Endpoint Solutions

LETTER OF TRANSMITTAL

Date:	June 1, 2016	**From:**	Bob Cigale
RE:	Krystal Kleaners		
To:	Jim Delwiche		
Company:	Wisconsin Department of Natural Resources		
Address:	141 NW Barstow Road		
	Waukesha, WI 53188		
BRRTS #:	02-68-576741		

RECEIVED
JUN 07 2016
BY:

We are sending you:

Qty	Document	Dated
1	Summary Report of Site Investigation Activities	May 26, 2016
1	Check #5400 ($1,050)	June 1, 2016

X	**For Review**		**For Approval**		**For Action**		**For Clarification**

Remarks:

Enclosed is a *Summary Report of Site Investigation Activities* for the Krystal Kleaners site located at 145 East Sunset Drive in the City of Waukesha, Waukesha County Wisconsin (BRRTS #: 02-68-576741). Also enclosed is a check in the amount of $1,050 for the Site Investigation Report review fee.

The property owner is attempting to refinance the property with US Bank. However, US Bank will not approve the new loan until a closure letter is received from the WDNR. It is our understanding that the property owners current loan matures in August 2016, so we are trying to progress the investigation and remediation to obtain closure as quickly as possible.

Please review the enclosed *Summary Report of Site Investigation Activities* and provide an indication whether our recommendations for the installation of sub-slab depressurization and venting systems will be adequate to obtain closure, so we can commence with the design and installation of the systems. As always, if you have any questions, please feel free to contact me directly at 414-858-1202.

Sincerely,

Robert A. Cigale, P.G.
Principal

6871 South Lovers Lane, Franklin, WI 53132
Phone: 414-427-1200 Fax: 414-427-1259
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Endpoint Solutions
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Mr. Don Scherf
Scherf Properties Trust II
1700 Howlett Lane
Waukesha, WI 53186

May 26, 2016

Subject: **Summary Report of Site Investigation Activities**
Krystal Kleaners
145 East Sunset Drive, Waukesha, Wisconsin
WDNR BRRTS #: 02-68-576741

Dear Mr. Scherf:

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) (See **Figure B.1.a – Location Map**). The results of the Phase I ESA indicated a dry cleaning operation (Krystal Kleaners) has operated at the Site at the tenant address of 145 East Sunset Drive since the Site was developed in 1988. Although the conditions observed at the dry cleaning operation did not indicate releases of dry cleaning chemicals to the environment were 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). The only way to confirm or deny the release of dry cleaning chemicals to the subsurface at the Site was through the collection and analysis of samples.

Therefore, in December 2015, Endpoint performed Phase II Environmental Assessment activities (EA) to evaluate whether the REC identified during the Phase I ESA had caused environmental contamination at the Site. Two (2) soil borings were advanced for the collection of soil and groundwater samples for laboratory analysis and two (2) sample points were installed for the collection of sub-slab vapor samples from within the Krystal Kleaners tenant space for laboratory analysis. The results of the Phase II EA activities indicated the presence of low-concentrations of dry cleaning solvents in the soil and groundwater near the south door of the Krystal Kleaners tenant space and significantly elevated concentrations of dry cleaning solvents in the sub-slab vapors beneath the Krystal Kleaners tenant space. Both of these conditions indicated the release of dry cleaning solvents to the environment and therefore required reporting of the release to the Wisconsin Department of Natural Resources (WDNR). Subsequently, the release was reported to the WDNR. In response, the WDNR issued a responsible party (RP) letter which outlined the requirements to investigate and mitigate any potential exposure scenarios related to the release to the environment. As such, a Site Investigation work plan was performed.

FEBRUARY 2016 INVESTIGATION ACTIVITIES

Three (3) soil borings were advanced to 12 feet below the ground surface (ft bgs) to the south of the Krystal Kleaners tenant space. The soil borings were identified as MW-1, MW-2 and MW-3. All three (3) of the soil borings were converted to permanent groundwater monitoring wells. The locations of the soil borings/monitoring wells are shown on **Figure B.1.b – Detailed Site Map.**

Two (2) discrete soil samples were selected from each soil boring location for laboratory analysis. In general, the samples recovered from three (3) to four (4) ft bgs and six (6) to eight (8) ft bgs were submitted, except at

the MW-3 location, the two (2) to three (3) ft bgs sample was submitted instead of the three (3) to four (4) ft bgs sample.

The soil profile at the Site generally consists of dry silty clay and stone fill beneath the asphalt paved surface. Natural soils consist of fine to coarse sand. Copies of the soil boring logs are attached in **Appendix A.**

No VOC constituents were detected in the samples submitted from the MW-2 and MW-3 soil boring locations. At the MW-1 soil boring location, an estimated concentration (0.162 milligrams per kilogram [mg/kg]) of tetrachloroethene (PCE) was detected in the six (6) to eight (8) ft bgs sample. The concentration was estimated because the result was above the limit of detection (LOD), but below the limit of quantitation (LOQ) of the laboratory instrument. The estimated concentration of PCE in this sample exceeds the soil-to-groundwater residual contaminant level (RCL) but is below the non-industrial direct contact RCL. Results of the soil sampling are summarized on **Table A.2 – Soil Analytical Results.** Copies of the analytical results are attached in **Appendix B.**

The top of casing at each monitoring well was surveyed to a local benchmark. Depth to groundwater measurements were then converted to groundwater elevations to prepare a groundwater flow map. The groundwater elevations collected indicated a westerly groundwater flow with a horizontal gradient of approximately 0.015 ft/ft. Groundwater depth measurements are summarized on **Table A.6 – Water Elevations.**

Following proper development of the monitoring wells, a grab groundwater sample was collected from each well for laboratory volatile organic compounds (VOC) analyses. The groundwater sample collected from monitoring well MW-2 did not contain any detectable VOC constituents. Monitoring well MW-2 would be considered to be located in an upgradient direction based on a westerly groundwater flow direction.

The groundwater sample collected from monitoring well MW-3 contained detectable concentrations of PCE and toluene. The concentration of toluene (0.54 micrograms per liter [µg/L]) was reported as an estimate as the concentration was above the LOD, but less than the LOQ. The concentration for PCE (2.88 µg/L) exceeded the preventive action limit (PAL) (0.5 µg/L) established for PCE in the Wisconsin Administrative Code (WAC) Chapter NR 140, but was less than the enforcement standard (ES) (5 µg/L).

The groundwater sample collected from monitoring well MW-1 contained detectable concentrations of PCE (25.4 µg/L) and trichloroethene (TCE) (1.07 µg/L). The concentration of TCE was reported as an estimate between the LOD and the LOQ. The estimated concentration of TCE exceeded the PAL (0.5 µg/L), but was less than the ES (5 µg/L) for TCE. The concentration of PCE exceeded the ES (5 µg/L) for PCE. The groundwater analytical results are summarized on **Table A.1 – Groundwater Analytical Results.** Copies of the analytical results are attached in **Appendix B.**

Two (2) sub-slab vapor monitoring points were installed; one (1) in the EmBroid Me tenant space to the east of Krystal Kleaners and one (1) in the Sunset Tan tenant space to the west of Krystal Kleaners. Sub-slab vapor samples were collected from each sampling point using evacuated Summa canisters equipped with 30 minute regulators. The sub-slab sample collected from the EmBroid Me space contained detections of numerous VOC constituents; however, none of the detections approached sub-slab regional screening levels established by the United States Environmental Protection Agency (USEPA).

The sub-slab sample collected from the sampling point in Sunset Tan also contained detections of numerous VOC constituents. The concentrations of PCE and TCE detected in the sub-slab sample collected from the Sunset Tan tenant space exceeded sub-slab regional screening levels established by the USEPA. The concentrations detected in the sub-slab sample collected from the Sunset Tan tenant space were similar to

the concentrations detected in the sub-slab sample collected from the Krystal Kleaners tenant space, away from the drycleaning equipment. The sub-slab vapor analytical results are summarized on **Table A.4 – Vapor Analytical Results.** Copies of the analytical results are attached in **Appendix B.**

MAY 2016 INVESTIGATION ACTIVITIES

Based on the results of the February 2016 Investigation Activities, additional investigation was recommended. The scope of the additional investigation activities included:

1. Installing two (2) additional monitoring wells (MW-4 and MW-5) to the west of monitoring wells MW-1 and MW-3. Two (2) unsaturated soil samples were submitted from each boring location for VOC analysis.

2. Installation of a piezometer (PZ-1) to a depth of 30 ft bgs adjacent to the MW-1 location.

3. Following proper development and surveying of the newly installed monitoring wells and piezometer, collect water level measurements and samples for VOC analysis from all six (6) of the wells.

4. Install a sub-slab sampling point and collect a sub-slab vapor sample from the Joey's This n That tenant space to the west of Sunset Tan.

The locations of the additional sample points are depicted on the attached **Figure B.1.a.**

Two (2) additional soil borings (B-4 and B-5) were advanced to eight (8) ft bgs to the west of the B2/MW-1 location. Both of the soil borings were converted to permanent groundwater monitoring wells (MW-4 and MW-5). In addition, a piezometer (PZ-1) was installed adjacent to the MW-1 location. The piezometer was installed to a depth of 30 ft bgs with a five (5) foot section of screen set from 25 to 30 ft bgs. The locations of the soil borings/monitoring wells are shown on **Figure B.1.b – Detailed Site Map.** Copies of the soil boring logs are attached in **Appendix A.**

Two (2) discrete soil samples were selected from each soil boring location for laboratory analysis. The samples recovered from two (2) to four (4) ft bgs and six (6) to eight (8) ft bgs were submitted for VOC analysis. No VOC constituents were detected in the any of the soil samples submitted from the MW-4 and MW-5 soil boring locations. PZ-1 was installed adjacent to the previously sampling B-2/MW-1 boring location. Therefore, no soil samples were submitted for analysis from PZ-1. Results of the soil sampling are summarized on **Table A.2 – Soil Analytical Results.** Copies of the analytical results are attached in **Appendix B.** The approximate extent of soils containing contaminant concentrations which exceed the soil-to-groundwater pathway residual contaminant level (RCL) is depicted on **Figure B.2.a – Soil Contamination.**

The top of casing at the new monitoring wells was surveyed to the existing wells. Depth to groundwater measurements were then converted to groundwater elevations to prepare a groundwater flow map. The groundwater elevations collected continue to indicate a westerly groundwater flow with a horizontal gradient of approximately 0.015 ft/ft. Groundwater depth measurements are summarized on **Table A.6 – Water Elevations.** The groundwater table is depicted on **Figure B.3.c – Groundwater Flow Direction (5/5/16).**

A comparison of the groundwater elevations measured in monitoring MW-1 and piezometer PZ-1 provide an indication of the vertical groundwater gradient. The groundwater elevation measured in monitoring MW-1 on May 5, 2016 was 94.72 ft (local datum), while the groundwater elevation measured in piezometer PZ-1

was 93.43 ft (local datum). Based on these measurements, the vertical groundwater gradient was 0.0586 ft/ft downward.

Following proper development of the newly installed monitoring wells and piezometer, and purging of the existing monitoring wells, grab groundwater samples were collected from each well for laboratory VOC analyses. All of the monitoring wells contained detected concentrations of PCE. MW-1 and MW-4 also contained detectable concentrations of TCE. Groundwater samples collected from monitoring wells MW-1 and MW-4 contained concentrations of PCE which exceed its ES of 5 µg/L. The groundwater samples collected from monitoring wells MW-2, MW-3 and MW-5 contained PCE concentrations is excees of its PAL (0.5 µg/L), but less than its ES. The groundwater samples collected from monitoring wells MW-1 and MW-4 also contained concentration s of TCE which exceed its PAL (0.5 µg/L). No VOCs were detected which exceeded PALs in the groundwater sample collected from piezometer PZ-1.The groundwater analytical results are summarized on **Table A.1 – Groundwater Analytical Results.** Copies of the analytical results are attached in **Appendix B.** The approximate extent of groundwater with ES and PAL exceedances is depicted on **Figure B.3.b – Groundwater Isoconcentration (5/5/16).**

An additional sub-slab vapor monitoring point was also installed in the tenant space to the west of Sunset Tan, occupied by Joey's This n That. A sub-slab vapor sample was collected from the newly installed sampling point using an evacuated Summa canister equipped with a 30 minute regulator. The sub-slab sample collected contained detections of numerous VOC constituents; however, none of the detections approached sub-slab regional screening levels established by the United States Environmental Protection Agency (USEPA). The sub-slab vapor analytical results are summarized on **Table A.4 – Vapor Analytical Results.** Copies of the analytical results are attached in **Appendix B.** The approximate extent of sub-slab vapors in excess of sub-slab regional screening levels is depicted on **Figure B.4.a – Vapor Intrusion Map.**

CONCLUSIONS

Based on the investigation activities completed to-date, it is our opinion the horizontal and vertical extent of soil, groundwater and soil vapor contamination has been adequately delineated.

1. The extent of soil contamination has been delineated to be limited to the unsaturated soils surrounding the MW-1 and B-2 locations. The approximate extent of soil contamination encompasses approximately 300 square feet (sf). The area of soil contamination does not include any direct-contact exceendances. Therefore, the direct-contact pathway is not complete and will not need to be addressed. The soil exceedances are limited to the soil-to-groundwater pathway. The extent of contaminated soil is also currently capped by the existing building or the the existing asphalt parking lot.
2. The extent of groundwater contamination has been delineated approximately 50 feet in a downgradient direction from the Krystal Kleaners location, encompassing an area of approximately 2,600 sf. While the groundwater elevation data indicates a downward vertical gradient, the groundwater sample collected from piezometer PZ-1 did not contain any detections of PCE, TCE or their breakdown products. The downgradient extent of the groundwater plume does not extend off the Site. Based on the groundwater results from monitoring well MW-3, there is a possibility of a PAL exceedance for PCE on the adjoining property to the south.
3. With the exception of Waukesha Municipal well #5, no public or private potable wells were determined to be within 1,200 feet of the Site. Municipal Well #5 is located on the southwest corner of East Sunset Drive and South East Street, approximately 900 feet west of the Site as depicted on **Figure B.1.a – Location Map.** The horizontal extent of the groundwater plume is not shown to

extend off Site to the west in the direction of Municipal Well #5. In addition, the groundwater sample collected from PZ-1 did not indicate downward migration of the contaminants.

4. Sub-slab soil vapors which exceed regional screening levels are limited to the Krystal Kleaners tenant space as well as the west adjoining Sunset Tan tenant space. Indoor air samples have not been collected in the Krystal Kleaners or Sunset Tans tenant space. However, the concentrations discovered in the sub-slab vapors are indicative of concentrations which, in theory, could produce exceedances of indoor air action levels.

RECOMMENDATIONS

It is our opinion the investigation of the Site has adequately delineated the horizontal and vertical extent of the contaminants discovered. At this time, a remedial action plan (RAP) should be prepared and implemented. Following implementation of the remedial actions, case closure should be requested.

CONCEPTUAL RAP

SOIL CONTAMINATION

No remediation is necessary to address the contaminants detected in the soil. No direct-contact exceedances were noted, only soil-to-groundwater pathway exceedances. The extent of soil contamination is either covered by the existing building or the existing asphalt pavement. Therefore, no additional measures are necessary. Ongoing maintenance of the parking lot and building will most likely be required to maintain a barrier.

GROUNDWATER

The extent of the contaminated groundwater appears to be limited to the Site and a possible PAL exceedance for PCE on the adjoining property to the south. As the source of the contamination is not ongoing, it is assumed the plume is no longer expanding. Therefore, active remediation of the groundwater is not necessary. Additional monitoring may be required to ensure a stable or decreasing plume.

VAPOR INTRUSION

Sub-slab vapors with concentrations in exceedance of sub-slab screening levels were detected beneath the Krystal Kleaners and Sunset Tan tenant spaces. Sub-slab depressurization and venting systems will be required to be installed in both of these tenant spaces to alleviate the risk of sub-slab vapors entering the tenant spaces.

CLOSURE CONSIDERATIONS

The WDNR will require several conditions in order to approve of closure for this case, including:

1. Inclusion of the Site on the WDNR geographic information system (GIS) registry of closed remediation sites with residual soil and groundwater contamination;
2. Requiring the building and pavement be inspected and maintained per a Barrier Maintenance Plan submitted as part of the GIS Registry package;
3. Limitations on the installation of a potable well at the Site without prior approval from the WDNR;
4. Requiring sampling, analysis and proper disposal of any soils excavated from the area of delineated contamination;

5. Notifying the adjoining property owner to the south regarding the migration of groundwater containing a concentration of PCE exceeding the PAL;
6. Installation and operation of sub-slab depressurization and venting systems in the Krystal Kleeners and Sunset Tan tenant spaces; and,
7. Regular inspection and monitoring of the sub-slab depressurization and venting systems to ensure continued operation.

CLOSING

We recommend this Site Investigation report be submitted to the WDNR with the required $700 review fee to obtain their opinion regarding the findings and conclusions prior to proceeding with further tasks. Upon response from the WDNR, we assume the next tasks to consist of designing and installing the sub-slab depressurization and venting systems and preparing the closure request. If you have any questions or concerns, please feel free to call me at 414-427-1200.

Sincerely,

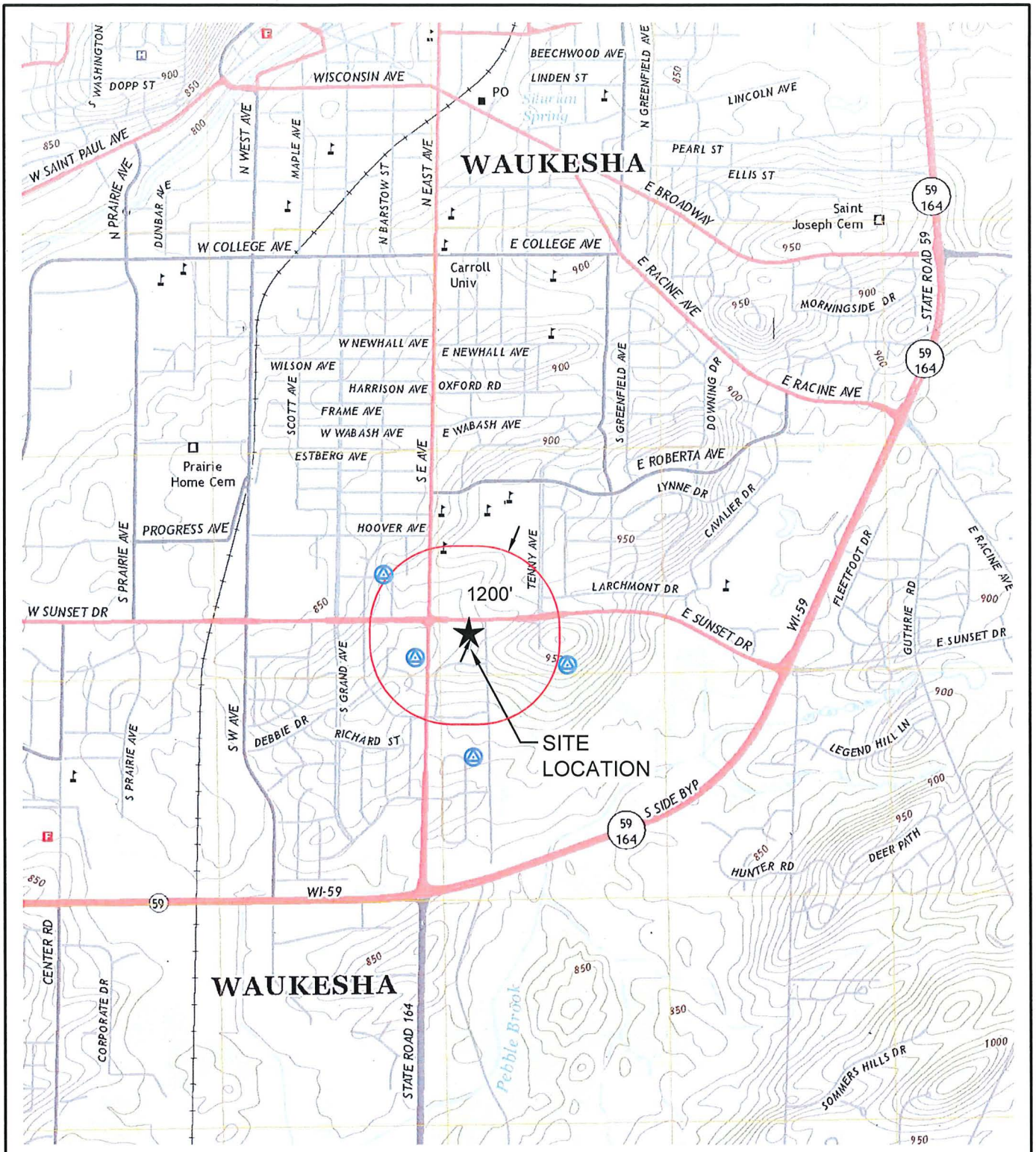
Endpoint Solutions

Robert A. Cigale, P.G.
Principal Geologist

ATTACHMENTS
Figures
Tables
Appendix A
Appendix B

cc: Melissa Balistreri – US Bank
Jim Delwiche - WDNR

FIGURES



WELL LOCATION

N

0 2000' 4000'

