

# Endpoint Solutions

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Ms. Bailey Copeland  
Fox Run 3, LLC  
c/o: VJS Development Group  
W233 N2847 Roundy Circle West  
Pewaukee, WI 53072

January 14, 2020

**Subject: Report of Phase II Environmental Assessment Activities**  
Fox Run Shopping Center  
2300 West St. Paul Avenue, Waukesha, Wisconsin

Dear Bailey:

Endpoint Solutions Corp. (Endpoint) is pleased to present this report of Phase II Environmental Assessment (EA) activities at the Fox Run Shopping Center site located at 2300 West St. Paul Avenue, in the City of Waukesha, Waukesha County, Wisconsin (the "Site"). The location of the Site is depicted on **Figure 1**. Endpoint recently completed a Phase I Environmental Site Assessment (ESA) of the Site which identified a recognized environmental condition (REC) in which further assessment was recommended.

## FINDINGS

The Phase I ESA process identified the former Klinke Kleaners at 2346 West St. Paul Avenue as an open Wisconsin Department of Natural Resources (WDNR) environmental repair program (ERP) case (Bureau of Remediation and Redevelopment Tracking System [BRRTS] No. 02-68-535535). As the ERP case remained open, it was identified as a REC.

At present, the ERP case remains open with the investigation stalled due to the presence of the existing building acting as an impediment to further investigation. Therefore, following demolition of the existing building, additional investigation would be required to fully delineate the horizontal extent of soil and groundwater contamination.

In addition, the documentation obtained from the WDNR has indicated the groundwater plume of contaminants has not been adequately defined to the west, southwest and southeast of the source area. More importantly, sub-slab vapor samples collected from beneath the existing floor slab indicated concentrations of tetrachloroethene (PCE) which significantly exceed the residential, small commercial and large commercial/industrial vapor regional screening levels established by the United States Environmental Protection Agency (USEPA) and the WDNR to prevent migration of contaminated vapors into the indoor air, which indicates the presence of contaminated soil and/or groundwater beneath the existing building.

Finally, it was concluded the presence of the elevated concentrations in the sub-slab vapors would require the installation of an active sub-slab depressurization and barrier system to prevent migration of vapors into the indoor air should the existing building remain or a new structure be proposed over the area of contamination without further remediation. Note, based on the mobility, persistence and toxicity of chlorinated solvent vapors, the WDNR requires a vapor assessment be performed whenever chlorinated solvent contamination is present in the soils within 100 feet of a proposed building or whenever the proposed building will overlies chlorinated solvents in groundwater above enforcement standards (ESs).

The general layout of the area of known contamination is depicted on **Figure 2**.

## BACKGROUND

Based on the ERP case currently being open and stalled due to the building acting as an impediment to further investigation, additional investigation was deemed necessary to delineate the horizontal extent of the soil and groundwater contamination associated with the former dry cleaner. While this additional investigation would most easily be performed following demolition of the former Fox Run strip mall; in the interest of time, some investigative activities were proposed to be completed prior to demolition of the building.

To date, the investigation performed has focused primarily on the north side of the strip mall building and the former dry cleaner location (2346 West St. Paul Avenue tenant space). Gaps in the current delineation data included:

- Groundwater to the west of the monitoring well MW-6 location;
- Groundwater beneath the building to the east and west of the former dry cleaner location;
- Groundwater to the southeast of the former dry cleaner location; and,
- Soils beneath the building to the east and west of the former dry cleaner location.

Additionally, the sub-slab vapor sampling performed in 2013 expanded to the east and west from the former dry cleaner location; however, the sub-slab vapor results did not indicate the extent of the contamination had been found.

## SCOPE OF WORK

Based on the identified gaps in the investigation, we performed the following investigative tasks:

1. Installed and sampled two (2) groundwater monitoring wells to the west (MW-11) and southwest (MW-12) of MW-6 along the west boundary of the 11.6-acre parcel;
2. Advanced two (2) soil borings (TW-1 and TW-2) to the east of the former dry cleaner location on the south side of the building within the courtyard area. Two (2) soil samples from each boring location were submitted for analysis for volatile organic compounds (VOCs). Following completion of the soil sampling, each of the boring locations were converted to monitoring wells and groundwater samples were submitted for VOC analysis;
3. Six (6) existing monitoring wells located on the Site were redeveloped and samples were collected for VOC analysis. The wells sampled included MW-2, MW-5, P-5, MW-6, MW-9 and MW-10; and,
4. Two (2) sub-slab vapor sample points (VP-7 and VP-8) were installed in the tenant space to the west of the former dry cleaner and two (2) sub-slab vapor sample points (VP-9 and VP-10) were installed in the tenant spaces to the east of the previously collected sub-slab vapor samples. Sub-slab vapor samples were collected from each of the newly installed vapor points and the samples were submitted for VOC analysis.

The locations of these additional sample points are depicted on **Figure 3**.

## RESULTS

### SOIL PROFILE

As previously discussed, two (2) permanent groundwater monitoring wells (MW-11 and MW-12) as well as two (2) temporary groundwater monitoring wells (TW-1 and TW-2) were installed as part of these EA activities. The general soil profile at the Site consisted of a varying depth of silty clay underlying the surface pavement underlain by a tan to brown fine sand to approximately seven and one-half (7.5) to 12.5 ft bgs depending on the location. A brown to gray silt was encountered in each of the soil borings beneath the fine sand layer. A record of the soil profile at each boring location is presented on the Soil Boring Logs attached in **Appendix A**.

### SOIL RESULTS

Two (2) unsaturated soil samples were collected from each of the borings advanced for the temporary monitoring wells (TW-1 and TW-2) to the south of the building. The purpose of these samples was to determine whether the area of contamination present beneath the building extends to the south of the building footprint. Neither sample collected from the TW-2 location contained detectable concentrations of any VOC constituents. Both samples collected from two (2) to four (4) ft bgs and six (6) to seven (7) ft bgs at the TW-1 location contained elevated concentrations of PCE. The concentrations detected in these samples exceeded the soil-to-groundwater pathway residual contaminant level (RCL) established for PCE; however, the concentrations did not exceed either the non-industrial or industrial direct contact RCLs established for PCE. A summary of the soil analytical results is presented in **Table A.2.a**. Copies of the analytical results and chain-of-custody form are attached in **Appendix B**.

### GROUNDWATER

Two (2) permanent monitoring wells (MW-11 and MW-12) were installed in the northwestern corner of the parking lot for the strip mall. Monitoring Well Construction Forms for these two (2) permanent wells are attached in **Appendix A**. Temporary monitoring wells TW-1 and TW-2, installed to the south of the building were constructed with small diameter screen and casing placed in the open borehole; therefore, no Monitoring Well Construction Forms were created for the two (2) temporary wells. However, the screen and casing were removed from both of the temporary wells following the completion of sampling activities and the boreholes were properly abandoned. Copies of the Borehole Abandonment Forms are attached in **Appendix A**.

### FLOW DIRECTION

Prior to developing/purging the wells in preparation for sampling, depth to water measurements were collected. The top of casing was surveyed to North American Vertical Datum (NAVD) 88. In general, the depth to the water table ranged between approximately eight (8) to 11 ft bgs. The depth to water in the confined layer beneath the silt layer was measured to be approximately 22 ft bgs, indicating a strong downward gradient; however, due to the low permeability of the silt, downward movement appears to be retarded. The depth to water measurements are recorded on **Table A.6**.

Based on the depth to groundwater measurements and top of casing elevations, groundwater elevations were calculated at each well location. Based on the water elevation calculations, a groundwater flow

map was prepared as depicted on **Figure 4**. The groundwater elevations indicate a general northeasterly flow direction with an approximate gradient of 0.014 ft/ft.

#### ANALYTICAL RESULTS

Groundwater samples were collected from the following wells for laboratory VOC analysis: MW-2, MW-5, MW-6, MW-9, MW-10, MW-11, MW-12 P-5, TW-1 and TW-2. A summary of the groundwater analytical results is presented below.

- The samples collected from monitoring wells MW-2, MW-9, MW-11 and piezometer P-5 did not contain any detectable concentrations of VOC constituents.
- The groundwater sample collected from temporary well TW-2 contained an elevated concentration of toluene; however, the concentration reported was less than the preventive action limit (PAL) as codified in Table 1 of NR 140 of the Wisconsin Administrative Code (WAC).
- Groundwater samples collected from monitoring well MW-12 and temporary well TW-2 contained elevated concentrations of PCE. This was the only VOC constituent detected in these samples. The concentration of PCE detected in the sample collected from MW-12 exceeded its PAL while the concentration of PCE detected in the sample collected from TW-2 exceeded its ES as codified in Table 1 of NR 140 of the WAC.
- The groundwater sample collected from monitoring well MW-6 contained elevated concentrations of PCE, trichloroethene (TCE) and cis-1,2-dichloroethene (c-1,2-DCE). The concentration of PCE detected exceeded its ES while the concentration of TCE detected exceeded its PAL. The concentration of c-1,2-DCE detected was less than its PAL.
- The groundwater sample collected from monitoring well MW-6 contained elevated concentrations of PCE, TCE and an estimated concentration of toluene. The concentrations of PCE and TCE detected exceeded their respective ESs while the concentration of toluene detected was less than its PAL. The concentration of toluene was reported as an estimate as the concentration was above the limit of detection (LOD), but less than the limit of quantitation (LOQ) of the instrument.
- The groundwater sample collected from monitoring well MW-5 contained elevated concentrations of PCE and TCE, and estimated concentrations of trans-1,2-dichloroethene (t-1,2-DCE), c-1,2-DCE, toluene and chloroform. The concentrations of PCE and TCE exceeded their respective ESs, while the remainder of the estimated concentrations were less than their respective PALs.

The highest concentration of PCE (6,000 micrograms per liter [ $\mu\text{g/L}$ ]) in the groundwater was noted in the sample collected from monitoring well MW-5 located to the northeast of the former dry-cleaning tenant space. The groundwater sample collected from beneath the floor slab of the former tenant space from monitoring well MW-10 contained the second highest concentration of PCE (3,130  $\mu\text{g/L}$ ). The concentration of PCE contained in the remainder of the groundwater samples where PCE was detected ranged between 1.69  $\mu\text{g/L}$  at the MW-12 location to 114  $\mu\text{g/L}$  at the TW-1 location to the southeast of the former dry-cleaning tenant location.

A summary of the groundwater analytical results is presented in **Table A.1.a**. Copies of the analytical results and chain-of-custody form are attached in **Appendix B**.

## **SUB-SLAB VAPOR**

In an effort to provide additional definition to the horizontal extent of the sub-slab vapor plume, additional sub-slab vapor sample points were installed and sampled to the east and west of the area of known impacts based on previous investigative efforts. Two (2) sub-slab vapor sample points (VP-7 and VP-8) were installed in the slab-on-grade portion of the 2350 West St. Paul Avenue tenant space at the far west end of the building. The northern approximately 60 feet of this tenant space contains a basement; therefore, the vapor sample points were installed to the south of the basement area. In addition, sub-slab vapor sample point VP-9 was installed within the 2334 West St. Paul Avenue tenant space and sub-slab vapor sample point VP-10 was installed in the 2330 West St. Paul Avenue tenant space to the east of the previously identified area of contamination.

All of the sub-slab vapor samples collected during these activities contained elevated concentrations of numerous VOC constituents. When the results of the analyses were compared to Sub-Slab Regional Vapor Intrusion Screening Levels (VISLs), the concentration of PCE detected in the samples collected from VP-7, VP-8 and VP-9 exceeded the VISL based on a residential use scenario. The concentrations of PCE in the sub-slab vapor samples collected from VP-7, VP-8 and VP-9 ranged from 2,520 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) at the VP-8 location to 24,000  $\mu\text{g}/\text{m}^3$  at the VP-9 location.

A summary of the sub-slab vapor analytical results is presented in **Table A.4**. Copies of the analytical results and chain-of-custody form are attached in **Appendix B**.

## **DISCUSSION**

### **SOIL**

Previous soil investigations at the Site have focused primarily on the area to the north of the building. This focus was based on the results of soil sampling performed in 2005 as part of the original Phase II EA performed at the Site. During installation of the most recent monitoring wells, soil samples were collected from varying depths. PCE was not detected in the soil samples collected from the monitoring wells installed to the south of the building (MW-1, MW-2 and MW-4); however, MW-2 was located generally to the south of the 2344 West St. Paul Avenue tenant space. Additionally, a single soil sample collected from beneath the floor slab within the 2346 West St. Paul Avenue tenant space contained a concentration of PCE of 34.3 mg/kg, well above its soil-to-groundwater pathway RCL and above its non-industrial direct contact RCL. It should be noted, PCE was detected above its ES in the groundwater sample collected from TW-1; however, PCE was not detected in the groundwater at the TW-2 location. It is our opinion the detection of PCE in groundwater at the TW-1 location is the result of the migration of contamination from the source area to the TW-1 location rather than a result of the concentration detected in the soil causing contamination in the groundwater, as evidenced at the TW-2 location.

### **GROUNDWATER**

The results of the groundwater sampling performed as part of this EA indicate the plume of contaminants as previously identified is relatively stable. The locations which previously contained elevated concentrations of PCE continued to contain elevated concentrations of PCE, while locations which previously exhibited a lack of contaminants continuing to exhibit a lack of contaminants indicating a stable plume. More importantly, the concentrations of PCE detected in locations which previously contained PCE were significantly less than the concentrations detected in 2012 (19,100  $\mu\text{g}/\text{L}$  to 6,000  $\mu\text{g}/\text{L}$  at MW-5, and 46.2  $\mu\text{g}/\text{L}$  to 28.2  $\mu\text{g}/\text{L}$  in MW-6) indicating a decreasing contaminant mass.

**SUB-SLAB VAPOR**

The previous and recent sub-slab vapor sampling indicates significant concentrations of PCE in the sub-slab vapors extending from the slab-on-grade portion of the 2350 West St. Paul Avenue tenant space to the eastern extent of the 2334 West St. Paul Avenue tenant space. Based on the limited soil and groundwater sampling done to-date, and based on the significant sub-slab vapor concentrations, we assume areas of significant soil contamination is present beneath the building.

**PROPOSED NEXT STEPS**

Currently, we do not propose any further investigation activities be performed. We recommend an edited version of this report and its attachments, along with a proposed Site redevelopment plan be submitted to the Wisconsin Department of Natural Resources (WDNR) with a Technical Assistance request and the associated fee (\$700). The Technical Assistance request will allow for the WDNR project manager to provide an opinion regarding the following:

- Whether the Site investigation is adequate and complete, or if additional sampling would be required following the demolition of the building; and,
- Whether any special measures need to be considered based on the proposed redevelopment plan.

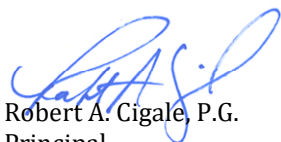
We recommend being proactive with the WDNR in situations such as this that involve contamination, especially chlorinated solvent impacts, on redevelopment sites that include a residential component.

**CLOSING**

We appreciate the opportunity to be of service to Fox Run 3, LLC. If you have any questions regarding the results of these EA activities or our recommendations, please feel free to contact me directly.

