September 27, 2019

Mr. Josh Ivey
Milwaukee Holdings, LLC.
P.O. Box 8460
Des Moines, Iowa 50301

Subject: Underground Storage Tank (UST) and Petroleum Impacted Soil Removal and Closure Assessment Report
Former Comedy Club Cafe
615 E. Brady Street
Milwaukee, Wisconsin 53202
UEC Project No. 18009

Dear Mr. Ivey:

United Engineering Consultants, Inc. (United) has prepared this report which documents the removal of two (2) USTs and the associated piping, the removal of petroleum affected soil and the results of a subsequent closure assessment performed at the above referenced property. If you have any questions, or wish to discuss any part of this report, please contact us at (262) 785-1447.

Respectfully submitted,
United Engineering Consultants, Inc.

Nick Anderson
Nicholas J. Anderson, E.I.T.
Staff Engineer

Timothy J. Anderson
Timothy J. Anderson, P.E.
Principal

UNDERGROUND STORAGE TANK (UST) AND PETROLEUM IMPACTED SOIL REMOVAL AND CLOSURE ASSESSMENT REPORT

PERFORMED AT:

FORMER COMEDY CLUB CAFE
615 E. BRADY STREET
MILWAUKEE, WISCONSIN 53202

PREPARED FOR:

MR. JOSH IVEY
MILWAUKEE HOLDINGS LLC
P.O. BOX 8460
DES MOINES, IOWA 50301

SEPTEMBER 27, 2019

PREPARED BY:

UNITED ENGINEERING CONSULTANTS, INC.
16237 W. RYERSON ROAD
NEW BERLIN, WISCONSIN 53151

TABLE OF CONTENTS

1.0 INTRODUCTION

This report documents the Underground Storage Tank (UST), associated piping and petroleum impacted soil removal activities and the results of a closure assessment performed at 615 E. Brady Street in Milwaukee, Wisconsin. The UST removals and tank system assessment was performed by United at the request of Mr. Josh Ivey, a Principal of Milwaukee Holdings LLC.

2.0 PROJECT INFORMATION

Site Contact:	Mr. Josh Ivey Milwaukee Holdings LLC P.O. Box 8460 Des Moines, Iowa 50301 (319) 530-0289
Site Assessor:	Mr. Nicholas J. Anderson United Engineering Consultants, Inc. 16237 W. Ryerson Road New Berlin, Wisconsin 53151 (262) 785-1447
Site Location:	Former Comedy Club Cafe 615 E. Brady Street Milwaukee, Wisconsin 53202 NW 1/4 of SW 1/4 of Section 21, T7N, R22E Milwaukee County (See Figure 1 - Site Location Map)
Type of Facility:	Commercial property
Tanks Removed:	One (1), one thousand (1,000) gallon and one (1), four thousand (4,000) gallon single walled UST and associated piping containing waste oil and gasoline, respectively (See Appendix – Wisconsin Department of Agriculture, Trade and Consumer Protection – Bureau of Weights and Measures – Storage Tank Regulation Form TR-WM-137 March 5 and 7, 2019)

3.0 FACILITY DESCRIPTION

The subject property is 0.20 acres in size and is located at 615 E. Brady Street in Milwaukee, Wisconsin. The parcel is currently occupied by a duplex approximately eleven hundred seventy four (1,174) square feet in plan dimension. At the time of the UST removal, the foundation for a former three thousand five hundred seventy nine (3,579) square foot commercial structure was located immediately east-northeast of the duplex. The surface of the interior of the former commercial building was covered with concrete debris, gravel and limestone. The remainder of the surface of the subject property was covered with concrete and asphaltic concrete.

A combined sanitary and storm sewer lateral entered the northwest corner of the former commercial structure and enters the western elevation of the existing commercial building. The combined sewer lateral is connected to a main in the N. Jackson Street right-of-way. Underground natural gas and potable water service entered the former commercial structure along its western elevation. However, these laterals have been abandoned during recent site development activities. An abandoned brick catch basin was formerly located at the southwest corner of the subject property immediately adjacent to the N. Jackson Street right-of-way. The remains of the catch basin were also removed during recent site development activities.

Underground natural gas and potable water service entered the duplex at its southwest corner and along its western elevation, respectively, from laterals connected to mains in the N. Jackson Street right-of-way. The potable water line remains while the natural gas lateral was removed. An underground natural gas and potable water lateral currently extends from the mains in the N. Jackson Street right-of-way in a common trench to the northern elevation of the duplex to service the commercial building. Electric and telecommunication service for the duplex and the proposed commercial building extends to the structures from adjacent utility poles.

During site development activities, a one thousand (1,000) gallon capacity UST was discovered approximately five (5) feet north and eight (8) feet east of the northeast corner of the duplex. The tank contained approximately five hundred (500) gallons of waste oil/sludge. A second UST, four thousand (4,000) gallons in capacity was discovered approximately thirty nine (39) feet north of the northeast corner of the duplex. The tank contained water and pea gravel and was assumed to formerly contain gasoline (See Figure 2 – Site Plan Map).

According to the State of Wisconsin Department of Agriculture and Consumer Trade Protection (DATCP) storage tank database, there were no USTs registered at the subject property.

4.0 TANK REMOVAL ACTIVITIES

The Wisconsin Department of Safety and Professional Services (WDSPS) Local Program Operator (LPO) for the City of Milwaukee, Mr. Chris Buzell of the City of Milwaukee Department of Neighborhood Services was notified by telephone on March 2, 2018 of an emergency removal request of the two (2) USTs and any associated piping. Mr. Buzell scheduled an inspection for March 5, 2018.

The removal operations were performed on March 5 and 7, 2018 by Jeff Seeger of K&S Contractors, Inc. (K&S) under the supervision of United personnel. The overburden soils consisting of brown clayey silt with varying amounts of sand and gravel were removed to expose the top of each UST. Once the top of the tanks was exposed, openings were cut into each UST. Approximately three thousand three hundred (3300) gallons of water was initially removed from the four thousand (4000) gallon tank early in the morning of March 5, 2018 by Future Industrial Services, Inc. (Future).

The exposed pea gravel in the four thousand (4000) gallon UST and about five hundred (500) gallons of waste oil/sludge in the one thousand (1000) gallon tank were subsequently evacuated from the four thousand (4000) and one thousand (1000) gallon USTs, respectively, by Future mid-morning on March 5, 2018. Future listed the combined quantity as one thousand nine hundred fifty (1950) gallons of waste on the Advanced Disposal Special Waste Manifest Disposal Ticket. An additional two thousand (2000) gallons of water was removed from the four thousand (4000) gallon tank late in the morning of March 5, 2018. Future returned on March 7, 2018 to evacuate approximately one thousand (1000) gallons of water from the four thousand (4000) gallon UST and the immediately adjacent excavation limits.

The water was transported by Future to Elite Environmental in West Allis, Wisconsin and the pea gravel and waste oil/sludge were transported to Advanced Disposal's Emerald Park Landfill (See Appendix – Non-Hazardous Waste Manifests – 0023088, 0023080 and 0023169 and Advanced Disposal Special Waste Manifest Disposal Ticket).

The atmosphere of each UST was monitored with a Combustible Gas Indicator (CGI) for the presence of flammable or combustible vapor levels prior to removal. The CGI was calibrated prior to its use and the atmosphere was monitored at the bottom, middle, and upper portion of the tanks. Readings below ten (10) percent of the Lower Explosive Limit (LEL) were measured at the previously mentioned locations in the USTs.

On March 5, 2018 and March 7, 2018 respectively, the former one thousand (1,000) gallon waste oil UST and former four thousand (4,000) gallon gasoline UST were removed and blocked to prevent movement. The USTs were labeled with two (2) inch letters indicating the date removed, their capacity and former usage, a vapor free state as well as "not for reuse" prior to removal from the site for proper disposal (See Appendix- Wisconsin DATCP - Bureau of Weights and Measures, Permits and Licensing – Form TR-WM-140 Part A – March 5 and 7, 2018).

The resulting excavation for the former one thousand (1,000) gallon waste oil UST measured approximately nine (9) feet in length by seven (7) feet in width by about seven (7) feet in depth. The tank was sixty four (64) inches in diameter and six (6) feet in length. The UST was constructed of bare steel with several holes and areas of corrosion observed. The soil encountered at the bottom of this excavation was fill consisting of grayish brown sand and gravel. Visible soil staining and petroleum odor were observed in the excavation limits.

The resulting excavation for the former four thousand (4,000) gallon UST measured approximately thirty (30) feet in length, ten (10) feet in width and nine (9) feet in depth. The tank was sixty four (64) inches in diameter and twenty four (24) feet in length. The UST was constructed of bare steel with several holes and areas of corrosion observed. The soil encountered at the bottom of this excavation was fill consisting of grayish brown sand and gravel. Visible soil staining and petroleum odor were observed in the excavation limits.