SOURCE: USGS

LOCATION MAP

131 E. SUNSET DRIVE
WAUKESHA, WISCONSIN 53186

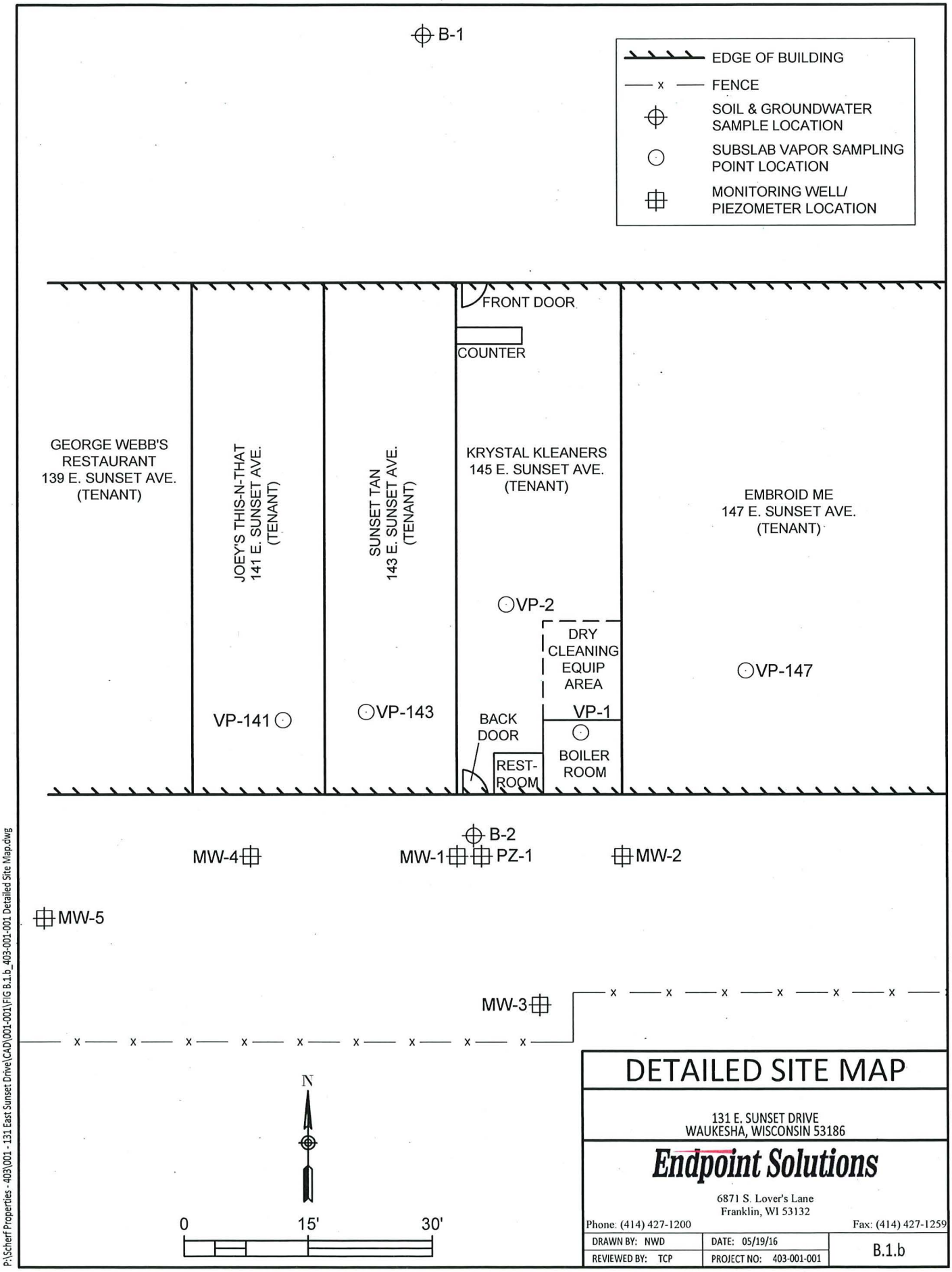
Endpoint Solutions

6871 S. Lover's Lane
Franklin, WI 53132

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

DRAWN BY: NWD	DATE: 05/19/16	B.1.a
REVIEWED BY: RAC	PROJECT NO: 403-001-001	

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-001\FIG B.1.a_403-001-001 Location Map.dwg



P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-001\FIG B.1.b_403-001-001 Detailed Site Map.dwg

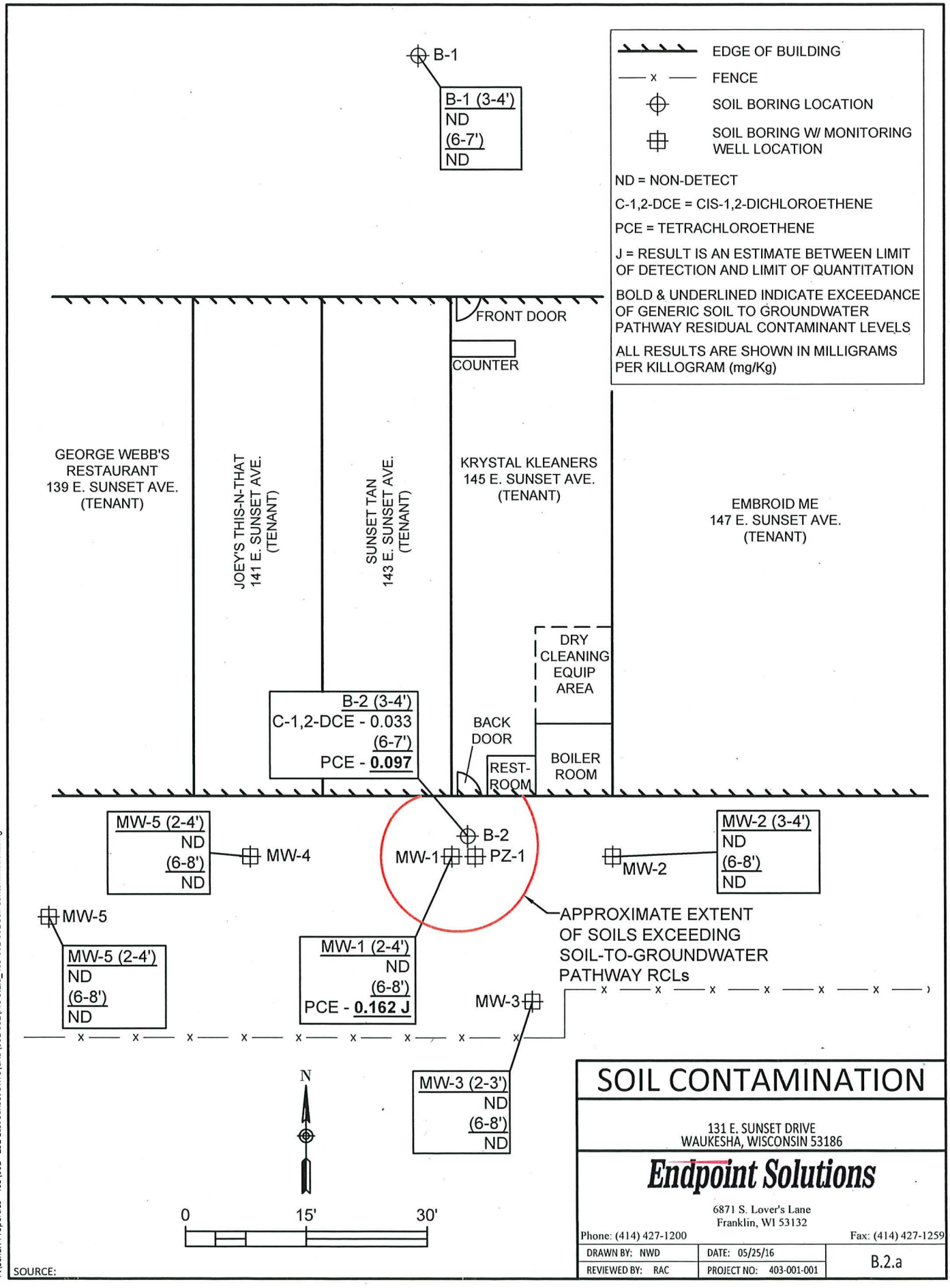
DETAILED SITE MAP

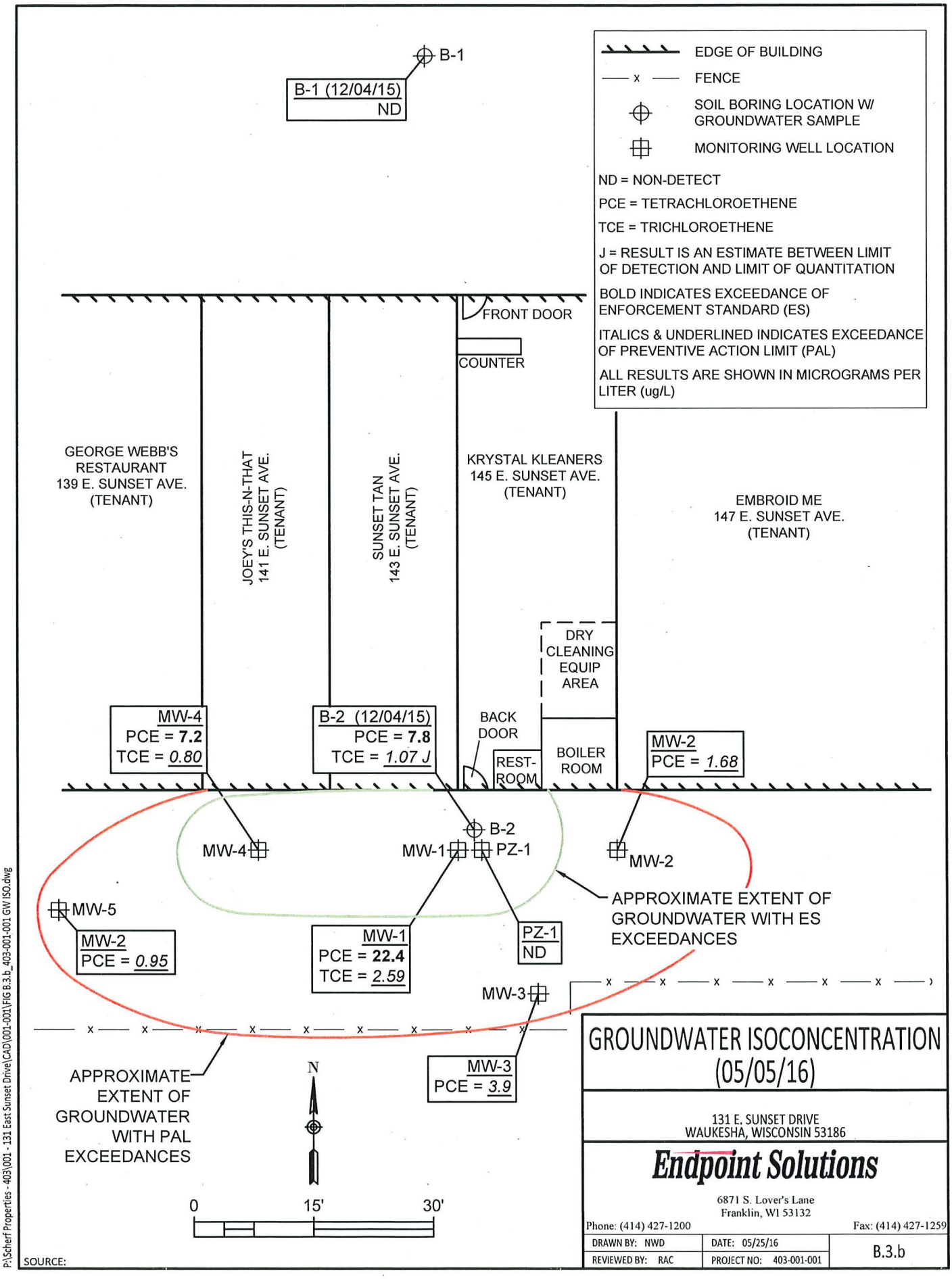
131 E. SUNSET DRIVE
WAUKESHA, WISCONSIN 53186

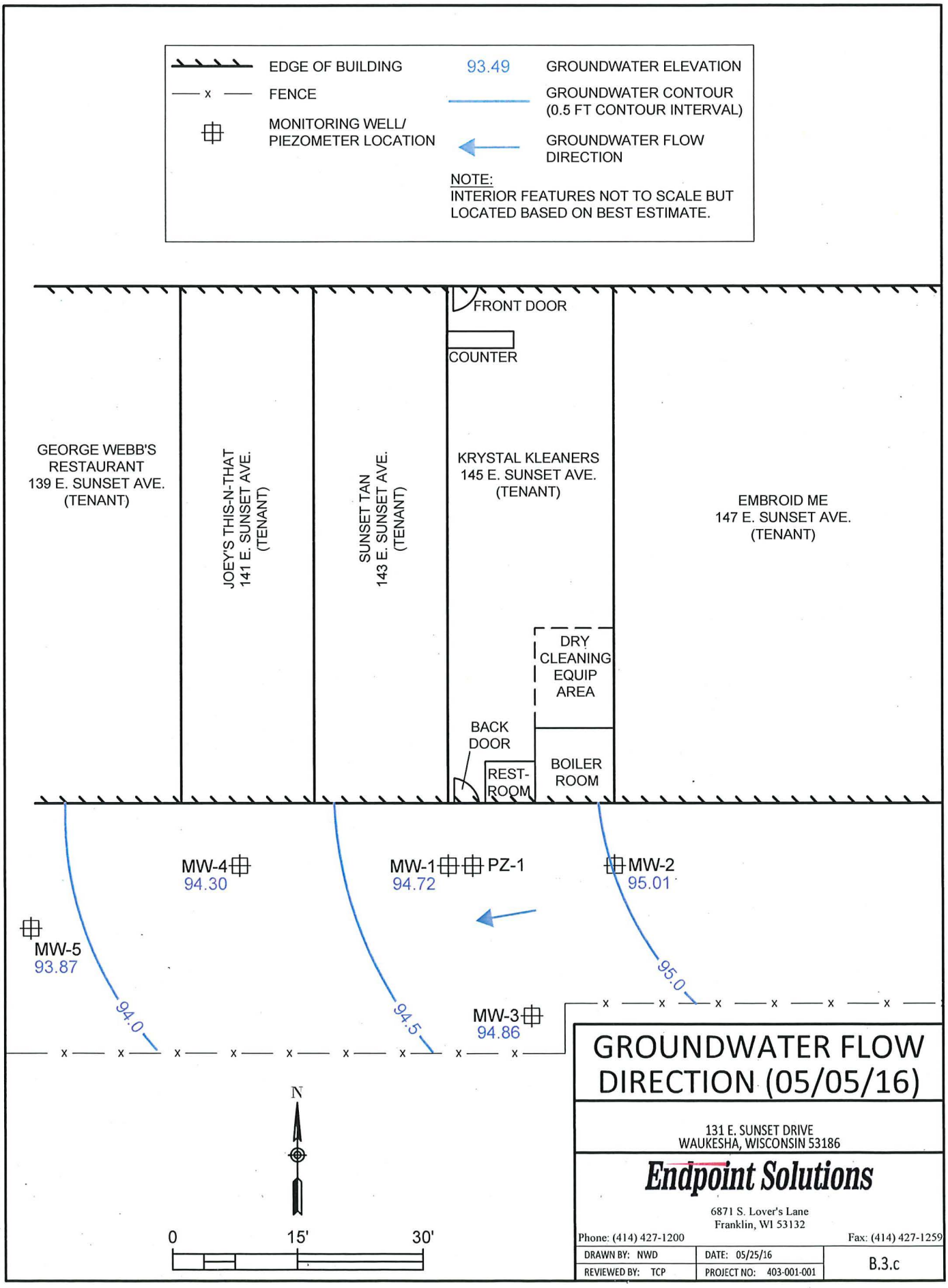
Endpoint Solutions

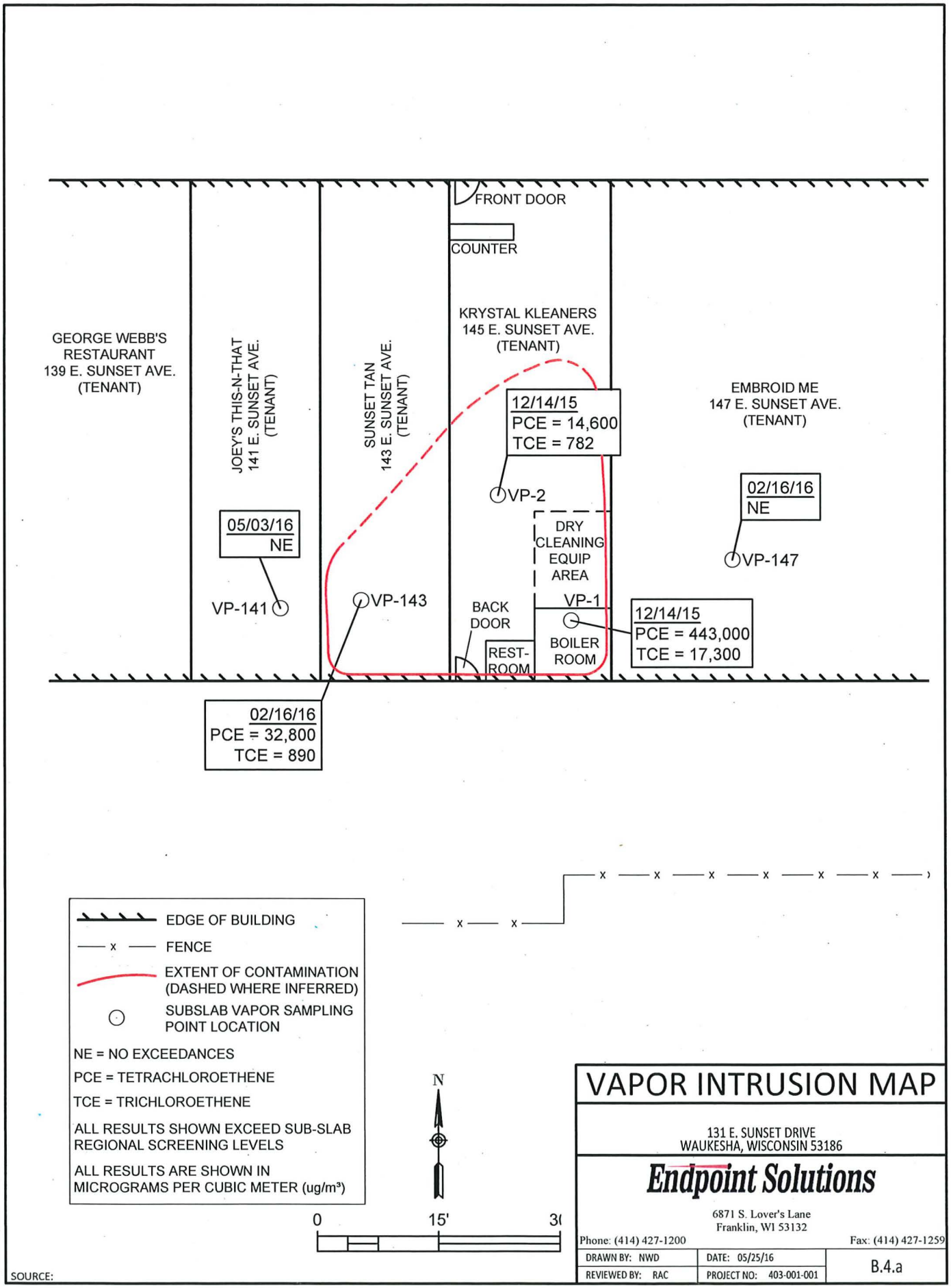
6871 S. Lover's Lane
Franklin, WI 53132
Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: NWD	DATE: 05/19/16	B.1.b
REVIEWED BY: TCP	PROJECT NO: 403-001-001	


EDGE OF BUILDING
FENCE
SOIL BORING LOCATION
SOIL BORING W/ MONITORING WELL LOCATION
ND = NON-DETECT
C-1,2-DCE = CIS-1,2-DICHLOROETHENE
PCE = TETRACHLOROETHENE
J = RESULT IS AN ESTIMATE BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION
BOLD & UNDERLINED INDICATE EXCEEDANCE OF GENERIC SOIL TO GROUNDWATER PATHWAY RESIDUAL CONTAMINANT LEVELS
ALL RESULTS ARE SHOWN IN MILLIGRAMS PER KILLOGRAM (mg/Kg)
B-1
B-1 (3-4')
ND
(6-7')
ND
FRONT DOOR
COUNTER
GEORGE WEBB'S RESTAURANT 139 E. SUNSET AVE. (TENANT)
JOEY'S THIS-N-THAT 141 E. SUNSET AVE. (TENANT)
SUNSET TAN 143 E. SUNSET AVE. (TENANT)
KRYSTAL KLEANERS 145 E. SUNSET AVE. (TENANT)
EMBROID ME 147 E. SUNSET AVE. (TENANT)
DRY CLEANING EQUIP AREA
BACK DOOR
REST-ROOM
BOILER ROOM
B-2 (3-4')
C-1,2-DCE - 0.033
(6-7')
PCE - 0.097
MW-5 (2-4')
ND
(6-8')
ND
MW-4
B-2
MW-1
PZ-1
MW-2
MW-2 (3-4')
ND
(6-8')
ND
MW-5
MW-5 (2-4')
ND
(6-8')
ND
MW-1 (2-4')
ND
(6-8')
PCE - 0.162 J
APPROXIMATE EXTENT OF SOILS EXCEEDING SOIL-TO-GROUNDWATER PATHWAY RCLs
MW-3
MW-3 (2-3')
ND
(6-8')
ND
N
0
15'
30'
SOIL CONTAMINATION
131 E. SUNSET DRIVE
WAUKESHA, WISCONSIN 53186
Endpoint Solutions
6871 S. Lover's Lane
Franklin, WI 53132
Phone: (414) 427-1200
Fax: (414) 427-1259
DRAWN BY: NWD
DATE: 05/25/16
REVIEWED BY: RAC
PROJECT NO: 403-001-001
B.2.a
SOURCE:
P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-001\FIG B.2.a_403-001-001 Soil Contamination.dwg