Sincerely,

**Endpoint Solutions**



Robert A. Cigale, P.G.  
Principal

**ATTACHMENTS**

- Figures
- Tables
- Appendix A
- Appendix B

**FIGURES**

FIGURE 1 – LOCATION MAP

FIGURE 2 – SITE LAYOUT

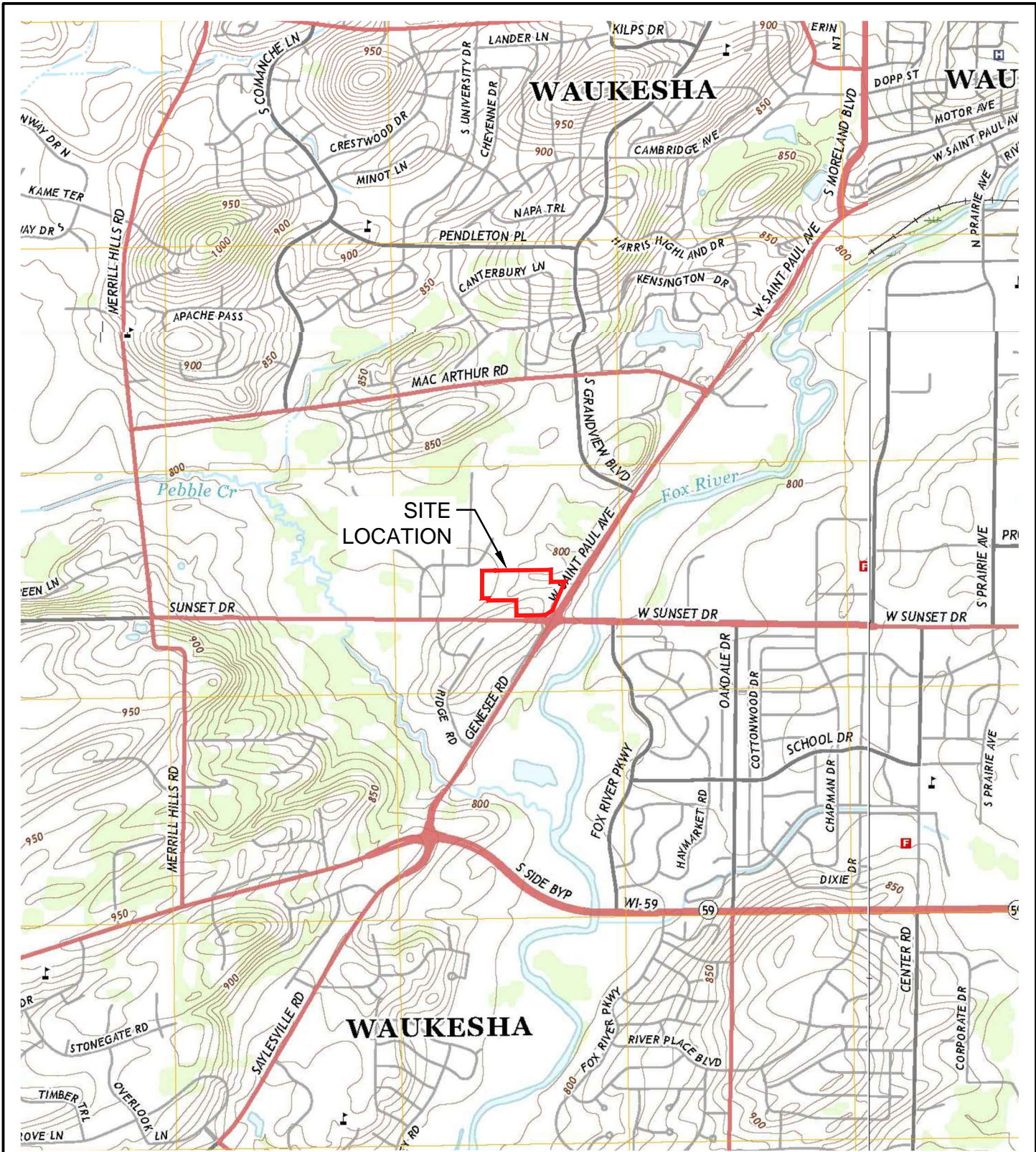
FIGURE 3 – SAMPLE LOCATIONS

FIGURE 4 – GROUNDWATER FLOW MAP

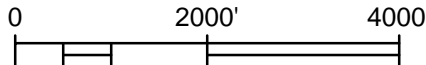
FIGURE 5 – GROUNDWATER RESULTS

FIGURE 6 – SUB-SLAB PCE VAPOR RESULTS





SITE  
LOCATION



## LOCATION MAP

FOX RUN  
2300 W. ST. PAUL AVENUE  
WAUKESHA, WISCONSIN 53188

**Endpoint Solutions**

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DRAWN BY: NWD

DATE: 12/11/19

REVIEWED BY: TCP

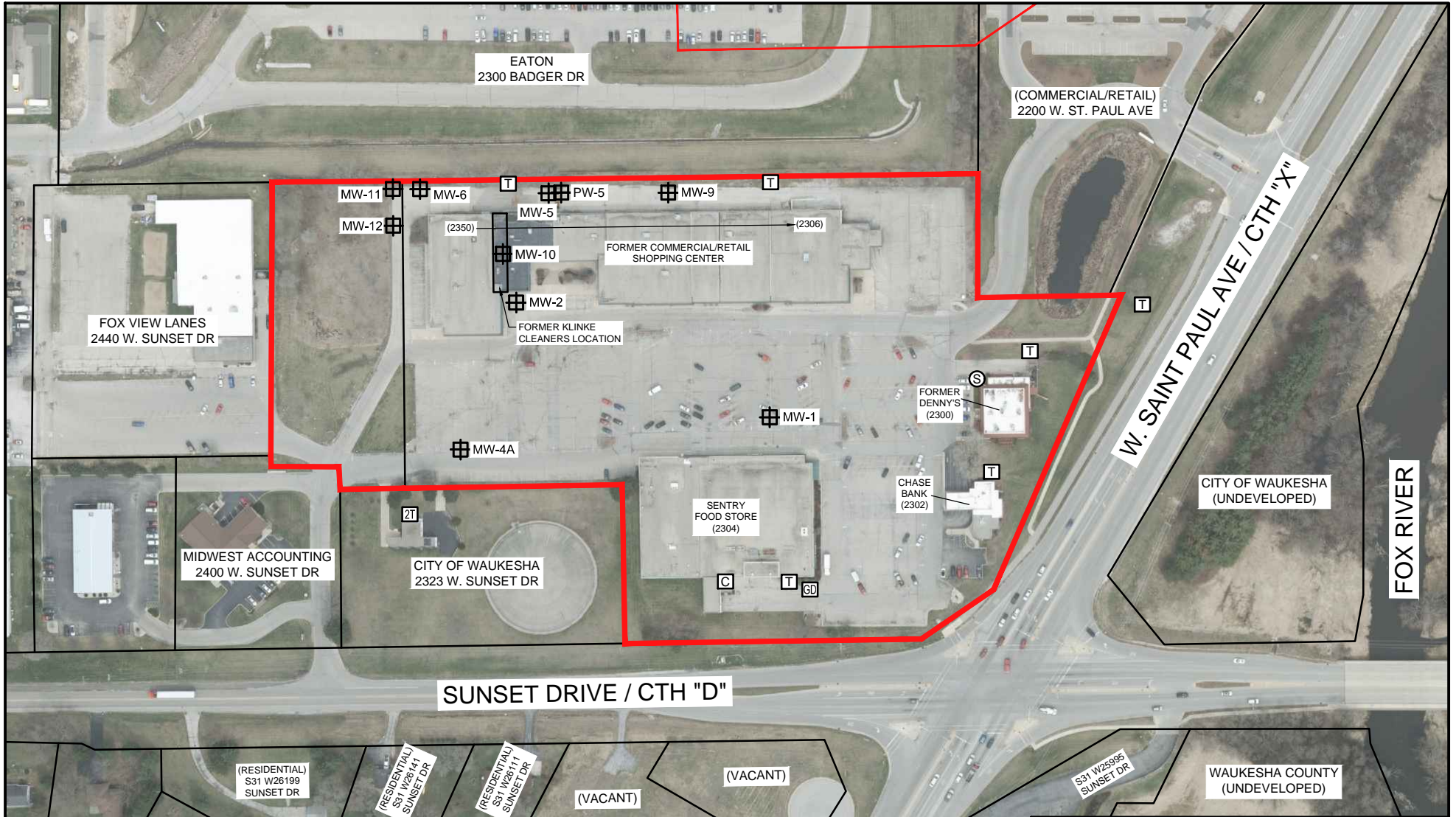
PROJECT NO: 525-008-002

Figure 1

P:\V5 - 525\008 - Fox Run\CA\0\008-002\FIG 01\_525-008-002 Location Map.dwg

SOURCE: USGS





	SUBJECT PROPERTY		PAD-MOUNTED TRANSFORMER
	COMPACTOR		(2) PAD-MOUNTED TRANSFORMERS
	GREASE DUMPSTER		MONITORING WELL LOCATION
	SEPTIC STRUCTURE	(2304) - ADDRESS ON W. ST. PAUL AVENUE	



## SITE LAYOUT

FOX RUN  
2300 W. ST. PAUL AVENUE  
WAUKESHA, WISCONSIN 53188

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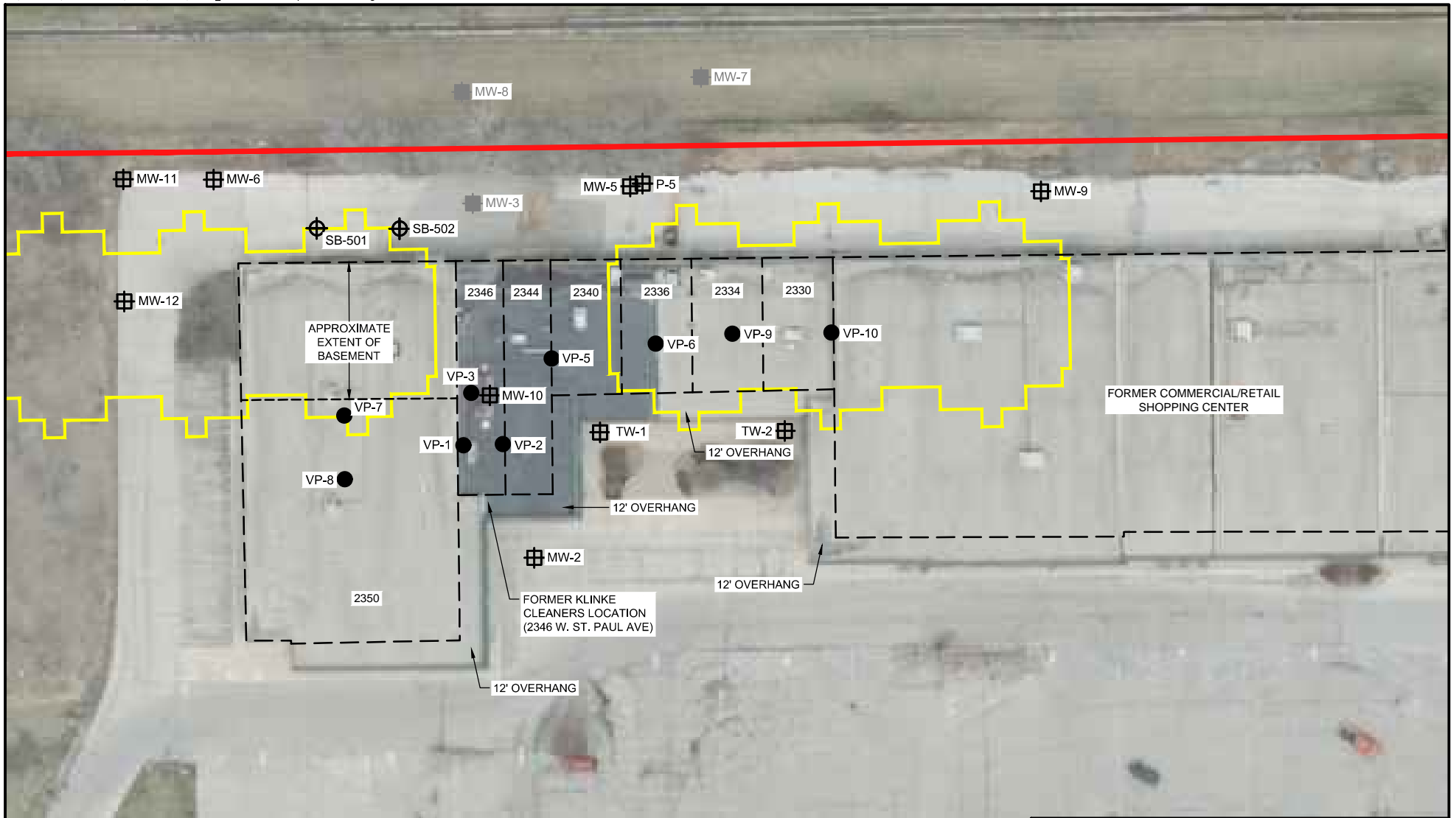
DRAWN BY: NWD

DATE: 01/10/2020

REVIEWED BY: RAC

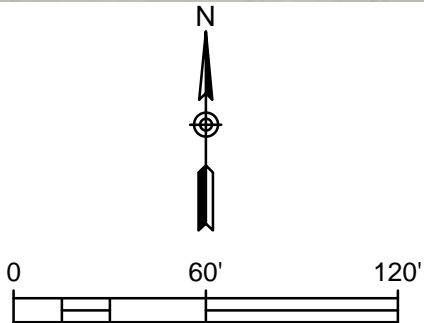
PROJECT NO: 525-008-002

Figure 2

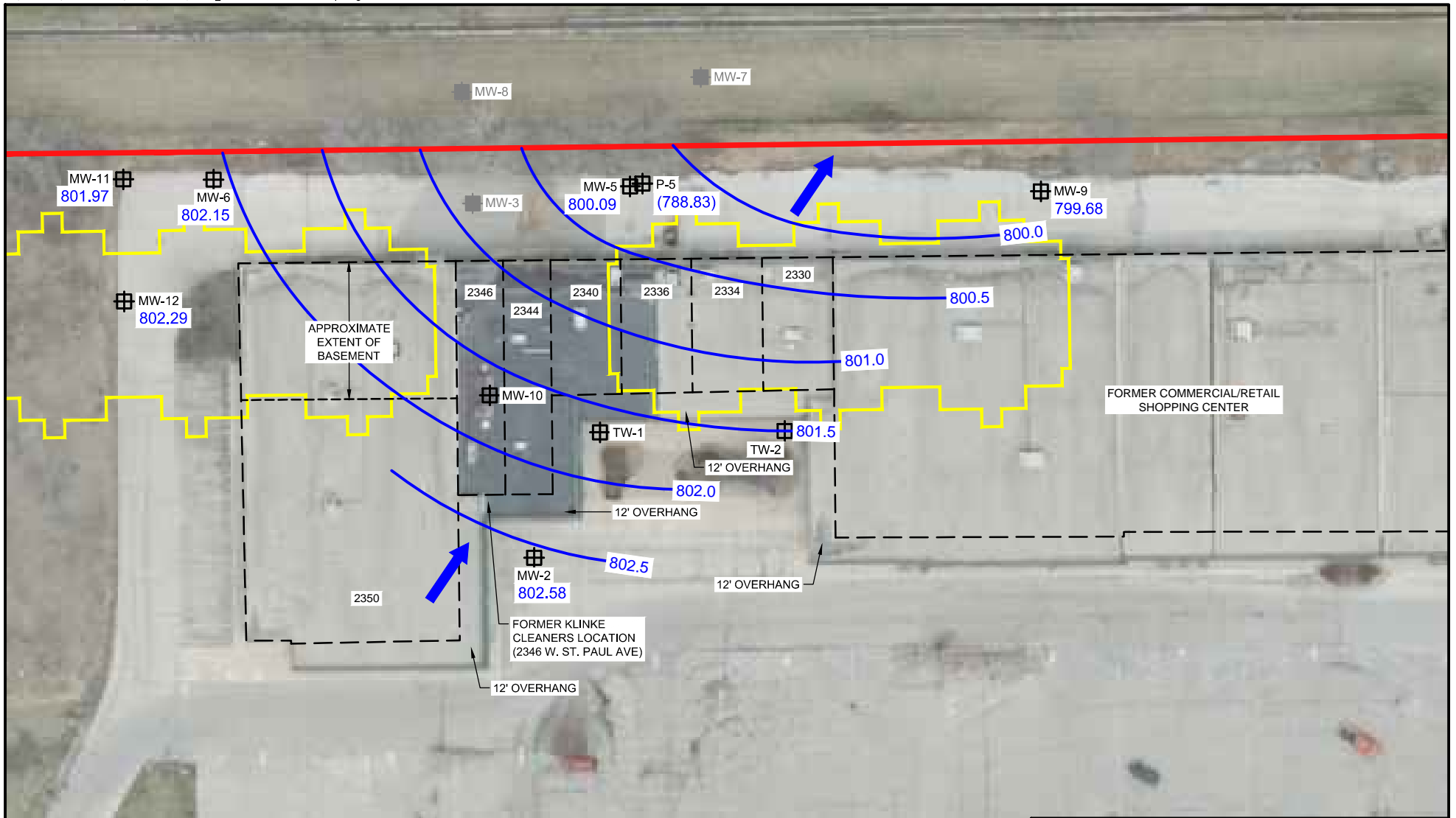


	SUBJECT PROPERTY		MONITORING WELL LOCATION
	APPROXIMATE LOCATION OF PROPOSED BUILDING (PER VJS PRELIMINARY SITE PLAN SHEET C1.01 REVISED 6/10/19)		ABANDONED MONITORING WELL
	BUILDING PERIMETER AND DEMISING WALL		SOIL BORING LOCATION
			SOIL GAS SAMPLE LOCATION

**NOTE: ALL SAMPLE LOCATIONS ARE SHOWN APPROXIMATE**

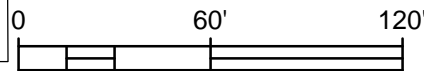


<b>SAMPLE LOCATIONS</b>		
FOX RUN 2300 W. ST. PAUL AVENUE WAUKESHA, WISCONSIN 53188		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 01/10/2020	Figure 3
REVIEWED BY: RAC	PROJECT NO: 525-008-002	

