0.54	12/06/15 11:45	
Chloroform	ug/m3	<0.25	0.99	12/06/15 11:45	
Chloromethane	ug/m3	<0.021	0.42	12/06/15 11:45	
cis-1,2-Dichloroethene	ug/m3	<0.041	0.81	12/06/15 11:45	
cis-1,3-Dichloropropene	ug/m3	<0.46	0.92	12/06/15 11:45	
Cyclohexane	ug/m3	<0.052	0.70	12/06/15 11:45	
Dibromochloromethane	ug/m3	<0.87	1.7	12/06/15 11:45	
Dichlorodifluoromethane	ug/m3	<0.50	1.0	12/06/15 11:45	
Dichlorotetrafluoroethane	ug/m3	<0.71	1.4	12/06/15 11:45	
Ethanol	ug/m3	<0.96	1.9	12/06/15 11:45	
Ethyl acetate	ug/m3	<0.37	0.73	12/06/15 11:45	

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### QUALITY CONTROL DATA

Project: Krystal Kleeners  
Pace Project No.: 10332083

METHOD BLANK: 2150393 Matrix: Air  
Associated Lab Samples: 10332083001, 10332083002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.44	0.88	12/06/15 11:45	
Hexachloro-1,3-butadiene	ug/m3	<5.4	10.8	12/06/15 11:45	
m&p-Xylene	ug/m3	<0.88	1.8	12/06/15 11:45	
Methyl-tert-butyl ether	ug/m3	<1.8	3.7	12/06/15 11:45	
Methylene Chloride	ug/m3	<1.8	3.5	12/06/15 11:45	
n-Heptane	ug/m3	<0.42	0.83	12/06/15 11:45	
n-Hexane	ug/m3	<0.055	0.72	12/06/15 11:45	
Naphthalene	ug/m3	<2.7	5.3	12/06/15 11:45	
o-Xylene	ug/m3	<0.44	0.88	12/06/15 11:45	
Propylene	ug/m3	<0.023	0.35	12/06/15 11:45	
Styrene	ug/m3	<0.43	0.87	12/06/15 11:45	
Tetrachloroethene	ug/m3	<0.34	0.69	12/06/15 11:45	
Tetrahydrofuran	ug/m3	<0.030	0.60	12/06/15 11:45	
Toluene	ug/m3	<0.38	0.77	12/06/15 11:45	
trans-1,2-Dichloroethene	ug/m3	<0.041	0.81	12/06/15 11:45	
trans-1,3-Dichloropropene	ug/m3	<0.46	0.92	12/06/15 11:45	
Trichloroethene	ug/m3	<0.27	0.55	12/06/15 11:45	
Trichlorofluoromethane	ug/m3	<0.68	1.1	12/06/15 11:45	
Vinyl acetate	ug/m3	<0.045	0.72	12/06/15 11:45	
Vinyl chloride	ug/m3	<0.027	0.26	12/06/15 11:45	

LABORATORY CONTROL SAMPLE: 2150394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	53.6	97	72-140	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	59.2	85	68-137	
1,1,2-Trichloroethane	ug/m3	55.5	54.5	98	66-138	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	67.0	86	70-132	
1,1-Dichloroethane	ug/m3	41.2	39.1	95	68-137	
1,1-Dichloroethene	ug/m3	40.3	35.9	89	73-138	
1,2,4-Trichlorobenzene	ug/m3	75.5	82.7	110	48-150	
1,2,4-Trimethylbenzene	ug/m3	50	41.3	83	75-134	
1,2-Dibromoethane (EDB)	ug/m3	78.1	70.4	90	75-132	
1,2-Dichlorobenzene	ug/m3	61.2	52.5	86	71-129	
1,2-Dichloroethane	ug/m3	41.2	38.2	93	73-139	
1,2-Dichloropropane	ug/m3	47	46.1	98	70-130	
1,3,5-Trimethylbenzene	ug/m3	50	44.2	88	75-133	
1,3-Butadiene	ug/m3	22.5	21.1	94	66-135	
1,3-Dichlorobenzene	ug/m3	61.2	51.5	84	75-131	
1,4-Dichlorobenzene	ug/m3	61.2	53.7	88	69-135	
2-Butanone (MEK)	ug/m3	150	139	93	67-131	
2-Hexanone	ug/m3	208	200	96	72-130	
2-Propanol	ug/m3	125	107	85	66-133	
4-Ethyltoluene	ug/m3	50	45.9	92	75-130	