B-1
B-1 (12/04/15)
ND
EDGE OF BUILDING
FENCE
SOIL BORING LOCATION W/ GROUNDWATER SAMPLE
MONITORING WELL LOCATION
ND = NON-DETECT
PCE = TETRACHLOROETHENE
TCE = TRICHLOROETHENE
J = RESULT IS AN ESTIMATE BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION
BOLD INDICATES EXCEEDANCE OF ENFORCEMENT STANDARD (ES)
ITALICS & UNDERLINED INDICATES EXCEEDANCE OF PREVENTIVE ACTION LIMIT (PAL)
ALL RESULTS ARE SHOWN IN MICROGRAMS PER LITER (ug/L)
FRONT DOOR
COUNTER
GEORGE WEBB'S RESTAURANT 139 E. SUNSET AVE. (TENANT)
JOEY'S THIS-N-THAT 141 E. SUNSET AVE. (TENANT)
SUNSET TAN 143 E. SUNSET AVE. (TENANT)
KRYSTAL KLEANERS 145 E. SUNSET AVE. (TENANT)
EMBROID ME 147 E. SUNSET AVE. (TENANT)
DRY CLEANING EQUIP AREA
BACK DOOR
REST-ROOM
BOILER ROOM
MW-4
PCE = 7.2
TCE = 0.80
B-2 (12/04/15)
PCE = 7.8
TCE = 1.07 J
MW-2
PCE = 1.68
MW-4
B-2
MW-1
PZ-1
MW-2
MW-5
MW-2
PCE = 0.95
MW-1
PCE = 22.4
TCE = 2.59
PZ-1
ND
APPROXIMATE EXTENT OF GROUNDWATER WITH ES EXCEEDANCES
MW-3
APPROXIMATE EXTENT OF GROUNDWATER WITH PAL EXCEEDANCES
MW-3
PCE = 3.9
N
0
15'
30'
SOURCE:
GROUNDWATER ISOCONCENTRATION (05/05/16)
131 E. SUNSET DRIVE
WAUKESHA, WISCONSIN 53186
Endpoint Solutions
6871 S. Lover's Lane
Franklin, WI 53132
Phone: (414) 427-1200
Fax: (414) 427-1259
DRAWN BY: NWD
DATE: 05/25/16
REVIEWED BY: RAC
PROJECT NO: 403-001-001
B.3.b
P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-001\FIG B.3.b_403-001-001 GW ISO.dwg


EDGE OF BUILDING
FENCE
MONITORING WELL/ PIEZOMETER LOCATION
93.49
GROUNDWATER ELEVATION
GROUNDWATER CONTOUR (0.5 FT CONTOUR INTERVAL)
GROUNDWATER FLOW DIRECTION
NOTE:
INTERIOR FEATURES NOT TO SCALE BUT LOCATED BASED ON BEST ESTIMATE.
FRONT DOOR
COUNTER
GEORGE WEBB'S RESTAURANT 139 E. SUNSET AVE. (TENANT)
JOEY'S THIS-N-THAT 141 E. SUNSET AVE. (TENANT)
SUNSET TAN 143 E. SUNSET AVE. (TENANT)
KRYSTAL KLEANERS 145 E. SUNSET AVE. (TENANT)
EMBROID ME 147 E. SUNSET AVE. (TENANT)
DRY CLEANING EQUIP AREA
BACK DOOR
REST-ROOM
BOILER ROOM
MW-4 94.30
MW-1 94.72
PZ-1
MW-2 95.01
MW-5 93.87
MW-3 94.86
94.0
94.5
95.0
N
0
15'
30'
GROUNDWATER FLOW DIRECTION (05/05/16)
131 E. SUNSET DRIVE
WAUKESHA, WISCONSIN 53186
Endpoint Solutions
6871 S. Lover's Lane
Franklin, WI 53132
Phone: (414) 427-1200
Fax: (414) 427-1259
DRAWN BY: NWD
DATE: 05/25/16
REVIEWED BY: TCP
PROJECT NO: 403-001-001
B.3.c
P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-001\FIG B.3.c_403-001-001 GW Flow Direction.dwg



SOURCE:

VAPOR INTRUSION MAP

131 E. SUNSET DRIVE
WAUKESHA, WISCONSIN 53186

Endpoint Solutions

6871 S. Lover's Lane
Franklin, WI 53132

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

DRAWN BY: NWD	DATE: 05/25/16	B.4.a
REVIEWED BY: RAC	PROJECT NO: 403-001-001	

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-001\FIG B.4.a_403-001-001 Vapor Intrusion.dwg

TABLES

TABLE A.1
Groundwater Analytical Results

131 E. Sunset Drive
Waukesha, Wisconsin

PARAMETER	NR 140 Table 1 ES	NR 140 Table 1 PAL	Sample ID / Collection Date: B-1 12/4/2015	B-2 12/4/2015	MW-1 2/16/2016	MW-1 5/5/2016	MW-2 2/16/2016	MW-2 5/5/2016	MW-3 2/16/2016	MW-3 5/5/2016	MW-4 5/5/2016	MW-5 5/5/2016	PZ-1 5/5/2016
VOC (µg/L)													
Benzene	5	0.5	<2.2	<0.44	<0.454	<0.44	<0.454	<0.44	<0.454	<0.44	<0.44	<0.44	<0.44
Bromobenzene	-----	-----	<2.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Bromodichloromethane	0.6	0.06	<2.3	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Bromoform	4.4	0.44	<2.3	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
tert-Butylbenzene	-----	-----	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
sec-Butylbenzene	-----	-----	<6	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
n-Butylbenzene	-----	-----	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	5	0.5	<2.55	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chlorobenzene	100	20	<2.3	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Chloroethane	400	80	<3.25	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65
Chloroform	6	0.6	<2.15	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Chloromethane	30	3	<9.5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
2-Chlorotoluene	-----	-----	<2	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
4-Chlorotoluene	-----	-----	<3.15	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
1,2-Dibromo-3-chloropropane	0.2	0.02	<7	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Dibromodichloromethane	-----	-----	<2.25	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
1,4-Dichlorobenzene	75	15	<2.45	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
1,3-Dichlorobenzene	600	120	<2.6	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
1,2-Dichlorobenzene	600	60	<2.3	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Dichlorodifluoromethane	1000	200	<4.35	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
1,2-Dichloroethane	5	0.5	<2.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
1,1-Dichloroethane	850	85	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
1,1-Dichloroethene	7	0.7	<3.25	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65
cis-1,2-Dichloroethene	70	7	<2.25	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
trans-1,2-Dichloroethene	100	20	<2.7	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
1,2-Dichloropropane	5	0.5	<2.15	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
2,2-Dichloropropane	-----	-----	<15.5	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
1,3-Dichloropropane	-----	-----	<2.1	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Di-isopropyl ether	-----	-----	<2.2	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
1,2-Dibromoethane (EDB)	0.05	0.005	<3.15	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
Ethylbenzene	700	140	<3.55	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
Hexachlorobutadiene	-----	-----	<11	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
Isopropylbenzene	-----	-----	<4.1	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
p-Isopropyltoluene	-----	-----	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Methylene Chloride	5	0.5	<6.5	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Methyl-tert-butyl-ether (MTBE)	60	12	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Naphthalene	100	10	<8	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
n-Propylbenzene	-----	-----	<3.85	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77
1,1,2,2-Tetrachloroethane	0.2	0.02	<2.6	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
1,1,1,2-Tetrachloroethane	70	7	<2.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Tetrachloroethene (PCE)	5	0.5	<2.45	7.8	25.4	22.4	<0.49	1.68	2.88	3.9	7.2	0.95 J	<0.49
Toluene	800	160	<2.2	0.54 J	0.71 J	<0.44	<0.44	<0.44	0.54 J	<0.44	<0.44	0.44 J	0.48 J
1,2,4-Trichlorobenzene	70	14	<8.5	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
1,2,3-Trichlorobenzene	-----	-----	<13.5	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
1,1,1-Trichloroethane	200	40	<4.2	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
1,1,2-Trichloroethane	5	0.5	<2.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Trichloroethene (TCE)	5	0.5	<2.35	1.07 J	3.7	2.59	<0.47	2.59	<0.47	<0.47	0.80 J	<0.47	<0.47
Trichlorofluoromethane	3490	698	<4.35	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
1,2,4-Trimethylbenzene	480	96	<8	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
1,3,5-Trimethylbenzene			<7.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Vinyl Chloride	0.2	0.02	<0.85	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
m&p-Xylene	2,000	400	<11	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
o-Xylene			<4.5	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

1) VOC - Volatile organic compounds
2) ----- No Standard Established
3) µg/L - micrograms per liter
4) J - Estimated concentration at or above the limit of detection (LOD) and below the limit of quantitation (LOQ)
5) NR 140 Table 1 - WAC Public Health Groundwater Quality Standards
6) ES - Enforcement Standard
7) PAL - Preventive Action Limit

TABLE A.2
Soil Analytical Results

131 E. Sunset Dr.
Waukesha, Wisconsin

Parameter	Non-Industrial Direct Contact RCL	Soil to Groundwater Pathway RCL	Boring ID, Sample Depth, Date of Advancement and Unsaturated vs. Saturated													
			B-1		B-2		MW-1		MW-2		MW-3		MW-4		MW-5	
			3 - 4' 12/4/15 Unsat	6 - 7' 12/4/15 Sat	3 - 4' 12/4/15 Unsat	6 - 7' 12/4/15 Sat	2 - 4' 2/11/16 Unsat	6 - 8' 2/11/16 Sat	3 - 4' 2/11/16 Unsat	6 - 8' 2/11/16 Sat	2 - 3' 2/11/16 Unsat	6 - 8' 2/11/16 Sat	2 - 4' 5/2/16 Unsat	6 - 8' 5/2/16 Sat	2 - 4' 5/2/16 Unsat	6 - 8' 5/2/16 Sat
VOCs (mg/kg)																
Benzene	1.49	**0.0051**	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Bromobenzene	354	----	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
Bromodichloromethane	0.39	**0.0003**	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Bromoform	23.6	**0.0023**	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023
tert-Butylbenzene	183	----	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
sec-Butylbenzene	145	----	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036
n-Butylbenzene	108	----	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086	<0.086
Carbon Tetrachloride	0.854	**0.0039**	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021
Chlorobenzene	392	----	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
Chloroethane	----	**0.2266**	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Chloroform	0.423	**0.0033**	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026
Chloromethane	171	**0.0155**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Chlorotoluene	907	----	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029
4-Chlorotoluene	253	----	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
1,2-Dibromo-3-chloropropane	0.008	**0.0002**	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078
Dibromodichloromethane	7.6	**0.032**	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031
1,4-Dichlorobenzene	3.48	**0.144**	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
1,3-Dichlorobenzene	297	**1.1528**	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
1,2-Dichlorobenzene	376	**1.168**	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
Dichlorodifluoromethane	135	**3.0863**	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043
1,2-Dichloroethane	0.608	**0.0028**	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
1,1-Dichloroethane	4.72	**0.4828**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	342	**0.005**	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029
cis-1,2-Dichloroethene	156	**0.0412**	<0.021	<0.021	0.033 J	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021
trans-1,2-Dichloroethene	1,560	**0.0626**	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
1,2-Dichloropropane	1.33	**0.0033**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2,2-Dichloropropane	191	----	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichloropropane	1,490	**0.0003**	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031
Di-isopropyl ether	2,260	----	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012
1,2-Dibromoethane (EDB)	0.047	----	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
Ethylbenzene	7.47	**1.57**	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027
Hexachlorobutadiene	1.51	----	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Isopropylbenzene	----	----	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037
p-Isopropyltoluene	162	----	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056
Methylene Chloride	60.7	**0.0026**	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<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	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Naphthalene	5.15	**0.6582**	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087
n-Propylbenzene	264	----	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<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	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<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	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029
Tetrachloroethene (PCE)	30.7	**0.0045**	<0.054	<0.054	<0.054	**0.097 J**	<0.054	**0.162 J**	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054
Toluene	818	**1.1072**	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031	<0.031
1,2,4-Trichlorobenzene	22	**0.408**	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085
1,2,3-Trichlorobenzene	62.6	----	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
1,1,1-Trichloroethane	640	**0.1402**	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
1,1,2-Trichloroethane	1.48	**0.0032**	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Trichloroethene (TCE)	1.26	**0.0036**	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042
Trichlorofluoromethane	1,230	----	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
1,2,4-Trimethylbenzene	89.8	**1.3821**	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078
1,3,5-Trimethylbenzene	182		<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089
Vinyl Chloride	0.067	**0.0001**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m&p-Xylene	260	**3.96**	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
o-Xylene			<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<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 A.4
Vapor Analytical Results

131 E. Sunset Dr.
Waukesha, Wisconsin

Sample ID / Date Collected	CAS	Indoor Air Vapor Action Level	Sub-Slab Regional Screening Level	VP-1 Krystal Kleaners 12/14/2015	VP-2 Krystal Kleaners 12/14/2015	VP-143 Sunset Tan 2/16/2016	VP-147 EmbroidMe 2/16/2016	VP-141 Joey's This N-That 5/3/2016
VOCs (µg/m^3)								
Acetone	67-64-1	140,000	4,500,000	87.2	59.4	20.1	1,400	<29.2
Benzene	71-43-2	16	520	4.5	8.2	0.38 J	0.86	<4.3
Benzyl chloride	100-44-7	2.5	83	<0.96	<1.0	<0.27	<0.29	<5.8
Bromodichloromethane	75-27-4	3.3	110	<0.13	<0.13	<0.31	<0.34	<6.8
Bromoform	75-25-2	110	3,700	<0.20	<0.21	<1.5	<1.6	<31.5
Bromomethane	74-83-9	22	730	<1.1	<1.2	<0.50	<0.54	<10.8
1,3-Butadiene	106-99-0	4.1	140	<0.53	<0.55	<0.28	<0.31	<6.2
2-Butanone (Methyl Ethyl Ketone/ MEK)	78-93-3	--	--	16.7	6.8	3.3 J	3.5 J	23.3 J
Carbon disulfide	75-15-0	3,100	100,000	1.2	0.72 J	<0.16	<0.18	<3.5
Carbon tetrachloride	56-23-5	20	680	<0.12	<0.13	<0.31	<0.34	<6.8
Chlorobenzene	108-90-7	220	7,300	<0.86	<0.90	<0.22	<0.23	<4.7
Chloroethane (Ethyl Chloride)	75-00-3	44,000	1,500,000	1.3	<0.060	<0.31	<0.34	<6.8
Chloroform	67-66-3	5.3	180	5.1	4.8	<0.31	<0.33	<6.6
Chloromethane	74-87-3	390	13,000	<0.038	<0.040	<0.17	<0.19	<3.8
Cyclohexane	110-82-7	26,000	880,000	6.4	18.2	<0.51	0.67 J	16.7 J
Dibromochloromethane	124-48-1	440	15,000	<1.6	<1.7	<1.4	<1.5	<30.0
1,2-Dibromoethane (EDB)	106-93-4	0.2	6.8	<1.4	<1.5	<1.2	<1.4	<27.1
1,2-Dichlorobenzene	95-50-1	880	29,000	<1.1	<1.2	<0.82	<0.90	<17.9
1,3-Dichlorobenzene	541-73-1	--	--	<1.1	<1.2	<0.85	<0.93	<18.6
1,4-Dichlorobenzene	106-46-7	11	370	<0.11	<0.12	<0.80	<0.87	<17.5
Dichlorodifluoromethane	75-71-8	440	15,000	40.3	6.5	19.9	2.5	50.0
1,1-Dichloroethane	75-35-4	77	2,600	<0.75	<0.79	<0.25	<0.27	<5.5
1,2-Dichloroethane	107-06-2	4.7	160	<0.084	<0.088	<0.33	<0.36	<7.2
1,1-Dichloroethene	75-34-4	880	29,000	5.5	0.14 J	<0.38	<0.42	<8.3
cis-1,2-Dichloroethene	156-59-2	--	--	9,580	437	13.3	<0.43	<8.6
trans -1,2-Dichloroethene	156-60-5	--	--	3,560	67.1	14.5	<0.67	<13.4
1,2-Dichloropropane	78-87-5	12	410	<0.86	<0.90	<0.43	<0.47	<9.4
cis-1,3-Dichloropropene	10061-01-5	31	1,000	<0.84	<0.89	<0.59	<0.65	<12.9
trans-1,3-Dichloropropene	10061-02-6			<0.84	<0.89	<0.42	<0.46	<9.1
Dichlorotetrafluoroethane	76-14-2	--	--	<1.3	<1.4	<0.50	<0.54	<10.8
Ethanol	64-17-5	6	190	141	29.0	29.9	34.8	26.5 J
Ethyl Acetate	141-78-6	310	10,000	<0.67	<0.70	<0.56	1.2 J	<12.2
Ethylbenzene	100-41-4	49	1,600	2.8	6.1	<0.68	<0.74	33.1 J
4-Ethyltoluene	622-96-8	--	--	<0.92	4.3	<0.30	<0.33	44.4 J
n-Heptane	142-82-5	--	--	10.9	29.4	<0.45	<0.49	18.6 J
Hexachloro-1,3-butadiene	87-68-3	--	--	<9.9	<10.4	<1.0	<1.1	<22.8
n-Hexane	110-54-3	3,100	100,000	13.2	32.6	0.74 J	1.6	23.6 J
2-Hexanone	591-78-6	130	4,400	<3.8	<4.0	7.5	1.1 J	115 J
Methylene Chloride	75-09-2	2,600	88,000	<3.2	<3.4	<0.87	83.2	<19.0
4-Methyl-2-pentanone (MIBK)	108-10-1	13,000	440,000	<3.8	6.7 J	<0.35	<0.38	106 J
Methyl-tert-butyl ether (MTBE)	1634-04-4	470	16,000	<3.4	<3.5	<0.49	<0.53	<10.6
Naphthalene	91-20-3	3.6	120	<4.9	<5.1	2.3 J	<0.53	120
2-Propanol (Isopropanol)	67-63-0	880	29,000	15.5	<0.91	3.9 J	9.6	<8.4
Propylene	115-07-1	13,000	440,000	<0.042	<0.044	<0.22	455	<4.7
Styrene	100-42-5	4,400	150,000	4.5	3.7	<0.31	<0.34	<6.8
1,1,2,2-Tetrachloroethane	79-34-5	21	7	<0.64	<0.67	<0.53	<0.58	<11.5
Tetrachloroethene (PCE)	127-18-4	180	5,800	443,000	14,600	32,800	28.7	1,940
Tetrahydrofuran	109-99-9	8,800	290,000	<0.055	<0.058	<0.19	<0.21	<4.2
Toluene	108-88-3	22,000	730,000	7.1	20.6	0.69 J	10.8	21.2 J
1,2,4-Trichlorobenzene	120-82-1	8.8	290	<6.9	<7.2	<1.5	<1.6	<31.8
1,1,1-Trichloroethane	71-55-6	22,000	730,000	<1.0	<1.1	<0.40	<0.43	<8.6
1,1,2-Trichloroethane	79-00-5	0.88	29	<0.10	<0.11	<0.40	<0.43	<8.6
Trichloroethene	79-01-6	8.8	290	17,300	782	890	<0.48	23.1
Trichlorofluoromethane	75-69-4	3,100	100,000	<1.2	<1.3	1.2 J	1.2 J	<4.6
1,1,2-Trichlorotrifluoroethane	76-13-1	--	--	<1.4	<1.5	<0.48	<0.53	<10.5
1,2,4-Trimethylbenzene	95-63-6	31	1,000	1.9	11.5	<0.20	<0.22	51.4 J
1,3,5-Trimethylbenzene	108-67-8	--	--	<0.92	4.7	<0.29	<0.32	44.1 J
Vinyl acetate	108-05-4	880	29,000	<0.082	<0.086	<0.53	<0.58	<11.6
Vinyl Chloride	75-01-4	28	930	1.1	<0.052	<0.31	<0.34	<6.8
m&p-Xylene	179601-23-1	440	15,000	4.1	15.6	<1.3	<1.4	68.1 J
o-xylene	95-47-6	440	15,000	1.7	6.9	<0.57	<0.61	33.1

Notes:

VOCs : Volatile Organic Compounds

µg/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)

Table A.6
Water Elevations

131 E. Sunset Dr.
Waukesha, Wisconsin

Well	Date	Ground Surface Elevation	TOC Elevation	Depth to Water	Groundwater Elevation	Depth Below Ground Surface
MW-1	2/16/2016	100.42	100.00	6.63	93.37	7.05
	5/5/2016			5.28	94.72	5.70
MW-2	2/16/2016	101.49	101.13	7.58	93.55	7.94
	5/5/2016			6.12	95.01	6.48
MW-3	2/16/2016	101.24	100.91	7.46	93.45	7.79
	5/5/2016			6.05	94.86	6.38
MW-4	5/5/2016	99.98	99.56	5.26	94.30	5.68
MW-5	5/5/2016	99.19	98.76	4.89	93.87	5.32
PZ-1	5/5/2016	100.58	100.20	6.77	93.43	7.15

Notes:

TOC = Top of casing

Elevations established using the MW-1 top of casing as a benchmark of 100.0 local datum

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Facility/Project Name: Krystal Kleaners	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	Date Drilling Completed: 12/04/2015	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 ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E	Lat ° ' " Long ° ' "	Local Grid Location _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
Facility ID	County: Waukesha	County Code: 6 8	Civil Town/City/ or Village: Waukesha

Sample Number and Type	Sample 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				asphalt and sub-base										
			1	fill with dry silty clay and crushed stone										
			2											
			3											
1	48/ 48		4	dark greenish silty clay, plastic, moist										sample 3 - 4'
			5	light green silty clay, plastic, moist										
			6											
				tan silty clay, moist										sample 6 - 7'
			7	rock										
2	36/ 48		8	tan silty clay, coarse sand, moist										
			9											
			10											

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.