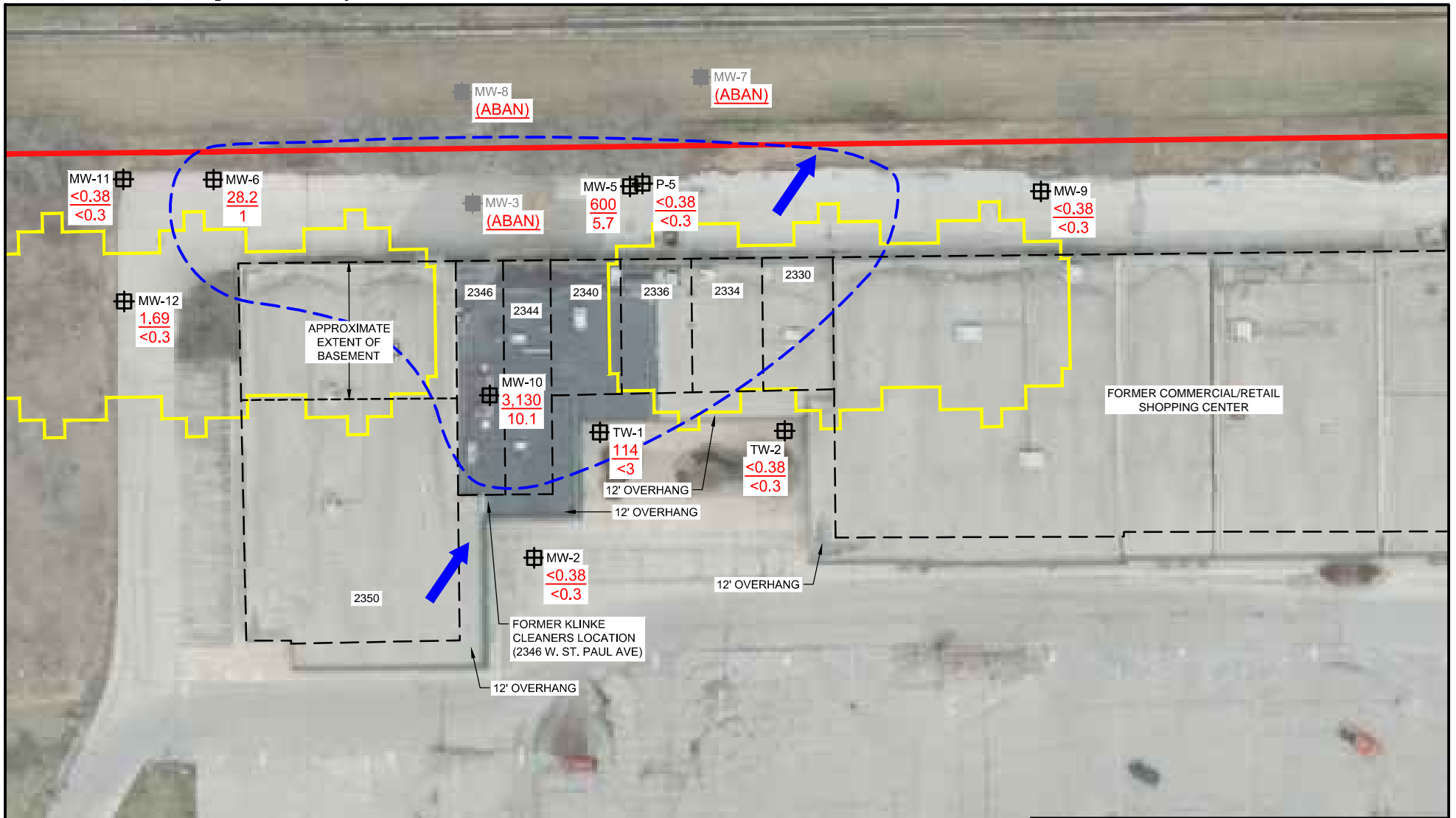


	SUBJECT PROPERTY		MONITORING WELL LOCATION
	APPROXIMATE LOCATION OF PROPOSED BUILDING (PER VJS PRELIMINARY SITE PLAN SHEET C1.01 REVISED 6/10/19)		ABANDONED MONITORING WELL
	BUILDING PERIMETER AND DEMISING WALL		SHALLOW GROUNDWATER FLOW DIRECTION
			GROUNDWATER ELEVATION
			GROUNDWATER FLOW CONTOUR (0.5' INTERVAL)

**NOTE: ALL SAMPLE LOCATIONS ARE SHOWN APPROXIMATE**



GROUNDWATER FLOW MAP		
FOX RUN 2300 W. ST. PAUL AVENUE WAUKESHA, WISCONSIN 53188		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 01/10/2020	Figure 4
REVIEWED BY: RAC	PROJECT NO: 525-008-002	



	SUBJECT PROPERTY		MONITORING WELL LOCATION
	APPROXIMATE LOCATION OF PROPOSED BUILDING (PER VJS PRELIMINARY SITE PLAN SHEET C1.01 REVISED 6/10/19)		ABANDONED MONITORING WELL
	BUILDING PERIMETER AND DEMISING WALL		SHALLOW GROUNDWATER FLOW DIRECTION
			APPROXIMATE EXTENT OF GROUNDWATER IMPACTS

NOTE: ALL SAMPLE LOCATIONS ARE SHOWN APPROXIMATE

3,130 (PCE)  
10.1 (TCE)

0 60' 120'

## GROUNDWATER RESULTS

FOX RUN  
2300 W. ST. PAUL AVENUE  
WAUKESHA, WISCONSIN 53188

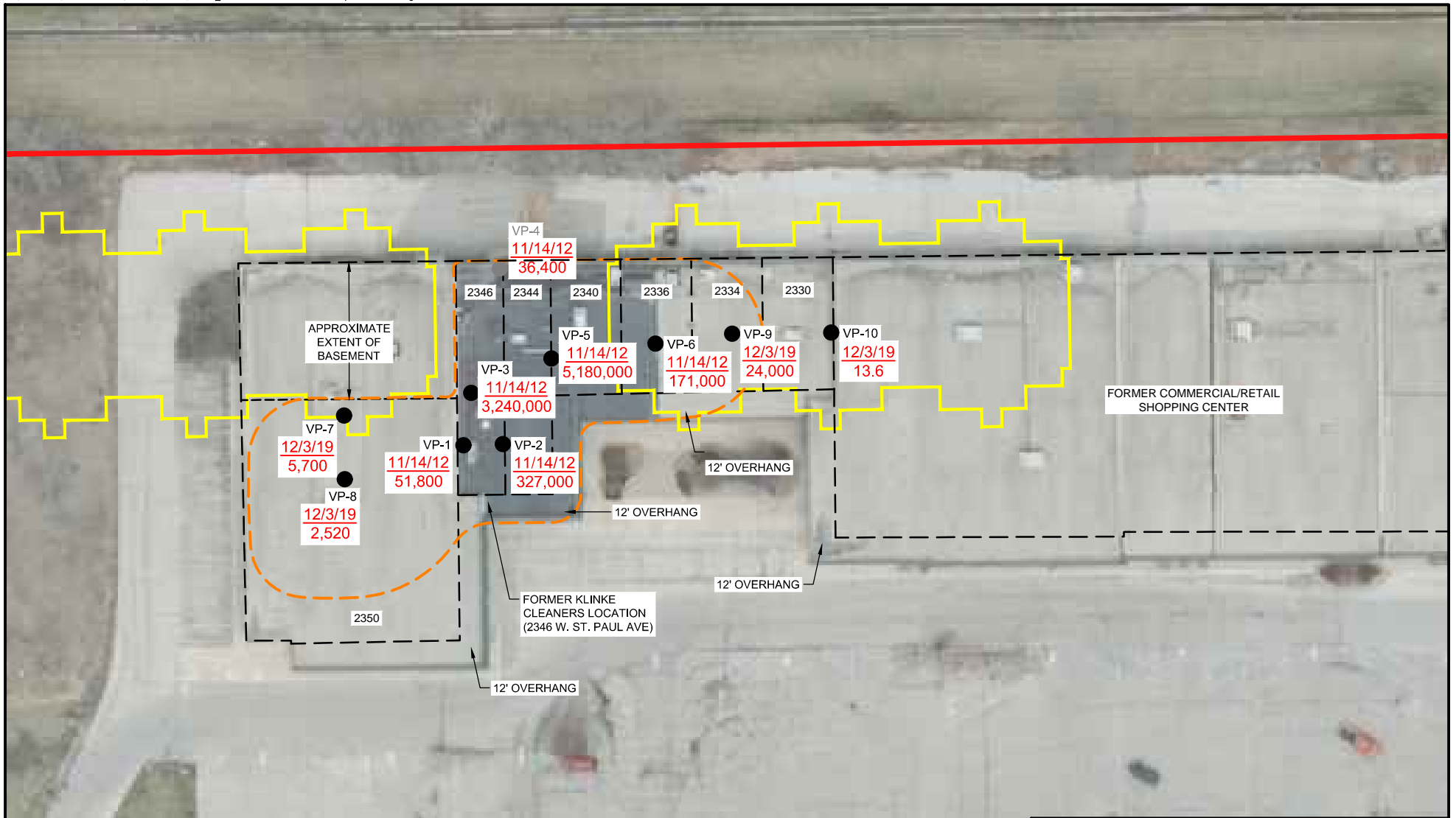
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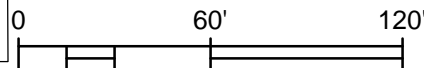
DRAWN BY: NWD	DATE: 01/10/2020	Figure 5
REVIEWED BY: RAC	PROJECT NO: 525-008-002	





- SUBJECT PROPERTY
- - - APPROXIMATE LOCATION OF PROPOSED BUILDING (PER VJS PRELIMINARY SITE PLAN SHEET C1.01 REVISED 6/10/19)
- - - BUILDING PERIMETER AND DEMISING WALL
- SOIL GAS SAMPLE LOCATION
- FORMER SOIL GAS SAMPLE LOCATION
- DATE  
171,000 SUB-SLAB PCE RESULT (ug/M<sup>3</sup>)
- - - APPROXIMATE EXTENT OF SUB-SLAB VAPOR EXCEEDANCES

NOTE: ALL SAMPLE LOCATIONS ARE SHOWN APPROXIMATE



## SUB-SLAB PCE VAPOR RESULTS

FOX RUN  
2300 W. ST. PAUL AVENUE  
WAUKESHA, WISCONSIN 53188

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Phone: (414) 427-1200

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DRAWN BY: NWD

DATE: 01/10/2020

REVIEWED BY: RAC

PROJECT NO: 525-008-002

Figure 6

**TABLES**

TABLE A.1.A – GROUNDWATER ANALYTICAL RESULTS

TABLE A.2.A – SOIL ANALYTICAL RESULTS

TABLE A.4 – SUB-SLAB VAPOR RESULTS

TABLE A.6 – GROUNDWATER ELEVATIONS

**Table A.1.a  
Groundwater Analytical Results - VOCs**

Fox Run  
2300 W. St. Paul Avenue  
Waukesha, Wisconsin

VOC (µg/L)	NR 140 Table 1		Sample Location and Sample Date									
	ES	PAL	MW-2	MW-5	MW-6	MW-9	MW-10	MW-11	MW-12	P-5	TW-1	TW-2
			12/12/19	12/12/19	12/12/19	12/12/19	12/12/19	12/12/19	12/12/19	12/12/19	12/12/19	12/12/19
Benzene	5	0.5	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<2.2	<0.22
Bromobenzene	-----	-----	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<4.4	<0.44
Bromodichloromethane	0.6	0.06	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<3.3	<0.33
Bromoform	4.4	0.44	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<4.5	<0.45
tert-Butylbenzene	-----	-----	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2.5	<0.25
sec-Butylbenzene	-----	-----	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<7.9	<0.79
n-Butylbenzene	-----	-----	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<7.1	<0.71
Carbon Tetrachloride	5	0.5	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<3.1	<0.31
Chlorobenzene	100	20	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<2.6	<0.26
Chloroethane	400	80	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<6.1	<0.61
Chloroform	6	0.6	<0.26	0.3 "J"	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<2.6	<0.26
Chloromethane	30	3	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<5.4	<0.54
2-Chlorotoluene	-----	-----	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<3.1	<0.31
4-Chlorotoluene	-----	-----	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<2.6	<0.26
1,2-Dibromo-3-chloropropane	0.2	0.02	<2.96	<2.96	<2.96	<2.96	<2.96	<2.96	<2.96	<2.96	<29.6	<2.96
Dibromodichloromethane	-----	-----	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<2.2	<0.22
1,4-Dichlorobenzene	75	15	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<7	<0.7
1,3-Dichlorobenzene	600	120	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<8.5	<0.85
1,2-Dichlorobenzene	600	60	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<8.6	<0.86
Dichlorodifluoromethane	1000	200	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<3.2	<0.32
1,2-Dichloroethane	5	0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2.5	<0.25
1,1-Dichloroethane	850	85	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<3.6	<0.36
1,1-Dichloroethene	7	0.7	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<4.2	<0.42
cis-1,2-Dichloroethene	70	7	<0.37	0.5 "J"	1.18	<0.37	<0.37	<0.37	<0.37	<0.37	<3.7	<0.37
trans-1,2-Dichloroethene	100	20	<0.34	0.62 "J"	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<3.4	<0.34
1,2-Dichloropropane	5	0.5	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<4.4	<0.44
1,3-Dichloropropane	-----	-----	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<3	<0.3
trans-1,3-Dichloropropene	-----	-----	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<3.2	<0.32
cis-1,3-Dichloropropene	-----	-----	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<2.6	<0.26
Di-isopropyl ether	-----	-----	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<2.1	<0.21
1,2-Dibromoethane (EDB)	0.05	0.005	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<3.4	<0.34
Ethylbenzene	700	140	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<2.6	<0.26
Hexachlorobutadiene	-----	-----	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<13.4	<1.34
Isopropylbenzene	-----	-----	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<7.8	<0.78
p-Isopropyltoluene	-----	-----	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<2.4	<0.24
Methylene Chloride	5	0.5	<1.32	<1.32	<1.32	<1.32	<1.32	<1.32	<1.32	<1.32	<13.2	<1.32
Methyl-tert-butyl-ether (MTBE)	60	12	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<2.8	<0.28
Naphthalene	100	10	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<21	<2.1
n-Propylbenzene	-----	-----	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<6.1	<0.61
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<3	<0.3
1,1,1,2-Tetrachloroethane	70	7	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<3.5	<0.35
Tetrachloroethene (PCE)	5	0.5	<0.38	6,000	28.2	<0.38	3,130	<0.38	1.69	<0.38	114	<0.38
Toluene	800	160	<0.19	0.36 "J"	<0.19	<0.19	0.22 "J"	<0.19	<0.19	<0.19	<1.9	0.85
1,2,4-Trichlorobenzene	70	14	<1.15	<1.15	<1.15	<1.15	<1.15	<1.15	<1.15	<1.15	<11.5	<1.15
1,2,3-Trichlorobenzene	-----	-----	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71	<17.1	<1.71
1,1,1-Trichloroethane	200	40	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<3.3	<0.33
1,1,2-Trichloroethane	5	0.5	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<4.2	<0.42
Trichloroethene (TCE)	5	0.5	<0.3	5.7	1	<0.3	10.1	<0.3	<0.3	<0.3	<3	<0.3
Trichlorofluoromethane	3,490	698	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<3.5	<0.35
1,2,4-Trimethylbenzene	480	96	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<8	<0.8
1,3,5-Trimethylbenzene	-----	-----	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<6.3	<0.63
Vinyl Chloride	0.2	0.02	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
m&p-Xylene	2,000	400	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<4.3	<0.43
o-Xylene	-----	-----	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<2.9	<0.29

- 1) VOC - Volatile organic compound
- 2) µg/L - micrograms per liter
- 3) NR 140 Table 1 - Wisconsin Administrative Code (WAC) Public Health Groundwater Quality Standards
- 4) ES - WAC Table 1 Enforcement Standard
- 5) PAL - WAC Table 1 Preventive Action Limit
- 6) ----- - Standard not established
- 7) "J" - Indicates estimated result between the limit of detection (LOD) and the limit of quantitation (LOQ)