5.0 PETROLEUM AFFECTED SOIL REMOVAL

On March 5 and 7, 2018, approximately forty (40) tons of waste oil and gasoline impacted soil were excavated and stockpiled on site by K&S. The affected soil was placed on and covered with 4-mil plastic. Petroleum impacted soil was excavated to approximately eleven (11) feet beneath the existing ground surface (bgs) in the area of the former four thousand (4,000) gallon tank. The native soils at this depth consist of very dense brown clayey silt to silty clay with varying amounts of sand and gravel. Petroleum affected soil was excavated to about nine (9) feet bgs in the area of the former one thousand (1,000) gallon tank. A concrete slab was encountered at this depth. The petroleum affected soil located in the sidewalls was removed laterally based on visual and olfactory observations (See Figure 3 – Excavation Limits and Closure Assessment Sample Location Map). The excavated petroleum impacted soil consisted of grayish brown sand and gravel. Groundwater was not encountered during the soil removal activities.

At the request of Waste Management, a composite soil sample was collected from the stockpile and analyzed for the presence of Lead, Volatile Organic Compounds (VOC), Semi-Volatile Organic Compounds (SVOC) utilizing the Toxicity Characteristic Leaching Procedure (TCLP). The TCLP analytical results indicate the presence of Tetrachloroethene at an estimated concentration of 0.00675 mg/L. No other compounds were present at or above their respective detection limits.

The waste oil and petroleum affected soil was subsequently approved for direct landfill disposal at Metro RDF Management Facility in Franklin, Wisconsin under existing profile, V128792WI, which was previously issued for the chlorinated solvent impacted soil at the property. The petroleum impacted soil was transported by K&S on March 22 and 23, 2018.

6.0 SITE ASSESSMENT/CLOSURE SAMPLING ACTIVITIES

Subsequent to the removal of the four thousand (4,000) gallon UST and the petroleum impacted soil, samples were collected from the native soil beneath the former ends and approximate center of the tank. The soil samples were collected at an approximate depth of twelve (12) feet bgs in the native brown silty clay with trace sand and gravel (See Figure 3 – Excavation Limits and Closure Assessment Sample Location Map). After collection of the samples, the excavation was backfilled with overburden soils and lean concrete due to the presence of the former UST beneath the proposed building foundation. Soil samples were not collected beneath the one thousand (1,000) gallon tank due to the presence of a concrete slab.

The samples were subjected to analysis for the presence of Petroleum Volatile Organic Compounds (PVOC) and Naphthalene by methods GRO95 and PUBL-SW-140. The samples were handled in a manner which minimized volatilization and approximately thirteen (13) grams of soil was added to clean glass containers. The PVOC and Naphthalene samples were subsequently preserved with a premeasured vial of laboratory grade methanol supplied by the testing laboratory. The containers were placed in a cooler on ice, and transported to Environmental Monitoring and Technologies EMT Inc. (WDNR #999888890) in Morton Grove, Illinois. The samples were accompanied by a completed Chain-of-Custody form.

The results of the laboratory analysis indicated the presence of Naphthalene at the sampled locations at concentrations ranging from 0.116 mg/kg to 0.165 mg/kg. These concentrations are below the Groundwater Pathway and Non-Industrial Direct Contact Residual Contaminant Levels (RCLs) of 0.6582 mg/kg and 5.52 mg/kg, respectively. No additional compounds were identified at concentrations at or above their respective detection limits (See Table – Soil Analytical Results – PVOC & Naphthalene and the Appendix- Wisconsin DATCP - Bureau of Weights and Measures, Permits and Licensing – Form TR-WM-140 Part B – March 5 and 7, 2018 and Soil Analytical Results and Chain-of-Custody Form – March 7, 2018).

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the analytical results, PVOCs are not present in the native soil at an approximate depth of twelve (12) feet bgs at concentrations at or above their respective detection limits beneath the former four thousand (4000) gallon gasoline UST subsequent to the removal of approximately two (2) feet of petroleum affected soil. Naphthalene concentrations ranging from 0.116 mg/kg to 0.165 mg/kg are documented at the sampled locations beneath the former tank. However, these concentrations do not exceed any of the established RCLs for Naphthalene. Therefore, further soil removal beneath the gasoline UST was not warranted.

Petroleum impacted soil was also removed beneath the former one thousand (1000) gallon waste oil UST for an approximate depth of two (2) feet. The excavation was terminated due to the presence of a concrete slab approximately two (2) feet below the bottom of the former UST. It is anticipated the concrete slab significantly impeded downward migration of petroleum contamination below approximately nine (9) feet bgs.

The WDNR was notified of the waste oil and gasoline release to the soil by United on June 19, 2018. The WDNR opened Leaking Underground Storage Tank (LUST) case #03-41-581665 on June 25, 2018. It is recommended that a Case Closure request for the LUST case be prepared and submitted to the WDNR incorporating the site investigation analytical results from the open Environmental Repair (ERP) case #02-41-553001 at the subject property. Benzene, Ethylbenzene, Toluene and total Xylenes (BTEX) have been documented in the soil in the immediate area of the former gasoline UST during the ERP investigation. The pathway to LUST case closure will most likely include placement of the subject property on the Wisconsin Remediation and Redevelopment Database for residual BTEX soil contamination.

8.0 GENERAL COMMENTS

The UST and Petroleum Impacted Soil Removal and Closure Assessment Report has been conducted in a manner consistent with that level of care ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. The findings, opinions and recommendations contained herein have been promulgated in accordance with generally accepted practice. No other representations, expressed or implied, and no warranty or guarantee is included in this report.

TABLE

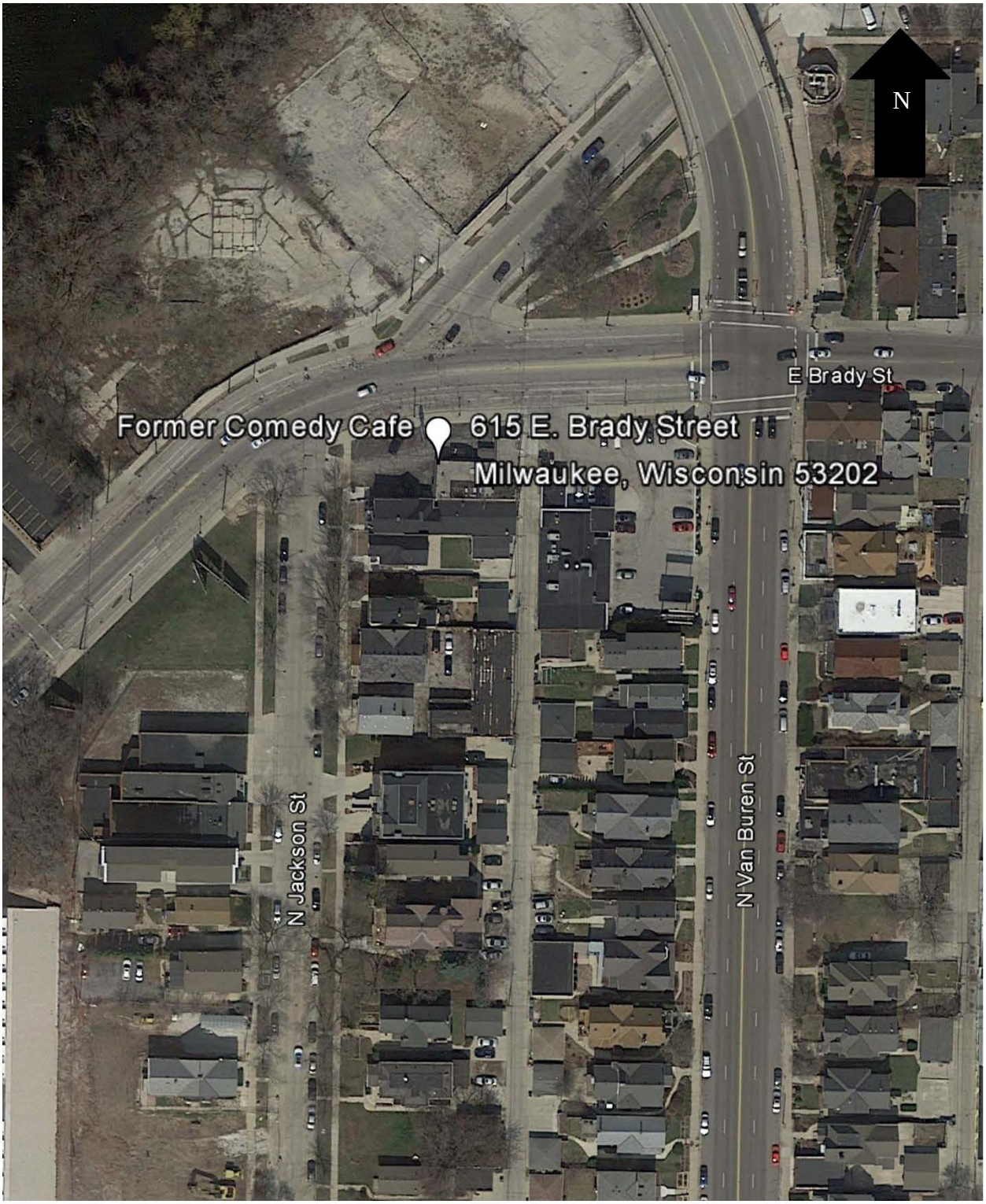
Table
Soil Analytical Results - PVOC & Naphthalene
Former Comedy Club Cafe
615 E. Brady Street
Milwaukee, Wisconsin 53202