Boring Number: B-1

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			11											
	42/			rock										
3	48		12	tan silty clay with fine to coarse sand, wet										
	6/													
4	48		13	rock										
				End of Boring at 13' - refusal Set temporary well										
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, 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. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[x] **Verification Only of Fill and Seal**

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment [ ] Waste Management [ ] Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Waukesha	___ ___ ___ ___ ___	B-1

Latitude / Longitude (Degrees and Minutes): ___ ___ ° ___ ___ . ___ ___ ___ 'N; ___ ___ ° ___ ___ . ___ ___ ___ 'W

Method Code (see instructions): ___ ___ ___ ___ ___ ___

¼ / ¼ NW	¼ NW	Section	Township	Range	
or Gov't Lot #		14	06 N	19	[x] E [ ] W

Well Street Address: 145 E. Sunset Drive

Well City, Village or Town	Well ZIP Code
Waukesha	53189

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
investigation	___ ___ ___ ___ ___

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[x] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/04/2015

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [ ] Driven (Sandpoint) [ ] Dug
[x] Other (specify): direct push

Formation Type:
[x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2	NA

Was well annular space grouted? [ ] Yes [x] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
NA	NA

2. Facility / Owner Information

Facility Name: Krystal Kleaners

Facility ID (FID or PWS):

License/Permit/Monitoring #:

Original Well Owner: Krystal Kleaners

Present Well Owner: Krystal Kleaners

Mailing Address of Present Owner: 145 E. Sunset Drive

City of Present Owner	State	ZIP Code
Waukesha	WI	53189

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[ ] No	[x] N/A
Casing left in place?	[ ] Yes	[ ] No	[x] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[x] N/A
Did sealing material rise to surface?	[ ] Yes	[ ] No	[x] N/A
Did material settle after 24 hours?	[ ] Yes	[ ] No	[x] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[ ] Yes	[ ] No	[x] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[x] Screened & Poured (Bentonite Chips) [ ] Other (Explain): _____

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [ ] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[x] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
bentonite chips	Surface	13	1/2 bag	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Probe Technologies, Inc.		12/04/2015

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090		

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Krystal Kleaners		B-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: Probe Technologies	12 / 04 / 2015 (m m / d d / y y y y)	12 / 04 / 2015 (m m / d d / y y y y)	direct push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Waukesha	6 8	Waukesha

Sample Number and Type	Sample 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	asphalt and sub-base										
			1	fill with dry silty clay and crushed stone										
			2											
			3	dark greenish silty clay, dry										
1	36/ 48		4											sample 3 - 4'
			5	possible fill materials - greenish silty clay, crushed stone, fine to coarse sands and tan - gray silty clays										
			6											sample 6 - 7'
2	36/ 48		7	moist										
			8	fine to coarse tan sand, wet										
			9											
			10											

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

Signature	Firm
	Endpoint Solutions Corp.

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Boring Number: B-2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
3	18/ 48		11	fine to coarse tan sand, wet										
			12	End of Boring at 12' Set temporary well										
			13											
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											

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Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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[x] **Verification Only of Fill and Seal**

Route to:
[ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment
[ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Waukesha	___ ___ ___ ___ ___	B-2

Lattitude / Longitude (Degrees and Minutes) | Method Code (see instructions)
__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼ NW	¼ NW	Section	Township	Range	
or Gov't Lot #		14	06 N	19	[x] E [ ] W

Well Street Address: 145 E. Sunset Drive

Well City, Village or Town	Well ZIP Code
Waukesha	53189

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
investigation	___ ___ ___ ___ ___

3. Well / Drillhole / Borehole Information

[ ] Monitoring Well
[ ] Water Well
[x] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 12/04/2015

If a Well Construction Report is available, please attach.

Construction Type:
[ ] Drilled [ ] Driven (Sandpoint) [ ] Dug
[x] Other (specify): direct push

Formation Type:
[x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	NA

Was well annular space grouted? [ ] Yes [x] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
NA	NA

2. Facility / Owner Information

Facility Name: Krystal Kleaners
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner: Krystal Kleaners
Present Well Owner: Krystal Kleaners
Mailing Address of Present Owner: 145 E. Sunset Drive

City of Present Owner	State	ZIP Code
Waukesha	WI	53189

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[ ] No	[x] N/A
Casing left in place?	[ ] Yes	[ ] No	[x] N/A
Was casing cut off below surface?	[ ] Yes	[ ] No	[x] N/A
Did sealing material rise to surface?	[ ] Yes	[ ] No	[x] N/A
Did material settle after 24 hours?	[ ] Yes	[ ] No	[x] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[ ] Yes	[ ] No	[x] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[x] Screened & Poured (Bentonite Chips) [ ] Other (Explain):

Sealing Materials
[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [ ] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[x] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
bentonite chips	Surface	12	1/2 bag	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Probe Technologies, Inc.		12/04/2015

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090		

DNR Use Only

Date Received	Noted By

Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Facility/Project Name: Scherf Properties	License/Permit/Monitoring Number	Boring Number: MW-1	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Mike Last Name: Firm: Professional Testing Services (PTS)	Date Drilling Started: 02/11/2016	Date Drilling Completed: 02/11/2016	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 ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E	Lat ° ' " Long ° ' "	Local Grid Location _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
Facility ID	County: Waukesha	County Code: 6 8	Civil Town/City/ or Village: Waukesha	

Sample Number and Type	Sample 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				ASPHALT: with sub-base										
			1	FILL: dry silty clay and crushed stone~										
			2											
			3	FILL: Dark green silty clay, dry										
1	12/ 48		4											sample 3 - 4'
			5	Fill: Green silty clay with crushed stone, fine to coarse sand and tan to gray silty clay, moist										
			6											
			7											sample 6 - 8'
2	24/ 48		8											
			9	Fine to coarse tan SAND, wet (SW)										
			10											

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.

Boring Number: MW-1

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
3	18/ 48		11	fine to coarse tan sand, wet										
			12	End of Boring at 12'										
				Over drill boring with HSA to 15'										
			15	Set MW-1										
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Scherf Properties	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 02 / 11 / 2016 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 14, T. 06 N, R. 19 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Mike / Professional Testing Srvices
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 100.49 ft. MSL

B. Well casing, top elevation 100.00 ft. MSL

C. Land surface elevation 100.49 ft. MSL

D. Surface seal, bottom _____ ft. MSL or .5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ ____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 4.5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

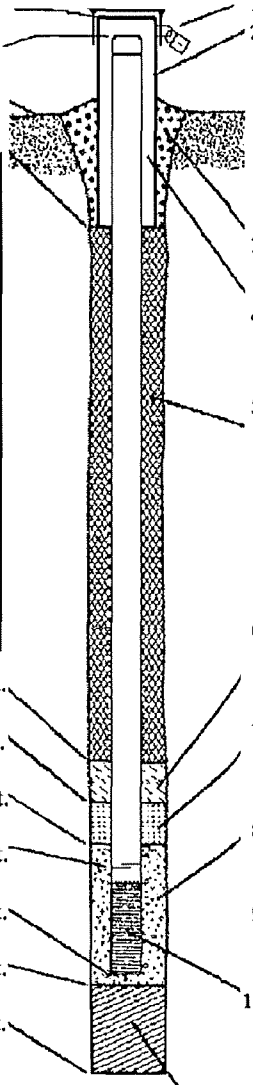
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 6.25 in.

M. O.D. well casing 2.4 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. fine sand
b. Volume added .25 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. coarse sand
b. Volume added 1.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ ____

10. Screen material: PVC Schedule 40
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ ____
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☐ 14 Other ☒ ____

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

Signature	Firm
	Endpoint Solutions Corp.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
131 E. Sunset Drive	Waukesha	MW-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 14.86 ft.

5. Inside diameter of well 2.07 in.

6. Volume of water in filter pack and well casing 7.12 gal.

7. Volume of water removed from well 3.0 gal.

8. Volume of water added (if any) 0.00 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☒ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.63 ft.	13.36 ft.
Date	b. 02 / 16 / 2016	02 / 16 / 2016
Time	c. ☐ a.m. ☐ p.m.	☐ a.m. ☐ p.m.
12. Sediment in well bottom	NA inches	NA inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe) tan, slight

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A mg/l	N/A mg/l
15. COD	N/A mg/l	N/A mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Tim Last Name: Petrick
Firm: Endpoint Solutions Corp.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Don Last Name: Scherf
Facility/Firm: Scherf Properties Trust II
Street: 1700 Howlett Lane
City/State/Zip: Waukesah, WI 53186

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: _____
Firm: Endpoint Solutions Corp.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Scherf Properties		MW-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Mike Last Name:	02 / 11 / 2016	02 / 11 / 2016	direct push
Firm: Professional Testing Services (PTS)			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Waukesha	6 8	Waukesha

Sample Number and Type	Sample 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	ASPHALT: with sub-base										
			1	FILL: dry silty clay and crushed stone										
			2	dark greenish silty clay, dry										
1	24/ 48		3											sample 3 - 4'
			4	FILL: green silty clay with crushed stone, fine to coarse sand and tan to gray silty clay, moist										
			5											
			6											
			7											sample 6 - 8'
2	24/ 48		8											
			9	Fine to coarse tan SAND, wet (SW)										
			10											

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

Signature	Firm
Kathy	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.

Boring Number: MW-2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
3	12/ 48		11	fine to coarse tan sand, wet										
			12	End of Boring at 12'										
			15	Over drill boring with HSA to 15'										
				Set MW-2										
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											

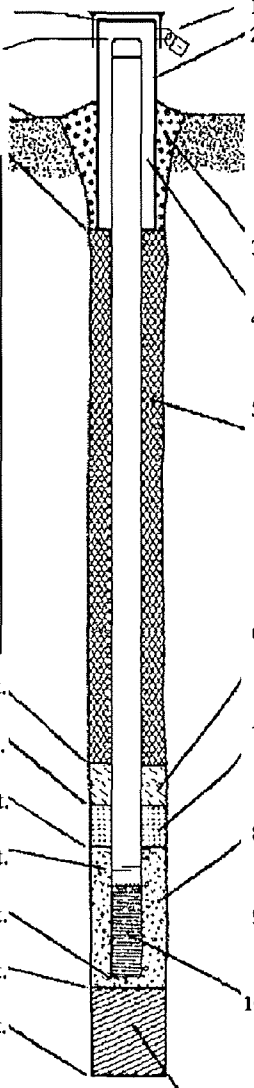
State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Scherf Properties	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 02 / 11 / 2016 (m m / d d / y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 14, T. 06 N, R. 19 ☐E ☐W	Well Installed By: Name (first, last) and Firm: Mike / Professional Testing Srvices
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation 101.52 ft. MSL

B. Well casing, top elevation 101.14 ft. MSL

C. Land surface elevation 101.52 ft. MSL

D. Surface seal, bottom _____ ft. MSL or .5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☑ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☑ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 4.5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 6.25 in.

M. O.D. well casing 2.4 in.

N. I.D. well casing 2.07 in.

1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☑ 04 Other ☐
d. Additional protection? ☐ Yes ☑ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☑ 01 Other ☐

4. Material between well casing and protective pipe: Bentonite ☑ 30 Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☑ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. fine sand
b. Volume added .25 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. coarse sand
b. Volume added 1.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☑ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐

10. Screen material: PVC Schedule 40
a. Screen type: Factory cut ☑ 11 Continuous slot ☐ 01 Other ☐
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☐ 14 Other ☑

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

Signature	Firm
	Endpoint Solutions Corp.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
131 E. Sunset Drive	Waukesha	MW-2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 14.82 ft.

5. Inside diameter of well 2.07 in.

6. Volume of water in filter pack and well casing 6.41 gal.

7. Volume of water removed from well 3.0 gal.

8. Volume of water added (if any) 0.00 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☒ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 7.58 ft.	13.40 ft.
Date	b. 02 / 16 / 2016	02 / 16 / 2016
Time	c. ☐ a.m. ☐ p.m.	☐ a.m. ☐ p.m.
12. Sediment in well bottom	NA inches	NA inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe) tan, slight
14. Total suspended solids	N/A mg/l	N/A mg/l
15. COD	N/A mg/l	N/A mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Tim Last Name: Petrick
Firm: Endpoint Solutions Corp.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Don Last Name: Scherf
Facility/Firm: Scherf Properties Trust II
Street: 1700 Howlett Lane
City/State/Zip: Waukesah, WI 53186

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: _____
Firm: Endpoint Solutions Corp.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Facility/Project Name: Scherf Properties	License/Permit/Monitoring Number	Boring Number: MW-3	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Mike Last Name: Firm: Professional Testing Services (PTS)	Date Drilling Started: 02 / 11 / 2016	Date Drilling Completed: 02 / 11 / 2016	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 ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E	Lat ° ' " Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E			
Facility ID	County: Waukesha	County Code: 68	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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				ASPHALT with sub-base										
			1	FILL: dry silty clay and crushed stone										
			2											
			3	FILL: dark green silty clay, dry										sample 2 - 3'
1	12/ 48		4											
			5	FILL: green silty clay with crushed stone, fine to coarse sand and tan to gray silty clay, moist										
			6											
			7											sample 6 - 8'
2	12/ 48		8											
			9	Fine to coarse tan SAND, wet (SW)										
			10											

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

Signature	Firm
Kathy A	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.

Boring Number: MW-3

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
3	12/ 48		11	fine to coarse tan sand, wet										
			12	End of Boring at 12'										
			15	Over drill boring with HSA to 15'										
				Set MW-3										
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Scherf Properties	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 02 / 11 / 2016 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 14, T. 06 N, R. 19 ☒ E ☐ W	Well Installed By: Name (first, last) and Firm: Mike / Professional Testing Srvices
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 101.30 ft. MSL
B. Well casing, top elevation 100.95 ft. MSL
C. Land surface elevation 101.30 ft. MSL
D. Surface seal, bottom _____ ft. MSL or .5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

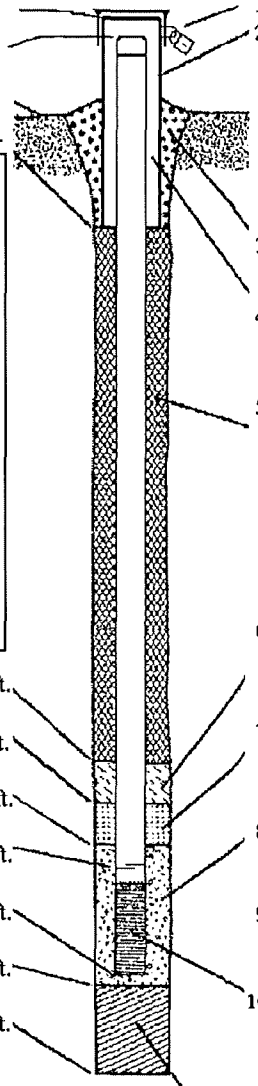
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 4.0 ft.
G. Filter pack, top _____ ft. MSL or 4.5 ft.
H. Screen joint, top _____ ft. MSL or 5 ft.
I. Well bottom _____ ft. MSL or 15 ft.
J. Filter pack, bottom _____ ft. MSL or 15 ft.
K. Borehole, bottom _____ ft. MSL or 15 ft.
L. Borehole, diameter 6.25 in.
M. O.D. well casing 2.4 in.
N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. fine sand
b. Volume added .25 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. coarse sand
b. Volume added 1.5 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐
10. Screen material: PVC Schedule 40
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☐ 14 / Other ☒

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

Signature	Firm
	Endpoint Solutions Corp.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
131 E. Sunset Drive	Waukesha	MW-3

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 14.71 ft.

5. Inside diameter of well 2.07 in.

6. Volume of water in filter pack and well casing 6.41 gal.

7. Volume of water removed from well 3.0 gal.

8. Volume of water added (if any) 0.00 gal.

9. Source of water added N/A

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 7.46 ft.	13.24 ft.
Date	b. 02 / 16 / 2016 (m m / d d / y y y y)	02 / 16 / 2016 (m m / d d / y y y y)
Time	c. ☐ a.m. ☐ p.m.	☐ a.m. ☐ p.m.
12. Sediment in well bottom	NA inches	NA inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe) tan, slight

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A mg/l	N/A mg/l
15. COD	N/A mg/l	N/A mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Tim Last Name: Petrick
Firm: Endpoint Solutions Corp.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Don Last Name: Scherf
Facility/Firm: Scherf Properties Trust II
Street: 1700 Howlett Lane
City/State/Zip: Waukesah, WI 53186

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: _____
Firm: Endpoint Solutions Corp.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Facility/Project Name: Scherf Properties	License/Permit/Monitoring Number	Boring Number: MW-4
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Mike Last Name: Firm: Professional Testing Services (PTS)	Date Drilling Started: 05/02/2016	Date Drilling Completed: 05/02/2016 — Drilling Method: HSA
WI Unique Well No.	DNR Well ID No.	Well Name: MW-4 — Final Static Water Level: ____ Feet MSL — Surface Elevation: ____ Feet MSL — Borehole Diameter: 8 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane ____ N, ____ E — NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E ____ Feet ☐ S ____ Feet ☐ W
Facility ID	County: Waukesha — County Code: 68	Civil Town/City/ or Village: Waukesha

Sample Number and Type	Sample 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				ASPHALT: with sub-base										
1	24/6		1–2	FILL: dry silty clay and crushed stone~										
2	24/6		3–4	FILL: Dark green silty clay, dry										sample 2 - 4'
3	24/0		5–6	No Recovery										
4	24/6		7–8	SAND: fine to coarse tan, wet (SW)										sample 6 - 8'
			9–10	End of split spoon samples, blind drill to 15'										

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

Signature	Firm
Kathy	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.

Boring Number: MW-4

Sample										Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			11											
			12											
			13											
			14											
			15	Drilled with HSA to 15' Set MW-4										
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Scherf Properties	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 05 / 02 / 2016 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 14, T. 06 N, R. 19 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Mike / Professional Testing Srvices
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or .5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ ____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 4.5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

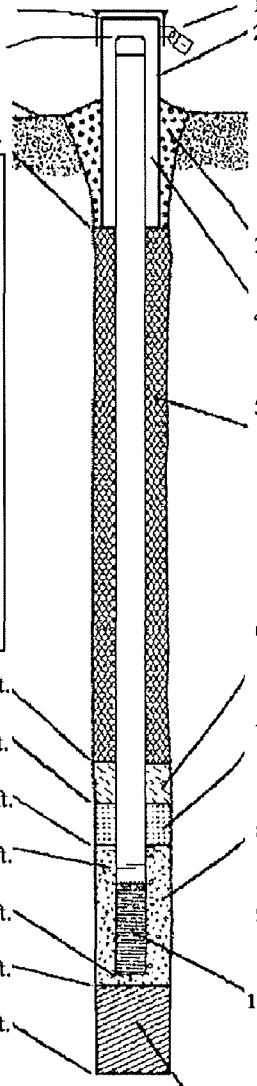
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 8.25 in.

M. O.D. well casing 2.4 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04
Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
Other ☐ ____

4. Material between well casing and protective pipe:
Bentonite ☒ 30
Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. fine sand
b. Volume added .25 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. coarse sand
b. Volume added 1.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ ____

10. Screen material: PVC Schedule 40
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐ ____
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☐ 14
Other ☒ ____

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

Signature	Firm
	Endpoint Solutions Corp.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
131 E. Sunset Drive	Waukesha	MW-4

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 13.90 ft.

5. Inside diameter of well 2.07 in.

6. Volume of water in filter pack and well casing 7.2 gal.

7. Volume of water removed from well 5.0 gal.

8. Volume of water added (if any) 0.00 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☒ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 5.26 ft.	13.24 ft.
Date	b. 05/05/2016	05/05/2016
Time	c. 9:30 ☒ a.m. ☐ p.m.	10:00 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	~6.0 inches	NA inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe) tan, very turbid

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A mg/l	N/A mg/l
15. COD	N/A mg/l	N/A mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Tim Last Name: Petrick
Firm: Endpoint Solutions Corp.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Don Last Name: Scherf
Facility/Firm: Scherf Properties Trust II
Street: 1700 Howlett Lane
City/State/Zip: Waukesah, WI 53186

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: _____
Firm: Endpoint Solutions Corp.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Scherf Properties		MW-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Mike Last Name:	05 / 02 / 2016	05 / 02 / 2016	HSA
Firm: Professional Testing Services (PTS)			

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-5	_____ Feet MSL	_____ Feet MSL	8 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
NW 1/4 of NW 1/4 of Section 14, T 06 N, R 19 E

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Waukesha	6 8	Waukesha

Sample Number and Type	Sample 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				ASPHALT: with sub-base										
1	24/ 6		1	FILL: dry silty clay and crushed stone~										
2	24/ 6		3	FILL: dark green/gray silty clay, dry										sample 2 - 4'
3	24/ 6		5	FILL: dark green/gray silty clay, dry										
4	24/ 4		7	SAND: fine to coarse tan, wet (SW)										sample 6 - 8'
			9	End of split spoon samples, blind drill to 15'										

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

Signature	Firm
	Endpoint Solutions Corp.