**Table A.2.a**  
**Soil Analytical Results - VOCs**

Fox Run  
2300 W. St. Paul Avenue  
Waukesha, Wisconsin

VOCs	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Soil to Groundwater Pathway RCL	Boring ID, Sample Depth and Date of Advancement			
				TW-1		TW-2	
				2 - 4' 12/6/19	6 - 7' 12/6/19	2 - 4' 12/6/19	8 - 10' 12/6/19
Benzene	7.07	1.6	0.0051	<0.03	<0.03	<0.03	<0.03
Bromobenzene	679	342	-----	<0.025	<0.025	<0.025	<0.025
Bromodichloromethane	1.83	0.418	0.0003	<0.074	<0.074	<0.074	<0.074
Bromoform	113	25.4	0.0023	<0.029	<0.029	<0.029	<0.029
tert-Butylbenzene	183	183	-----	<0.026	<0.026	<0.026	<0.026
sec-Butylbenzene	145	145	-----	<0.033	<0.033	<0.033	<0.033
n-Butylbenzene	108	108	-----	<0.04	<0.04	<0.04	<0.04
Carbon Tetrachloride	4.03	0.916	0.0039	<0.016	<0.016	<0.016	<0.016
Chlorobenzene	761	370	-----	<0.013	<0.013	<0.013	<0.013
Chloroethane	2,120	2,120	0.2266	<0.091	<0.091	<0.091	<0.091
Chloroform	1.98	0.454	0.0033	<0.035	<0.035	<0.035	<0.035
Chloromethane	669	159	0.0155	<0.076	<0.076	<0.076	<0.076
2-Chlorotoluene	907	907	-----	<0.015	<0.015	<0.015	<0.015
4-Chlorotoluene	253	253	-----	<0.018	<0.018	<0.018	<0.018
1,2-Dibromo-3-chloropropane	0	0.008	0.0002	<0.058	<0.058	<0.058	<0.058
Dibromodichloromethane	530	126	0.032	<0.025	<0.025	<0.025	<0.025
1,4-Dichlorobenzene	16.4	3.74	0.144	<0.037	<0.037	<0.037	<0.037
1,3-Dichlorobenzene	297	297	1.1528	<0.037	<0.037	<0.037	<0.037
1,2-Dichlorobenzene	376	376	1.168	<0.028	<0.028	<0.028	<0.028
Dichlorodifluoromethane	530	126	3.0863	<0.048	<0.048	<0.048	<0.048
1,2-Dichloroethane	2.87	0.652	0.0028	<0.038	<0.038	<0.038	<0.038
1,1-Dichloroethane	22.2	5.06	0.4834	<0.034	<0.034	<0.034	<0.034
1,1-Dichloroethene	1,190	320	0.005	<0.022	<0.022	<0.022	<0.022
cis-1,2-Dichloroethene	2,340	156	0.0412	<0.032	<0.032	<0.032	<0.032
trans-1,2-Dichloroethene	1,850	1,560	0.0626	<0.028	<0.028	<0.028	<0.028
1,2-Dichloropropane	15	3.4	0.0033	<0.035	<0.035	<0.035	<0.035
1,3-Dichloropropane	1,490	1,490	-----	<0.025	<0.025	<0.025	<0.025
trans-1,3-Dichloropropene	1,510	1,510	0.0003	<0.022	<0.022	<0.022	<0.022
cis-1,3-Dichloropropene	1,210	1,210	0.0003	<0.039	<0.039	<0.039	<0.039
Di-isopropyl ether	2,260	2,260	-----	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane (EDB)	0.221	0.05	-----	<0.023	<0.023	<0.023	<0.023
Ethylbenzene	35.4	8.02	1.57	<0.035	<0.035	<0.035	<0.035
Hexachlorobutadiene	7.19	1.63	-----	<0.085	<0.085	<0.085	<0.085
Isopropylbenzene (Cumene)	268	268	-----	<0.034	<0.034	<0.034	<0.034
p-Isopropyltoluene	162	162	-----	<0.029	<0.029	<0.029	<0.029
Methylene Chloride	1,150	61.8	0.0026	<0.15	<0.15	<0.15	<0.15
Methyl-tert-butyl-ether (MTBE)	282	63.8	0.027	<0.05	<0.05	<0.05	<0.05
Naphthalene	24.1	5.52	0.6582	<0.094	<0.094	<0.094	<0.094
n-Propylbenzene	264	264	-----	<0.033	<0.033	<0.033	<0.033
1,1,2,2-Tetrachloroethane	3.6	0.810	0.0002	<0.028	<0.028	<0.028	<0.028
1,1,1,2-Tetrachloroethane	12.3	2.78	0.0534	<0.028	<0.028	<0.028	<0.028
Tetrachloroethene (PCE)	145	33	0.0045	0.188	0.178	<0.032	<0.032
Toluene	818	818	1.1072	<0.032	<0.032	<0.032	<0.032
1,2,4-Trichlorobenzene	113	24	0.408	<0.064	<0.064	<0.064	<0.064
1,2,3-Trichlorobenzene	934	62.6	-----	<0.066	<0.066	<0.066	<0.066
1,1,1-Trichloroethane	640	640	0.1402	<0.03	<0.03	<0.03	<0.03
1,1,2-Trichloroethane	7.01	1.59	0.0032	<0.033	<0.033	<0.033	<0.033
Trichloroethene (TCE)	8.41	1.3	0.0036	<0.041	<0.041	<0.041	<0.041
Trichlorofluoromethane	1,230	1,230	-----	<0.041	<0.041	<0.041	<0.041
1,2,4-Trimethylbenzene	219	219	0.6890	<0.025	<0.025	<0.025	<0.025
1,3,5-Trimethylbenzene	182	182	-----	<0.032	<0.032	<0.032	<0.032
Vinyl Chloride	2.08	0.067	0.0001	<0.019	<0.019	<0.019	<0.019
m&p-Xylene	260	260	3.96	<0.072	<0.072	<0.072	<0.072
o-Xylene				<0.044	<0.044	<0.044	<0.044

- 1) VOC - Volatile Organic Compound
- 2) mg/kg - milligrams per kilogram
- 3) RCL - Residual Contaminant Level
- 4) ----- - Standard not established



**Table A.4  
Sub-Slab Vapor Analytical Results - VOCs**

Fox Run  
2300 W. St. Paul Avenue  
Waukesha, Wisconsin

Sample ID	Sub-Slab Regional Screening Level - Residential	Sub-Slab Regional Screening Level - Small Commercial	Sub-Slab Regional Screening Level - Large Commercial / Industrial	VP-7	VP-8	VP-9	VP-10	
Tenant Space				2350	2350	2334	2330	
Date Collected				12/3/2019	12/3/2019	12/3/2019	12/3/2019	
VOCs (µg/m <sup>3</sup> )	CAS #							
Acetone	67-64-1	1,070,000	4,510,000	13,530,000	220	61	104	63
Acrolein	107-02-8	0.695	2.92	8.76	<0.94	<0.94	<0.94	<0.094
Benzene	71-43-2	120	524	1,572	8	13.4	13.1	2.3
Benzyl chloride	100-44-7	19.1	83.4	250.2	<2.09	<2.09	<2.09	<0.209
Bromodichloromethane	75-27-4	25.3	110	330	<3.74	<3.74	<3.74	<0.374
Bromoform	75-25-2	851	3,720	11,160	<4.14	<4.14	<4.14	<0.414
Bromomethane	74-83-9	174	730	2,190	<2	<2	<2	<0.2
1,3-Butadiene	106-99-0	31.2	136	408	<1.43	<1.43	<1.43	<0.143
Carbon disulfide	75-15-0	24,300	102,000	306,000	1.87 "J"	1.56 "J"	7.8	3.9
Carbon tetrachloride	56-23-5	156	681	2,043	<3.07	<3.07	<3.07	0.44 "J"
Chlorobenzene	108-90-7	1,740	7,300	21,900	<2.51	<2.51	<2.51	<0.251
Chloroethane (Ethyl Chloride)	75-00-3	348,000	1,460,000	4,380,000	<1.59	<1.59	<1.59	<0.159
Chloroform	67-66-3	40.7	178	534	3.4 "J"	<3	<3	<0.3
Chloromethane	74-87-3	3,130	13,100	39,300	<8.31	<8.31	<8.31	<0.831
Cyclohexane	110-82-7	209,000	876,000	2,628,000	16.2	18.9	23.1	2.38
Dibromochloromethane	124-48-1	-	-	-	<3.76	<3.76	<3.76	<0.376
1,4-Dichlorobenzene	106-46-7	85.1	372	1,116	<3.02	<3.02	<3.02	<0.302
1,3-Dichlorobenzene	541-73-1	-	-	-	<3.02	<3.02	<3.02	<0.302
1,2-Dichlorobenzene	95-50-1	6,950	29,200	87,600	<2.35	<2.35	<2.35	<0.235
Dichlorodifluoromethane	75-71-8	3,480	14,600	43,800	34	75	13.8	2.82
1,2-Dichloroethane	107-06-2	36	157	471	<2.4	<2.4	<2.4	<0.24
1,1-Dichloroethane	75-34-3	585	2,560	7,680	<1.87	<1.87	<1.87	<0.187
1,1-Dichloroethene	75-35-4	6,950	29,200	87,600	<2.1	<2.1	<2.1	<0.21
cis-1,2-Dichloroethene	156-59-2	-	-	-	<1.97	<1.97	<1.97	<0.197
trans -1,2-Dichloroethene	156-60-5	-	-	-	<2.31	<2.31	<2.31	<0.231
1,2-Dichloropropane	78-87-5	139	584	1,752	<2.8	<2.8	<2.8	<0.28
trans-1,3-Dichloropropene	10061-02-6	-	-	-	<1.98	<1.98	<1.98	<0.198
cis-1,3-Dichloropropene	10061-01-5	-	-	-	<2.34	<2.34	<2.34	<0.234
1,2-Dichlorotetrafluoroethane	76-14-2	-	-	-	<4.46	<4.46	<4.46	<0.446
1,4-Dioxane	123-91-1	187	818	2,454	<1.57	<1.57	<1.57	<0.157
EDB (1,2-Dibromomethane)	106-93-4	1.56	6.81	20.43	<3.42	<3.42	<3.42	<0.342
Ethanol	64-17-5	-	-	-	52	39	43	29.5
Ethyl Acetate	141-78-6	2,430	10,200	30,600	<1.76	<1.76	<1.76	<0.176
Ethylbenzene	100-41-4	374	1,640	4,920	9.5	10	31.2	2.12
4-Ethyltoluene	622-96-8	-	-	-	<2.14	<2.14	<2.14	0.39 "J"
Heptane	142-82-5	13,900	58,400	175,200	36	49	65	8.7
Hexachlorobutadiene	87-68-3	42.5	186	558	<4.89	<4.89	<4.89	<0.489
Hexane	110-54-3	24,300	102,000	306,000	60	64	95	8.4
2-Hexanone	591-78-6	1,040	4,380	13,140	<2.22	<2.22	<2.22	<0.222
Isopropyl Alcohol	67-63-0	6,950	29,200	87,600	8.6	7.1	4.9	3.2
Methyl Ethyl Ketone (MEK)	78-93-3	174,000	730,000	2,190,000	8	6.8	<1.78	3.07
4-Methyl-2-pentanone (MIBK)	108-10-1	104,000	438,000	1,314,000	<1.68	<1.68	<1.68	0.49 "J"
Methyl Methacrylate	80-62-6	24,300	102,000	306,000	<2.17	<2.17	<2.17	<0.217
Methylene Chloride	75-09-2	20,900	87,600	262,800	<150	<150	<150	<15
Methyl-tert-butyl ether (MTBE)	1634-04-4	3,600	15,700	47,100	<1.6	<1.6	<1.6	<0.16
Naphthalene	91-20-3	27.5	120	360	<6.75	<6.75	<6.75	0.73 "J"
Propene	115-07-1	104,000	438,000	1,314,000	<0.79	<0.79	<0.79	<0.079
Styrene	100-42-5	34,800	146,000	438,000	<1.81	2.55 "J"	2.55 "J"	0.213 "J"
1,1,2,2-Tetrachloroethane	79-34-5	16.1	70.5	211.5	<3.25	<3.25	<3.25	<0.325
Tetrachloroethene (PCE)	127-18-4	1,390	5,840	17,520	5,700	2,520	24,000	13.6
Tetrahydrofuran	109-99-9	69,500	292,000	876,000	<1.31	<1.31	<1.31	<0.131
Toluene	108-88-3	174,000	730,000	2,190,000	18.5	29	47	5.5
1,2,4-Trichlorobenzene	120-82-1	69.5	292	876	<6.57	<6.57	<6.57	<0.657
1,1,1-Trichloroethane	71-55-6	174,000	730,000	2,190,000	<2.49	<2.49	<2.49	<0.249
1,1,2-Trichloroethane	79-00-5	6.95	29.2	87.6	<2.58	<2.58	<2.58	<0.258
Trichloroethene (TCE)	79-01-6	69.5	292	876	<2.37	<2.37	<2.37	<0.237
Trichlorofluoromethane	75-69-4	-	-	-	101	72	12.4	7.3
Trichlorotrifluoroethane	76-13-1	174,000	730,000	2,190,000	<4.02	<4.02	<4.02	0.54 "J"
1,2,4-Trimethylbenzene	95-63-6	2,090	8,760	26,280	4.9 "J"	4.9 "J"	9.8	1.72
1,3,5-Trimethylbenzene	108-67-8	2,090	8,760	26,280	<2.32	<2.32	2.45 "J"	0.44 "J"
Vinyl acetate	108-05-4	6,950	29,200	87,600	<2.03	<2.03	<2.03	<0.203
Vinyl Chloride	75-01-4	55.9	929	2,787	<1.48	<1.48	<1.48	<0.148
m&p-Xylene	179601-23-1	3,480	14,600	43,800	20.8	10.8 "J"	46	2.56
o-xylene	95-47-6				8.7	4.8 "J"	17.3	1.21

**Notes:**  
VOCs : Volatile Organic Compounds  
µg/m<sup>3</sup> : micrograms per cubic meter  
CAS #: Chemical Abstract System Number  
- : No Standard Established  
J : Estimated concentration at or above the limit of detection (LOD) and below the limit of quantitation (LOQ)  
All screening levels obtained via the USEPA Vapor Intrusion Screening Levels (VISL) Calculator  
Bold result indicates a Sub-Slab Air Vapor concentration exceedance

**Table A.6**  
**Water Level Elevation Table**

Fox Run  
2300 W. St. Paul Avenue  
Waukesha, Wisconsin

Well ID	Date	Ground Surface Elevation	TOC Elevation	Depth to Water	Groundwater Elevation	Depth Below Ground Surface
MW-2	12/12/2019	811.45	810.98	8.40	802.58	8.87
MW-5	12/12/2019	810.72	810.54	10.45	800.09	10.63
MW-6	12/12/2019	811.17	810.74	8.59	802.15	9.02
MW-9	12/12/2019	810.85	810.49	10.81	799.68	11.17
P-5	12/12/2019	811.09	810.75	21.92	788.83	22.26
MW-11	12/12/2019	810.35	809.96	7.99	801.97	8.38
MW-12	12/12/2019	811.23	810.89	8.60	802.29	8.94

Notes:

TOC = Top of casing

Bench mark North American Vertical Datum of 1988 (NAVD88)

**APPENDIX A**

SOIL BORINGS LOGS

WELL CONSTRUCTION DETAILS

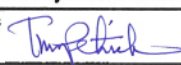
BOREHOLE ABANDONMENT FORMS

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

Facility/Project Name 2300 W. St. Paul Avenue, Waukesha		License/Permit/Monitoring Number	Boring Number TW - 1
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Brian Last Name: Firm: Gestra Engineering		Date Drilling Started 12 / 06 / 2019 m m / d d / y y y y	Date Drilling Completed 12 / 06 / 2019 m m / d d / y y y y
Drilling Method Direct Push	WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E SE 1/4 of SE 1/4 of Section 08, T 06 N, R 19 E		Local Grid Location Lat 0 ' " Long 0 ' " <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
Facility ID	County Waukesha	County Code 6 8	Civil Town/City/ or Village Waukesha

Sample Number and Type	Length At. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	60/40		1	CONCRETE and base coarse										Sample 2 - 4 feet
			2	FILL: brown/tan silty clay										
			3	SAND: tan fine										
			4	SAND: brown fine with trace coarse sand										
2	60/48		5	SAND: brown fine with trace coarse sand									Sample 6 - 7 feet	
			6	SILT: brown / tan										

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.