Sample Date	**03/07/2018**			**RCL**		
Sample Identification	**PE-W**	**PE-C**	**PE-E**	**GWP**	**NIDC**	**IDC**
Sample Depth	12'	12'	12'			
Petroleum Volatile Organic Compounds (PVOC) and Naphthalene (Method: GRO95/PUBL-SW-140)						
Benzene	<0.0386	<0.0386	<0.0386	0.0051	1.6	7.07
Ethylbenzene	<0.0252	<0.0252	<0.0252	1.57	8.02	35.4
Methyl tert-butyl ether	<0.0663	<0.0663	<0.0663	0.027	63.8	282
Naphthalene	0.134	0.116	0.165	0.6582	5.52	24.1
Toluene	<0.0463	<0.0463	<0.0463	1.1072	818	818
1,2,4 -Trimethylbenzene	<0.0426/ <0.0250	<0.0426/ <0.0250	<0.0426/ <0.0250	1.3787	219	219
1,3,5 -Trimethylbenzene					182	182
m&p-Xylene	<0.0250	<0.0250	<0.0250	-	388	388
o-Xylene	<0.0317	<0.0317	<0.0317	-	434	434
Xylenes, Total	<0.0536	<0.0536	<0.0536	3.96	260	260

Notes:	All samples collected from the unsaturated zone
	All results expressed as mg/kg unless otherwise noted
RCL	Residual Contaminant Level (December 2018 RCL Spreadsheet Update)
GWP	Groundwater Pathway RCL (Exceedances are underlined)
NIDC	Non-Industrial Direct Contact RCL (Exceedances in **bold**)
IDC	Industrial Direct Contact RCL (Exceedances in **bold** and shaded)
-	RCL not established for this compound
<	Compound not detected at or above the Method Detection Limit

FIGURES

FIGURE 1
SITE LOCATION MAP



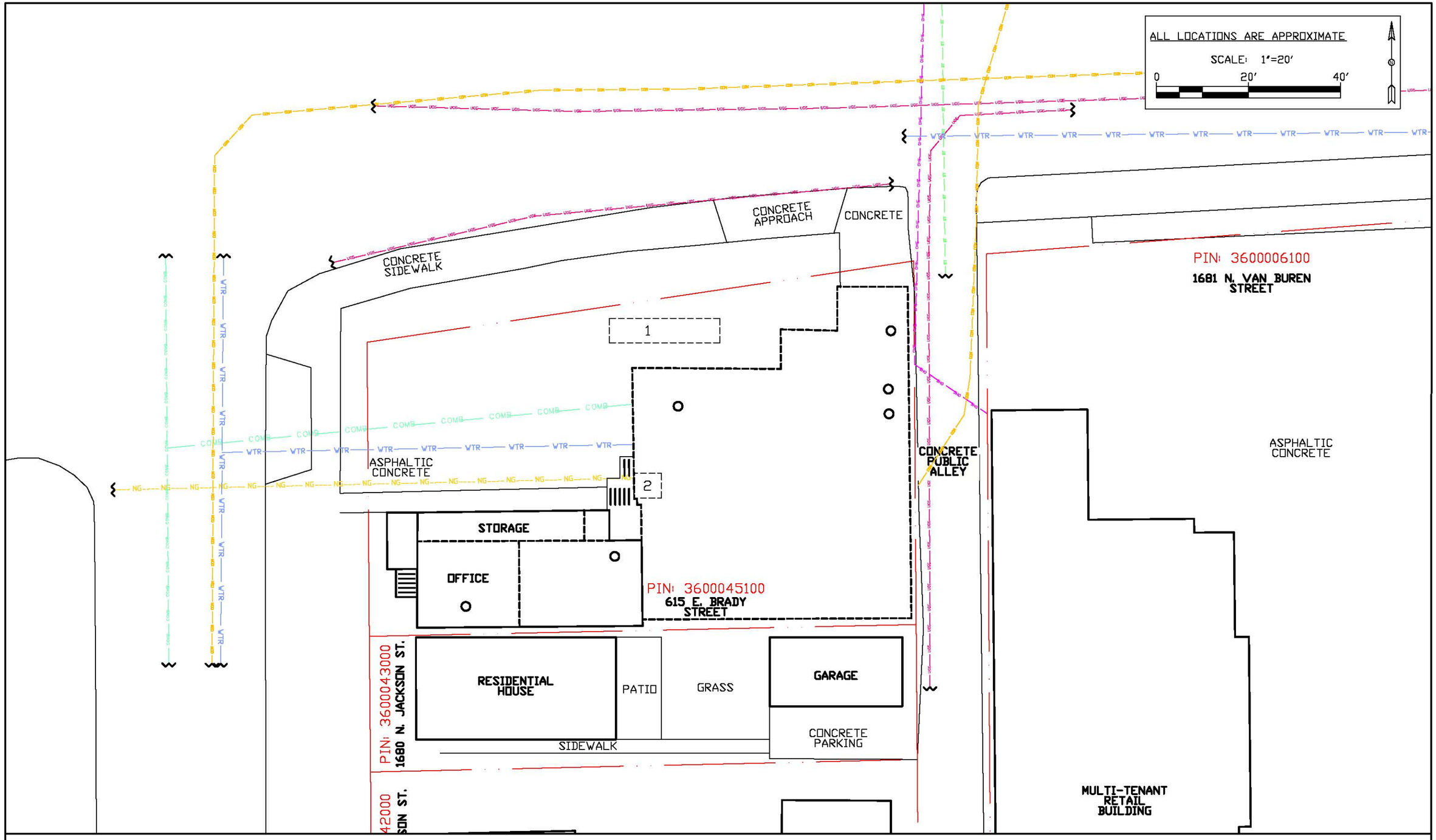


Figure 2: Site Plan Map

United Engineering Consultants, Inc.

16237 W. Ryerson Road
New Berlin, WI 53151
Tel. (262) 785-1447
Fax (262) 706-4400

#18009

DRAWN BY: NJA

DATE: 04/10/2018

UST System Closure Assessment and Limited Soil Removal Report
Former Comedy Club Cafe
615 E. Brady Street
Milwaukee, WI 53202

Legend

- Property Line
- Underground Natural Gas Line
- Underground Water Line
- Overhead Electric Line
- Underground Electric Line
- Underground Communication Line
- Underground Storm Sewer Line
- Combined Sewer Line
- Former Underground Storage Tank Location
- Former or Existing Floor Drain