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Boring Number: MW-5

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			11												
			12												
			13												
			14												
			15	Drilled with HSA to 15' Set MW-5											
			16												
			17												
			18												
			19												
			20												
			21												
			22												
			23												
			24												
			25												
			26												
			27												
			28												
			29												
			30												

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
131 E. Sunset Drive	Waukesha	MW-5

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 12.0 ft.

5. Inside diameter of well 2.07 in.

6. Volume of water in filter pack and well casing 6.2 gal.

7. Volume of water removed from well 3.5 gal.

8. Volume of water added (if any) 0.00 gal.

9. Source of water added N/A

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 4.89 ft.	11.0 ft.
Date	b. 05/05/2016 (m m / d d / y y y y)	05/05/2016
Time	c. 9 : 15 ☒ a.m. ☐ p.m.	9 : 45 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	~ 12.0 inches	NA inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe) tan, very turbid

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A mg/l	N/A mg/l
15. COD	N/A mg/l	N/A mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Tim Last Name: Petrick
Firm: Endpoint Solutions Corp.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Don Last Name: Scherf
Facility/Firm: Scherf Properties Trust II
Street: 1700 Howlett Lane
City/State/Zip: Waukesah, WI 53186

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: _____
Firm: Endpoint Solutions Corp.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Scherf Properties	Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name: PZ-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 05 / 02 / 2016 (m m d d y y y y)
Type of Well: Well Code 12 / PZ	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 14, T. 06 N, R. 19 ☒ E ☐ W	Well Installed By: Name (first, last) and Firm: Mike / Professional Testing Srvices
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or .5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 23.5 ft.

G. Filter pack, top _____ ft. MSL or 24.0 ft.

H. Screen joint, top _____ ft. MSL or 25 ft.

I. Well bottom _____ ft. MSL or 30 ft.

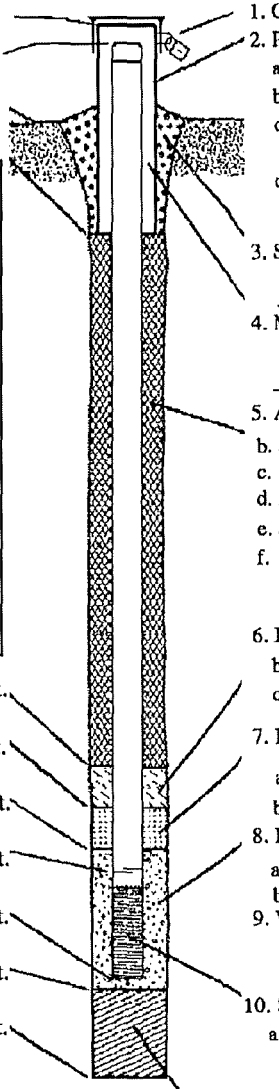
J. Filter pack, bottom _____ ft. MSL or 30 ft.

K. Borehole, bottom _____ ft. MSL or 30 ft.

L. Borehole, diameter 8.25 in.

M. O.D. well casing 2.4 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. fine sand
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. coarse sand
b. Volume added 1.0 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐

10. Screen material: PVC Schedule 40
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☐ 14 / Other ☒

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

Signature	Firm
	Endpoint Solutions Corp.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
131 E. Sunset Drive	Waukesha	PZ-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐ 00

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 28.5 ft.

5. Inside diameter of well 2.07 in.

6. Volume of water in filter pack and well casing 9.4 gal.

7. Volume of water removed from well 8.0 gal.

8. Volume of water added (if any) 0.00 gal.

9. Source of water added N/A

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☒ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.77 ft.	27.10 ft.
Date	b. 02 / 16 / 2016 (m m d d y y y y)	02 / 16 / 2016 (m m d d y y y y)
Time	c. 9 : 50 ☒ a.m. ☐ p.m.	10 : 20 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	~3.0 inches	NA inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe) tan, moderate turbidity

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A mg/l	N/A mg/l
15. COD	N/A mg/l	N/A mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Tim Last Name: Petrick
Firm: Endpoint Solutions Corp.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Don Last Name: Scherf
Facility/Firm: Scherf Properties Trust II
Street: 1700 Howlett Lane
City/State/Zip: Waukesah, WI 53186

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name:
Firm: Endpoint Solutions Corp.

NOTE: See instructions for more information including a list of county codes and well type codes.

Endpoint Solutions

APPENDIX B

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 *14-Dec-15*

Project Name KRYSTAL KLEANERS **Invoice #** E30154
Project # 255-006-002

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
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 **Invoice #** E30154
Project # 255-006-002

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 **Invoice #** E30154
Project # 255-006-002

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 **Invoice #** E30154
Project # 255-006-002

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
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 **Invoice #** E30154
Project # 255-006-002

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 **Invoice #** E30154
Project # 255-006-002

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
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 **Invoice #** E30154
Project # 255-006-002

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 **Invoice #** E30154
Project # 255-006-002

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
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 **Invoice #** E30154
Project # 255-006-002

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 **Invoice #** E30154
Project # 255-006-002

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

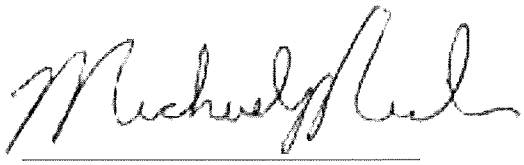
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		12/9/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		12/9/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		12/9/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	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

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

Code	*Comment*
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



CHAIN OF CUSTODY RECORD

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

Chain # N2 2888
Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.:
Project #:	255-006-002
Sampler: (signature)	Tim Pettrich
Project (Name / Location)	Krystal Kleaners

Reports To:	Tim Pettrich
Company:	Endpoint Solutions
Address	6871 S Lovers Lane
City State Zip	Franklin WI
Phone	414 858 1210
FAX	

Invoice To:	
Company	Shell
Address	
City State Zip	
Phone	
FAX	

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
503015 4 A	B-1 3-4'	12/4	800		X	N	1	S	meoh
B	B-1 6-7'		830				1	S	meoh
C	B-2 3-4'		900				1	S	meoh
D	B-2 6-7'		930				1	S	meoh
E	B-1		830				3	GW	HCl
F	B-2		930				3	GW	HCl

Analysis Requested

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	B-RCRA METALS	PID/ FID
												X		
												X		
												X		
												X		
												X		
												X		

Other Analysis

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

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Courier
Temp. of Temp. Blank ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Tim Pettrich	12:21	12/4/15		12:22	12/4/15

Received in Laboratory By: [signature] Time: 10.00 Date: 12/5/15

Pace Analytical®
www.pacelabs.com

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

Pace Analytical®
www.pacelabs.com

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

CERTIFICATIONS

Project: Krystal Kleaners
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 - WW #: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

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(612)607-1700

SAMPLE SUMMARY

Project: Krystal Kleaners
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

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Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: Krystal Kleaners
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

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(612)607-1700

ANALYTICAL RESULTS

Project: Krystal Kleaners
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
TO15 MSV AIR	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

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

ANALYTICAL RESULTS

Project: Krystal Kleaners
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
TO15 MSV AIR	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 Kleaners
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
TO15 MSV AIR	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	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Krystal Kleaners
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
TO15 MSV AIR	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 Kleaners
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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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Krystal Kleaners
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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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Krystal Kleaners
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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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
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

Pace Analytical®
www.pacelabs.com

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

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	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Krystal Kleaners
Pace Project No.: 10332083

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Krystal Kleaners
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		

Pace Analytical®
www.pacelabs.com

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

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Endpoint Solutions	Report To: Jim Petrick	Attention: Jim Petrick
Address: 6871 S. Lovers Lane Franklin WI	Copy To:	Company Name: Endpoint Solutions
		Address: 6871 S. Lovers Lane
Email To: Jim@endpointcorporation.com	Purchase Order No.:	Pace Quote Reference:
Phone: 414-858-1210 Fax:	Project Name: Krystal Kleaners	Pace Project Manager/Sales Rep.
Requested Due Date/TAT: std	Project Number:	Pace Profile #:

Program: UST | Superfund | Emissions | Clean Air Act | Voluntary Clean Up | Dry Clean | RCRA | Other

Location of Sampling by State: WI

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level: II. ___ III. ___ IV. ___ Other ___

ITEM #	'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	TIME	COMPOSITE - DATE	TIME	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-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	VP-1 boiler compressor room			12/3/15	820	12/3	850	30	8	2722							X				001
2	VP-2			12/3/15	825	12/3	855	28	10	2385							X				002
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	12/3/15	1130	FedEx	12/8/15	1130
				12/4/15	9:50

SAMPLE CONDITIONS

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
—	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

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

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 29June2015 Page 1 of 1
	Document No.: F-MN-A-106-rev.10	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: End Point Solutions

Project #: WO# : 10332083

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 ☐ B88A9132521491 ☐ 72337080 ☐ 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?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☐ Yes	☑ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Media: Air Can Airbag Filter TDT Passive				11.
Sample Labels Match COC?	☐ Yes	☑ No	☐ N/A	12. No Id, date, or time on containers

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)

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 *18-Feb-16*

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492A
Sample ID MW-1 2-4'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.2	%			1	5021		2/15/2016	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		2/17/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		2/17/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		2/17/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		2/17/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		2/17/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		2/17/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		2/17/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		2/17/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		2/17/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		2/17/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		2/17/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		2/17/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		2/17/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		2/17/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		2/17/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		2/17/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		2/17/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492A
Sample ID MW-1 2-4'
Sample Matrix Soil
Sample Date 2/11/2016

	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		2/17/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		2/17/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		2/17/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		2/17/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		2/17/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		2/17/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		2/17/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		2/17/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		2/17/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		2/17/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		2/17/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		2/17/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		2/17/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		2/17/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		2/17/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		2/17/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		2/17/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		2/17/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		2/17/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		2/17/2016	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		2/17/2016	CJR	1
SUR - Dibromofluoromethane	110	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	97	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 4-Bromofluorobenzene	106	Rec %			1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492B
Sample ID MW-1 6-8'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.2	%			1	5021		2/15/2016	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		2/17/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		2/17/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		2/17/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		2/17/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		2/17/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		2/17/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		2/17/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		2/17/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		2/17/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		2/17/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		2/17/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		2/17/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		2/17/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		2/17/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		2/17/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		2/17/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		2/17/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		2/17/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		2/17/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		2/17/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		2/17/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		2/17/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		2/17/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		2/17/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		2/17/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
Tetrachloroethene	0.162 "J"	mg/kg	0.054	0.17	1	8260B		2/17/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		2/17/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		2/17/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		2/17/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		2/17/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		2/17/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		2/17/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		2/17/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		2/17/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		2/17/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		2/17/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492B
Sample ID MW-1 6-8'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	114	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		2/17/2016	CJR	1
SUR - Dibromofluoromethane	110	Rec %			1	8260B		2/17/2016	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492C
Sample ID MW-2 3-4'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.4	%			1	5021		2/15/2016	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		2/17/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		2/17/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		2/17/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		2/17/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		2/17/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		2/17/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		2/17/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		2/17/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		2/17/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		2/17/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		2/17/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		2/17/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		2/17/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		2/17/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		2/17/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		2/17/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		2/17/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		2/17/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		2/17/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		2/17/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		2/17/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		2/17/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		2/17/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		2/17/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		2/17/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		2/17/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		2/17/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		2/17/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		2/17/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		2/17/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		2/17/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		2/17/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		2/17/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		2/17/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		2/17/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		2/17/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492C
Sample ID MW-2 3-4'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	118	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	108	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		2/17/2016	CJR	1
SUR - Toluene-d8	95	Rec %			1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492D
Sample ID MW-2 6-8'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.8	%			1	5021		2/15/2016	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		2/17/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		2/17/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		2/17/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		2/17/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		2/17/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		2/17/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		2/17/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		2/17/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		2/17/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		2/17/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		2/17/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		2/17/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		2/17/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		2/17/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		2/17/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		2/17/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		2/17/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		2/17/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		2/17/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		2/17/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		2/17/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		2/17/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		2/17/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		2/17/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		2/17/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		2/17/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		2/17/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		2/17/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		2/17/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		2/17/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		2/17/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		2/17/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		2/17/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		2/17/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		2/17/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		2/17/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492D
Sample ID MW-2 6-8'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	98	Rec %			1	8260B		2/17/2016	CJR	1
SUR - Dibromofluoromethane	106	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	109	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492E
Sample ID MW-3 2-3'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.1	%			1	5021		2/15/2016	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		2/17/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		2/17/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		2/17/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		2/17/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		2/17/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		2/17/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		2/17/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		2/17/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		2/17/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		2/17/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		2/17/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		2/17/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		2/17/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		2/17/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		2/17/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		2/17/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		2/17/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		2/17/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		2/17/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		2/17/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		2/17/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		2/17/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		2/17/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		2/17/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		2/17/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		2/17/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		2/17/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		2/17/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		2/17/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		2/17/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		2/17/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		2/17/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		2/17/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		2/17/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		2/17/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		2/17/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492E
Sample ID MW-3 2-3'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B		2/17/2016	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		2/17/2016	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET
Project # 403-001-001

Invoice # E30492

Lab Code 5030492F
Sample ID MW-3 6-8'
Sample Matrix Soil
Sample Date 2/11/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.2	%			1	5021		2/15/2016	DJL	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		2/17/2016	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		2/17/2016	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		2/17/2016	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		2/17/2016	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		2/17/2016	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		2/17/2016	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		2/17/2016	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		2/17/2016	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		2/17/2016	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		2/17/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		2/17/2016	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		2/17/2016	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		2/17/2016	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		2/17/2016	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		2/17/2016	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		2/17/2016	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		2/17/2016	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		2/17/2016	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		2/17/2016	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		2/17/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		2/17/2016	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		2/17/2016	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		2/17/2016	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		2/17/2016	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		2/17/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		2/17/2016	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		2/17/2016	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		2/17/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		2/17/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		2/17/2016	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		2/17/2016	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		2/17/2016	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		2/17/2016	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		2/17/2016	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		2/17/2016	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		2/17/2016	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		2/17/2016	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		2/17/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		2/17/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		2/17/2016	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		2/17/2016	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		2/17/2016	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		2/17/2016	CJR	1

Project Name 131 E. SUNSET **Invoice #** E30492
Project # 403-001-001

Lab Code 5030492F
Sample ID MW-3 6-8'
Sample Matrix Soil
Sample Date 2/11/2016

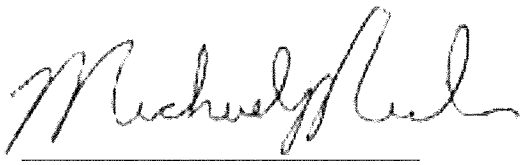
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	96	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	109	Rec %			1	8260B		2/17/2016	CJR	1
SUR - 4-Bromofluorobenzene	96	Rec %			1	8260B		2/17/2016	CJR	1
SUR - Dibromofluoromethane	107	Rec %			1	8260B		2/17/2016	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

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

Authorized Signature



CHAIN OF USTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # No 2810

Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #		
Account No. :	Quote No.:	
Project #: 403-001-001		
Sampler: (signature)		
Project (Name / Location): 131 E. Sunset		
Reports To: Tim Petrick	Invoice To:	
Company Endpoint Solutions	Company	
Address 6821 S. Lovers Lane	Address	
City State Zip Franklin WI	City State Zip	
Phone 414 858 1210	Phone	
FAX	FAX	

Lab I.D.	Sample I.D.	Collection Date	Collection Time	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)	8-RCRA METALS	PID/FID
5030492A	MW-1 2-4'	2/11	1000		X	N	1	S	meoh													X		
B	MW-1 6-8'		1030																			X		
C	MW-2 3-4'		100																			X		
D	MW-2 6-8'		130																			X		
E	MW-3 2-3'		300																			X		
F	MW-3 6-8'		330																			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: Sm
Temp. of Temp. Blank ___ °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	1000	2/12/16		10:27	2/12/16
Received in Laboratory By:	Time: 10:00	Date: 2/13/16			

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 *29-Feb-16*

Project Name 131 E. SUNSET
Project # 255-006-002

Invoice # E30513

Lab Code 5030513A
Sample ID MW-1
Sample Matrix Water
Sample Date 2/16/2016

	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		2/19/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/19/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/19/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/19/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/19/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/19/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/19/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		2/19/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/19/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/19/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/19/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/19/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/19/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/19/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/19/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/19/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/19/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/19/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/19/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/19/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/19/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/19/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/19/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/19/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/19/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/19/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/19/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/19/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/19/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/19/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/19/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/19/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/19/2016	CJR	1

Project Name 131 E. SUNSET
Project # 255-006-002

Invoice # E30513

Lab Code 5030513A
Sample ID MW-1
Sample Matrix Water
Sample Date 2/16/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/19/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/19/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/19/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/19/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/19/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/19/2016	CJR	1
Tetrachloroethene	25.4	ug/l	0.49	1.5	1	8260B		2/19/2016	CJR	1
Toluene	0.71 "J"	ug/l	0.44	1.4	1	8260B		2/19/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/19/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/19/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/19/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/19/2016	CJR	1
Trichloroethene (TCE)	3.7	ug/l	0.47	1.5	1	8260B		2/19/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/19/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/19/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/19/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/19/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/19/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/19/2016	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		2/19/2016	CJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B		2/19/2016	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B		2/19/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		2/19/2016	CJR	1

Project Name 131 E. SUNSET
Project # 255-006-002

Invoice # E30513

Lab Code 5030513B
Sample ID MW-2
Sample Matrix Water
Sample Date 2/16/2016

	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		2/19/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/19/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/19/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/19/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/19/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/19/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/19/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		2/19/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/19/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/19/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/19/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/19/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/19/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/19/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/19/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/19/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/19/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/19/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/19/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/19/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/19/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/19/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/19/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/19/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/19/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/19/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/19/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/19/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/19/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/19/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/19/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/19/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/19/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/19/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/19/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/19/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/19/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/19/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/19/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		2/19/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/19/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/19/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/19/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/19/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/19/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/19/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/19/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/19/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/19/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/19/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/19/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/19/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		2/19/2016	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		2/19/2016	CJR	1
SUR - Dibromofluoromethane	113	REC %			1	8260B		2/19/2016	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		2/19/2016	CJR	1

Project Name 131 E. SUNSET
Project # 255-006-002

Invoice # E30513

Lab Code 5030513C
Sample ID MW-3
Sample Matrix Water
Sample Date 2/16/2016

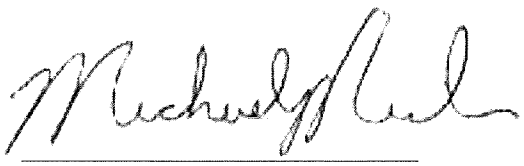
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/26/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/26/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/26/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/26/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/26/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/26/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/26/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		2/26/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/26/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/26/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/26/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/26/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/26/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/26/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/26/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/26/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/26/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/26/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/26/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/26/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/26/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/26/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/26/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/26/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/26/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/26/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/26/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/26/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/26/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/26/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/26/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/26/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/26/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/26/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/26/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/26/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/26/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/26/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/26/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/26/2016	CJR	1
Tetrachloroethene	2.88	ug/l	0.49	1.5	1	8260B		2/26/2016	CJR	1
Toluene	0.54 "J"	ug/l	0.44	1.4	1	8260B		2/26/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/26/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/26/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/26/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/26/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/26/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/26/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/26/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/26/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/26/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/26/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/26/2016	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		2/26/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		2/26/2016	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		2/26/2016	CJR	1
SUR - Dibromofluoromethane	101	REC %			1	8260B		2/26/2016	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

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

Authorized Signature



CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # No 2817

Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.:
Project #:	2155-006-002
Sampler: (signature)	Tim Petrich
Project (Name / Location):	131 E. Sunset

Reports To: Tim Petrich	Invoice To:
Company: Endpoint Solutions	Company
Address: 6871 S. Lovers Lane	Address
City State Zip: Franklin WI	City State Zip
Phone: 414 858 1210	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	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)	8-RCRA METALS	PID/FID
503051 3A	MW-1	2/16	1230		X	N	3	GW	HCl													X		
B	MW-2	↓	1245		X	N	3	GW	HCl													X		
C	MW-3		1210		X	N	3	GW	HCl													X		

Analysis Requested — Other Analysis

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: SM
Temp. of Temp. Blank ___ °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Tim Petrich	1235	2/17/16		1:39	2/17/16

Received in Laboratory By: [signature] Time: 8:30 Date: 2/18/16

Pace Analytical®
www.pacelabs.com

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

February 29, 2016

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

RE: Project: Sunset
Pace Project No.: 10338811

Dear Tim Petrick:
Enclosed are the analytical results for sample(s) received by the laboratory on February 17, 2016. 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,

Nathan Boberg for
Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: Sunset
Pace Project No.: 10338811

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
525 N 8th Street, Salina, KS 67401
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 - WW #: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
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: Sunset
Pace Project No.: 10338811

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10338811001	**VP 143**	Air	02/16/16 13:23	02/17/16 11:20
10338811002	**VP 147**	Air	02/16/16 13:30	02/17/16 11:20