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<input checked="" type="checkbox"/> <b>Verification Only of Fill and Seal</b>	<b>Route to DNR Bureau:</b>		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

1. Well Location Information				2. Facility / Owner Information			
County Waukesha		WI Unique Well # of Removed Well _____		Hicap # / Boring # TW - 1		Facility Name 2300 W. St. Paul Avenue	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 2300 W. St. Paul Avenue	
1/4 1/4 SE or Gov't Lot #		Section 8		Township 06 N		Range 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 2300 W. St. Paul Avenue				Original Well Owner 2300 W. St. Paul Avenue			
Well City, Village or Town Waukesha				Present Well Owner 2300 W. St. Paul Avenue			
Subdivision Name				Well ZIP Code 53188		Mailing Address of Present Owner 2300 W. St. Paul Avenue	
Lot #				City of Present Owner Waukesha		State WI	ZIP Code 53188

Reason for Removal from Service Investigation		WI Unique Well # of Replacement Well		<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 12/06/2019		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
		If a Well Construction Report is available, please attach.		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Direct push</u>				Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite Chips			
Total Well Depth From Ground Surface (ft.) 15		Casing Diameter (in.) 1		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Lower Drillhole Diameter (in.) 3		Casing Depth (ft.) 10					
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown							
If yes, to what depth (feet)?		Depth to Water (feet)					

5. Material Used to Fill Well / Drillhole			
Granular bentonite	From (ft.) Surface	To (ft.) 15	No. Yards, Sacks Sealant or Volume (circle one) 100 pounds

6. Comments	

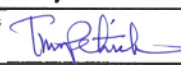
7. Supervision of Work			DNR Use Only		
Name of Person or Firm Doing Filling & Sealing GESTRA Engineering		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 12/12/2019	Date Received	Noted By
Street or Route 191 E. Edgerton Avenue			Telephone Number ( 414 ) 933-7444	Comments	
City Milwaukee	State WI	ZIP Code 53205	Signature of Person Doing Work 	Date Signed 12/10/2019	

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

Facility/Project Name 2300 W. St. Paul Avenue, Waukesha		License/Permit/Monitoring Number	Boring Number TW - 2
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Brian Last Name: Firm: Gestra Engineering		Date Drilling Started 12 / 06 / 2019 m m / d d / y y y y	Date Drilling Completed 12 / 06 / 2019 m m / d d / y y y y
Drilling Method Direct Push	WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E SE 1/4 of SE 1/4 of Section 08, T 06 N, R 19 E		Local Grid Location Lat 0 ' " Long 0 ' " <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
Facility ID	County Waukesha	County Code 6 8	Civil Town/City/ or Village Waukesha

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
1	60/26		0	CONCRETE and base coarse												
			1	FILL: brown/tan silty clay, some crushed limestone												
			2	SAND: tan fine												Sample 2 - 4 feet
			3													
2	60/38		4													
			5													
			6													
			7													
			8													
			9													
			10												Sample 8 - 10 feet	

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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<input checked="" type="checkbox"/> <b>Verification Only of Fill and Seal</b>	<b>Route to DNR Bureau:</b>		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

1. Well Location Information				2. Facility / Owner Information			
County Waukesha		WI Unique Well # of Removed Well		Hicap # / Boring # TW - 2		Facility Name 2300 W. St. Paul Avenue	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 2300 W. St. Paul Avenue	
1/4 1/4 SE or Gov't Lot #		Section 8		Township 06 N		Range 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 2300 W. St. Paul Avenue				Original Well Owner 2300 W. St. Paul Avenue			
Well City, Village or Town Waukesha				Present Well Owner 2300 W. St. Paul Avenue			
Subdivision Name				Well ZIP Code 53188		Mailing Address of Present Owner 2300 W. St. Paul Avenue	
				Lot #		City of Present Owner Waukesha	
						State WI	
						ZIP Code 53188	

Reason for Removal from Service Investigation		WI Unique Well # of Replacement Well		<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 12/06/2019		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Direct push</u>				Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) 15		Casing Diameter (in.) 1		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) 3		Casing Depth (ft.) 10		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
If yes, to what depth (feet)?				If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Depth to Water (feet)				If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<b>5. Material Used to Fill Well / Drillhole</b>				Required Method of Placing Sealing Material			
Granular bentonite		From (ft.) Surface		To (ft.) 15		No. Yards, Sacks Sealant or Volume (circle one) 100 pounds	
						Mix Ratio or Mud Weight	
<b>6. Comments</b>							

<b>5. Material Used to Fill Well / Drillhole</b>				<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>			
Granular bentonite		From (ft.) Surface		To (ft.) 15		No. Yards, Sacks Sealant or Volume (circle one) 100 pounds	
						Mix Ratio or Mud Weight	
<b>6. Comments</b>							

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing GESTRA Engineering		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 12/12/2019	Date Received	Noted By
Street or Route 191 E. Edgerton Avenue			Telephone Number (414 ) 933-7444	Comments	
City Milwaukee		State WI	ZIP Code 53205	Signature of Person Doing Work 	Date Signed 12/10/2019

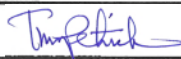


Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Facility/Project Name 2300 W. St. Paul Avenue, Waukesha		License/Permit/Monitoring Number	Boring Number MW - 11
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Brian Last Name: Firm: Gestra Engineering		Date Drilling Started 12 / 05 / 2019 m m / d d / y y y y	Date Drilling Completed 12 / 05 / 2019 m m / d d / y y y y
Drilling Method Direct Push	WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E SE 1/4 of SE 1/4 of Section 08, T 06 N, R 19 E		Local Grid Location Lat 0 ' " Long 0 ' " <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
Facility ID	County Waukesha	County Code 6 8	Civil Town/City/ or Village Waukesha

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
1	60/28		0	ASPHALT and base coarse												
			1	SAND: brown fine, trace coarse												
2	60/44		9	SILT: gray												
			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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Facility/Project Name Fox Run	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name MW - 11
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>	Wis. Unique Well No.   DNR Well ID No.
Facility ID	Lat. _____ "Long. _____ "	Date Well Installed 12/05/2019 m m d d y y y y
Type of Well Well Code 11 / MW	St. Plane _____ ft. N. _____ ft. E. S/C/N	Well Installed By: Name (first, last) and Firm Gestra Engineering Bryan Sargent
Distance from Waste/Source _____ ft.	Section Location of Waste/Source SE 1/4 of SE 1/4 of Sec. 08 T. 06 N. R. 19 <input type="checkbox"/> E <input type="checkbox"/> W	
Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation _____ ft. MSL		1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL		2. Protective cover pipe: a. Inside diameter: <u>8</u> in. b. Length: <u>10</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation <u>810.35</u> ft. MSL		d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: <u>expandable cap.</u>
D. Surface seal, bottom _____ ft. MSL or <u>1</u> ft.		3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>		4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input type="checkbox"/> No 14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>		5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99 16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____ 17. Source of water (attach analysis, if required): _____		6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or <u>1</u> ft.	7. Fine sand material: Manufacturer, product name & mesh size a. <u>Red Flint #15</u> b. Volume added <u>1/2 bag</u> ft <sup>3</sup>	8. Filter pack material: Manufacturer, product name & mesh size a. <u>Red Flint #40</u> b. Volume added <u>5 bags</u> ft <sup>3</sup>
F. Fine sand, top _____ ft. MSL or <u>3</u> ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>	10. Screen material: <u>PVC.</u> a. Screen type: Factory cut <input type="checkbox"/> 11 Continuous slot <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
G. Filter pack, top _____ ft. MSL or <u>4</u> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>	
H. Screen joint, top _____ ft. MSL or _____ ft.		
I. Well bottom _____ ft. MSL or <u>15</u> ft.		
J. Filter pack, bottom _____ ft. MSL or _____ ft.		
K. Borehole, bottom _____ ft. MSL or <u>15</u> ft.		
L. Borehole, diameter <u>10</u> in.		
M. O.D. well casing <u>2.38</u> in.		
N. I.D. well casing <u>2</u> in.		

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

Signature Bryan Sargent Firm Gestra Engineering

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.

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

Facility/Project Name 2300 W. St. Paul Avenue, Waukesha	County Name Waukesha	Well Name MW - 11	
Facility License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number _____	DNR Well ID Number _____

1. Can this well be purged dry?  Yes  No

2. Well development method
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - Other \_\_\_\_\_

3. Time spent developing well \_\_\_\_\_ 45 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 13.00 ft.

5. Inside diameter of well \_\_\_\_\_ 2.07 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 4.5 gal.

7. Volume of water removed from well \_\_\_\_\_ 11 gal.

8. Volume of water added (if any) \_\_\_\_\_ 0 gal.

9. Source of water added N/A

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

17. Additional comments on development:

Well was bailed dry 3 times

11. Depth to Water Before Development After Development

(from top of well casing) a. \_\_\_\_\_ 7.99 ft. \_\_\_\_\_ 12.8 ft.

Date b. 12/12/2019 12/12/2019  
m m d d y y y y m m d d y y y y

Time c. 9:00  a.m. 10:45  a.m.  
 p.m.  p.m.

12. Sediment in well bottom \_\_\_\_\_ 6 inches \_\_\_\_\_ 6 inches

13. Water clarity Clear  1 0 Clear  2 0  
Turbid  1 5 Turbid  2 5  
(Describe) (Describe)  
\_\_\_\_\_ gray silt  
\_\_\_\_\_  
\_\_\_\_\_

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

14. Total suspended \_\_\_\_\_ N/A mg/l \_\_\_\_\_ N/A mg/l  
solids

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

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Bailey Last Name: Copeland

Facility/Firm: Fox Run 3, LLC

Street: W233 N2847 Roundy Circle West

City/State/Zip: Pewaukee, WI 53072

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

Signature: 

Print Name: Tim Petrick

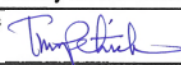
Firm: Endpoint Solutions

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

Facility/Project Name 2300 W. St. Paul Avenue, Waukesha			License/Permit/Monitoring Number		Boring Number MW - 12		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Brian Last Name: Firm: Gestra Engineering			Date Drilling Started 12 / 05 / 2019 m m / d d / y y y y		Date Drilling Completed 12 / 05 / 2019 m m / d d / y y y y		
WI Unique Well No.		DNR Well ID No.	Well Name		Final Static Water Level Feet MSL		
					Surface Elevation Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane <input type="checkbox"/> N, <input type="checkbox"/> E		Lat <input type="checkbox"/> ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
SE 1/4 of SE 1/4 of Section 08		T 06 N, R 19 E		Long <input type="checkbox"/> ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Waukesha		County Code 6 8		Civil Town/City/ or Village Waukesha	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60/34		1	ASPHALT and base coarse											
			2	FILL: silty clay, brown fine sand, limestone											
2	60/44		5	SAND: brown fine, trace coarse											
			9	SAND: tan fine well graded											
			10	SILT: gray											

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

Signature 	Firm Endpoint Solutions Corp.
---	----------------------------------

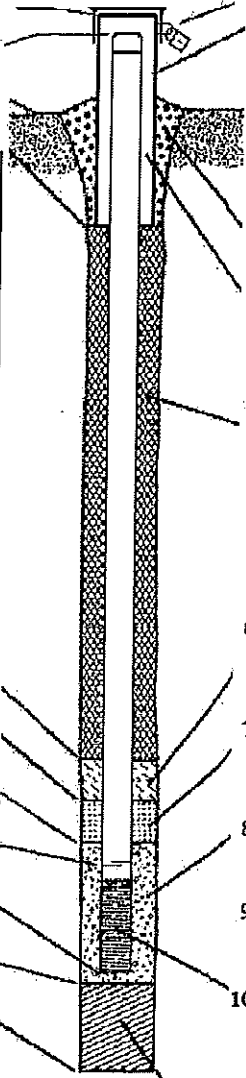
This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally 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.





Facility/Project Name Fox Run	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW - 12
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>	Wis. Unique Well No.	DNR Well ID No.
Facility ID	Lat. " Long. " or "	Date Well Installed 12/05/2019 m m d d y y y y	
Type of Well Well Code 11 / MW	St. Plane ft. N. ft. E. S/C/N	Well Installed By: Name (first, last) and Firm Gestra Engineering Bryan Sargent	
Distance from Waste/ Source ft.	Enf. Stds. Apply <input type="checkbox"/>	Section Location of Waste/Source Se 1/4 of SE 1/4 of Sec. 08 T. 06 N. R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Gov. Lot Number
	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		

A. Protective pipe, top elevation	ft. MSL	1. Cap and lock?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation	ft. MSL	2. Protective cover pipe:	
C. Land surface elevation	811.23 ft. MSL	a. Inside diameter:	3 in.
D. Surface seal, bottom	ft. MSL or 1 ft.	b. Length:	10 ft.
		c. Material:	Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen:		d. Additional protection?	<input type="checkbox"/> Yes <input type="checkbox"/> No
GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>		If yes, describe: <u>expandable cap</u>	
13. Sieve analysis performed?	<input type="checkbox"/> Yes <input type="checkbox"/> No	3. Surface seal:	Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used:	Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe:	Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99		5. Annular space seal:	a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 35 c. Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 31 d. % Bentonite... Bentonite-cement grout <input type="checkbox"/> 50 e. Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
16. Drilling additives used?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Bentonite seal:	a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. Other <input type="checkbox"/>
Describe		7. Fine sand material: Manufacturer, product name & mesh size	
17. Source of water (attach analysis, if required):		a. <u>Red Flint #15</u>	
		b. Volume added <u>1/2 bag</u> ft <sup>3</sup>	
E. Bentonite seal, top	ft. MSL or 1 ft.	8. Filter pack material: Manufacturer, product name & mesh size	
F. Fine sand, top	ft. MSL or 3 ft.	a. <u>Red Flint #40</u>	
G. Filter pack, top	ft. MSL or 4 ft.	b. Volume added <u>Shay</u> ft <sup>3</sup>	
H. Screen joint, top	ft. MSL or ft.	9. Well casing:	Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
I. Well bottom	ft. MSL or 15 ft.	10. Screen material: <u>PVC</u>	
J. Filter pack, bottom	ft. MSL or ft.	a. Screen type:	Factory cut <input type="checkbox"/> 11 Continuous slot <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
K. Borehole, bottom	ft. MSL or 15 ft.	b. Manufacturer <u>Johnson Screen</u>	
L. Borehole, diameter	10 in.	c. Slot size:	0.010 in.
M. O.D. well casing	2.38 in.	d. Slotted length:	10 ft.
N. I.D. well casing	2 in.	11. Backfill material (below filter pack):	None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>



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

Signature: Bryan Sargent Firm: Gestra Engineering

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.

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

Facility/Project Name 2300 W. St. Paul Avenue, Waukesha	County Name Waukesha	Well Name MW - 12	
Facility License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number _____	DNR Well ID Number _____

1. Can this well be purged dry?  Yes  No

2. Well development method
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - Other \_\_\_\_\_

3. Time spent developing well \_\_\_\_\_ 45 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 13.88 ft.

5. Inside diameter of well \_\_\_\_\_ 2.07 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 4.64 gal.

7. Volume of water removed from well \_\_\_\_\_ 5 gal.

8. Volume of water added (if any) \_\_\_\_\_ 0 gal.

9. Source of water added N/A

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

17. Additional comments on development:

Well was bailed dry 3 times

11. Depth to Water Before Development After Development

(from top of well casing) a. \_\_\_\_\_ 8.60 ft. \_\_\_\_\_ 13.0 ft.

Date b. 12/12/2019 12/12/2019  
m m d d y y y y m m d d y y y y

Time c. 9:05  a.m. 10:45  a.m.  
 p.m.  p.m.

12. Sediment in well bottom \_\_\_\_\_ 6 inches \_\_\_\_\_ 6 inches

13. Water clarity Clear  1 0 Clear  2 0  
Turbid  1 5 Turbid  2 5  
(Describe) (Describe)  
\_\_\_\_\_ gray silt  
\_\_\_\_\_  
\_\_\_\_\_

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

14. Total suspended \_\_\_\_\_ N/A mg/l \_\_\_\_\_ N/A mg/l  
solids

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

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Bailey Last Name: Copeland

Facility/Firm: Fox Run 3, LLC

Street: W233 N2847 Roundy Circle West

City/State/Zip: Pewaukee, WI 53072

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

Signature: 

Print Name: Tim Petrick

Firm: 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 12-Dec-19

Project Name FOX RUN  
Project # 525-008-002  
Lab Code 5037224A  
Sample ID VP-10  
Sample Matrix Air  
Sample Date 12/3/2019

Invoice # E37224

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	63	ug/m3	0.299	0.95	1	TO-15		12/10/2019	CJR	1
Acrolein	< 0.094	ug/m3	0.094	0.299	1	TO-15		12/10/2019	CJR	1
Benzene	2.3	ug/m3	0.136	0.433	1	TO-15		12/10/2019	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		12/10/2019	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		12/10/2019	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		12/10/2019	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		12/10/2019	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		12/10/2019	CJR	1
Carbon Disulfide	3.9	ug/m3	0.138	0.44	1	TO-15		12/10/2019	CJR	1
Carbon Tetrachloride	0.44 "J"	ug/m3	0.307	0.978	1	TO-15		12/10/2019	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		12/10/2019	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		12/10/2019	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		12/10/2019	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		12/10/2019	CJR	1
Cyclohexane	2.38	ug/m3	0.212	0.674	1	TO-15		12/10/2019	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		12/10/2019	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		12/10/2019	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		12/10/2019	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		12/10/2019	CJR	1
Dichlorodifluoromethane	2.82	ug/m3	0.263	0.836	1	TO-15		12/10/2019	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		12/10/2019	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		12/10/2019	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		12/10/2019	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		12/10/2019	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		12/10/2019	CJR	1