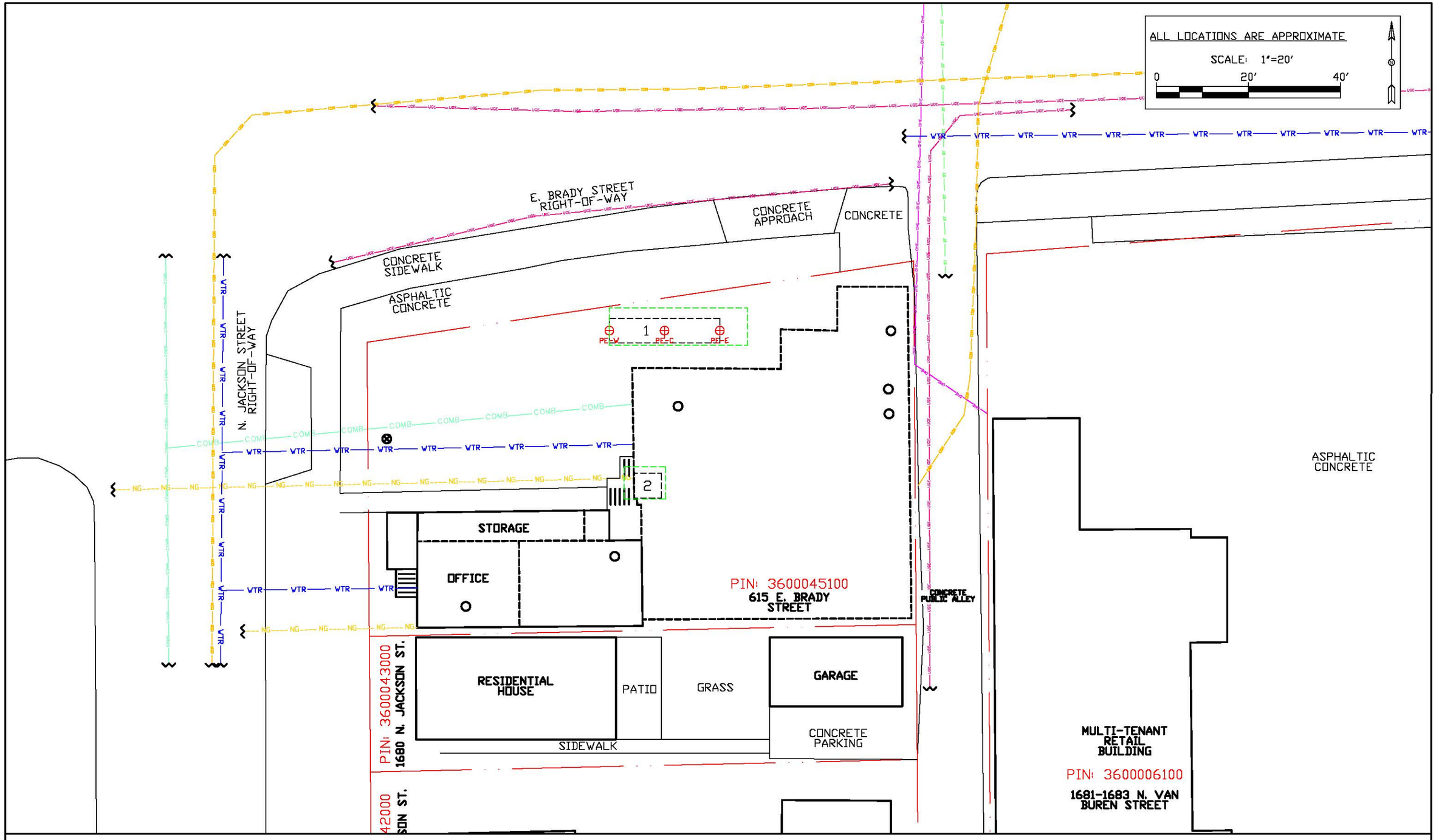


Figure 3: Excavation Limits and Closure Assessment Sample Location Map

United Engineering Consultants, Inc.

16237 W. Ryerson Road
New Berlin, WI 53151
Tel. (262) 785-1447
Fax (262) 706-4400

#18009

DRAWN BY: NJA

DATE: 04/10/2018

UST System Closure Assessment and Limited Soil Removal Report
Former Comedy Club Cafe
615 E. Brady Street
Milwaukee, WI 53202

Legend

- Property Line
- Underground Natural Gas Line
- Underground Water Line
- Overhead Electric Line
- Underground Electric Line
- Underground Communication Line
- Underground Storm Sewer Line
- Combined Sewer Line
- Former Underground Storage Tank Location and Excavation Limits
- Former or Existing Floor Drain
- Excavation Sample Location

APPENDIX

TR-WM-137 (8/17) Formerly ERS 7437 (3/13)

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
PO Box 7837 Madison, WI 53707-7837
(608) 224-4942

FOR OFFICE USE ONLY
TDID#:
Reg Obj #:
Wis. Admin. Code §ATCP 93.140

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated above. Have you previously registered this tank by submitting a form? ☐ Yes ☑ No

If yes, are you correcting/updating information only? ☐ Yes ☐ No

This registration applies to a tank status that is *(check one)*:

☐ In Use ☐ Abandoned with Product (empty) ☐ Closed – Filled with Inert Materials
☐ Newly Installed ☐ Abandon with Water ☐ Ownership Change (Indicate new owner name in block 2 – *attach deed)*
☐ Abandoned with Product ☑ Closed - Tank Removed ☐ Temporarily Out of Service – Provide Date:

Fire Dept. providing fire coverage where tank is located: ☑ CITY ☐ TOWN ☐ VILLAGE MILWAUKEE

IDENTIFICATION (Please Print)

1. TANK SITE NAME: FORMER COMEDY CLUB CAFE	COUNTY: MILWAUKEE	PHONE: ( ) -	
SITE STREET ADDRESS: 615 E. BRADY STREET	☑ CITY ☐ VILLAGE ☐ TOWN OF: MILWAUKEE	STATE: WI	ZIP: 53202
2. TANK OWNER LEGAL NAME: MILWAUKEE HOLDINGS LLC	COUNTY: POLK	PHONE: Check ☐ CELL or ☐ LAND ( ) -	
MAILING ADDRESS: 913 29TH STREET	☑ CITY ☐ VILLAGE ☐ TOWN OF: DES MOINES	STATE: IA	ZIP: 50312
3. PROPERTY OWNER NAME *(if different from Tank Owner Legal Name #2)*	COUNTY *(if different from County #2)*		
PROPERTY OWNER ADDRESS *(if different from Site Street Address #1)*	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE: WI	ZIP:

4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)

SITE ID: FACILITY ID # 341170170 CUSTOMER ID #

Tank Capacity (gallons): 1000 Tank Age (age or date installed): UNKNOWN Vehicle fueling: ☐ Yes ☑ No

LAND OWNER TYPE *(check one)* Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☑ Private

OCCUPANCY TYPE *(check one)* Refer to back
☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School ☐ Utility ☐ Government Fleet
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☑ Other (specify): REMOVAL

TANK CONSTRUCTION:
☑ Bare Steel ☐ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):

Overfill Protection? ☐ Yes ☑ No
Spill Containment? ☐ Yes ☑ No
Tank Double Walled? ☐ Yes ☑ No

TANK CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☑ N/A

PRIMARY TANK LEAK DETECTION METHOD: ☐ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ☐ Inventory control and tightness testing
☑ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

PIPING CONSTRUCTION: ☐ Single Wall ☐ Double Wall:
☐ Bare Steel ☐ Coated Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☑ N/A ☐ Other:

PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☑ N/A

PRIMARY PIPING SYSTEM TYPE: ☐ Pressurized piping with ⇨ ☐ A. Pump auto shutoff - ELLD ☐ B. Flow restrictor – MLLD ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☑ Not needed if waste oil

PIPING LEAK DETECTION METHOD: ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ⇨ Sump or cable sensor ☐ Yes ☐ No
☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☑ Not required ☐ Unknown

TANK CONTENTS *(Current, or previous product (if tank now empty))* ☐ Leaded ☐ Unleaded ☐ Gas-ethanol blend: ___ % ☐ Diesel
☐ Bio-Diesel: ___ % ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene ☐ New Oil ☐ New oil – Flash point less than 200°F
☑ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Hazardous Waste/Interface* ☐ Empty* ☐ Sand/Grave/Slurry* ☐ Unknown
☐ Other (specify): ☐ Chemical* Name CAS#
* NOT PECFA eligible.

Geo Latitude: 43° 3.164'N Geo Longitude: 87° 54.255'W

If Tank Closed, Abandoned or Out of Service: 3/5/18

Has a site assessment been completed? *(see reverse side for details)* ☑ Yes ☐ No

TANK OWNER LEGAL NAME (please print): Milwaukee Holdings LLC

TANK OWNER E-MAIL: josh@woolysdm.com

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)

DATE: 3/12/18

Note: Refer to comments on reverse side of form.

TR-WM-137 (8/17) Formerly ERS 7437 (3/13)

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
PO Box 7837 Madison, WI 53707-7837
(608) 224-4942

FOR OFFICE USE ONLY
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UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

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Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated above. Have you previously registered this tank by submitting a form? ☐ Yes ☑ No

If yes, are you correcting/updating information only? ☐ Yes ☐ No

This registration applies to a tank status that is *(check one)*:

☐ In Use ☐ Abandoned with Product (empty) ☐ Closed – Filled with Inert Materials
☐ Newly Installed ☐ Abandon with Water ☐ Ownership Change (Indicate new owner name in block 2 – *attach deed)*
☐ Abandoned with Product ☑ Closed - Tank Removed ☐ Temporarily Out of Service – Provide Date:

Fire Dept. providing fire coverage where tank is located: ☑ CITY ☐ TOWN ☐ VILLAGE MILWAUKEE

IDENTIFICATION (Please Print)

1. TANK SITE NAME: FORMER COMEDY CLUB CAFE	COUNTY: MILWAUKEE	PHONE: ( ) -	
SITE STREET ADDRESS: 615 E. BRADY STREET	☑ CITY ☐ VILLAGE ☐ TOWN OF: MILWAUKEE	STATE: WI	ZIP: 53202
2. TANK OWNER LEGAL NAME: MILWAUKEE HOLDINGS LLC	COUNTY: POLK	PHONE: Check ☐ CELL or ☐ LAND ( ) -	
MAILING ADDRESS: 913 29TH STREET	☑ CITY ☐ VILLAGE ☐ TOWN OF: DES MOINES	STATE: IA	ZIP: 50312
3. PROPERTY OWNER NAME *(if different from Tank Owner Legal Name #2)*	COUNTY *(if different from County #2)*		
PROPERTY OWNER ADDRESS *(if different from Site Street Address #1)*	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE: WI	ZIP:

4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)

SITE ID: | FACILITY ID # 341170170 | CUSTOMER ID #

Tank Capacity (gallons): 4000 | Tank Age (age or date installed): UNKNOWN | Vehicle fueling: ☑ Yes ☐ No

LAND OWNER TYPE *(check one)* Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☑ Private

OCCUPANCY TYPE *(check one)* Refer to back
☐ Retail Fuel Sales ☑ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School ☐ Utility ☐ Government Fleet
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☑ Other (specify): REMOVAL

TANK CONSTRUCTION:
☑ Bare Steel ☐ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):

Overfill Protection? ☐ Yes ☑ No
Spill Containment? ☐ Yes ☑ No
Tank Double Walled? ☐ Yes ☑ No

TANK CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☑ N/A

PRIMARY TANK LEAK DETECTION METHOD: ☐ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ☐ Inventory control and tightness testing
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☑ Unknown

PIPING CONSTRUCTION: ☐ Single Wall ☐ Double Wall:
☐ Bare Steel ☐ Coated Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☑ N/A ☐ Other:

PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☑ N/A

PRIMARY PIPING SYSTEM TYPE: ☐ Pressurized piping with ⇨ ☐ A. Pump auto shutoff - ELLD ☐ B. Flow restrictor – MLLD ☑ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

PIPING LEAK DETECTION METHOD: ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ⇨ Sump or cable sensor ☐ Yes ☐ No
☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☑ Unknown

TANK CONTENTS *(Current, or previous product (if tank now empty))* ☐ Leaded ☐ Unleaded ☐ Gas-ethanol blend: ___ % ☐ Diesel
☐ Bio-Diesel: ___ % ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene ☐ New Oil ☐ New oil – Flash point less than 200°F
☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Hazardous Waste/Interface* ☐ Empty* ☐ Sand/Grave/Slurry* ☑ Unknown
☐ Other (specify): ☐ Chemical* Name CAS#
* NOT PECFA eligible.