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### QUALITY CONTROL DATA

Project: Krystal Kleeners

Pace Project No.: 10332083

LABORATORY CONTROL SAMPLE: 2150394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	208	174	84	68-134	
Acetone	ug/m3	121	88.9	74	63-144	
Benzene	ug/m3	32.5	32.5	100	64-139	
Benzyl chloride	ug/m3	52.5	50.7	97	75-129	
Bromodichloromethane	ug/m3	68.2	69.0	101	75-134	
Bromoform	ug/m3	105	99.7	95	72-130	
Bromomethane	ug/m3	39.5	36.8	93	71-132	
Carbon disulfide	ug/m3	31.7	27.1	86	56-139	
Carbon tetrachloride	ug/m3	64	65.6	103	75-150	
Chlorobenzene	ug/m3	46.8	44.0	94	71-132	
Chloroethane	ug/m3	26.8	25.1	93	71-129	
Chloroform	ug/m3	49.7	44.8	90	73-136	
Chloromethane	ug/m3	21	19.3	92	52-143	
cis-1,2-Dichloroethene	ug/m3	40.3	40.9	101	64-137	
cis-1,3-Dichloropropene	ug/m3	46.2	48.1	104	75-128	
Cyclohexane	ug/m3	35	32.3	92	62-143	
Dibromochloromethane	ug/m3	86.6	83.4	96	75-136	
Dichlorodifluoromethane	ug/m3	50.3	48.6	97	70-141	
Dichlorotetrafluoroethane	ug/m3	71.1	68.7	97	71-139	
Ethanol	ug/m3	95.8	78.2	82	60-144	
Ethyl acetate	ug/m3	36.6	32.7	89	64-137	
Ethylbenzene	ug/m3	44.2	39.5	89	71-136	
Hexachloro-1,3-butadiene	ug/m3	108	107	99	51-150	
m&p-Xylene	ug/m3	88.3	76.8	87	71-134	
Methyl-tert-butyl ether	ug/m3	183	160	87	73-134	
Methylene Chloride	ug/m3	177	157	89	64-130	
n-Heptane	ug/m3	41.7	38.3	92	63-135	
n-Hexane	ug/m3	35.8	31.6	88	69-135	
Naphthalene	ug/m3	53.3	55.2	104	43-150	
o-Xylene	ug/m3	44.2	38.5	87	75-134	
Propylene	ug/m3	17.5	15.7	90	58-135	
Styrene	ug/m3	43.3	40.0	92	75-133	
Tetrachloroethene	ug/m3	69	63.9	93	66-137	
Tetrahydrofuran	ug/m3	30	26.9	90	58-135	
Toluene	ug/m3	38.3	37.9	99	70-129	
trans-1,2-Dichloroethene	ug/m3	40.3	39.7	98	61-140	
trans-1,3-Dichloropropene	ug/m3	46.2	48.0	104	75-134	
Trichloroethene	ug/m3	54.6	57.4	105	70-134	
Trichlorofluoromethane	ug/m3	57.1	51.2	90	67-140	
Vinyl acetate	ug/m3	35.8	34.9	97	60-139	
Vinyl chloride	ug/m3	26	24.6	95	72-129	