Project Name FOX RUN  
Project # 525-008-002

Invoice # E37224

Lab Code 5037224A  
Sample ID VP-10  
Sample Matrix Air  
Sample Date 12/3/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		12/10/2019	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		12/10/2019	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		12/10/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		12/10/2019	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		12/10/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		12/10/2019	CJR	1
Ethanol	29.5	ug/m3	0.152	0.482	1	TO-15		12/10/2019	CJR	1
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		12/10/2019	CJR	1
Ethylbenzene	2.12	ug/m3	0.203	0.645	1	TO-15		12/10/2019	CJR	1
4-Ethyltoluene	0.39 "J"	ug/m3	0.214	0.681	1	TO-15		12/10/2019	CJR	1
Heptane	8.7	ug/m3	0.265	0.845	1	TO-15		12/10/2019	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		12/10/2019	CJR	1
Hexane	8.4	ug/m3	0.235	0.748	1	TO-15		12/10/2019	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		12/10/2019	CJR	1
Isopropyl Alcohol	3.2	ug/m3	0.109	0.347	1	TO-15		12/10/2019	CJR	1
Methyl ethyl ketone (MEK)	3.07	ug/m3	0.178	0.567	1	TO-15		12/10/2019	CJR	1
Methyl isobutyl ketone (MIBK)	0.49 "J"	ug/m3	0.168	0.536	1	TO-15		12/10/2019	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		12/10/2019	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		12/10/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		12/10/2019	CJR	1
Naphthalene	0.73 "J"	ug/m3	0.675	2.15	1	TO-15		12/10/2019	CJR	1
Propene	< 0.079	ug/m3	0.079	0.251	1	TO-15		12/10/2019	CJR	1
Styrene	0.213 "J"	ug/m3	0.181	0.577	1	TO-15		12/10/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		12/10/2019	CJR	1
Tetrachloroethene	13.6	ug/m3	0.278	0.884	1	TO-15		12/10/2019	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		12/10/2019	CJR	1
Toluene	5.5	ug/m3	0.184	0.585	1	TO-15		12/10/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		12/10/2019	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		12/10/2019	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		12/10/2019	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		12/10/2019	CJR	1
Trichlorofluoromethane	7.3	ug/m3	0.337	1.07	1	TO-15		12/10/2019	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		12/10/2019	CJR	1
1,2,4-Trimethylbenzene	1.72	ug/m3	0.283	0.899	1	TO-15		12/10/2019	CJR	1
1,3,5-Trimethylbenzene	0.44 "J"	ug/m3	0.232	0.739	1	TO-15		12/10/2019	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		12/10/2019	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		12/10/2019	CJR	1
m&p-Xylene	2.56	ug/m3	0.377	1.2	1	TO-15		12/10/2019	CJR	1
o-Xylene	1.21	ug/m3	0.218	0.695	1	TO-15		12/10/2019	CJR	1

Project Name FOX RUN  
 Project # 525-008-002

Invoice # E37224

Lab Code 5037224B  
 Sample ID VP-9  
 Sample Matrix Air  
 Sample Date 12/3/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	104	ug/m3	2.99	9.5	10	TO-15		12/10/2019	CJR	1
Acrolein	< 0.94	ug/m3	0.94	2.99	10	TO-15		12/10/2019	CJR	1
Benzene	13.1	ug/m3	1.36	4.33	10	TO-15		12/10/2019	CJR	1
Benzyl Chloride	< 2.09	ug/m3	2.09	6.65	10	TO-15		12/10/2019	CJR	1
Bromodichloromethane	< 3.74	ug/m3	3.74	11.9	10	TO-15		12/10/2019	CJR	1
Bromoform	< 4.14	ug/m3	4.14	13.2	10	TO-15		12/10/2019	CJR	1
Bromomethane	< 2	ug/m3	2	6.37	10	TO-15		12/10/2019	CJR	1
1,3-Butadiene	< 1.43	ug/m3	1.43	4.54	10	TO-15		12/10/2019	CJR	1
Carbon Disulfide	7.8	ug/m3	1.38	4.4	10	TO-15		12/10/2019	CJR	1
Carbon Tetrachloride	< 3.07	ug/m3	3.07	9.78	10	TO-15		12/10/2019	CJR	1
Chlorobenzene	< 2.51	ug/m3	2.51	7.98	10	TO-15		12/10/2019	CJR	1
Chloroethane	< 1.59	ug/m3	1.59	5.07	10	TO-15		12/10/2019	CJR	1
Chloroform	< 3	ug/m3	3	9.53	10	TO-15		12/10/2019	CJR	1
Chloromethane	< 8.31	ug/m3	8.31	26.4	10	TO-15		12/10/2019	CJR	1
Cyclohexane	23.1	ug/m3	2.12	6.74	10	TO-15		12/10/2019	CJR	1
Dibromochloromethane	< 3.76	ug/m3	3.76	12	10	TO-15		12/10/2019	CJR	1
1,4-Dichlorobenzene	< 3.02	ug/m3	3.02	9.6	10	TO-15		12/10/2019	CJR	1
1,3-Dichlorobenzene	< 3.02	ug/m3	3.02	9.6	10	TO-15		12/10/2019	CJR	1
1,2-Dichlorobenzene	< 2.35	ug/m3	2.35	7.49	10	TO-15		12/10/2019	CJR	1
Dichlorodifluoromethane	13.8	ug/m3	2.63	8.36	10	TO-15		12/10/2019	CJR	1
1,2-Dichloroethane	< 2.4	ug/m3	2.4	7.63	10	TO-15		12/10/2019	CJR	1
1,1-Dichloroethane	< 1.87	ug/m3	1.87	5.96	10	TO-15		12/10/2019	CJR	1
1,1-Dichloroethene	< 2.1	ug/m3	2.1	6.68	10	TO-15		12/10/2019	CJR	1
cis-1,2-Dichloroethene	< 1.97	ug/m3	1.97	6.26	10	TO-15		12/10/2019	CJR	1
trans-1,2-Dichloroethene	< 2.31	ug/m3	2.31	7.34	10	TO-15		12/10/2019	CJR	1
1,2-Dichloropropane	< 2.8	ug/m3	2.8	8.9	10	TO-15		12/10/2019	CJR	1
trans-1,3-Dichloropropene	< 1.98	ug/m3	1.98	6.3	10	TO-15		12/10/2019	CJR	1
cis-1,3-Dichloropropene	< 2.34	ug/m3	2.34	7.45	10	TO-15		12/10/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 4.46	ug/m3	4.46	14.2	10	TO-15		12/10/2019	CJR	1
1,4-Dioxane	< 1.57	ug/m3	1.57	5	10	TO-15		12/10/2019	CJR	1
EDB (1,2-Dibromoethane)	< 3.42	ug/m3	3.42	10.9	10	TO-15		12/10/2019	CJR	1
Ethanol	43	ug/m3	1.52	4.82	10	TO-15		12/10/2019	CJR	1
Ethyl Acetate	< 1.76	ug/m3	1.76	5.59	10	TO-15		12/10/2019	CJR	1
Ethylbenzene	31.2	ug/m3	2.03	6.45	10	TO-15		12/10/2019	CJR	1
4-Ethyltoluene	< 2.14	ug/m3	2.14	6.81	10	TO-15		12/10/2019	CJR	1
Heptane	65	ug/m3	2.65	8.45	10	TO-15		12/10/2019	CJR	1
Hexachlorobutadiene	< 4.89	ug/m3	4.89	15.6	10	TO-15		12/10/2019	CJR	1
Hexane	95	ug/m3	2.35	7.48	10	TO-15		12/10/2019	CJR	1
2-Hexanone	< 2.22	ug/m3	2.22	7.07	10	TO-15		12/10/2019	CJR	1
Isopropyl Alcohol	4.9	ug/m3	1.09	3.47	10	TO-15		12/10/2019	CJR	1
Methyl ethyl ketone (MEK)	< 1.78	ug/m3	1.78	5.67	10	TO-15		12/10/2019	CJR	1
Methyl isobutyl ketone (MIBK)	< 1.68	ug/m3	1.68	5.36	10	TO-15		12/10/2019	CJR	1
Methyl Methacrylate	< 2.17	ug/m3	2.17	6.9	10	TO-15		12/10/2019	CJR	1
Methylene chloride	< 150	ug/m3	1.59	5.06	10	TO-15		12/10/2019	CJR	1

Project Name FOX RUN  
Project # 525-008-002

Invoice # E37224

Lab Code 5037224B  
Sample ID VP-9  
Sample Matrix Air  
Sample Date 12/3/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 1.6	ug/m3	1.6	5.09	10	TO-15		12/10/2019	CJR	1
Naphthalene	< 6.75	ug/m3	6.75	21.5	10	TO-15		12/10/2019	CJR	1
Propene	< 0.79	ug/m3	0.79	2.51	10	TO-15		12/10/2019	CJR	1
Styrene	2.55 "J"	ug/m3	1.81	5.77	10	TO-15		12/10/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 3.25	ug/m3	3.25	10.3	10	TO-15		12/10/2019	CJR	1
Tetrachloroethene	24000	ug/m3	278	884	1000	TO-15		12/11/2019	CJR	1
Tetrahydrofuran	< 1.31	ug/m3	1.31	4.17	10	TO-15		12/10/2019	CJR	1
Toluene	47	ug/m3	1.84	5.85	10	TO-15		12/10/2019	CJR	1
1,2,4-Trichlorobenzene	< 6.57	ug/m3	6.57	20.9	10	TO-15		12/10/2019	CJR	1
1,1,1-Trichloroethane	< 2.49	ug/m3	2.49	7.93	10	TO-15		12/10/2019	CJR	1
1,1,2-Trichloroethane	< 2.58	ug/m3	2.58	8.22	10	TO-15		12/10/2019	CJR	1
Trichloroethene (TCE)	< 2.37	ug/m3	2.37	7.54	10	TO-15		12/10/2019	CJR	1
Trichlorofluoromethane	12.4	ug/m3	3.37	10.7	10	TO-15		12/10/2019	CJR	1
Trichlorotrifluoroethane	< 4.02	ug/m3	4.02	12.8	10	TO-15		12/10/2019	CJR	1
1,2,4-Trimethylbenzene	9.8	ug/m3	2.83	8.99	10	TO-15		12/10/2019	CJR	1
1,3,5-Trimethylbenzene	2.45 "J"	ug/m3	2.32	7.39	10	TO-15		12/10/2019	CJR	1
Vinyl acetate	< 2.03	ug/m3	2.03	6.45	10	TO-15		12/10/2019	CJR	1
Vinyl Chloride	< 1.48	ug/m3	1.48	4.72	10	TO-15		12/10/2019	CJR	1
m&p-Xylene	46	ug/m3	3.77	12	10	TO-15		12/10/2019	CJR	1
o-Xylene	17.3	ug/m3	2.18	6.95	10	TO-15		12/10/2019	CJR	1

Project Name FOX RUN  
 Project # 525-008-002

Invoice # E37224

Lab Code 5037224C  
 Sample ID VP-7  
 Sample Matrix Air  
 Sample Date 12/3/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	220	ug/m3	2.99	9.5	10	TO-15		12/10/2019	CJR	1
Acrolein	< 0.94	ug/m3	0.94	2.99	10	TO-15		12/10/2019	CJR	1
Benzene	8	ug/m3	1.36	4.33	10	TO-15		12/10/2019	CJR	1
Benzyl Chloride	< 2.09	ug/m3	2.09	6.65	10	TO-15		12/10/2019	CJR	1
Bromodichloromethane	< 3.74	ug/m3	3.74	11.9	10	TO-15		12/10/2019	CJR	1
Bromoform	< 4.14	ug/m3	4.14	13.2	10	TO-15		12/10/2019	CJR	1
Bromomethane	< 2	ug/m3	2	6.37	10	TO-15		12/10/2019	CJR	1
1,3-Butadiene	< 1.43	ug/m3	1.43	4.54	10	TO-15		12/10/2019	CJR	1
Carbon Disulfide	1.87 "J"	ug/m3	1.38	4.4	10	TO-15		12/10/2019	CJR	1
Carbon Tetrachloride	< 3.07	ug/m3	3.07	9.78	10	TO-15		12/10/2019	CJR	1
Chlorobenzene	< 2.51	ug/m3	2.51	7.98	10	TO-15		12/10/2019	CJR	1
Chloroethane	< 1.59	ug/m3	1.59	5.07	10	TO-15		12/10/2019	CJR	1
Chloroform	3.4 "J"	ug/m3	3	9.53	10	TO-15		12/10/2019	CJR	1
Chloromethane	< 8.31	ug/m3	8.31	26.4	10	TO-15		12/10/2019	CJR	1
Cyclohexane	16.2	ug/m3	2.12	6.74	10	TO-15		12/10/2019	CJR	1
Dibromochloromethane	< 3.76	ug/m3	3.76	12	10	TO-15		12/10/2019	CJR	1
1,4-Dichlorobenzene	< 3.02	ug/m3	3.02	9.6	10	TO-15		12/10/2019	CJR	1
1,3-Dichlorobenzene	< 3.02	ug/m3	3.02	9.6	10	TO-15		12/10/2019	CJR	1
1,2-Dichlorobenzene	< 2.35	ug/m3	2.35	7.49	10	TO-15		12/10/2019	CJR	1
Dichlorodifluoromethane	34	ug/m3	2.63	8.36	10	TO-15		12/10/2019	CJR	1
1,2-Dichloroethane	< 2.4	ug/m3	2.4	7.63	10	TO-15		12/10/2019	CJR	1
1,1-Dichloroethane	< 1.87	ug/m3	1.87	5.96	10	TO-15		12/10/2019	CJR	1
1,1-Dichloroethene	< 2.1	ug/m3	2.1	6.68	10	TO-15		12/10/2019	CJR	1
cis-1,2-Dichloroethene	< 1.97	ug/m3	1.97	6.26	10	TO-15		12/10/2019	CJR	1
trans-1,2-Dichloroethene	< 2.31	ug/m3	2.31	7.34	10	TO-15		12/10/2019	CJR	1
1,2-Dichloropropane	< 2.8	ug/m3	2.8	8.9	10	TO-15		12/10/2019	CJR	1
trans-1,3-Dichloropropene	< 1.98	ug/m3	1.98	6.3	10	TO-15		12/10/2019	CJR	1
cis-1,3-Dichloropropene	< 2.34	ug/m3	2.34	7.45	10	TO-15		12/10/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 4.46	ug/m3	4.46	14.2	10	TO-15		12/10/2019	CJR	1
1,4-Dioxane	< 1.57	ug/m3	1.57	5	10	TO-15		12/10/2019	CJR	1
EDB (1,2-Dibromoethane)	< 3.42	ug/m3	3.42	10.9	10	TO-15		12/10/2019	CJR	1
Ethanol	52	ug/m3	1.52	4.82	10	TO-15		12/10/2019	CJR	1
Ethyl Acetate	< 1.76	ug/m3	1.76	5.59	10	TO-15		12/10/2019	CJR	1
Ethylbenzene	9.5	ug/m3	2.03	6.45	10	TO-15		12/10/2019	CJR	1
4-Ethyltoluene	< 2.14	ug/m3	2.14	6.81	10	TO-15		12/10/2019	CJR	1
Heptane	36	ug/m3	2.65	8.45	10	TO-15		12/10/2019	CJR	1
Hexachlorobutadiene	< 4.89	ug/m3	4.89	15.6	10	TO-15		12/10/2019	CJR	1
Hexane	60	ug/m3	2.35	7.48	10	TO-15		12/10/2019	CJR	1
2-Hexanone	< 2.22	ug/m3	2.22	7.07	10	TO-15		12/10/2019	CJR	1
Isopropyl Alcohol	8.6	ug/m3	1.09	3.47	10	TO-15		12/10/2019	CJR	1
Methyl ethyl ketone (MEK)	8	ug/m3	1.78	5.67	10	TO-15		12/10/2019	CJR	1
Methyl isobutyl ketone (MIBK)	< 1.68	ug/m3	1.68	5.36	10	TO-15		12/10/2019	CJR	1
Methyl Methacrylate	< 2.17	ug/m3	2.17	6.9	10	TO-15		12/10/2019	CJR	1
Methylene chloride	< 150	ug/m3	1.59	5.06	10	TO-15		12/10/2019	CJR	1

Project Name FOX RUN  
Project # 525-008-002

Invoice # E37224

Lab Code 5037224C  
Sample ID VP-7  
Sample Matrix Air  
Sample Date 12/3/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 1.6	ug/m3	1.6	5.09	10	TO-15		12/10/2019	CJR	1
Naphthalene	< 6.75	ug/m3	6.75	21.5	10	TO-15		12/10/2019	CJR	1
Propene	< 0.79	ug/m3	0.79	2.51	10	TO-15		12/10/2019	CJR	1
Styrene	< 1.81	ug/m3	1.81	5.77	10	TO-15		12/10/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 3.25	ug/m3	3.25	10.3	10	TO-15		12/10/2019	CJR	1
Tetrachloroethene	5700	ug/m3	13.9	44.2	50	TO-15		12/11/2019	CJR	1
Tetrahydrofuran	< 1.31	ug/m3	1.31	4.17	10	TO-15		12/10/2019	CJR	1
Toluene	18.5	ug/m3	1.84	5.85	10	TO-15		12/10/2019	CJR	1
1,2,4-Trichlorobenzene	< 6.57	ug/m3	6.57	20.9	10	TO-15		12/10/2019	CJR	1
1,1,1-Trichloroethane	< 2.49	ug/m3	2.49	7.93	10	TO-15		12/10/2019	CJR	1
1,1,2-Trichloroethane	< 2.58	ug/m3	2.58	8.22	10	TO-15		12/10/2019	CJR	1
Trichloroethene (TCE)	< 2.37	ug/m3	2.37	7.54	10	TO-15		12/10/2019	CJR	1
Trichlorofluoromethane	101	ug/m3	3.37	10.7	10	TO-15		12/10/2019	CJR	1
Trichlorotrifluoroethane	< 4.02	ug/m3	4.02	12.8	10	TO-15		12/10/2019	CJR	1
1,2,4-Trimethylbenzene	4.9 "J"	ug/m3	2.83	8.99	10	TO-15		12/10/2019	CJR	1
1,3,5-Trimethylbenzene	< 2.32	ug/m3	2.32	7.39	10	TO-15		12/10/2019	CJR	1
Vinyl acetate	< 2.03	ug/m3	2.03	6.45	10	TO-15		12/10/2019	CJR	1
Vinyl Chloride	< 1.48	ug/m3	1.48	4.72	10	TO-15		12/10/2019	CJR	1
m&p-Xylene	20.8	ug/m3	3.77	12	10	TO-15		12/10/2019	CJR	1
o-Xylene	8.7	ug/m3	2.18	6.95	10	TO-15		12/10/2019	CJR	1