Geo Latitude: 43° 3.170'N | Geo Longitude: 87°54.253'W

If Tank Closed, Abandoned or Out of Service: 3/7/18

Has a site assessment been completed? *(see reverse side for details)* ☑ Yes ☐ No

TANK OWNER LEGAL NAME (please print): Milwaukee Holdings LLC

TANK OWNER E-MAIL: josh@wcolysdm.com

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)

DATE: 3/12/18

Note: Refer to comments on reverse side of form.

W27385

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		414-761-9421	0023169

GENERATOR

5. Generator's Name and Mailing Address
United Engineering
615 E Brady
Milwaukee, WI

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: FUTURE ENVIRONMENTAL — U.S. EPA ID Number: WI0000122358

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: ELITE, 360 S CURTIS RD, WEST ALLIS, WI 53214 — U.S. EPA ID Number: WIR000140988

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS, NON REGULATED BY DOT Waste water	001	TT	1000	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 3 Day 7 Year 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Warren Bloomers — Signature — Month 3 Day 7 Year 18

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 414-761-9421	4. Waste Tracking Number 0023088

5. Generator's Name and Mailing Address: United [illegible] / 615 E [illegible] St / Milwaukee WI

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: FUTURE ENVIRONMENTAL — U.S. EPA ID Number: WI0000122358

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: ELITE, 360 S CURTIS RD, WEST ALLIS, WI 53214 — U.S. EPA ID Number: WIR000140988

Facility's Phone:

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1. NON HAZARDOUS, NON REGULATED BY DOT oil, water	001	TT	3100	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
NICK ANDERSON	[signature]	3	5	18

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

	Printed/Typed Name	Signature	Month	Day	Year
Transporter 1	[illegible]	[signature]	3	5	18
Transporter 2					

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 6 10498 (Rev. 9/09) — GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			414-761-9421	0023080

5. Generator's Name and Mailing Address: United Engineering / 610 E Brady / Milwaukee WI

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: FUTURE ENVIRONMENTAL — U.S. EPA ID Number: WI0000122358

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: ELITE, 360 S CURTIS RD, WEST ALLIS, WI 53214 — U.S. EPA ID Number: WIR000140988

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON HAZARDOUS, NON REGULATED BY DOT Oily Water	001	TT	2000	G
2.					
3.					
4.	MAN# 002950				

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
NICK ANDERSON	[signature]	2	5	18

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	2	5	18
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year

Side labels: GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

SPECIAL WASTE MANIFEST DISPOSAL TICKET

EMERALD PARK LANDFILL, LLC

Advanced Disposal

BILL TO: Future

TRANSPORTER: Future

GENERATOR: United engineering

GENERATOR'S SIGNATURE: _____ 3/05/18 Date

WASTE DESCRIPTION: waste

PROFILE #: EPI 2009-023 S01

ACCEPTED BY: _____ / / Date

DRIVER'S SIGNATURE: _____ 3/05/18 Date

TRUCK NO. trl#551 _____ 1950 gal TONS/YARDS

WHITE & YELLOW - TRANSPORTER COPY / PINK - DISPOSAL SITE COPY / GOLD - GENERATOR COPY

EPI-001-94

TR-WM-140 (10/17) Formerly ERS-8951

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
P.O. Box 7837, Madison, WI 53707-7837
(608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

CHECK ONE: ☑ UNDERGROUND ☐ ABOVEGROUND

Part A – To be completed by contractor performing repair or closure

A. TYPE OF SERVICE ☑ CLOSURE ☐ REPAIR/UPGRADE ☐ CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

☐ Remote fill ☐ Tank ☐ Piping ☐ Transition/containment sump ☐ Spill bucket ☐ Dispenser

B. IDENTIFICATION

OWNER INFORMATION

OWNER NAME	CONTACT NAME	TITLE
MILWAUKEE HOLDINGS LLC	JOSHUA IVEY	OWNER

MAILING ADDRESS	☑ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
913 29TH STREET	DES MOINES	IA	50312

TELEPHONE:	E-MAIL
(319) 530-0289	Josh@woolysdm.com

SITE INFORMATION

FACILITY NAME: FORMER COMEDY CLUB CAFE

SITE ADDRESS (Not PO Box)	☑ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
615 E. BRADY STREET	MILWAUKEE	WI	53202

SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above	TELEPHONE:	CELL:
UNITED ENGINEERING CONSULTANTS, INC.	262 785-1447	( ) -

STREET ADDRESS	☑ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
16237 W. RYERSON ROAD	NEW BERLIN	WI	53151

C. TANK SYSTEM DETAIL (Complete for all service activities)

a	b	c	d	e	f	g	h	
Tank ID #	Type of Closure[1]	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents[2]	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	If "Yes" to "g", Then Specify Source and Cause of Release[5]	
							Source of Release[3]	Cause of Release[4]
1	P	S	NA	1000	WO	☑ Yes ☐ No	T	C
						☐ Yes ☐ No		
						☐ Yes ☐ No		
						☐ Yes ☐ No		
						☐ Yes ☐ No		
						☐ Yes ☐ No		

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
2. Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):
3. CAS number(s):
4. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown
5. Cause of release:
   S = spill, O = overfill, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown
6. Has release been reported to the Department of Natural Resources? ☑ Yes ☐ No ☐ Release not evident at this time

Part A Distribution: DATCP DNR Inspector Contractor Owner

D. CLOSURES (Check applicable box at right in response to all statements in section D)

Written notification was provided to the local agent 5 days in advance of closure date. ☐ Yes ☑ No

All local permits were obtained before beginning closure. ☐ Yes ☑ No ☐ NA

☑ UST Form TR-WM-137 or ☐ AST Form TR-WM-118 filed by owner with the DATCP indicating closure. ☐ Yes ☐ No ☐ NA

NOTE: *TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST*

D.1 ☐ TEMPORARILY OUT-OF-SERVICE	Remover Verified	Inspector Verified	Inspector Not Present	NA
1. Product removed.				
a. Product lines drained into tank (or other container) and liquid removed, and	☐Y ☐N	☐Y ☐N	☐	☐
b. All product removed to bottom of suction line, OR	☐Y ☐N	☐Y ☐N	☐	☐
c. All product removed to within 1" of bottom.	☐Y ☐N	☐Y ☐N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐Y ☐N	☐Y ☐N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐Y ☐N	☐Y ☐N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐Y ☐N	☐Y ☐N	☐	☐
5. Vent lines left open.	☐Y ☐N	☐Y ☐N	☐	☐
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	☐Y ☐N	☐Y ☐N	☐	☐
D.2. ☑ CLOSURE BY REMOVAL OR IN-PLACE				
1. General Requirements	☑Y ☐N	☐Y ☒N	☐	☐
a. Product from piping drained into tank (or other container).	☐Y ☐N	☐Y ☐N	☐	☑
b. Piping disconnected from tank and removed.	☐Y ☐N	☐Y ☐N	☐	☑
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	☑Y ☐N	☐Y ☒N	☐	☐
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	☑Y ☐N	☐Y ☒N	☐	☐
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐Y ☐N	☐Y ☐N	☐	☑
f. Vent lines left connected until tanks purged.	☐Y ☐N	☐Y ☐N	☐	☑
g. Tank openings temporarily plugged so vapors exit through vent.	☐Y ☐N	☐Y ☐N	☐	☑
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	☑Y ☐N	☐Y ☒N	☐	☐
2. Specific Closure-by-Removal Requirements				
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	☑Y ☐N	☐Y ☒N	☐	☐
b. Tank cleaned before being removed from site.	☑Y ☐N	☐Y ☒N	☐	☐
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.	☑Y ☐N	☐Y ☒N	☐	☐
NOTE: *COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL*				
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☑Y ☐N	☐Y ☒N	☐	☐
e. Site security is provided while the excavation is open.	☑Y ☐N	☐Y ☒N	☐	☐
3. Specific Closure-In-Place Requirements	☐Y ☐N	☐Y ☐N	☐	☐
NOTE: *CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.*				
a. Tank properly cleaned to remove all sludge and residue.	☐Y ☐N	☐Y ☐N	☐	☐
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	☐Y ☐N	☐Y ☐N	☐	☐
c. Vent line disconnected or removed.	☐Y ☐N	☐Y ☐N	☐	☐
d. Inventory form filed by owner with the DATCP indicating closure in-place.	☐Y ☐N	☐Y ☐N	☐	☐

E. ☐ REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 5 days in advance of service date.	☐Y	☐N	☐NA
All local permits were obtained before beginning service.	☐Y	☐N	☐NA
Form TR-WM-137 or 0 TR-WM-118 filed by owner with the DATCP indicating change-in-service.	☐Y	☐N	☐NA

F. METHOD OF VAPOR FREEING OF TANK

☑ Displacement of vapors by eductor or diffused air blower.