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: Sunset
Pace Project No.: 10338811

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10338811001	**VP 143**	TO-15	NCK	61	PASI-M
10338811002	**VP 147**	TO-15	NCK	61	PASI-M

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ANALYTICAL RESULTS

Project: Sunset
Pace Project No.: 10338811

Sample: VP 143 **Lab ID: 10338811001** Collected: 02/16/16 13:23 Received: 02/17/16 11:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**20.1**	ug/m3	9.7	1.3	1.61		02/23/16 22:56	67-64-1	
Benzene	**0.38J**	ug/m3	0.52	0.20	1.61		02/23/16 22:56	71-43-2	
Benzyl chloride	**<0.27**	ug/m3	1.7	0.27	1.61		02/23/16 22:56	100-44-7	
Bromodichloromethane	**<0.31**	ug/m3	2.2	0.31	1.61		02/23/16 22:56	75-27-4	
Bromoform	**<1.5**	ug/m3	3.4	1.5	1.61		02/23/16 22:56	75-25-2	
Bromomethane	**<0.50**	ug/m3	1.3	0.50	1.61		02/23/16 22:56	74-83-9	
1,3-Butadiene	**<0.28**	ug/m3	0.72	0.28	1.61		02/23/16 22:56	106-99-0	
2-Butanone (MEK)	**3.3J**	ug/m3	4.8	0.37	1.61		02/23/16 22:56	78-93-3	
Carbon disulfide	**<0.16**	ug/m3	1.0	0.16	1.61		02/23/16 22:56	75-15-0	
Carbon tetrachloride	**<0.31**	ug/m3	1.0	0.31	1.61		02/23/16 22:56	56-23-5	
Chlorobenzene	**<0.22**	ug/m3	1.5	0.22	1.61		02/23/16 22:56	108-90-7	
Chloroethane	**<0.31**	ug/m3	2.2	0.31	1.61		02/23/16 22:56	75-00-3	
Chloroform	**<0.31**	ug/m3	0.80	0.31	1.61		02/23/16 22:56	67-66-3	
Chloromethane	**<0.17**	ug/m3	0.68	0.17	1.61		02/23/16 22:56	74-87-3	
Cyclohexane	**<0.51**	ug/m3	1.1	0.51	1.61		02/23/16 22:56	110-82-7	
Dibromochloromethane	**<1.4**	ug/m3	2.8	1.4	1.61		02/23/16 22:56	124-48-1	
1,2-Dibromoethane (EDB)	**<1.2**	ug/m3	2.5	1.2	1.61		02/23/16 22:56	106-93-4	
1,2-Dichlorobenzene	**<0.82**	ug/m3	2.0	0.82	1.61		02/23/16 22:56	95-50-1	
1,3-Dichlorobenzene	**<0.85**	ug/m3	2.0	0.85	1.61		02/23/16 22:56	541-73-1	
1,4-Dichlorobenzene	**<0.80**	ug/m3	2.0	0.80	1.61		02/23/16 22:56	106-46-7	
Dichlorodifluoromethane	**19.9**	ug/m3	1.6	0.77	1.61		02/23/16 22:56	75-71-8	
1,1-Dichloroethane	**<0.25**	ug/m3	1.3	0.25	1.61		02/23/16 22:56	75-34-3	
1,2-Dichloroethane	**<0.33**	ug/m3	0.66	0.33	1.61		02/23/16 22:56	107-06-2	
1,1-Dichloroethene	**<0.38**	ug/m3	1.3	0.38	1.61		02/23/16 22:56	75-35-4	
cis-1,2-Dichloroethene	**13.3**	ug/m3	1.3	0.40	1.61		02/23/16 22:56	156-59-2	
trans-1,2-Dichloroethene	**14.5**	ug/m3	1.3	0.62	1.61		02/23/16 22:56	156-60-5	
1,2-Dichloropropane	**<0.43**	ug/m3	1.5	0.43	1.61		02/23/16 22:56	78-87-5	
cis-1,3-Dichloropropene	**<0.59**	ug/m3	1.5	0.59	1.61		02/23/16 22:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.42**	ug/m3	3.7	0.42	1.61		02/23/16 22:56	10061-02-6	
Dichlorotetrafluoroethane	**<0.50**	ug/m3	2.3	0.50	1.61		02/23/16 22:56	76-14-2	
Ethanol	**29.9**	ug/m3	7.7	0.43	1.61		02/23/16 22:56	64-17-5	
Ethyl acetate	**<0.56**	ug/m3	1.2	0.56	1.61		02/23/16 22:56	141-78-6	
Ethylbenzene	**<0.68**	ug/m3	1.4	0.68	1.61		02/23/16 22:56	100-41-4	
4-Ethyltoluene	**<0.30**	ug/m3	1.6	0.30	1.61		02/23/16 22:56	622-96-8	
n-Heptane	**<0.45**	ug/m3	1.3	0.45	1.61		02/23/16 22:56	142-82-5	
Hexachloro-1,3-butadiene	**<1.0**	ug/m3	3.5	1.0	1.61		02/23/16 22:56	87-68-3	
n-Hexane	**0.74J**	ug/m3	1.2	0.57	1.61		02/23/16 22:56	110-54-3	
2-Hexanone	**7.5**	ug/m3	6.7	0.66	1.61		02/23/16 22:56	591-78-6	
Methylene Chloride	**<0.87**	ug/m3	5.7	0.87	1.61		02/23/16 22:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.35**	ug/m3	6.7	0.35	1.61		02/23/16 22:56	108-10-1	
Methyl-tert-butyl ether	**<0.49**	ug/m3	5.9	0.49	1.61		02/23/16 22:56	1634-04-4	
Naphthalene	**2.3J**	ug/m3	4.3	0.49	1.61		02/23/16 22:56	91-20-3	
2-Propanol	**3.9J**	ug/m3	4.0	0.39	1.61		02/23/16 22:56	67-63-0	
Propylene	**<0.22**	ug/m3	0.56	0.22	1.61		02/23/16 22:56	115-07-1	
Styrene	**<0.31**	ug/m3	1.4	0.31	1.61		02/23/16 22:56	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.53**	ug/m3	1.1	0.53	1.61		02/23/16 22:56	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Sunset
Pace Project No.: 10338811

Sample: VP 143 **Lab ID: 10338811001** Collected: 02/16/16 13:23 Received: 02/17/16 11:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**32800**	ug/m3	355	143	515.2		02/24/16 21:28	127-18-4	A3
Tetrahydrofuran	**<0.19**	ug/m3	0.97	0.19	1.61		02/23/16 22:56	109-99-9	
Toluene	**0.69J**	ug/m3	1.2	0.25	1.61		02/23/16 22:56	108-88-3	
1,2,4-Trichlorobenzene	**<1.5**	ug/m3	6.1	1.5	1.61		02/23/16 22:56	120-82-1	
1,1,1-Trichloroethane	**<0.40**	ug/m3	1.8	0.40	1.61		02/23/16 22:56	71-55-6	
1,1,2-Trichloroethane	**<0.40**	ug/m3	0.89	0.40	1.61		02/23/16 22:56	79-00-5	
Trichloroethene	**890**	ug/m3	283	142	515.2		02/24/16 21:28	79-01-6	A3
Trichlorofluoromethane	**1.2J**	ug/m3	1.8	0.21	1.61		02/23/16 22:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.48**	ug/m3	2.6	0.48	1.61		02/23/16 22:56	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/m3	1.6	0.20	1.61		02/23/16 22:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.29**	ug/m3	1.6	0.29	1.61		02/23/16 22:56	108-67-8	
Vinyl acetate	**<0.53**	ug/m3	1.2	0.53	1.61		02/23/16 22:56	108-05-4	
Vinyl chloride	**<0.31**	ug/m3	0.42	0.31	1.61		02/23/16 22:56	75-01-4	
m&p-Xylene	**<1.3**	ug/m3	2.8	1.3	1.61		02/23/16 22:56	179601-23-1	
o-Xylene	**<0.57**	ug/m3	1.4	0.57	1.61		02/23/16 22:56	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Sunset
Pace Project No.: 10338811

Sample: VP 147 **Lab ID: 10338811002** Collected: 02/16/16 13:30 Received: 02/17/16 11:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**1400**	ug/m3	10.6	1.5	1.75		02/23/16 23:51	67-64-1	E
Benzene	**0.86**	ug/m3	0.57	0.21	1.75		02/23/16 23:51	71-43-2	
Benzyl chloride	**<0.29**	ug/m3	1.8	0.29	1.75		02/23/16 23:51	100-44-7	
Bromodichloromethane	**<0.34**	ug/m3	2.4	0.34	1.75		02/23/16 23:51	75-27-4	
Bromoform	**<1.6**	ug/m3	3.7	1.6	1.75		02/23/16 23:51	75-25-2	
Bromomethane	**<0.54**	ug/m3	1.4	0.54	1.75		02/23/16 23:51	74-83-9	
1,3-Butadiene	**<0.31**	ug/m3	0.79	0.31	1.75		02/23/16 23:51	106-99-0	
2-Butanone (MEK)	**3.5J**	ug/m3	5.2	0.40	1.75		02/23/16 23:51	78-93-3	
Carbon disulfide	**<0.18**	ug/m3	1.1	0.18	1.75		02/23/16 23:51	75-15-0	
Carbon tetrachloride	**<0.34**	ug/m3	1.1	0.34	1.75		02/23/16 23:51	56-23-5	
Chlorobenzene	**<0.23**	ug/m3	1.6	0.23	1.75		02/23/16 23:51	108-90-7	
Chloroethane	**<0.34**	ug/m3	2.3	0.34	1.75		02/23/16 23:51	75-00-3	
Chloroform	**<0.33**	ug/m3	0.87	0.33	1.75		02/23/16 23:51	67-66-3	
Chloromethane	**<0.19**	ug/m3	0.74	0.19	1.75		02/23/16 23:51	74-87-3	
Cyclohexane	**0.67J**	ug/m3	1.2	0.55	1.75		02/23/16 23:51	110-82-7	
Dibromochloromethane	**<1.5**	ug/m3	3.0	1.5	1.75		02/23/16 23:51	124-48-1	
1,2-Dibromoethane (EDB)	**<1.4**	ug/m3	2.7	1.4	1.75		02/23/16 23:51	106-93-4	
1,2-Dichlorobenzene	**<0.90**	ug/m3	2.1	0.90	1.75		02/23/16 23:51	95-50-1	
1,3-Dichlorobenzene	**<0.93**	ug/m3	2.1	0.93	1.75		02/23/16 23:51	541-73-1	
1,4-Dichlorobenzene	**<0.87**	ug/m3	2.1	0.87	1.75		02/23/16 23:51	106-46-7	
Dichlorodifluoromethane	**2.5**	ug/m3	1.8	0.84	1.75		02/23/16 23:51	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/m3	1.4	0.27	1.75		02/23/16 23:51	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/m3	0.72	0.36	1.75		02/23/16 23:51	107-06-2	
1,1-Dichloroethene	**<0.42**	ug/m3	1.4	0.42	1.75		02/23/16 23:51	75-35-4	
cis-1,2-Dichloroethene	**<0.43**	ug/m3	1.4	0.43	1.75		02/23/16 23:51	156-59-2	
trans-1,2-Dichloroethene	**<0.67**	ug/m3	1.4	0.67	1.75		02/23/16 23:51	156-60-5	
1,2-Dichloropropane	**<0.47**	ug/m3	1.6	0.47	1.75		02/23/16 23:51	78-87-5	
cis-1,3-Dichloropropene	**<0.65**	ug/m3	1.6	0.65	1.75		02/23/16 23:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.46**	ug/m3	4.0	0.46	1.75		02/23/16 23:51	10061-02-6	
Dichlorotetrafluoroethane	**<0.54**	ug/m3	2.5	0.54	1.75		02/23/16 23:51	76-14-2	
Ethanol	**34.8**	ug/m3	8.4	0.46	1.75		02/23/16 23:51	64-17-5	
Ethyl acetate	**1.2J**	ug/m3	1.3	0.61	1.75		02/23/16 23:51	141-78-6	
Ethylbenzene	**<0.74**	ug/m3	1.5	0.74	1.75		02/23/16 23:51	100-41-4	
4-Ethyltoluene	**<0.33**	ug/m3	1.8	0.33	1.75		02/23/16 23:51	622-96-8	
n-Heptane	**<0.49**	ug/m3	1.5	0.49	1.75		02/23/16 23:51	142-82-5	
Hexachloro-1,3-butadiene	**<1.1**	ug/m3	3.8	1.1	1.75		02/23/16 23:51	87-68-3	
n-Hexane	**1.6**	ug/m3	1.3	0.62	1.75		02/23/16 23:51	110-54-3	
2-Hexanone	**1.1J**	ug/m3	7.3	0.72	1.75		02/23/16 23:51	591-78-6	
Methylene Chloride	**83.2**	ug/m3	6.2	0.95	1.75		02/23/16 23:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.38**	ug/m3	7.3	0.38	1.75		02/23/16 23:51	108-10-1	
Methyl-tert-butyl ether	**<0.53**	ug/m3	6.4	0.53	1.75		02/23/16 23:51	1634-04-4	
Naphthalene	**<0.53**	ug/m3	4.7	0.53	1.75		02/23/16 23:51	91-20-3	
2-Propanol	**9.6**	ug/m3	4.4	0.42	1.75		02/23/16 23:51	67-63-0	
Propylene	**455**	ug/m3	0.61	0.24	1.75		02/23/16 23:51	115-07-1	E
Styrene	**<0.34**	ug/m3	1.5	0.34	1.75		02/23/16 23:51	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.58**	ug/m3	1.2	0.58	1.75		02/23/16 23:51	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Sunset
Pace Project No.: 10338811

Sample: VP 147 **Lab ID: 10338811002** Collected: 02/16/16 13:30 Received: 02/17/16 11:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**28.7**	ug/m3	1.2	0.49	1.75		02/23/16 23:51	127-18-4	
Tetrahydrofuran	**<0.21**	ug/m3	1.0	0.21	1.75		02/23/16 23:51	109-99-9	
Toluene	**10.8**	ug/m3	1.3	0.27	1.75		02/23/16 23:51	108-88-3	
1,2,4-Trichlorobenzene	**<1.6**	ug/m3	6.6	1.6	1.75		02/23/16 23:51	120-82-1	
1,1,1-Trichloroethane	**<0.43**	ug/m3	1.9	0.43	1.75		02/23/16 23:51	71-55-6	
1,1,2-Trichloroethane	**<0.43**	ug/m3	0.96	0.43	1.75		02/23/16 23:51	79-00-5	
Trichloroethene	**<0.48**	ug/m3	0.96	0.48	1.75		02/23/16 23:51	79-01-6	
Trichlorofluoromethane	**1.2J**	ug/m3	2.0	0.23	1.75		02/23/16 23:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.53**	ug/m3	2.8	0.53	1.75		02/23/16 23:51	76-13-1	
1,2,4-Trimethylbenzene	**<0.22**	ug/m3	1.7	0.22	1.75		02/23/16 23:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.32**	ug/m3	1.7	0.32	1.75		02/23/16 23:51	108-67-8	
Vinyl acetate	**<0.58**	ug/m3	1.3	0.58	1.75		02/23/16 23:51	108-05-4	
Vinyl chloride	**<0.34**	ug/m3	0.46	0.34	1.75		02/23/16 23:51	75-01-4	
m&p-Xylene	**<1.4**	ug/m3	3.1	1.4	1.75		02/23/16 23:51	179601-23-1	
o-Xylene	**<0.61**	ug/m3	1.5	0.61	1.75		02/23/16 23:51	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Sunset
Pace Project No.: 10338811

QC Batch: AIR/25298
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10338811001, 10338811002

METHOD BLANK: 2197147
Matrix: Air
Associated Lab Samples: 10338811001, 10338811002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	1.1	02/23/16 14:27	
1,1,2,2-Tetrachloroethane	ug/m3	<0.33	0.70	02/23/16 14:27	
1,1,2-Trichloroethane	ug/m3	<0.25	0.55	02/23/16 14:27	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.30	1.6	02/23/16 14:27	
1,1-Dichloroethane	ug/m3	<0.16	0.82	02/23/16 14:27	
1,1-Dichloroethene	ug/m3	<0.24	0.81	02/23/16 14:27	
1,2,4-Trichlorobenzene	ug/m3	<0.91	3.8	02/23/16 14:27	
1,2,4-Trimethylbenzene	ug/m3	<0.12	1.0	02/23/16 14:27	
1,2-Dibromoethane (EDB)	ug/m3	<0.77	1.6	02/23/16 14:27	
1,2-Dichlorobenzene	ug/m3	<0.51	1.2	02/23/16 14:27	
1,2-Dichloroethane	ug/m3	<0.20	0.41	02/23/16 14:27	
1,2-Dichloropropane	ug/m3	<0.27	0.94	02/23/16 14:27	
1,3,5-Trimethylbenzene	ug/m3	<0.18	1.0	02/23/16 14:27	
1,3-Butadiene	ug/m3	<0.18	0.45	02/23/16 14:27	
1,3-Dichlorobenzene	ug/m3	<0.53	1.2	02/23/16 14:27	
1,4-Dichlorobenzene	ug/m3	<0.50	1.2	02/23/16 14:27	
2-Butanone (MEK)	ug/m3	<0.23	3.0	02/23/16 14:27	
2-Hexanone	ug/m3	<0.41	4.2	02/23/16 14:27	
2-Propanol	ug/m3	<0.24	2.5	02/23/16 14:27	
4-Ethyltoluene	ug/m3	<0.19	1.0	02/23/16 14:27	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.22	4.2	02/23/16 14:27	
Acetone	ug/m3	<0.83	6.0	02/23/16 14:27	
Benzene	ug/m3	<0.12	0.32	02/23/16 14:27	
Benzyl chloride	ug/m3	<0.17	1.0	02/23/16 14:27	
Bromodichloromethane	ug/m3	<0.19	1.4	02/23/16 14:27	
Bromoform	ug/m3	<0.90	2.1	02/23/16 14:27	
Bromomethane	ug/m3	<0.31	0.79	02/23/16 14:27	
Carbon disulfide	ug/m3	<0.10	0.63	02/23/16 14:27	
Carbon tetrachloride	ug/m3	<0.19	0.64	02/23/16 14:27	
Chlorobenzene	ug/m3	<0.13	0.94	02/23/16 14:27	
Chloroethane	ug/m3	<0.19	1.3	02/23/16 14:27	
Chloroform	ug/m3	<0.19	0.50	02/23/16 14:27	
Chloromethane	ug/m3	<0.11	0.42	02/23/16 14:27	
cis-1,2-Dichloroethene	ug/m3	<0.25	0.81	02/23/16 14:27	
cis-1,3-Dichloropropene	ug/m3	<0.37	0.92	02/23/16 14:27	
Cyclohexane	ug/m3	<0.32	0.70	02/23/16 14:27	
Dibromochloromethane	ug/m3	<0.86	1.7	02/23/16 14:27	
Dichlorodifluoromethane	ug/m3	<0.48	1.0	02/23/16 14:27	
Dichlorotetrafluoroethane	ug/m3	<0.31	1.4	02/23/16 14:27	
Ethanol	ug/m3	<0.26	4.8	02/23/16 14:27	
Ethyl acetate	ug/m3	<0.35	0.73	02/23/16 14:27	

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: Sunset
Pace Project No.: 10338811

METHOD BLANK: 2197147 Matrix: Air
Associated Lab Samples: 10338811001, 10338811002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.42	0.88	02/23/16 14:27	
Hexachloro-1,3-butadiene	ug/m3	<0.65	2.2	02/23/16 14:27	
m&p-Xylene	ug/m3	<0.79	1.8	02/23/16 14:27	
Methyl-tert-butyl ether	ug/m3	<0.30	3.7	02/23/16 14:27	
Methylene Chloride	ug/m3	<0.54	3.5	02/23/16 14:27	
n-Heptane	ug/m3	<0.28	0.83	02/23/16 14:27	
n-Hexane	ug/m3	<0.36	0.72	02/23/16 14:27	
Naphthalene	ug/m3	<0.30	2.7	02/23/16 14:27	
o-Xylene	ug/m3	<0.35	0.88	02/23/16 14:27	
Propylene	ug/m3	<0.14	0.35	02/23/16 14:27	
Styrene	ug/m3	<0.19	0.87	02/23/16 14:27	
Tetrachloroethene	ug/m3	<0.28	0.69	02/23/16 14:27	
Tetrahydrofuran	ug/m3	<0.12	0.60	02/23/16 14:27	
Toluene	ug/m3	<0.15	0.77	02/23/16 14:27	
trans-1,2-Dichloroethene	ug/m3	<0.38	0.81	02/23/16 14:27	
trans-1,3-Dichloropropene	ug/m3	<0.26	2.3	02/23/16 14:27	
Trichloroethene	ug/m3	<0.28	0.55	02/23/16 14:27	
Trichlorofluoromethane	ug/m3	<0.13	1.1	02/23/16 14:27	
Vinyl acetate	ug/m3	<0.33	0.72	02/23/16 14:27	
Vinyl chloride	ug/m3	<0.20	0.26	02/23/16 14:27	