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**QUALITY CONTROL DATA**

Project: Krystal Kleeners  
 Pace Project No.: 10332083

SAMPLE DUPLICATE: 2150779

Parameter	Units	10332103003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.86		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.54		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.087		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<1.2		25	
1,1-Dichloroethane	ug/m3	ND	<0.64		25	
1,1-Dichloroethene	ug/m3	ND	<0.079		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<5.8		25	
1,2,4-Trimethylbenzene	ug/m3	ND	<0.081		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<1.2		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.95		25	
1,2-Dichloroethane	ug/m3	ND	<0.071		25	
1,2-Dichloropropane	ug/m3	ND	<0.73		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.78		25	
1,3-Butadiene	ug/m3	ND	<0.45		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.95		25	
1,4-Dichlorobenzene	ug/m3	ND	<0.096		25	
2-Butanone (MEK)	ug/m3	ND	<2.3		25	
2-Hexanone	ug/m3	ND	<3.2		25	
2-Propanol	ug/m3	6.3	6.3	0	25	
4-Ethyltoluene	ug/m3	ND	<0.78		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<3.2		25	
Acetone	ug/m3	11.1	11.5	4	25	
Benzene	ug/m3	ND	0.66J		25	
Benzyl chloride	ug/m3	ND	<0.82		25	
Bromodichloromethane	ug/m3	ND	<0.11		25	
Bromoform	ug/m3	ND	<0.17		25	
Bromomethane	ug/m3	ND	<0.97		25	
Carbon disulfide	ug/m3	ND	<0.059		25	
Carbon tetrachloride	ug/m3	ND	<0.11		25	
Chlorobenzene	ug/m3	ND	<0.73		25	
Chloroethane	ug/m3	ND	<0.048		25	
Chloroform	ug/m3	ND	<0.38		25	
Chloromethane	ug/m3	ND	<0.033		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.064		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.71		25	
Cyclohexane	ug/m3	ND	<0.081		25	
Dibromochloromethane	ug/m3	ND	<1.3		25	
Dichlorodifluoromethane	ug/m3	2.5	3.1	23	25	
Dichlorotetrafluoroethane	ug/m3	ND	<1.1		25	
Ethanol	ug/m3	174	175	0	25	
Ethyl acetate	ug/m3	3.0	3.0	2	25	
Ethylbenzene	ug/m3	ND	<0.68		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<8.4		25	
m&p-Xylene	ug/m3	ND	<1.4		25	
Methyl-tert-butyl ether	ug/m3	ND	<2.8		25	
Methylene Chloride	ug/m3	ND	3.6J		25	
n-Heptane	ug/m3	ND	<0.65		25	

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

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: Krystal Kleaners

Pace Project No.: 10332083

SAMPLE DUPLICATE: 2150779

Parameter	Units	10332103003 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	0.88J		25	
Naphthalene	ug/m3	ND	<4.1		25	
o-Xylene	ug/m3	ND	<0.68		25	
Propylene	ug/m3	ND	<0.036		25	
Styrene	ug/m3	1.8	1.7	6	25	
Tetrachloroethene	ug/m3	ND	<0.53		25	
Tetrahydrofuran	ug/m3	ND	<0.046		25	
Toluene	ug/m3	3.4	3.4	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.064		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.71		25	
Trichloroethene	ug/m3	ND	<0.42		25	
Trichlorofluoromethane	ug/m3	6.1	5.6	8	25	
Vinyl acetate	ug/m3	1.1	1.1	0	25	
Vinyl chloride	ug/m3	ND	<0.042		25	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: Krystal Kleeners  
Pace Project No.: 10332083

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.  
ND - Not Detected at or above LOD.  
J - Estimated concentration at or above the LOD and below the LOQ.  
LOD - Limit of Detection adjusted for dilution factor and percent moisture.  
LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.  
S - Surrogate  
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.  
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.  
LCS(D) - Laboratory Control Sample (Duplicate)  
MS(D) - Matrix Spike (Duplicate)  
DUP - Sample Duplicate  
RPD - Relative Percent Difference  
NC - Not Calculable.  
SG - Silica Gel - Clean-Up  
U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.  
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.  
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.  
TNI - The NELAC Institute.

### LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

### ANALYTE QUALIFIERS

A3 The sample was analyzed by serial dilution.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Krystal Kleeners  
Pace Project No.: 10332083

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10332083001	VP-1	TO-15	AIR/24773		
10332083002	VP-2	TO-15	AIR/24773		

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# AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10332083

21634

Page: 1 of 1

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Program	
Company: <u>Endpoint Solutions</u>		Report To: <u>Imperial</u>		Attention: <u>Jim Pfring</u>		<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Address: <u>6871 S. Lovers Lane</u>		Copy To:		Company Name: <u>Endpoint Solutions</u>		Location of Sampling by State: <u>WI</u>	
City: <u>Franklin, WI</u>		Purchase Order No.:		Address: <u>6871 S. Lovers Lane</u>		Reporting Units <input type="checkbox"/> ug/m <sup>3</sup> <input type="checkbox"/> mg/m <sup>3</sup> <input type="checkbox"/> PPBV <input type="checkbox"/> PPMV <input type="checkbox"/> Other	
Email: <u>Jim@endpoint.com</u>		Project Name: <u>Krystal Klemms</u>		Pace Quote Reference:		Report Level: <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> Other	
Phone: <u>735-81210</u> Fax:		Project Number:		Pace Project Manager/Sales Rep.			
Requested Due Date/TAT: <u>std</u>				Pace Profile #:			

ITEM #	Section D Required Client Information <b>AIR SAMPLE ID</b> Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10 3C-Fixed Gas (%) TO-3 TO-3M (Methane) TO-15 (PCBs) TO-13 (PAH) TO-14 TO-15 Short List	Face Lab ID
					COMPOSITE START		COMPOSITE -							
					DATE	TIME	DATE	TIME						
1	VP-1 <u>boiler</u> compressor room				11/3/15	8:00	11/3/15	8:50	30	8	2722			001
2	VP-2				11/3/15	8:25	11/3/15	8:55	28	10	2385		X	002
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

Comments :	RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS				
		<u>Imperial</u>		11/3/15	11:30	<u>PAV EX</u>		11/3/15	11:30	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
					<u>PAV EX</u>		11/4/15	9:50					Y/N
													Y/N
													Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: \_\_\_\_\_ DATE Signed (MM / DD / YY)

ORIGINAL

Page 16 of 17

**Air Sample Condition Upon Receipt**

Client Name: End Point Solutions

Project #:

WO#: **10332083**



Courier:  Fed Ex  UPS  Speedee  Client  
 Commercial  Pace  Other: \_\_\_\_\_

Tracking Number: 6484 8694 0841

Custody Seal on Cooler/Box Present?  Yes  No      Seals Intact?  Yes  No      Optional: Proj. Due Date: \_\_\_\_\_ Proj. Name: \_\_\_\_\_

Packing Material:  Bubble Wrap  Bubble Bags  Foam  None  Tin Can  Other: \_\_\_\_\_      Temp Blank rec:  Yes  No

Temp. (TO17 and TO13 samples only) (°C): X      Corrected Temp (°C): X      Thermom. Used:  B88A912167504  72337080  
 B88A9132521491  80512447  
 Temp should be above freezing to 6°C      Correction Factor: X      Date & Initials of Person Examining Contents: 12/4/15

Type of ice Received  Blue  Wet  None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: <u>Air Can</u> Airbag      Filter      TDT      Passive		11.
Sample Labels Match COC?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>No ID, date, or time on containers</u>

Samples Received:					
Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID
VP-1	2722	0568			
VP-2	2385	0549			

CLIENT NOTIFICATION/RESOLUTION      Field Data Required?  Yes  No  
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/Resolution: \_\_\_\_\_

Project Manager Review: Amp      Date: 12/7/15  
 Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office ( i.e. out of hold, incorrect preservative, out of temp, incorrect containers)