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.

☐ Inert gas using dry ice or liquid carbon dioxide.

☐ Inert gas using CO_2 or N_2 **NOTE:** *INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.*

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.

Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☑ Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.

☑ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

☑ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

Distribution: DATCP DNR Inspector Contractor Owner

G. REMOVER/CLEANER INFORMATION

NICHOLAS ANDERSON	[signature]	412217	03/05/2018
REMOVER/CLEANER NAME (PRINT)	REMOVER/CLEANER SIGNATURE	CERTIFICATION NO	DATE SIGNED

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93.

Company expected to perform soil contamination assessment UNITED ENGINEERING CONSULTANTS, INC.

H. INSPECTOR INFORMATION

John Yarcho	John Yarcho	467298	
INSPECTOR NAME (PRINT)	INSPECTOR SIGNATURE	INSPECTOR CERTIFICATION NO	LPO AGENCY #
4020		(414) 286 2842	3-20-18
FDID # FOR LOCATION WHERE INSPECTION PERFORMED		INSPECTOR TELEPHONE NUMBER	DATE SIGNED

INSPECTOR NOTES:

Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-140 (10/17)) Formerly ERS-8951

Part B – To be completed by environmental professional - Submit *original* Part B to the WDNR along with a *copy* of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

SITE NAME - ***Note: SITE NAME and address MUST MATCH with Part A Section 1.***

FORMER COMEDY CLUB CAFE

SITE ADDRESS (Not PO Box)	☑ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
615 E. BRADY STREET	MILWAUKEE	WI	53202

To determine if a TSSA is required, see ATCP 93 and section II part B of *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

If a TSSA is required, then follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS*

1. Site Information

a. Has there been a previously documented release at this site? ☑ Y ☐ N

If yes, provide the DATCP # _____ or DNR BRRT's # 02-41-553001

b. Number of active tanks at facility prior to completion of current services: USTs 0 ASTs 0

(**NOTE 1**: *Do not include previously closed systems or system components.*)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	9	7	7

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: ☑ Yes ☐ No b. Petroleum odor: ☑ Yes ☐ No c. Water In excavation/trench: ☐ Yes ☑ No

d. Free product in the excavation/trench: ☐ Yes ☑ No e. Sheen or free product on water: ☐ Yes ☑ No

3. Geology/Hydrogeology

a. Depth to groundwater ~32.5 feet b. Indicate type of geology[2] BROWN SILTY CLAY

4. Receptors

a. Water supply well(s) within 250 feet of the facility? ☐ Yes ☑ No If yes, specify: _____

b. Surface water(s) within 1000 feet of the facility? ☑ Yes ☐ No If yes, specify: MILWAUKEE RIVER

5. Sampling

a. Follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Distribution: DATCP DNR Inspector Contractor Owner

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

☐ As a tank-system site assessor certified under Wis. Admin. Code section SPS 305.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☑ Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of $10 and a maximum of $5000 for each violation under Wis. Stats. Section 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

NICK ANDERSON	[signature]	412216
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM SITE ASSESSOR SIGNATURE	CERTIFICATION NO.

(262) 785-1447	3/22/2018	UNITED ENGINEERING CONSULTANTS, INC.
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME

This document can be made available in alternate formats to individuals with disabilities upon request.

Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-140 (10/17) Formerly ERS-8951

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
P.O. Box 7837, Madison, WI 53707-7837
(608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

CHECK ONE: ☑ **UNDERGROUND** ☐ **ABOVEGROUND**

Part A – To be completed by contractor performing repair or closure

A. TYPE OF SERVICE ☑ CLOSURE ☐ REPAIR/UPGRADE ☐ CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

☐ Remote fill ☐ Tank ☐ Piping ☐ Transition/containment sump ☐ Spill bucket ☐ Dispenser

B. IDENTIFICATION

OWNER INFORMATION

OWNER NAME	CONTACT NAME	TITLE
MILWAUKEE HOLDINGS LLC	JOSHUA IVEY	OWNER

MAILING ADDRESS	☑ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
913 29TH STREET	DES MOINES	IA	50312

TELEPHONE:	E-MAIL
(319) 530-0239	Josh@woolysdm.com

SITE INFORMATION

FACILITY NAME: FORMER COMEDY CLUB CAFE

SITE ADDRESS (Not PO Box)	☑ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
615 E. BRADY STREET	MILWAUKEE	WI	53202

SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above	TELEPHONE:	CELL:
UNITED ENGINEERING CONSULTANTS, INC.	262785-1447	( ) -

STREET ADDRESS	☑ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
16237 W. RYERSON ROAD	NEW BERLIN	WI	53151

C. TANK SYSTEM DETAIL (Complete for all service activities)

a	b	c	d	e	f	g	h	
Tank ID #	Type of Closure[1]	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents[2]	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	If "Yes" to "g", Then Specify Source and Cause of Release[5]	
							Source of Release[3]	Cause of Release[4]
	P	S	NA					
	P	S	NA	4000	LG/UG	☑ Yes ☐ No	T	C
						☐ Yes ☐ No		
						☐ Yes ☐ No		
						☐ Yes ☐ No		
						☐ Yes ☐ No		
						☐ Yes ☐ No		
						☐ Yes ☐ No		

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
2. Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):
3. CAS number(s):
4. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown
5. Cause of release:
   S = spill, O = overfill, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown
6. Has release been reported to the Department of Natural Resources? ☑ Yes ☐ No ☐ Release not evident at this time

Part A Distribution: DATCP DNR Inspector Contractor Owner

D. CLOSURES (Check applicable box at right in response to all statements in section D)

Written notification was provided to the local agent 5 days in advance of closure date. ☐ Yes ☑ No

All local permits were obtained before beginning closure. ☐ Yes ☑ No ☐ NA

☒ UST Form TR-WM-137 or ☐ AST Form TR-WM-118 filed by owner with the DATCP indicating closure. ☐ Yes ☐ No ☐ NA

NOTE: *TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST*

D.1 ☐ TEMPORARILY OUT-OF-SERVICE	Remover Verified	Inspector Verified	Inspector Not Present	NA
1. Product removed.				
a. Product lines drained into tank (or other container) and liquid removed, and	☐ Y ☐ N	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
D.2. ☒ CLOSURE BY REMOVAL OR IN-PLACE				
1. General Requirements	☑ Y ☐ N	☐ Y ☒ N	☐	☐
a. Product from piping drained into tank (or other container).	☐ Y ☐ N	☐ Y ☐ N	☐	☑
b. Piping disconnected from tank and removed.	☐ Y ☐ N	☐ Y ☐ N	☐	☑
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
f. Vent lines left connected until tanks purged.	☐ Y ☐ N	☐ Y ☐ N	☐	☑
g. Tank openings temporarily plugged so vapors exit through vent	☐ Y ☐ N	☐ Y ☐ N	☐	☑
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
2. Specific Closure-by-Removal Requirements				
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
b. Tank cleaned before being removed from site.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
NOTE: *COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL*				
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
e. Site security is provided while the excavation is open.	☒ Y ☐ N	☐ Y ☒ N	☐	☐
3. Specific Closure-In-Place Requirements	☐ Y ☐ N	☐ Y ☐ N	☐	☐
NOTE: *CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.*				
a. Tank properly cleaned to remove all sludge and residue.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
c. Vent line disconnected or removed.	☐ Y ☐ N	☐ Y ☐ N	☐	☐
d. Inventory form filed by owner with the DATCP indicating closure in-place.	☐ Y ☐ N	☐ Y ☐ N	☐	☐

E. ☐ REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 5 days in advance of service date.	☐ Y ☐ N	☐ NA	
All local permits were obtained before beginning service.	☐ Y ☐ N	☐ NA	
Form TR-WM-137 or 0 TR-WM-118 filed by owner with the DATCP indicating change-in-service.	☐ Y ☐ N	☐ NA	

F. METHOD OF VAPOR FREEING OF TANK

☑ Displacement of vapors by eductor or diffused air blower.

Eductor driven by compressed air, bonded and drop tube left in place, vapors discharged minimum of 12 feet above ground.

☐ Inert gas using dry ice or liquid carbon dioxide.