Project Name FOX RUN  
 Project # 525-008-002

Invoice # E37224

Lab Code 5037224D  
 Sample ID VP-8  
 Sample Matrix Air  
 Sample Date 12/3/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	61	ug/m3	2.99	9.5	10	TO-15		12/10/2019	CJR	1
Acrolein	< 0.94	ug/m3	0.94	2.99	10	TO-15		12/10/2019	CJR	1
Benzene	13.4	ug/m3	1.36	4.33	10	TO-15		12/10/2019	CJR	1
Benzyl Chloride	< 2.09	ug/m3	2.09	6.65	10	TO-15		12/10/2019	CJR	1
Bromodichloromethane	< 3.74	ug/m3	3.74	11.9	10	TO-15		12/10/2019	CJR	1
Bromoform	< 4.14	ug/m3	4.14	13.2	10	TO-15		12/10/2019	CJR	1
Bromomethane	< 2	ug/m3	2	6.37	10	TO-15		12/10/2019	CJR	1
1,3-Butadiene	< 1.43	ug/m3	1.43	4.54	10	TO-15		12/10/2019	CJR	1
Carbon Disulfide	1.56 "J"	ug/m3	1.38	4.4	10	TO-15		12/10/2019	CJR	1
Carbon Tetrachloride	< 3.07	ug/m3	3.07	9.78	10	TO-15		12/10/2019	CJR	1
Chlorobenzene	< 2.51	ug/m3	2.51	7.98	10	TO-15		12/10/2019	CJR	1
Chloroethane	< 1.59	ug/m3	1.59	5.07	10	TO-15		12/10/2019	CJR	1
Chloroform	< 3	ug/m3	3	9.53	10	TO-15		12/10/2019	CJR	1
Chloromethane	< 8.31	ug/m3	8.31	26.4	10	TO-15		12/10/2019	CJR	1
Cyclohexane	18.9	ug/m3	2.12	6.74	10	TO-15		12/10/2019	CJR	1
Dibromochloromethane	< 3.76	ug/m3	3.76	12	10	TO-15		12/10/2019	CJR	1
1,4-Dichlorobenzene	< 3.02	ug/m3	3.02	9.6	10	TO-15		12/10/2019	CJR	1
1,3-Dichlorobenzene	< 3.02	ug/m3	3.02	9.6	10	TO-15		12/10/2019	CJR	1
1,2-Dichlorobenzene	< 2.35	ug/m3	2.35	7.49	10	TO-15		12/10/2019	CJR	1
Dichlorodifluoromethane	75	ug/m3	2.63	8.36	10	TO-15		12/10/2019	CJR	1
1,2-Dichloroethane	< 2.4	ug/m3	2.4	7.63	10	TO-15		12/10/2019	CJR	1
1,1-Dichloroethane	< 1.87	ug/m3	1.87	5.96	10	TO-15		12/10/2019	CJR	1
1,1-Dichloroethene	< 2.1	ug/m3	2.1	6.68	10	TO-15		12/10/2019	CJR	1
cis-1,2-Dichloroethene	< 1.97	ug/m3	1.97	6.26	10	TO-15		12/10/2019	CJR	1
trans-1,2-Dichloroethene	< 2.31	ug/m3	2.31	7.34	10	TO-15		12/10/2019	CJR	1
1,2-Dichloropropane	< 2.8	ug/m3	2.8	8.9	10	TO-15		12/10/2019	CJR	1
trans-1,3-Dichloropropene	< 1.98	ug/m3	1.98	6.3	10	TO-15		12/10/2019	CJR	1
cis-1,3-Dichloropropene	< 2.34	ug/m3	2.34	7.45	10	TO-15		12/10/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 4.46	ug/m3	4.46	14.2	10	TO-15		12/10/2019	CJR	1
1,4-Dioxane	< 1.57	ug/m3	1.57	5	10	TO-15		12/10/2019	CJR	1
EDB (1,2-Dibromoethane)	< 3.42	ug/m3	3.42	10.9	10	TO-15		12/10/2019	CJR	1
Ethanol	39	ug/m3	1.52	4.82	10	TO-15		12/10/2019	CJR	1
Ethyl Acetate	< 1.76	ug/m3	1.76	5.59	10	TO-15		12/10/2019	CJR	1
Ethylbenzene	10	ug/m3	2.03	6.45	10	TO-15		12/10/2019	CJR	1
4-Ethyltoluene	< 2.14	ug/m3	2.14	6.81	10	TO-15		12/10/2019	CJR	1
Heptane	49	ug/m3	2.65	8.45	10	TO-15		12/10/2019	CJR	1
Hexachlorobutadiene	< 4.89	ug/m3	4.89	15.6	10	TO-15		12/10/2019	CJR	1
Hexane	64	ug/m3	2.35	7.48	10	TO-15		12/10/2019	CJR	1
2-Hexanone	< 2.22	ug/m3	2.22	7.07	10	TO-15		12/10/2019	CJR	1
Isopropyl Alcohol	7.1	ug/m3	1.09	3.47	10	TO-15		12/10/2019	CJR	1
Methyl ethyl ketone (MEK)	6.8	ug/m3	1.78	5.67	10	TO-15		12/10/2019	CJR	1
Methyl isobutyl ketone (MIBK)	< 1.68	ug/m3	1.68	5.36	10	TO-15		12/10/2019	CJR	1
Methyl Methacrylate	< 2.17	ug/m3	2.17	6.9	10	TO-15		12/10/2019	CJR	1
Methylene chloride	< 150	ug/m3	1.59	5.06	10	TO-15		12/10/2019	CJR	1

**Project Name** FOX RUN  
**Project #** 525-008-002

**Invoice #** E37224

**Lab Code** 5037224D  
**Sample ID** VP-8  
**Sample Matrix** Air  
**Sample Date** 12/3/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 1.6	ug/m3	1.6	5.09	10	TO-15		12/10/2019	CJR	1
Naphthalene	< 6.75	ug/m3	6.75	21.5	10	TO-15		12/10/2019	CJR	1
Propene	< 0.79	ug/m3	0.79	2.51	10	TO-15		12/10/2019	CJR	1
Styrene	2.55 "J"	ug/m3	1.81	5.77	10	TO-15		12/10/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 3.25	ug/m3	3.25	10.3	10	TO-15		12/10/2019	CJR	1
Tetrachloroethene	2520	ug/m3	2.78	8.84	10	TO-15		12/10/2019	CJR	1
Tetrahydrofuran	< 1.31	ug/m3	1.31	4.17	10	TO-15		12/10/2019	CJR	1
Toluene	29	ug/m3	1.84	5.85	10	TO-15		12/10/2019	CJR	1
1,2,4-Trichlorobenzene	< 6.57	ug/m3	6.57	20.9	10	TO-15		12/10/2019	CJR	1
1,1,1-Trichloroethane	< 2.49	ug/m3	2.49	7.93	10	TO-15		12/10/2019	CJR	1
1,1,2-Trichloroethane	< 2.58	ug/m3	2.58	8.22	10	TO-15		12/10/2019	CJR	1
Trichloroethene (TCE)	< 2.37	ug/m3	2.37	7.54	10	TO-15		12/10/2019	CJR	1
Trichlorofluoromethane	72	ug/m3	3.37	10.7	10	TO-15		12/10/2019	CJR	1
Trichlorotrifluoroethane	< 4.02	ug/m3	4.02	12.8	10	TO-15		12/10/2019	CJR	1
1,2,4-Trimethylbenzene	4.9 "J"	ug/m3	2.83	8.99	10	TO-15		12/10/2019	CJR	1
1,3,5-Trimethylbenzene	< 2.32	ug/m3	2.32	7.39	10	TO-15		12/10/2019	CJR	1
Vinyl acetate	< 2.03	ug/m3	2.03	6.45	10	TO-15		12/10/2019	CJR	1
Vinyl Chloride	< 1.48	ug/m3	1.48	4.72	10	TO-15		12/10/2019	CJR	1
m&p-Xylene	10.8 "J"	ug/m3	3.77	12	10	TO-15		12/10/2019	CJR	1
o-Xylene	4.8 "J"	ug/m3	2.18	6.95	10	TO-15		12/10/2019	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**

Lab I.D. # \_\_\_\_\_  
 QUOTE # : \_\_\_\_\_  
 Project #: 525-008-002  
 Sampler: (signature) *Tim Fetrich*  
 Project (Name / Location): USS - Fox Run

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

Reports To: *Tim Fetrich*  
 Company: *Endpoint Solutions*  
 Address: *6871 S. Wavers Lane*  
 City State Zip: *Franklin WI*  
 Phone: *414 8581210*  
 Email: \_\_\_\_\_

Invoice To:  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City State Zip \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Email \_\_\_\_\_

**Analysis Requested**

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

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
S057224A	VP-10	2330	12/31/913	2	1	AIR	-
B	VP-9	2334	1040	1	1		-
C	VP-7	2350	1026	1	1		-
D	VP-8	2350	1027	1	1		-

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

VP-10 can 5627 27" WC 901 3" WC 915 VP-7 can 5630 26" WC 1013 3" WC 1026  
 VP-9 can 5634 28" WC 927 3" WC 940 VP-8 can 5644 27" WC 1014 3" WC 1027

Sample Integrity - To be completed by receiving lab.  
 Method of Shipment: *GC*  
 Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice: \_\_\_\_\_  
 Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) *Tim Fetrich*  
 Date: 12/3/19  
 Time: 1300

Received By: (sign) \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Received in Laboratory By: *Tim Fetrich*  
 Date: 12/4/19  
 Time: 8:00

# 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-Dec-19

Project Name FOX RUN  
Project # 525-008-002  
Lab Code 5037245A  
Sample ID TW-1 2-4'  
Sample Matrix Soil  
Sample Date 12/6/2019

Invoice # E37245

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.8	%			1	5021		12/9/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/16/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/16/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/16/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/16/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/16/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/16/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/16/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/16/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/16/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/16/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/16/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/16/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/16/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/16/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/16/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/16/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/16/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/16/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/16/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/16/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/16/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/16/2019	CJR	1

**Project Name** FOX RUN  
**Project #** 525-008-002

**Invoice #** E37245

**Lab Code** 5037245A  
**Sample ID** TW-1 2-4'  
**Sample Matrix** Soil  
**Sample Date** 12/6/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/16/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/16/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/16/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/16/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/16/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/16/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/16/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/16/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/16/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/16/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/16/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/16/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/16/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/16/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/16/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/16/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/16/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/16/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/16/2019	CJR	1
Tetrachloroethene	0.188	mg/kg	0.032	0.1	1	8260B		12/16/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/16/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/16/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/16/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/16/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/16/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		12/16/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/16/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/16/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/16/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/16/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/16/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/16/2019	CJR	1
SUR - Toluene-d8	95	Rec %			1	8260B		12/16/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		12/16/2019	CJR	1
SUR - 4-Bromofluorobenzene	100	Rec %			1	8260B		12/16/2019	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		12/16/2019	CJR	1



**Project Name** FOX RUN  
**Project #** 525-008-002

**Invoice #** E37245

**Lab Code** 5037245B  
**Sample ID** TW-1 6-7'  
**Sample Matrix** Soil  
**Sample Date** 12/6/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.4	%			1	5021		12/9/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/16/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/16/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/16/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/16/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/16/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/16/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/16/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/16/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/16/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/16/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/16/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/16/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/16/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/16/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/16/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/16/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/16/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/16/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/16/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/16/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/16/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/16/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/16/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/16/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/16/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/16/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/16/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/16/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/16/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/16/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/16/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/16/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/16/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/16/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/16/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/16/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/16/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/16/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/16/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/16/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/16/2019	CJR	1



**Project Name** FOX RUN  
**Project #** 525-008-002

**Invoice #** E37245

**Lab Code** 5037245B  
**Sample ID** TW-1 6-7'  
**Sample Matrix** Soil  
**Sample Date** 12/6/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Tetrachloroethene	0.178	mg/kg	0.032	0.1	1	8260B		12/16/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/16/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/16/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/16/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/16/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/16/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		12/16/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/16/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/16/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/16/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/16/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/16/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/16/2019	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		12/16/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			1	8260B		12/16/2019	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		12/16/2019	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		12/16/2019	CJR	1

**Project Name** FOX RUN  
**Project #** 525-008-002

**Invoice #** E37245

**Lab Code** 5037245C  
**Sample ID** TW-2 2-4'  
**Sample Matrix** Soil  
**Sample Date** 12/6/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.4	%			1	5021		12/9/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/13/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/13/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/13/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/13/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/13/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/13/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/13/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/13/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/13/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/13/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/13/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/13/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/13/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/13/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/13/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/13/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/13/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/13/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/13/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/13/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/13/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/13/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/13/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/13/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/13/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/13/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/13/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/13/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/13/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/13/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/13/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/13/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/13/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/13/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/13/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/13/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/13/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/13/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/13/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/13/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/13/2019	CJR	1

**Project Name** FOX RUN  
**Project #** 525-008-002

**Invoice #** E37245

**Lab Code** 5037245C  
**Sample ID** TW-2 2-4'  
**Sample Matrix** Soil  
**Sample Date** 12/6/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/13/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/13/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/13/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/13/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/13/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/13/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		12/13/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/13/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/13/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/13/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/13/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/13/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/13/2019	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		12/13/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		12/13/2019	CJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B		12/13/2019	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		12/13/2019	CJR	1

**Project Name** FOX RUN  
**Project #** 525-008-002

**Invoice #** E37245

**Lab Code** 5037245D  
**Sample ID** TW-2 8-10'  
**Sample Matrix** Soil  
**Sample Date** 12/6/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.1	%			1	5021		12/9/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		12/13/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		12/13/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		12/13/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		12/13/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		12/13/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/13/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		12/13/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		12/13/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		12/13/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		12/13/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		12/13/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		12/13/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		12/13/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		12/13/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		12/13/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/13/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/13/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		12/13/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		12/13/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		12/13/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		12/13/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		12/13/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		12/13/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/13/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		12/13/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		12/13/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		12/13/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		12/13/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		12/13/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		12/13/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		12/13/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		12/13/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		12/13/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		12/13/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		12/13/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		12/13/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		12/13/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		12/13/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		12/13/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		12/13/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		12/13/2019	CJR	1

**Project Name** FOX RUN  
**Project #** 525-008-002

**Invoice #** E37245

**Lab Code** 5037245D  
**Sample ID** TW-2 8-10'  
**Sample Matrix** Soil  
**Sample Date** 12/6/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/13/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/13/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		12/13/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		12/13/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		12/13/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		12/13/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		12/13/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		12/13/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		12/13/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		12/13/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		12/13/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		12/13/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		12/13/2019	CJR	1
SUR - Toluene-d8	95	Rec %			1	8260B		12/13/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		12/13/2019	CJR	1
SUR - 4-Bromofluorobenzene	103	Rec %			1	8260B		12/13/2019	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		12/13/2019	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 STUDY RECORD

# Synergy

## Environmental Lab, Inc.

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

Chain # No 41768

Page 1 of 1

### Sample Handling Request

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

Lab I.D. # \_\_\_\_\_  
 QUOTE #: \_\_\_\_\_  
 Project #: 525-008-002  
 Sampler: (signature) *Tim Petrich*

Project (Name / Location): VSS - Fox Run  
 Reports To: *Tim Petrich*  
 Company: *Endpoint Solutions*  
 Address: *6871 S. Lovers Lane*  
 City State Zip: *Franklin WI*  
 Phone: *414 858 1210*  
 Invoice To: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City State Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<i>SOSTASH TW-1</i>	<i>2-4'</i>	<i>12/19/19</i>	<i>900</i>	<i>2</i>	<i>1</i>	<i>soil</i>	<i>mesh</i>
<i>B TW-1</i>	<i>6-7'</i>	<i>↓</i>	<i>915</i>	<i>2</i>	<i>1</i>	<i> </i>	<i> </i>
<i>C TW-2</i>	<i>2-4'</i>	<i>↓</i>	<i>1000</i>	<i>2</i>	<i>1</i>	<i> </i>	<i> </i>
<i>D TW-2</i>	<i>8-10'</i>	<i>↓</i>	<i>1015</i>	<i>2</i>	<i>1</i>	<i> </i>	<i> </i>