LABORATORY CONTROL SAMPLE: 2197148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57.7	50.4	87	60-143	
1,1,2,2-Tetrachloroethane	ug/m3	74	71.2	96	49-150	
1,1,2-Trichloroethane	ug/m3	58.8	52.5	89	57-149	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.8	72.0	88	66-131	
1,1-Dichloroethane	ug/m3	43.2	36.5	85	62-139	
1,1-Dichloroethene	ug/m3	42.3	38.4	91	62-135	
1,2,4-Trichlorobenzene	ug/m3	73.9	86.1	117	55-146	
1,2,4-Trimethylbenzene	ug/m3	51.5	52.8	103	57-143	
1,2-Dibromoethane (EDB)	ug/m3	82.8	78.6	95	63-150	
1,2-Dichlorobenzene	ug/m3	62.9	69.8	111	57-141	
1,2-Dichloroethane	ug/m3	43.6	38.9	89	61-144	
1,2-Dichloropropane	ug/m3	50.2	43.2	86	63-144	
1,3,5-Trimethylbenzene	ug/m3	51.5	50.5	98	54-147	
1,3-Butadiene	ug/m3	23.2	20.7	89	61-140	
1,3-Dichlorobenzene	ug/m3	63.6	67.0	105	51-150	
1,4-Dichlorobenzene	ug/m3	61.7	64.5	105	57-143	
2-Butanone (MEK)	ug/m3	32.1	28.3	88	66-144	
2-Hexanone	ug/m3	45	43.3	96	63-147	
2-Propanol	ug/m3	25.7	24.2	94	54-146	
4-Ethyltoluene	ug/m3	49.5	51.3	104	56-150	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Sunset
Pace Project No.: 10338811

LABORATORY CONTROL SAMPLE: 2197148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	43.7	39.8	91	58-150	
Acetone	ug/m3	24.9	22.1	89	46-140	
Benzene	ug/m3	34.4	28.6	83	62-141	
Benzyl chloride	ug/m3	54.7	52.0	95	66-138	
Bromodichloromethane	ug/m3	71.5	62.4	87	58-149	
Bromoform	ug/m3	113	105	93	61-150	
Bromomethane	ug/m3	38.3	35.1	92	58-136	
Carbon disulfide	ug/m3	33.2	28.1	85	59-135	
Carbon tetrachloride	ug/m3	67.1	53.5	80	60-149	
Chlorobenzene	ug/m3	50.1	43.8	87	60-150	
Chloroethane	ug/m3	26	25.6	98	61-136	
Chloroform	ug/m3	51.6	44.5	86	65-138	
Chloromethane	ug/m3	21	19.2	91	62-133	
cis-1,2-Dichloroethene	ug/m3	43.5	39.1	90	65-139	
cis-1,3-Dichloropropene	ug/m3	51.7	46.8	91	61-149	
Cyclohexane	ug/m3	36.7	29.9	81	64-134	
Dibromochloromethane	ug/m3	97	83.0	86	59-150	
Dichlorodifluoromethane	ug/m3	50.3	45.9	91	63-134	
Dichlorotetrafluoroethane	ug/m3	69.6	62.2	89	62-134	
Ethanol	ug/m3	20.3	19.3	95	50-144	
Ethyl acetate	ug/m3	38.1	34.0	89	55-146	
Ethylbenzene	ug/m3	47.2	42.5	90	59-149	
Hexachloro-1,3-butadiene	ug/m3	108	136	126	42-150	
m&p-Xylene	ug/m3	47.7	42.4	89	59-146	
Methyl-tert-butyl ether	ug/m3	38.5	33.3	87	64-135	
Methylene Chloride	ug/m3	38.8	32.0	82	64-128	
n-Heptane	ug/m3	44.2	36.3	82	64-140	
n-Hexane	ug/m3	37.6	22.7	60	50-138	
Naphthalene	ug/m3	55.9	64.7	116	46-146	
o-Xylene	ug/m3	46.8	44.3	95	54-149	
Propylene	ug/m3	18.9	16.0	85	58-135	
Styrene	ug/m3	45.5	44.7	98	54-150	
Tetrachloroethene	ug/m3	72.4	67.3	93	60-142	
Tetrahydrofuran	ug/m3	32.7	26.8	82	56-143	
Toluene	ug/m3	41	35.6	87	61-138	
trans-1,2-Dichloroethene	ug/m3	41.1	38.6	94	67-137	
trans-1,3-Dichloropropene	ug/m3	51.7	40.5	78	59-145	
Trichloroethene	ug/m3	57.4	52.6	92	60-144	
Trichlorofluoromethane	ug/m3	58.2	48.1	83	59-134	
Vinyl acetate	ug/m3	39.7	33.2	83	55-143	
Vinyl chloride	ug/m3	26.5	23.1	87	63-135	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Sunset
Pace Project No.: 10338811

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.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.

Pace Analytical®
www.pacelabs.com

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sunset
Pace Project No.: 10338811

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10338811001	**VP 143**	TO-15	AIR/25298		
10338811002	**VP 147**	TO-15	AIR/25298		

1033881

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

23941

Page: 1 of 1

Section A
Required Client Information:
Company: Endpoint Solutions
Address: 6871 S Lovers Lane
Franklin WI
Email To: tim@endpointcorporation.com
Phone: Fax:
Requested Due Date/TAT: Std

Section B
Required Project Information:
Report To: Tim Petrun
Copy To:
Purchase Order No.:
Project Name: Sunset
Project Number:

Section C
Invoice Information:
Attention:
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

Program: UST / Superfund / Emissions / Clean Air Act / Voluntary Clean Up / Dry Clean / RCRA / Other___

Location of Sampling by State: WI

Reporting Units: ug/m³___ mg/m³___ PPBV___ PPMV___ Other___

Report Level II.___ III.___ IV.___ Other___

Section D Required Client Information

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

Method: PM10, 3C-Fixed Gas (%), TO-3, TO-3M (Methane), TO-4 (PCBs), TO-13 (PAH), TO-14, TO-15, TO15 Short List*

ITEM #	AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method	Pace Lab ID
1	VP 143	6		2/16/16	1248	2/16	1323	28	5	2664		X (TO-15)	001
2	VP 147	6		2/16/16	1256		1330	28	6	2741		X (TO-15)	002
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	2/16/16	1530	FedEx	2/16/16	
			[signature] Pace	2/17/16	1120

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
AMB	N	N	Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 29June2015 Page 1 of 1
	Document No.: F-MN-A-106-rev.10	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Endpoint Solutions

Project #: WO#: 10338811

10338811

Courier: ☒ Fed Ex ☐ UPS ☐ Speedee ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 6637 5035 1232

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 ☐ B88A9132521491 ☐ 72337080 ☐ 80512447

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 02/17/16

Type of ice Received ☐ Blue ☐ Wet ☒ None

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

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID
VP 143	2664	0588			
VP 147	2741	0987			

CLIENT NOTIFICATION/RESOLUTION Field Data Required? ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 2/17/16

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)

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 *09-May-16*

Project Name SCHERF PROPERTIES **Invoice #** E30969
Project # 403-001-002

Lab Code 5030969A
Sample ID MW-4 2-4'
Sample Matrix Soil
Sample Date 5/2/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.2	%			1	5021		5/4/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B	5/6/2016	5/6/2016	MJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B	5/6/2016	5/6/2016	MJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B	5/6/2016	5/6/2016	MJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B	5/6/2016	5/6/2016	MJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B	5/6/2016	5/6/2016	MJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B	5/6/2016	5/6/2016	MJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B	5/6/2016	5/6/2016	MJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B	5/6/2016	5/6/2016	MJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B	5/6/2016	5/6/2016	MJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B	5/6/2016	5/6/2016	MJR	1

Project Name SCHERF PROPERTIES
Project # 403-001-002

Invoice # E30969

Lab Code 5030969A
Sample ID MW-4 2-4'
Sample Matrix Soil
Sample Date 5/2/2016

	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	5/6/2016	5/6/2016	MJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B	5/6/2016	5/6/2016	MJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B	5/6/2016	5/6/2016	MJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B	5/6/2016	5/6/2016	MJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B	5/6/2016	5/6/2016	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B	5/6/2016	5/6/2016	MJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B	5/6/2016	5/6/2016	MJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B	5/6/2016	5/6/2016	MJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B	5/6/2016	5/6/2016	MJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B	5/6/2016	5/6/2016	MJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B	5/6/2016	5/6/2016	MJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B	5/6/2016	5/6/2016	MJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - Toluene-d8	101	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1

Project Name SCHERF PROPERTIES **Invoice #** E30969
Project # 403-001-002

Lab Code 5030969B
Sample ID MW-4 6-8'
Sample Matrix Soil
Sample Date 5/2/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.8	%			1	5021		5/4/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B	5/6/2016	5/6/2016	MJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B	5/6/2016	5/6/2016	MJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B	5/6/2016	5/6/2016	MJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B	5/6/2016	5/6/2016	MJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B	5/6/2016	5/6/2016	MJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B	5/6/2016	5/6/2016	MJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B	5/6/2016	5/6/2016	MJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B	5/6/2016	5/6/2016	MJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B	5/6/2016	5/6/2016	MJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B	5/6/2016	5/6/2016	MJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B	5/6/2016	5/6/2016	MJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B	5/6/2016	5/6/2016	MJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B	5/6/2016	5/6/2016	MJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B	5/6/2016	5/6/2016	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B	5/6/2016	5/6/2016	MJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B	5/6/2016	5/6/2016	MJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B	5/6/2016	5/6/2016	MJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B	5/6/2016	5/6/2016	MJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B	5/6/2016	5/6/2016	MJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B	5/6/2016	5/6/2016	MJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B	5/6/2016	5/6/2016	MJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B	5/6/2016	5/6/2016	MJR	1

Project Name SCHERF PROPERTIES
Project # 403-001-002

Invoice # E30969

Lab Code 5030969B
Sample ID MW-4 6-8'
Sample Matrix Soil
Sample Date 5/2/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	87	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - 4-Bromofluorobenzene	97	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - Toluene-d8	102	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1

Project Name SCHERF PROPERTIES **Invoice #** E30969
Project # 403-001-002

Lab Code 5030969C
Sample ID MW-5 2-4'
Sample Matrix Soil
Sample Date 5/2/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.3	%			1	5021		5/4/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B	5/6/2016	5/6/2016	MJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B	5/6/2016	5/6/2016	MJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B	5/6/2016	5/6/2016	MJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B	5/6/2016	5/6/2016	MJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B	5/6/2016	5/6/2016	MJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B	5/6/2016	5/6/2016	MJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B	5/6/2016	5/6/2016	MJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B	5/6/2016	5/6/2016	MJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B	5/6/2016	5/6/2016	MJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B	5/6/2016	5/6/2016	MJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B	5/6/2016	5/6/2016	MJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B	5/6/2016	5/6/2016	MJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B	5/6/2016	5/6/2016	MJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B	5/6/2016	5/6/2016	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B	5/6/2016	5/6/2016	MJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B	5/6/2016	5/6/2016	MJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B	5/6/2016	5/6/2016	MJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B	5/6/2016	5/6/2016	MJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B	5/6/2016	5/6/2016	MJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B	5/6/2016	5/6/2016	MJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B	5/6/2016	5/6/2016	MJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B	5/6/2016	5/6/2016	MJR	1

Project Name SCHERF PROPERTIES
Project # 403-001-002

Invoice # E30969

Lab Code 5030969C
Sample ID MW-5 2-4'
Sample Matrix Soil
Sample Date 5/2/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	96	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - 1,2-Dichloroethane-d4	114	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - 4-Bromofluorobenzene	103	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - Dibromofluoromethane	89	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1

Project Name SCHERF PROPERTIES **Invoice #** E30969
Project # 403-001-002

Lab Code 5030969D
Sample ID MW-5 6-8'
Sample Matrix Soil
Sample Date 5/2/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.3	%			1	5021		5/4/2016	NJC	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B	5/6/2016	5/6/2016	MJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B	5/6/2016	5/6/2016	MJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B	5/6/2016	5/6/2016	MJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B	5/6/2016	5/6/2016	MJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B	5/6/2016	5/6/2016	MJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B	5/6/2016	5/6/2016	MJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B	5/6/2016	5/6/2016	MJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B	5/6/2016	5/6/2016	MJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B	5/6/2016	5/6/2016	MJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B	5/6/2016	5/6/2016	MJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B	5/6/2016	5/6/2016	MJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B	5/6/2016	5/6/2016	MJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B	5/6/2016	5/6/2016	MJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B	5/6/2016	5/6/2016	MJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B	5/6/2016	5/6/2016	MJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B	5/6/2016	5/6/2016	MJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B	5/6/2016	5/6/2016	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B	5/6/2016	5/6/2016	MJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B	5/6/2016	5/6/2016	MJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B	5/6/2016	5/6/2016	MJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B	5/6/2016	5/6/2016	MJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B	5/6/2016	5/6/2016	MJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	5/6/2016	5/6/2016	MJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B	5/6/2016	5/6/2016	MJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B	5/6/2016	5/6/2016	MJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B	5/6/2016	5/6/2016	MJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B	5/6/2016	5/6/2016	MJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B	5/6/2016	5/6/2016	MJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B	5/6/2016	5/6/2016	MJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B	5/6/2016	5/6/2016	MJR	1

Project Name SCHERF PROPERTIES **Invoice #** E30969
Project # 403-001-002

Lab Code 5030969D
Sample ID MW-5 6-8'
Sample Matrix Soil
Sample Date 5/2/2016

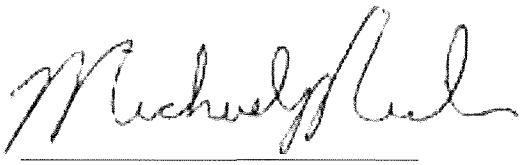
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	101	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - 1,2-Dichloroethane-d4	121	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - 4-Bromofluorobenzene	107	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B	5/6/2016	5/6/2016	MJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

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

Authorized Signature



CHAIN OF STODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # 2816

Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.:
Project #:	403-001-002
Sampler: (signature)	Tim Pethick
Project (Name / Location):	Sckerf Properties
Reports To:	Tim Pethick
Company	Endpoint Solutions
Address	6871 S Lovers Lane
City State Zip	Franklin WI
Phone	414 858 1210
FAX	

Invoice To:	
Company	
Address	
City State Zip	
Phone	
FAX	

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
5030969A	MW-4 2-4'	5/2	1100		X	N	1	S	meoh
B	MW-4 6-8'		1115		X	N	1	S	meoh
C	MW-5 2-4'		1200		X	N	1	S	meoh
D	MW-5 6-8'	↓	1215		X	N	1	S	meoh

Analysis Requested / Other Analysis

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS							PID/ FID
												X								
												X								
												X								
												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: Sm
Temp. of Temp. Blank ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Tim Pethick	11:00	5/3/16		11:06	5/3/16

Received in Laboratory By: Time: 9:00 Date: 5/4/16

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 *18-May-16*

Project Name SCKERF
Project # 403-001-002
Invoice # E30998

Lab Code 5030998A
Sample ID MW-1
Sample Matrix Water
Sample Date 5/5/2016

	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		5/16/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		5/16/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		5/16/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/16/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		5/16/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		5/16/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		5/16/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		5/16/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		5/16/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		5/16/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		5/16/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		5/16/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		5/16/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		5/16/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		5/16/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		5/16/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/16/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		5/16/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		5/16/2016	CJR	1

Project Name SCKERF
Project # 403-001-002

Invoice # E30998

Lab Code 5030998A
Sample ID MW-1
Sample Matrix Water
Sample Date 5/5/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		5/16/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		5/16/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		5/16/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		5/16/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		5/16/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		5/16/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Tetrachloroethene	22.4	ug/l	0.49	1.5	1	8260B		5/16/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		5/16/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		5/16/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		5/16/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		5/16/2016	CJR	1
Trichloroethene (TCE)	2.59	ug/l	0.47	1.5	1	8260B		5/16/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		5/16/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		5/16/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		5/16/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		5/16/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		5/16/2016	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		5/16/2016	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		5/16/2016	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		5/16/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	106	REC %			1	8260B		5/16/2016	CJR	1

Project Name SCKERF
Project # 403-001-002

Invoice # E30998

Lab Code 5030998B
Sample ID MW-2
Sample Matrix Water
Sample Date 5/5/2016

	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		5/16/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		5/16/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		5/16/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/16/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		5/16/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		5/16/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		5/16/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		5/16/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		5/16/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		5/16/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		5/16/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		5/16/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		5/16/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		5/16/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		5/16/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		5/16/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/16/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		5/16/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		5/16/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		5/16/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		5/16/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		5/16/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		5/16/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		5/16/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		5/16/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Tetrachloroethene	1.68	ug/l	0.49	1.5	1	8260B		5/16/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		5/16/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		5/16/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		5/16/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		5/16/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/16/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		5/16/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		5/16/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		5/16/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		5/16/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		5/16/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	107	REC %			1	8260B		5/16/2016	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B		5/16/2016	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		5/16/2016	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		5/16/2016	CJR	1

Project Name SCKERF
Project # 403-001-002

Invoice # E30998

Lab Code 5030998C
Sample ID MW-3
Sample Matrix Water
Sample Date 5/5/2016

	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		5/16/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		5/16/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		5/16/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/16/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		5/16/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		5/16/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		5/16/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		5/16/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		5/16/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		5/16/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		5/16/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		5/16/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		5/16/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		5/16/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		5/16/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		5/16/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/16/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		5/16/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		5/16/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		5/16/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		5/16/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		5/16/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		5/16/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		5/16/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		5/16/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Tetrachloroethene	3.9	ug/l	0.49	1.5	1	8260B		5/16/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		5/16/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		5/16/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		5/16/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		5/16/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/16/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		5/16/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		5/16/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		5/16/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		5/16/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		5/16/2016	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		5/16/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		5/16/2016	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		5/16/2016	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		5/16/2016	CJR	1

Project Name SCKERF
Project # 403-001-002

Invoice # E30998

Lab Code 5030998D
Sample ID MW-4
Sample Matrix Water
Sample Date 5/5/2016

	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		5/16/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		5/16/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		5/16/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/16/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		5/16/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		5/16/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		5/16/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		5/16/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		5/16/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		5/16/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		5/16/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		5/16/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		5/16/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		5/16/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		5/16/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		5/16/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/16/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		5/16/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		5/16/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		5/16/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		5/16/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		5/16/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		5/16/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		5/16/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		5/16/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Tetrachloroethene	7.2	ug/l	0.49	1.5	1	8260B		5/16/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		5/16/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		5/16/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		5/16/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		5/16/2016	CJR	1
Trichloroethene (TCE)	0.80 "J"	ug/l	0.47	1.5	1	8260B		5/16/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		5/16/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		5/16/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		5/16/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		5/16/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		5/16/2016	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		5/16/2016	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		5/16/2016	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		5/16/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B		5/16/2016	CJR	1

Project Name SCKERF
Project # 403-001-002

Invoice # E30998

Lab Code 5030998E
Sample ID MW-5
Sample Matrix Water
Sample Date 5/5/2016

	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		5/16/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		5/16/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		5/16/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/16/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		5/16/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		5/16/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		5/16/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		5/16/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		5/16/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		5/16/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		5/16/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		5/16/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		5/16/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		5/16/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		5/16/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		5/16/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/16/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		5/16/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		5/16/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		5/16/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		5/16/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		5/16/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		5/16/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		5/16/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		5/16/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Tetrachloroethene	0.95 "J"	ug/l	0.49	1.5	1	8260B		5/16/2016	CJR	1
Toluene	0.44 "J"	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		5/16/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		5/16/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		5/16/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		5/16/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/16/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		5/16/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		5/16/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		5/16/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		5/16/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		5/16/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		5/16/2016	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		5/16/2016	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		5/16/2016	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		5/16/2016	CJR	1

Project Name SCKERF
Project # 403-001-002

Invoice # E30998

Lab Code 5030998F
Sample ID PZ-1
Sample Matrix Water
Sample Date 5/5/2016

	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		5/16/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		5/16/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		5/16/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		5/16/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		5/16/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		5/16/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		5/16/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		5/16/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		5/16/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		5/16/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		5/16/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		5/16/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		5/16/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		5/16/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		5/16/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		5/16/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		5/16/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		5/16/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		5/16/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		5/16/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		5/16/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		5/16/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		5/16/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		5/16/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		5/16/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		5/16/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		5/16/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		5/16/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		5/16/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		5/16/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		5/16/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		5/16/2016	CJR	1
Toluene	0.48 "J"	ug/l	0.44	1.4	1	8260B		5/16/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		5/16/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		5/16/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		5/16/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		5/16/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		5/16/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		5/16/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		5/16/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		5/16/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		5/16/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		5/16/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		5/16/2016	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		5/16/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	111	REC %			1	8260B		5/16/2016	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		5/16/2016	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		5/16/2016	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

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

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # No 2720

Page 1 of 1

Sample Handling Request
_____ Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #			
Account No. :	Quote No.:		
Project #: 403-001-002			
Sampler: (signature) Tim Petrich			
Project (Name / Location): Scherf Properties			
Reports To: Tim Petrick		Invoice To:	
Company Endpoint Solutions		Company	
Address 6871 S. Lovers Lane		Address	
City State Zip Franklin WI		City State Zip	
Phone 414 858 1210		Phone	
FAX		FAX	

Lab I.D.	Sample I.D.	Collection Date	Collection Time	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)	8-RCRA METALS	PID/ FID
1-309985	MW-1	5/5/16	945		X	N	3	GW	HCl													X		
D	MW-2		1005																					
C	MW-3		1030																					
D	MW-4		1015																					
E	MW-5		1000																					
F	P2-1		1030																					