☐ Inert gas using CO_2 or N_2 **NOTE**: *INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT*

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.

Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☑ Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.

☑ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

☑ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

Distribution: DATCP DNR Inspector Contractor Owner

G. REMOVER/CLEANER INFORMATION

NICHOLAS ANDERSON	[signature]	412217	03/07/18
REMOVER/CLEANER NAME (PRINT):	REMOVER/CLEANER SIGNATURE	CERTIFICATION NO	DATE SIGNED

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93.

Company expected to perform soil contamination assessment UNITED ENGINEERING CONSULTANTS, INC.

H. INSPECTOR INFORMATION

John Yarcho	John Yarcho	467298	
INSPECTOR NAME (PRINT):	INSPECTOR SIGNATURE	INSPECTOR CERTIFICATION NO	LPO AGENCY #
4020		(914) 286-2842	3/14/18
FDID # FOR LOCATION WHERE INSPECTION PERFORMED		INSPECTOR TELEPHONE NUMBER	DATE SIGNED

INSPECTOR NOTES:

Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-140 (10/17)) Formerly ERS-8951

Part B – To be completed by environmental professional - Submit *original* Part B to the WDNR along with a *copy* of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

SITE NAME - ***Note: SITE NAME and address MUST MATCH with Part A Section 1.***

FORMER COMEDY CLUB CAFE

SITE ADDRESS (Not PO Box)	☑ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
615 E. BRADY STREET	MILWAUKEE	WI	53202

To determine if a TSSA is required, see ATCP 93 and section II part B of *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

If a TSSA is required, then follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS*

1. Site Information

a. Has there been a previously documented release at this site? ☑ Y ☐ N

If yes, provide the DATCP # _____ or DNR BRRT's # 02-41-553001

b. Number of active tanks at facility prior to completion of current services: USTs 0 ASTs 0

(**NOTE 1**: *Do not include previously closed systems or system components.*)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	30	10	9

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: ☑ Yes ☐ No b. Petroleum odor: ☑ Yes ☐ No c. Water In excavation/trench: ☑ Yes ☐ No

d. Free product in the excavation/trench: ☐ Yes ☑ No e. Sheen or free product on water: ☐ Yes ☐ No

3. Geology/Hydrogeology

a. Depth to groundwater ~32.5 feet b. Indicate type of geology[2] BROWN SILTY CLAY

4. Receptors

a. Water supply well(s) within 250 feet of the facility? ☐ Yes ☑ No If yes, specify: _____

b. Surface water(s) within 1000 feet of the facility? ☑ Yes ☐ No If yes, specify: MILWAUKEE RIVER

5. Sampling

a. Follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

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TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
PE-E	BROWN CLAYEY SILT	☑	☐	☐	☐	2	ND	NA	NA
PE-C	↓	☑	☐	☐	☐	2	ND	↓	↓
PE-W	↓	☑	☐	☐	☐	2	ND	↓	↓
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				
		☐	☐	☐	☐				

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PE-E	<38.6	<46.3	<25.2	<66.3	<426/<25.0	<53.6	165
PE-C	<38.6	<46.3	<25.2	66.3	<42.6/<25.0	<53.6	116
PE-W	<38.6	<46.3	<25.2	<66.2	<42.6/25.0	<53.6	134

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

☐ As a tank-system site assessor certified under Wis. Admin. Code section SPS 305.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☑ Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of $10 and a maximum of $5000 for each violation under Wis. Stats. Section 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

NICHOLAS ANDERSON		412216
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM SITE ASSESSOR SIGNATURE	CERTIFICATION NO.
(262) 786-1447	3/22/2018	UNITED ENGINEERING CONSULTANTS, INC.
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME

This document can be made available in alternate formats to individuals with disabilities upon request.

Distribution: DATCP DNR Inspector Contractor Owner

Environmental Monitoring and Technologies, Inc.

8100 N. Austin Avenue Morton Grove, IL 60053-3203 **P** 847.967.6666 800.246.0663 **F** 847.967.6735 www.emt.com

Analytical Report

Timothy J. Anderson
United Engineering Consultants, Inc.
16237 W. Ryerson Road
New Berlin, WI 53151

March 29, 2018

Work Order: 18C0468

RE: Waste Characterization
18006/18009

Dear Timothy J. Anderson:

Enclosed are the analytical reports for the EMT Work Order listed. Also included with this analytical report is a copy of the chain of custody associated with these samples. If you have any questions, please contact me.

Sincerely,

Katherine Langfoss
Project Manager
847.967.6666
klangfoss@emt.com
Approved for release: 3/29/2018 12:11:22PM

Approved by,

Matthew Gregory
Technical Manager

State of Wisconsin Dept of Natural Resources, Cert No. 999888890

Table of Contents

Environmental Monitoring and Technologies, Inc.

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Sample Summary

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-615	18C0468-01	Soil	03/07/18 11:00	03/13/18 17:15
FO-BROADWAY	18C0468-02	Soil	03/08/18 12:00	03/13/18 17:15
PE-E	18C0468-03	Soil	03/07/18 10:45	03/13/18 17:15
PE-C	18C0468-04	Soil	03/07/18 10:50	03/13/18 17:15
PE-W	18C0468-05	Soil	03/07/18 10:55	03/13/18 17:15

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Case Narrative

Client: United Engineering Consultants, Inc. **Date:** 03/29/2018
Project: Waste Characterization
18006/18009
Work Order: 18C0468

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Sample results only relate to the sample(s) received at the laboratory and analytes of interest tested.

Work Order: 18C0468
The samples were received on 03/13/18 17:15. The samples arrived in good condition and properly preserved. The temperature of the cooler at receipt was

Cooler	Temp C°
Default Cooler	2.0

Refer to Qualifiers and Definitions for quality and analytical clarifications or deviations.

Version 2.
This is a revised report with total VOC reported for Sample -01, SP-615, per client request.

GC/MS Semivolatiles
Method: 8270D_SVOC_TCLP, B8C0637-BS1: The recovery for two compounds in the blank spike were below the laboratory control limit, However, the BSD recoveries were within acceptable laboratory control limits.

Method: 8270D_SVOC_TCLP, B8C0637-BS1/BSD1: The relative percent difference (RPD) for two spike compounds were outside of the 20% limit. However, the compounds in question were not detected in the sample.

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Client Sample Results

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Client Sample ID: SP-615
Report Date: 03/29/2018
Collection Date: 03/07/2018 11:00
Matrix: Soil
Lab ID: 18C0468-01