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

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

Sample Integrity - To be completed by receiving lab.  
 Method of Shipment: *CE* °C On Ice:   
 Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice:   
 Cooler seal intact upon receipt:  Yes \_\_\_ No \_\_\_  
 Requisitioned By: (signature) *Tim Petrich* Date: *12/19/19*  
 Time: *1300*  
 Received By: (signature) \_\_\_\_\_ Date: *12/17/19*  
 Time: *1000*



# 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 06-Jan-20

Project Name VJS-FOX RUN  
Project # 525-008-002

Invoice # E37287

Lab Code 5037287A  
Sample ID MW-2  
Sample Matrix Water  
Sample Date 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		12/18/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/18/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/18/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/18/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/18/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/18/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/18/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/18/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/18/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/18/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		12/18/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/18/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/18/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/18/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/18/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/18/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/18/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/18/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/18/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/18/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/18/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/18/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/18/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		12/18/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		12/18/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287A  
**Sample ID** MW-2  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/18/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/18/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/18/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/18/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/18/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/18/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/18/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/18/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/18/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/18/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/18/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/18/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/18/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/18/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/18/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/18/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		12/18/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		12/18/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/18/2019	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/18/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/18/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/18/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		12/18/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/18/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/18/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/18/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/18/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/18/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/18/2019	CJR	1
SUR - Toluene-d8	90	REC %			1	8260B		12/18/2019	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		12/18/2019	CJR	1
SUR - 4-Bromofluorobenzene	106	REC %			1	8260B		12/18/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		12/18/2019	CJR	1

Project Name VJS-FOX RUN  
 Project # 525-008-002

Invoice # E37287

Lab Code 5037287B  
 Sample ID MW-5  
 Sample Matrix Water  
 Sample Date 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		12/18/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/18/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/18/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/18/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/18/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/18/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/18/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/18/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/18/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/18/2019	CJR	1
Chloroform	0.3 "J"	ug/l	0.26	0.82	1	8260B		12/18/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/18/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/18/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/18/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/18/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/18/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/18/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/18/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/18/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/18/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/18/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/18/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/18/2019	CJR	1
cis-1,2-Dichloroethene	0.5 "J"	ug/l	0.37	1.16	1	8260B		12/18/2019	CJR	1
trans-1,2-Dichloroethene	0.62 "J"	ug/l	0.34	1.07	1	8260B		12/18/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/18/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/18/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/18/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/18/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/18/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/18/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/18/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/18/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/18/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/18/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/18/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/18/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/18/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/18/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/18/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/18/2019	CJR	1
Tetrachloroethene	6000	ug/l	19	60.5	50	8260B		12/19/2019	CJR	1
Toluene	0.36 "J"	ug/l	0.19	0.6	1	8260B		12/18/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/18/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287B  
**Sample ID** MW-5  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/18/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/18/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/18/2019	CJR	1
Trichloroethene (TCE)	5.7	ug/l	0.3	0.94	1	8260B		12/18/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/18/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/18/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/18/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/18/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/18/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/18/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		12/18/2019	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		12/18/2019	CJR	1
SUR - Dibromofluoromethane	104	REC %			1	8260B		12/18/2019	CJR	1
SUR - Toluene-d8	90	REC %			1	8260B		12/18/2019	CJR	1

Project Name VJS-FOX RUN  
 Project # 525-008-002

Invoice # E37287

Lab Code 5037287C  
 Sample ID MW-6  
 Sample Matrix Water  
 Sample Date 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		12/19/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/19/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/19/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/19/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/19/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/19/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/19/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/19/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/19/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		12/19/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/19/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/19/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/19/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/19/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/19/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/19/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/19/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/19/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/19/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/19/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/19/2019	CJR	1
cis-1,2-Dichloroethene	1.18	ug/l	0.37	1.16	1	8260B		12/19/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		12/19/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/19/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/19/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/19/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/19/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/19/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/19/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/19/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/19/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/19/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/19/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/19/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/19/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/19/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/19/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/19/2019	CJR	1
Tetrachloroethene	28.2	ug/l	0.38	1.21	1	8260B		12/19/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		12/19/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/19/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287C  
**Sample ID** MW-6  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/19/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/19/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/19/2019	CJR	1
Trichloroethene (TCE)	1	ug/l	0.3	0.94	1	8260B		12/19/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/19/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/19/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/19/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/19/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/19/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/19/2019	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		12/19/2019	CJR	1
SUR - Dibromofluoromethane	108	REC %			1	8260B		12/19/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		12/19/2019	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		12/19/2019	CJR	1



Project Name VJS-FOX RUN  
 Project # 525-008-002

Invoice # E37287

Lab Code 5037287D  
 Sample ID MW-9  
 Sample Matrix Water  
 Sample Date 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		12/19/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/19/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/19/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/19/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/19/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/19/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/19/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/19/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/19/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		12/19/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/19/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/19/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/19/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/19/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/19/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/19/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/19/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/19/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/19/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/19/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/19/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		12/19/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		12/19/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/19/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/19/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/19/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/19/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/19/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/19/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/19/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/19/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/19/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/19/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/19/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/19/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/19/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/19/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/19/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		12/19/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		12/19/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/19/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287D  
**Sample ID** MW-9  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/19/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/19/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/19/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		12/19/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/19/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/19/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/19/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/19/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/19/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/19/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		12/19/2019	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		12/19/2019	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		12/19/2019	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		12/19/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287E  
**Sample ID** MW-10  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		12/19/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/19/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/19/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/19/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/19/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/19/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/19/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/19/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/19/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		12/19/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/19/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/19/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/19/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/19/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/19/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/19/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/19/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/19/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/19/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/19/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/19/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		12/19/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		12/19/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/19/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/19/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/19/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/19/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/19/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/19/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/19/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/19/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/19/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/19/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/19/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/19/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/19/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/19/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/19/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/19/2019	CJR	1
Tetrachloroethene	3130	ug/l	38	121	100	8260B		12/22/2019	CJR	1
Toluene	0.22 "J"	ug/l	0.19	0.6	1	8260B		12/19/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/19/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287E  
**Sample ID** MW-10  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/19/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/19/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/19/2019	CJR	1
Trichloroethene (TCE)	10.1	ug/l	0.3	0.94	1	8260B		12/19/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/19/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/19/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/19/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/19/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/19/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/19/2019	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B		12/19/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		12/19/2019	CJR	1
SUR - 4-Bromofluorobenzene	101	REC %			1	8260B		12/19/2019	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		12/19/2019	CJR	1

Project Name VJS-FOX RUN  
 Project # 525-008-002

Invoice # E37287

Lab Code 5037287F  
 Sample ID P-5  
 Sample Matrix Water  
 Sample Date 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		12/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/21/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/21/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		12/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/21/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/21/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		12/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		12/21/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/21/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		12/21/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		12/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/21/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287F  
**Sample ID** P-5  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/21/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		12/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/21/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/21/2019	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B		12/21/2019	CJR	1
SUR - Dibromofluoromethane	108	REC %			1	8260B		12/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		12/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		12/21/2019	CJR	1



**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287G  
**Sample ID** MW-11  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		12/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/21/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/21/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		12/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/21/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/21/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		12/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		12/21/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/21/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		12/21/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		12/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/21/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287G  
**Sample ID** MW-11  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/21/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		12/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/21/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		12/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		12/21/2019	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B		12/21/2019	CJR	1
SUR - Toluene-d8	108	REC %			1	8260B		12/21/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287H  
**Sample ID** MW-12  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		12/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/21/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/21/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		12/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/21/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/21/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		12/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		12/21/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/21/2019	CJR	1
Tetrachloroethene	1.69	ug/l	0.38	1.21	1	8260B		12/21/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		12/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/21/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287H  
**Sample ID** MW-12  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/21/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		12/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/21/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		12/21/2019	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B		12/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		12/21/2019	CJR	1
SUR - Toluene-d8	108	REC %			1	8260B		12/21/2019	CJR	1

Project Name VJS-FOX RUN  
 Project # 525-008-002

Invoice # E37287

Lab Code 5037287I  
 Sample ID TW-1  
 Sample Matrix Water  
 Sample Date 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 2.2	ug/l	2.2	7.1	10	8260B		12/21/2019	CJR	1
Bromobenzene	< 4.4	ug/l	4.4	13.8	10	8260B		12/21/2019	CJR	1
Bromodichloromethane	< 3.3	ug/l	3.3	10.6	10	8260B		12/21/2019	CJR	1
Bromoform	< 4.5	ug/l	4.5	14.4	10	8260B		12/21/2019	CJR	1
tert-Butylbenzene	< 2.5	ug/l	2.5	8	10	8260B		12/21/2019	CJR	1
sec-Butylbenzene	< 7.9	ug/l	7.9	25.3	10	8260B		12/21/2019	CJR	1
n-Butylbenzene	< 7.1	ug/l	7.1	22.5	10	8260B		12/21/2019	CJR	1
Carbon Tetrachloride	< 3.1	ug/l	3.1	9.8	10	8260B		12/21/2019	CJR	1
Chlorobenzene	< 2.6	ug/l	2.6	8.3	10	8260B		12/21/2019	CJR	1
Chloroethane	< 6.1	ug/l	6.1	19.5	10	8260B		12/21/2019	CJR	1
Chloroform	< 2.6	ug/l	2.6	8.2	10	8260B		12/21/2019	CJR	1
Chloromethane	< 5.4	ug/l	5.4	17.2	10	8260B		12/21/2019	CJR	1
2-Chlorotoluene	< 3.1	ug/l	3.1	9.8	10	8260B		12/21/2019	CJR	1
4-Chlorotoluene	< 2.6	ug/l	2.6	8.3	10	8260B		12/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 29.6	ug/l	29.6	94.3	10	8260B		12/21/2019	CJR	1
Dibromochloromethane	< 2.2	ug/l	2.2	6.9	10	8260B		12/21/2019	CJR	1
1,4-Dichlorobenzene	< 7	ug/l	7	22.2	10	8260B		12/21/2019	CJR	1
1,3-Dichlorobenzene	< 8.5	ug/l	8.5	27	10	8260B		12/21/2019	CJR	1
1,2-Dichlorobenzene	< 8.6	ug/l	8.6	27.4	10	8260B		12/21/2019	CJR	1
Dichlorodifluoromethane	< 3.2	ug/l	3.2	10.2	10	8260B		12/21/2019	CJR	1
1,2-Dichloroethane	< 2.5	ug/l	2.5	7.8	10	8260B		12/21/2019	CJR	1
1,1-Dichloroethane	< 3.6	ug/l	3.6	11.4	10	8260B		12/21/2019	CJR	1
1,1-Dichloroethene	< 4.2	ug/l	4.2	13.4	10	8260B		12/21/2019	CJR	1
cis-1,2-Dichloroethene	< 3.7	ug/l	3.7	11.6	10	8260B		12/21/2019	CJR	1
trans-1,2-Dichloroethene	< 3.4	ug/l	3.4	10.7	10	8260B		12/21/2019	CJR	1
1,2-Dichloropropane	< 4.4	ug/l	4.4	13.9	10	8260B		12/21/2019	CJR	1
1,3-Dichloropropane	< 3	ug/l	3	9.4	10	8260B		12/21/2019	CJR	1
trans-1,3-Dichloropropene	< 3.2	ug/l	3.2	10.1	10	8260B		12/21/2019	CJR	1
cis-1,3-Dichloropropene	< 2.6	ug/l	2.6	8.1	10	8260B		12/21/2019	CJR	1
Di-isopropyl ether	< 2.1	ug/l	2.1	6.6	10	8260B		12/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 3.4	ug/l	3.4	10.9	10	8260B		12/21/2019	CJR	1
Ethylbenzene	< 2.6	ug/l	2.6	8.3	10	8260B		12/21/2019	CJR	1
Hexachlorobutadiene	< 13.4	ug/l	13.4	42.8	10	8260B		12/21/2019	CJR	1
Isopropylbenzene	< 7.8	ug/l	7.8	24.7	10	8260B		12/21/2019	CJR	1
p-Isopropyltoluene	< 2.4	ug/l	2.4	7.6	10	8260B		12/21/2019	CJR	1
Methylene chloride	< 13.2	ug/l	13.2	42.1	10	8260B		12/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 2.8	ug/l	2.8	8.9	10	8260B		12/21/2019	CJR	1
Naphthalene	< 21	ug/l	21	66.5	10	8260B		12/21/2019	CJR	1
n-Propylbenzene	< 6.1	ug/l	6.1	19.5	10	8260B		12/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 3	ug/l	3	9.7	10	8260B		12/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 3.5	ug/l	3.5	11.3	10	8260B		12/21/2019	CJR	1
Tetrachloroethene	114	ug/l	3.8	12.1	10	8260B		12/21/2019	CJR	1
Toluene	< 1.9	ug/l	1.9	6	10	8260B		12/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 11.5	ug/l	11.5	36.7	10	8260B		12/21/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287I  
**Sample ID** TW-1  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 17.1	ug/l	17.1	54.3	10	8260B		12/21/2019	CJR	1
1,1,1-Trichloroethane	< 3.3	ug/l	3.3	10.5	10	8260B		12/21/2019	CJR	1
1,1,2-Trichloroethane	< 4.2	ug/l	4.2	13.2	10	8260B		12/21/2019	CJR	1
Trichloroethene (TCE)	< 3	ug/l	3	9.4	10	8260B		12/21/2019	CJR	1
Trichlorofluoromethane	< 3.5	ug/l	3.5	11	10	8260B		12/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 8	ug/l	8	25.5	10	8260B		12/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 6.3	ug/l	6.3	20	10	8260B		12/21/2019	CJR	1
Vinyl Chloride	< 2	ug/l	2	6.5	10	8260B		12/21/2019	CJR	1
m&p-Xylene	< 4.3	ug/l	4.3	13.8	10	8260B		12/21/2019	CJR	1
o-Xylene	< 2.9	ug/l	2.9	9.3	10	8260B		12/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			10	8260B		12/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			10	8260B		12/21/2019	CJR	1
SUR - Dibromofluoromethane	104	REC %			10	8260B		12/21/2019	CJR	1
SUR - Toluene-d8	107	REC %			10	8260B		12/21/2019	CJR	1

**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287J  
**Sample ID** TW-2  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	0.62 "J"	ug/l	0.22	0.71	1	8260B		12/21/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		12/21/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		12/21/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		12/21/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		12/21/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		12/21/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		12/21/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		12/21/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		12/21/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		12/21/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		12/21/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/21/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		12/21/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		12/21/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		12/21/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		12/21/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		12/21/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		12/21/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		12/21/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		12/21/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		12/21/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		12/21/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		12/21/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		12/21/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		12/21/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		12/21/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		12/21/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		12/21/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		12/21/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		12/21/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		12/21/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		12/21/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		12/21/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		12/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		12/21/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		12/21/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		12/21/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/21/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		12/21/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		12/21/2019	CJR	1
Toluene	0.85	ug/l	0.19	0.6	1	8260B		12/21/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		12/21/2019	CJR	1



**Project Name** VJS-FOX RUN  
**Project #** 525-008-002

**Invoice #** E37287

**Lab Code** 5037287J  
**Sample ID** TW-2  
**Sample Matrix** Water  
**Sample Date** 12/12/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		12/21/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		12/21/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		12/21/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		12/21/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		12/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		12/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		12/21/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		12/21/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		12/21/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		12/21/2019	CJR	1
SUR - Toluene-d8	108	REC %				1	8260B	12/21/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	105	REC %				1	8260B	12/21/2019	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1	8260B	12/21/2019	CJR	1
SUR - Dibromofluoromethane	109	REC %				1	8260B	12/21/2019	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**

www.synergy-lab.net

1990 Prospect Ct. • Appleton, WI 54914

920-830-2455 • mrsynergy@wi.twcbc.com

### Sample Handling Request

Rush Analysis Date Required:

(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # \_\_\_\_\_  
 QUOTE # : \_\_\_\_\_  
 Project #: S2S-008-002  
 Sampler: (signature) *Tim Patrick*

Project (Name / Location): VSS-Fox Run

Reports To: Tim Patrick

Company: Endpoint Solutions

Address: 6871 S. Wickers Lane

City State Zip: Franklin WI

Phone: 414 858 1210

Invoice To: \_\_\_\_\_

Company: *Stue*

Address: \_\_\_\_\_

City State Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

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

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
S037287A	MW-2	12/12/15	1230	N	3	GW	HCL
B	MW-5	1030					
C	MW-6	1015					
D	MW-9	1000					
E	MW-10	1300					
F	P-5	1030					
G	MW-11	1045					
H	MW-12	1045					
I	TW-1	1200					
J	TW-2	1215					

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: *GC*  
 Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice:   
 Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) *[Signature]*  
 Time: 1300 Date: 12/13/19  
 Received in Laboratory By: *[Signature]*  
 Time: 1000 Date: 12/14/19

Received By: (sign) \_\_\_\_\_  
 Time \_\_\_\_\_  
 Date \_\_\_\_\_