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: STAT COURIER
Temp. of Temp. Blank ____ °C On Ice X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Tim Petrick	1005	5/6/16		10:55	5/6/16

Received in Laboratory By: [signature] Time: 8:30 AM Date: 5-7-16

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www.pacelabs.com

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

May 10, 2016

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

RE: Project: VP-141
Pace Project No.: 10347316

Dear Tim Petrick:
Enclosed are the analytical results for sample(s) received by the laboratory on May 05, 2016. 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

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

CERTIFICATIONS

Project: VP-141
Pace Project No.: 10347316

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
525 N 8th Street, Salina, KS 67401
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 - WW #: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
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

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

SAMPLE SUMMARY

Project: VP-141
Pace Project No.: 10347316

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10347316001	**VP-141**	Air	05/03/16 13:20	05/05/16 14:45

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

SAMPLE ANALYTE COUNT

Project: VP-141
Pace Project No.: 10347316

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10347316001	**VP-141**	TO-15	MJL, MLS	64	PASI-M

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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: VP-141
Pace Project No.: 10347316

Sample: VP-141 **Lab ID: 10347316001** Collected: 05/03/16 13:20 Received: 05/05/16 14:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**<29.2**	ug/m3	84.5	29.2	35		05/09/16 19:21	67-64-1	
Benzene	**<4.3**	ug/m3	11.4	4.3	35		05/09/16 19:21	71-43-2	
Benzyl chloride	**<5.8**	ug/m3	92.1	5.8	35		05/09/16 19:21	100-44-7	
Bromodichloromethane	**<6.8**	ug/m3	119	6.8	35		05/09/16 19:21	75-27-4	
Bromoform	**<31.5**	ug/m3	73.5	31.5	35		05/09/16 19:21	75-25-2	
Bromomethane	**<10.8**	ug/m3	27.6	10.8	35		05/09/16 19:21	74-83-9	
1,3-Butadiene	**<6.2**	ug/m3	15.8	6.2	35		05/09/16 19:21	106-99-0	
2-Butanone (MEK)	**23.3J**	ug/m3	105	8.0	35		05/09/16 19:21	78-93-3	
Carbon disulfide	**<3.5**	ug/m3	22.0	3.5	35		05/09/16 19:21	75-15-0	
Carbon tetrachloride	**<6.8**	ug/m3	44.8	6.8	35		05/09/16 19:21	56-23-5	
Chlorobenzene	**<4.7**	ug/m3	81.9	4.7	35		05/09/16 19:21	108-90-7	
Chloroethane	**<6.8**	ug/m3	18.9	6.8	35		05/09/16 19:21	75-00-3	
Chloroform	**<6.6**	ug/m3	17.4	6.6	35		05/09/16 19:21	67-66-3	
Chloromethane	**<3.8**	ug/m3	14.7	3.8	35		05/09/16 19:21	74-87-3	
Cyclohexane	**16.7J**	ug/m3	24.5	11.1	35		05/09/16 19:21	110-82-7	
Dibromochloromethane	**<30.0**	ug/m3	60.6	30.0	35		05/09/16 19:21	124-48-1	
1,2-Dibromoethane (EDB)	**<27.1**	ug/m3	54.6	27.1	35		05/09/16 19:21	106-93-4	
1,2-Dichlorobenzene	**<17.9**	ug/m3	42.7	17.9	35		05/09/16 19:21	95-50-1	
1,3-Dichlorobenzene	**<18.6**	ug/m3	42.7	18.6	35		05/09/16 19:21	541-73-1	
1,4-Dichlorobenzene	**<17.5**	ug/m3	42.7	17.5	35		05/09/16 19:21	106-46-7	
Dichlorodifluoromethane	**50.0**	ug/m3	35.4	16.8	35		05/09/16 19:21	75-71-8	
1,1-Dichloroethane	**<5.5**	ug/m3	28.7	5.5	35		05/09/16 19:21	75-34-3	
1,2-Dichloroethane	**<7.2**	ug/m3	14.4	7.2	35		05/09/16 19:21	107-06-2	
1,1-Dichloroethene	**<8.3**	ug/m3	28.4	8.3	35		05/09/16 19:21	75-35-4	
cis-1,2-Dichloroethene	**<8.6**	ug/m3	28.4	8.6	35		05/09/16 19:21	156-59-2	
trans-1,2-Dichloroethene	**<13.4**	ug/m3	28.4	13.4	35		05/09/16 19:21	156-60-5	
1,2-Dichloropropane	**<9.4**	ug/m3	32.9	9.4	35		05/09/16 19:21	78-87-5	
cis-1,3-Dichloropropene	**<12.9**	ug/m3	80.7	12.9	35		05/09/16 19:21	10061-01-5	
trans-1,3-Dichloropropene	**<9.1**	ug/m3	80.7	9.1	35		05/09/16 19:21	10061-02-6	
Dichlorotetrafluoroethane	**<10.8**	ug/m3	49.7	10.8	35		05/09/16 19:21	76-14-2	
Ethanol	**26.5J**	ug/m3	67.0	9.3	35		05/09/16 19:21	64-17-5	
Ethyl acetate	**<12.2**	ug/m3	25.6	12.2	35		05/09/16 19:21	141-78-6	
Ethylbenzene	**33.1J**	ug/m3	77.2	14.9	35		05/09/16 19:21	100-41-4	
4-Ethyltoluene	**44.4J**	ug/m3	87.4	6.6	35		05/09/16 19:21	622-96-8	
n-Heptane	**18.6J**	ug/m3	29.0	9.8	35		05/09/16 19:21	142-82-5	
Hexachloro-1,3-butadiene	**<22.8**	ug/m3	190	22.8	35		05/09/16 19:21	87-68-3	
n-Hexane	**23.6J**	ug/m3	25.2	12.5	35		05/09/16 19:21	110-54-3	
2-Hexanone	**115J**	ug/m3	146	14.4	35		05/09/16 19:21	591-78-6	
Methylene Chloride	**<19.0**	ug/m3	124	19.0	35		05/09/16 19:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**106J**	ug/m3	146	7.6	35		05/09/16 19:21	108-10-1	
Methyl-tert-butyl ether	**<10.6**	ug/m3	128	10.6	35		05/09/16 19:21	1634-04-4	
Naphthalene	**120**	ug/m3	93.1	10.7	35		05/09/16 19:21	91-20-3	
2-Propanol	**<8.4**	ug/m3	219	8.4	35		05/09/16 19:21	67-63-0	
Propylene	**<4.7**	ug/m3	12.2	4.7	35		05/09/16 19:21	115-07-1	
Styrene	**<6.8**	ug/m3	75.8	6.8	35		05/09/16 19:21	100-42-5	
1,1,2,2-Tetrachloroethane	**<11.5**	ug/m3	24.4	11.5	35		05/09/16 19:21	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: VP-141
Pace Project No.: 10347316

Sample: VP-141 **Lab ID: 10347316001** Collected: 05/03/16 13:20 Received: 05/05/16 14:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**1940**	ug/m3	24.1	9.7	35		05/09/16 19:21	127-18-4	
Tetrahydrofuran	**<4.2**	ug/m3	21.0	4.2	35		05/09/16 19:21	109-99-9	
Toluene	**21.2J**	ug/m3	27.0	5.4	35		05/09/16 19:21	108-88-3	
1,2,4-Trichlorobenzene	**<31.8**	ug/m3	132	31.8	35		05/09/16 19:21	120-82-1	
1,1,1-Trichloroethane	**<8.6**	ug/m3	38.8	8.6	35		05/09/16 19:21	71-55-6	
1,1,2-Trichloroethane	**<8.6**	ug/m3	38.8	8.6	35		05/09/16 19:21	79-00-5	
Trichloroethene	**23.1**	ug/m3	19.2	9.7	35		05/10/16 15:23	79-01-6	
Trichlorofluoromethane	**<4.6**	ug/m3	39.9	4.6	35		05/09/16 19:21	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<10.5**	ug/m3	56.0	10.5	35		05/09/16 19:21	76-13-1	
1,2,4-Trimethylbenzene	**51.4J**	ug/m3	87.4	4.4	35		05/09/16 19:21	95-63-6	
1,3,5-Trimethylbenzene	**44.1J**	ug/m3	87.4	6.4	35		05/09/16 19:21	108-67-8	
Vinyl acetate	**<11.6**	ug/m3	62.6	11.6	35		05/09/16 19:21	108-05-4	
Vinyl chloride	**<6.8**	ug/m3	9.1	6.8	35		05/09/16 19:21	75-01-4	
m&p-Xylene	**68.1J**	ug/m3	154	27.5	35		05/09/16 19:21	179601-23-1	
o-Xylene	**33.1**	ug/m3	30.8	12.3	35		05/09/16 19:21	95-47-6	
Surrogates									
Toluene-d8 (S)	454	%.	75-125		35		05/10/16 15:23	2037-26-5	
1,4-Dichlorobenzene-d4 (S)	325	%.	59-125		35		05/10/16 15:23	3855-82-1	
Hexane-d14 (S)	468	%.	75-125		35		05/10/16 15:23	21666-38-6	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: VP-141
Pace Project No.: 10347316

QC Batch: AIR/25879
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10347316001

METHOD BLANK: 2253549
Matrix: Air
Associated Lab Samples: 10347316001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	1.1	05/09/16 10:39	
1,1,2,2-Tetrachloroethane	ug/m3	<0.33	0.70	05/09/16 10:39	
1,1,2-Trichloroethane	ug/m3	<0.25	1.1	05/09/16 10:39	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.30	1.6	05/09/16 10:39	
1,1-Dichloroethane	ug/m3	<0.16	0.82	05/09/16 10:39	
1,1-Dichloroethene	ug/m3	<0.24	0.81	05/09/16 10:39	
1,2,4-Trichlorobenzene	ug/m3	<0.91	3.8	05/09/16 10:39	
1,2,4-Trimethylbenzene	ug/m3	<0.12	2.5	05/09/16 10:39	
1,2-Dibromoethane (EDB)	ug/m3	<0.77	1.6	05/09/16 10:39	
1,2-Dichlorobenzene	ug/m3	<0.51	1.2	05/09/16 10:39	
1,2-Dichloroethane	ug/m3	<0.20	0.41	05/09/16 10:39	
1,2-Dichloropropane	ug/m3	<0.27	0.94	05/09/16 10:39	
1,3,5-Trimethylbenzene	ug/m3	<0.18	2.5	05/09/16 10:39	
1,3-Butadiene	ug/m3	<0.18	0.45	05/09/16 10:39	
1,3-Dichlorobenzene	ug/m3	<0.53	1.2	05/09/16 10:39	
1,4-Dichlorobenzene	ug/m3	<0.50	1.2	05/09/16 10:39	
2-Butanone (MEK)	ug/m3	<0.23	3.0	05/09/16 10:39	
2-Hexanone	ug/m3	<0.41	4.2	05/09/16 10:39	
2-Propanol	ug/m3	<0.24	6.2	05/09/16 10:39	
4-Ethyltoluene	ug/m3	<0.19	2.5	05/09/16 10:39	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.22	4.2	05/09/16 10:39	
Acetone	ug/m3	<0.83	2.4	05/09/16 10:39	
Benzene	ug/m3	<0.12	0.32	05/09/16 10:39	
Benzyl chloride	ug/m3	<0.17	2.6	05/09/16 10:39	
Bromodichloromethane	ug/m3	<0.19	3.4	05/09/16 10:39	
Bromoform	ug/m3	<0.90	2.1	05/09/16 10:39	
Bromomethane	ug/m3	<0.31	0.79	05/09/16 10:39	
Carbon disulfide	ug/m3	<0.10	0.63	05/09/16 10:39	
Carbon tetrachloride	ug/m3	<0.19	1.3	05/09/16 10:39	
Chlorobenzene	ug/m3	<0.13	2.3	05/09/16 10:39	
Chloroethane	ug/m3	<0.19	0.54	05/09/16 10:39	
Chloroform	ug/m3	<0.19	0.50	05/09/16 10:39	
Chloromethane	ug/m3	<0.11	0.42	05/09/16 10:39	
cis-1,2-Dichloroethene	ug/m3	<0.25	0.81	05/09/16 10:39	
cis-1,3-Dichloropropene	ug/m3	<0.37	2.3	05/09/16 10:39	
Cyclohexane	ug/m3	<0.32	0.70	05/09/16 10:39	
Dibromochloromethane	ug/m3	<0.86	1.7	05/09/16 10:39	
Dichlorodifluoromethane	ug/m3	<0.48	1.0	05/09/16 10:39	
Dichlorotetrafluoroethane	ug/m3	<0.31	1.4	05/09/16 10:39	
Ethanol	ug/m3	<0.26	1.9	05/09/16 10:39	
Ethyl acetate	ug/m3	<0.35	0.73	05/09/16 10:39	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: VP-141
Pace Project No.: 10347316

METHOD BLANK: 2253549 Matrix: Air
Associated Lab Samples: 10347316001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.42	2.2	05/09/16 10:39	
Hexachloro-1,3-butadiene	ug/m3	<0.65	5.4	05/09/16 10:39	
m&p-Xylene	ug/m3	<0.79	4.4	05/09/16 10:39	
Methyl-tert-butyl ether	ug/m3	<0.30	3.7	05/09/16 10:39	
Methylene Chloride	ug/m3	<0.54	3.5	05/09/16 10:39	
n-Heptane	ug/m3	<0.28	0.83	05/09/16 10:39	
n-Hexane	ug/m3	<0.36	0.72	05/09/16 10:39	
Naphthalene	ug/m3	<0.30	2.7	05/09/16 10:39	
o-Xylene	ug/m3	<0.35	0.88	05/09/16 10:39	
Propylene	ug/m3	<0.14	0.35	05/09/16 10:39	
Styrene	ug/m3	<0.19	2.2	05/09/16 10:39	
Tetrachloroethene	ug/m3	<0.28	0.69	05/09/16 10:39	
Tetrahydrofuran	ug/m3	<0.12	0.60	05/09/16 10:39	
Toluene	ug/m3	<0.15	0.77	05/09/16 10:39	
trans-1,2-Dichloroethene	ug/m3	<0.38	0.81	05/09/16 10:39	
trans-1,3-Dichloropropene	ug/m3	<0.26	2.3	05/09/16 10:39	
Trichloroethene	ug/m3	<0.28	0.55	05/09/16 10:39	
Trichlorofluoromethane	ug/m3	<0.13	1.1	05/09/16 10:39	
Vinyl acetate	ug/m3	<0.33	1.8	05/09/16 10:39	
Vinyl chloride	ug/m3	<0.20	0.26	05/09/16 10:39	

LABORATORY CONTROL SAMPLE: 2253550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	67.2	121	60-143	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	80.9	116	49-150	
1,1,2-Trichloroethane	ug/m3	55.5	60.1	108	57-149	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	82.3	106	66-131	
1,1-Dichloroethane	ug/m3	41.2	48.6	118	62-139	
1,1-Dichloroethene	ug/m3	40.3	45.3	112	62-135	
1,2,4-Trichlorobenzene	ug/m3	75.5	75.9	101	55-146	SS
1,2,4-Trimethylbenzene	ug/m3	50	55.4	111	57-143	
1,2-Dibromoethane (EDB)	ug/m3	78.1	84.3	108	63-150	
1,2-Dichlorobenzene	ug/m3	61.2	70.4	115	57-141	
1,2-Dichloroethane	ug/m3	41.2	51.0	124	61-144	
1,2-Dichloropropane	ug/m3	47	58.6	125	63-144	
1,3,5-Trimethylbenzene	ug/m3	50	55.0	110	54-147	
1,3-Butadiene	ug/m3	22.5	25.8	115	61-140	
1,3-Dichlorobenzene	ug/m3	61.2	72.7	119	51-150	
1,4-Dichlorobenzene	ug/m3	61.2	72.2	118	57-143	
2-Butanone (MEK)	ug/m3	150	185	123	66-144	
2-Hexanone	ug/m3	208	212	102	63-147	
2-Propanol	ug/m3	125	131	105	54-146	
4-Ethyltoluene	ug/m3	50	53.6	107	56-150	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: VP-141
Pace Project No.: 10347316

LABORATORY CONTROL SAMPLE: 2253550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	208	214	103	58-150	
Acetone	ug/m3	121	125	104	46-140	
Benzene	ug/m3	32.5	40.0	123	62-141	
Benzyl chloride	ug/m3	52.5	58.8	112	66-138	
Bromodichloromethane	ug/m3	68.2	70.9	104	58-149	
Bromoform	ug/m3	105	119	113	61-150	
Bromomethane	ug/m3	39.5	46.6	118	58-136	
Carbon disulfide	ug/m3	31.7	37.4	118	59-135	
Carbon tetrachloride	ug/m3	64	67.7	106	60-149	
Chlorobenzene	ug/m3	46.8	49.9	107	60-150	
Chloroethane	ug/m3	26.8	32.3	120	61-136	
Chloroform	ug/m3	49.7	58.4	118	65-138	
Chloromethane	ug/m3	21	24.4	116	62-133	
cis-1,2-Dichloroethene	ug/m3	40.3	47.6	118	65-139	
cis-1,3-Dichloropropene	ug/m3	46.2	45.8	99	61-149	
Cyclohexane	ug/m3	35	41.1	117	64-134	
Dibromochloromethane	ug/m3	86.6	97.2	112	59-150	
Dichlorodifluoromethane	ug/m3	50.3	59.7	119	63-134	
Dichlorotetrafluoroethane	ug/m3	71.1	85.3	120	62-134	
Ethanol	ug/m3	95.8	107	112	50-144	
Ethyl acetate	ug/m3	36.6	44.8	122	55-146	
Ethylbenzene	ug/m3	44.2	46.0	104	59-149	
Hexachloro-1,3-butadiene	ug/m3	108	108	99	42-150	SS
m&p-Xylene	ug/m3	88.3	91.4	104	59-146	
Methyl-tert-butyl ether	ug/m3	183	193	105	64-135	
Methylene Chloride	ug/m3	177	195	110	64-128	
n-Heptane	ug/m3	41.7	48.0	115	64-140	
n-Hexane	ug/m3	35.8	35.7	100	50-138	
Naphthalene	ug/m3	53.3	42.9	80	46-146	
o-Xylene	ug/m3	44.2	47.9	109	54-149	
Propylene	ug/m3	17.5	19.0	109	58-135	
Styrene	ug/m3	43.3	46.8	108	54-150	
Tetrachloroethene	ug/m3	69	79.2	115	60-142	
Tetrahydrofuran	ug/m3	30	36.1	120	56-143	
Toluene	ug/m3	38.3	49.7	130	61-138	
trans-1,2-Dichloroethene	ug/m3	40.3	49.1	122	67-137	
trans-1,3-Dichloropropene	ug/m3	46.2	45.4	98	59-145	
Trichloroethene	ug/m3	54.6	68.7	126	60-144	
Trichlorofluoromethane	ug/m3	57.1	67.9	119	59-134	
Vinyl acetate	ug/m3	35.8	36.8	103	55-143	
Vinyl chloride	ug/m3	26	31.2	120	63-135	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: VP-141
Pace Project No.: 10347316

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

SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: VP-141
Pace Project No.: 10347316

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10347316001	**VP-141**	TO-15	AIR/25879		

10347316

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

24789

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Endpoint Solutions	Report To: Tim Petrich	Attention: Tim Petrich
Address: 6871 S Lovers Lane Franklin WI	Copy To:	Company Name: Endpoint Solutions
Email To: tim@endpointsolutions	Purchase Order No.:	Address: 6871 S. Lovers Lane
Phone: 414 858 1210 Fax:	Project Name:	Pace Quote Reference:
Requested Due Date/TAT:	Project Number:	Pace Project Manager/Sales Rep.
		Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: WI

Reporting Units: ug/m³ ☒ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level: II. ___ III. ___ IV. ___ Other ___

Method: PM10 | 3C: Fixed Gas (%) | TO-3 | TO-3M (Methane) | TO-4 (PCBs) | TO-13 (PAH) | TO-14 | TO-15 | TO15 Short List*

ITEM #	'Section D Required Client Information AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Pace Lab ID
1	141 Sunset			5/3	1250	5/3	1320	27	8	1284	2853	001
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Tim Petrich	5/3/16	1400	FedEx	5/3/16	1400	
			Matt Fry / Pace	5-5-16	1445	Amb

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tim Petrich

SIGNATURE of SAMPLER: Tim Petrich DATE Signed (MM/DD/YY): 5/3/16

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 26APR2016 Page 1 of 1
	Document No.: F-MN-A-106-rev.11	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Endpoint Solutions

Project #: WO#: 10347316

Courier: ☑ Fed Ex ☐ UPS ☐ Speedee ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 6637 5036 5490

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): — Corrected Temp (°C): — Thermom. Used: ☐ B88A912167504 ☐ B88A0143310098 ☐ 151401163 ☐ 151401164

Temp should be above freezing to 6°C Correction Factor: — Date & Initials of Person Examining Contents: 5-5-16 MJ

Type of Ice Received ☐ Blue ☐ Wet ☒ None

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

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID

CLIENT NOTIFICATION/RESOLUTION Field Data Required? ☐ Yes ☐ No

Person Contacted: Tim P. Date/Time: 05/06/16

Comments/Resolution: Change sample ID to "VP-141".

Project Manager Review: Nathan Boberg Date: 5/6/16

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)