Analyses	Result	EMT Reporting Limit	Qual	Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
Metals by ICP-AES										
Method: SW6010C / SW3015 / SW1311										
Lead, TCLP	< 0.0140	0.0500		mg/L	5	0.0140	03/15/18 19:41	B8C0526	GJ1	1
Wet Chemistry										
Method: SM2540G										
Total Solids	**88.0**	0.100	H	% (Percent)		0.00700	03/27/18 17:10	B8C0934	JJ2	1
Volatile Organic Compounds by GC/MS										
Method: SW8260B / SW5030 / SW1311										
1,1-Dichloroethene, TCLP	< 0.00585	0.0200		mg/L		0.00585	03/22/18 07:21	B8C0737	JL	1
1,2-Dichloroethane, TCLP	< 0.00725	0.0400		mg/L		0.00725	03/22/18 07:21	B8C0737	JL	1
1,4-Dichlorobenzene, TCLP	< 0.00430	0.0200		mg/L		0.00430	03/22/18 07:21	B8C0737	JL	1
2-Butanone, TCLP	< 0.0477	0.200		mg/L		0.0477	03/22/18 07:21	B8C0737	JL	1
Benzene, TCLP	< 0.00470	0.0200		mg/L		0.00470	03/22/18 07:21	B8C0737	JL	1
Carbon tetrachloride, TCLP	< 0.00425	0.0200		mg/L		0.00425	03/22/18 07:21	B8C0737	JL	1
Chlorobenzene, TCLP	< 0.00305	0.0200		mg/L		0.00305	03/22/18 07:21	B8C0737	JL	1
Chloroform, TCLP	< 0.00650	0.0400		mg/L		0.00650	03/22/18 07:21	B8C0737	JL	1
Tetrachloroethene, TCLP	**0.00675**	0.0200	J	mg/L		0.00510	03/22/18 07:21	B8C0737	JL	1
Trichloroethene, TCLP	< 0.00450	0.0200		mg/L		0.00450	03/22/18 07:21	B8C0737	JL	1
Vinyl chloride, TCLP	< 0.00525	0.0200		mg/L		0.00525	03/22/18 07:21	B8C0737	JL	1
Surrogate: Dibromofluoromethane, TCLP				*Recovery: 111%*		*Limits: 78-119*	*03/22/18 07:21*	*B8C0737*	*JL*	*1*
Surrogate: 1,2-Dichloroethane-d4, TCLP				*Recovery: 131%*		*Limits: 71-136*	*03/22/18 07:21*	*B8C0737*	*JL*	*1*
Surrogate: Fluorobenzene, TCLP				*Recovery: 98%*		*Limits: 81-114*	*03/22/18 07:21*	*B8C0737*	*JL*	*1*
Surrogate: Toluene-d8, TCLP				*Recovery: 91%*		*Limits: 85-116*	*03/22/18 07:21*	*B8C0737*	*JL*	*1*
Surrogate: 4-Bromofluorobenzene, TCLP				*Recovery: 102%*		*Limits: 79-119*	*03/22/18 07:21*	*B8C0737*	*JL*	*1*
Surrogate: 1,2-Dichlorobenzene-d4, TCLP				*Recovery: 106%*		*Limits: 80-120*	*03/22/18 07:21*	*B8C0737*	*JL*	*1*
Method: SW-846 8260B/WDNR: PUBL-FW-140										
1,1,1-Trichloroethane	< 25.0	25.0		ug/Kg dry		23.7	03/28/18 18:58	B8C1040	JL	50
1,1,2,2-Tetrachloroethane	< 25.0	25.0		ug/Kg dry		22.9	03/28/18 18:58	B8C1040	JL	50
1,1,2-Trichloroethane	< 25.0	25.0		ug/Kg dry		23.5	03/28/18 18:58	B8C1040	JL	50
1,1-Dichloroethane	< 35.6	35.6		ug/Kg dry		35.6	03/28/18 18:58	B8C1040	JL	50
1,1-Dichloroethene	< 27.8	27.8		ug/Kg dry		27.8	03/28/18 18:58	B8C1040	JL	50
1,2,4-Trimethylbenzene	< 25.0	25.0		ug/Kg dry		13.7	03/28/18 18:58	B8C1040	JL	50
1,2-Dibromo-3-chloropropane	< 39.0	39.0		ug/Kg dry		39.0	03/28/18 18:58	B8C1040	JL	50
1,2-Dibromoethane	< 25.0	25.0		ug/Kg dry		11.9	03/28/18 18:58	B8C1040	JL	50
1,2-Dichloroethane	< 25.0	25.0		ug/Kg dry		8.64	03/28/18 18:58	B8C1040	JL	50
1,2-Dichloropropane	< 25.0	25.0		ug/Kg dry		16.0	03/28/18 18:58	B8C1040	JL	50
1,3,5-Trimethylbenzene	< 25.0	25.0		ug/Kg dry		13.5	03/28/18 18:58	B8C1040	JL	50
1-Butanol	< 408	408		ug/Kg dry		408	03/28/18 18:58	B8C1040	JL	50
2-Butanone	< 101	101		ug/Kg dry		101	03/28/18 18:58	B8C1040	JL	50
2-Hexanone	< 70.0	70.0		ug/Kg dry		70.0	03/28/18 18:58	B8C1040	JL	50
4-Methyl-2-pentanone	< 47.1	47.1		ug/Kg dry		47.1	03/28/18 18:58	B8C1040	JL	50
Acetone	< 174	174		ug/Kg dry		174	03/28/18 18:58	B8C1040	JL	50
Acrylonitrile	< 50.0	50.0		ug/Kg dry		50.0	03/28/18 18:58	B8C1040	JL	50
Benzene	< 25.0	25.0		ug/Kg dry		10.2	03/28/18 18:58	B8C1040	JL	50

Environmental Monitoring and Technologies, Inc.

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Client Sample ID: SP-615
Report Date: 03/29/2018
Collection Date: 03/07/2018 11:00
Matrix: Soil
Lab ID: 18C0468-01 (Continued)

Analyses	Result	EMT Reporting Limit	Qual	Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
Volatile Organic Compounds by GC/MS (Continued)										
Method: SW-846 8260B/WDNR: PUBL-FW-140 (Continued)										
Bromodichloromethane	< 25.0	25.0		ug/Kg dry		15.3	03/28/18 18:58	B8C1040	JL	50
Bromoform	< 25.0	25.0		ug/Kg dry		16.6	03/28/18 18:58	B8C1040	JL	50
Carbon disulfide	< 25.0	25.0		ug/Kg dry		12.4	03/28/18 18:58	B8C1040	JL	50
Carbon tetrachloride	< 25.0	25.0		ug/Kg dry		10.8	03/28/18 18:58	B8C1040	JL	50
Chlorobenzene	< 25.0	25.0		ug/Kg dry		11.8	03/28/18 18:58	B8C1040	JL	50
Chloroform	< 25.0	25.0		ug/Kg dry		22.1	03/28/18 18:58	B8C1040	JL	50
cis-1,2-Dichloroethene	< 25.0	25.0		ug/Kg dry		24.4	03/28/18 18:58	B8C1040	JL	50
Dibromochloromethane	< 25.0	25.0		ug/Kg dry		19.4	03/28/18 18:58	B8C1040	JL	50
Ethylbenzene	< 25.0	25.0		ug/Kg dry		15.2	03/28/18 18:58	B8C1040	JL	50
m,p-Xylene	< 75.7	75.7		ug/Kg dry		75.7	03/28/18 18:58	B8C1040	JL	50
Methyl tert-butyl ether	< 25.0	25.0		ug/Kg dry		17.8	03/28/18 18:58	B8C1040	JL	50
Methylene chloride	< 41.6	41.6		ug/Kg dry		41.6	03/28/18 18:58	B8C1040	JL	50
o-Xylene	< 25.0	25.0		ug/Kg dry		10.5	03/28/18 18:58	B8C1040	JL	50
Styrene	< 25.0	25.0		ug/Kg dry		15.2	03/28/18 18:58	B8C1040	JL	50
Tetrachloroethene	**212**	25.0		ug/Kg dry		18.4	03/28/18 18:58	B8C1040	JL	50
Toluene	< 25.0	25.0		ug/Kg dry		13.8	03/28/18 18:58	B8C1040	JL	50
trans-1,2-Dichloroethene	< 33.6	33.6		ug/Kg dry		33.6	03/28/18 18:58	B8C1040	JL	50
Trichloroethene	**27.9**	25.0		ug/Kg dry		12.3	03/28/18 18:58	B8C1040	JL	50
Vinyl acetate	< 27.3	27.3		ug/Kg dry		27.3	03/28/18 18:58	B8C1040	JL	50
Vinyl chloride	< 25.0	25.0		ug/Kg dry		16.8	03/28/18 18:58	B8C1040	JL	50
Xylenes, Total	< 86.2	86.2		ug/Kg dry		86.2	03/28/18 18:58	B8C1040	JL	50
1,2-Dichloroethene, Total	< 58.0	58.0		ug/Kg dry		58.0	03/28/18 18:58	B8C1040	JL	50
Surrogate: Dibromofluoromethane				*Recovery: 101%*	*Limits: 78-137*		*03/28/18 18:58*	*B8C1040*	*JL*	*50*
Surrogate: 1,2-Dichloroethane-d4				*Recovery: 103%*	*Limits: 86-137*		*03/28/18 18:58*	*B8C1040*	*JL*	*50*
Surrogate: Fluorobenzene				*Recovery: 97%*	*Limits: 80-120*		*03/28/18 18:58*	*B8C1040*	*JL*	*50*
Surrogate: Toluene-d8				*Recovery: 92%*	*Limits: 85-115*		*03/28/18 18:58*	*B8C1040*	*JL*	*50*
Surrogate: 4-Bromofluorobenzene				*Recovery: 93%*	*Limits: 85-120*		*03/28/18 18:58*	*B8C1040*	*JL*	*50*
Surrogate: 1,2-Dichlorobenzene-d4				*Recovery: 119%*	*Limits: 85-128*		*03/28/18 18:58*	*B8C1040*	*JL*	*50*
Semivolatile Organic Compounds by GC/MS										
Method: SW8270D / SW3510 / SW1311										
Cresols, Total, TCLP	< 0.0040	0.0177		mg/L	200	0.0040	03/21/18 05:38	B8C0637	JN1	2
1,4-Dichlorobenzene, TCLP	< 0.0014	0.0088		mg/L	7.5	0.0014	03/21/18 05:38	B8C0637	JN1	2
2,4,5-Trichlorophenol, TCLP	< 0.0051	0.0442		mg/L	400	0.0051	03/21/18 05:38	B8C0637	JN1	2
2,4,6-Trichlorophenol, TCLP	< 0.0057	0.0442		mg/L	2	0.0057	03/21/18 05:38	B8C0637	JN1	2
2,4-Dinitrotoluene, TCLP	< 0.0032	0.0221		mg/L	0.13	0.0032	03/21/18 05:38	B8C0637	JN1	2
2-Methylphenol, TCLP	< 0.0020	0.0088		mg/L	200	0.0020	03/21/18 05:38	B8C0637	JN1	2
3 & 4-Methylphenol, TCLP	< 0.0020	0.0088		mg/L	200	0.0020	03/21/18 05:38	B8C0637	JN1	2
Hexachlorobenzene, TCLP	< 0.0017	0.0088		mg/L	0.13	0.0017	03/21/18 05:38	B8C0637	JN1	2
Hexachlorobutadiene, TCLP	< 0.0053	0.0442		mg/L	0.5	0.0053	03/21/18 05:38	B8C0637	JN1	2
Hexachloroethane, TCLP	< 0.0056	0.0442		mg/L	3	0.0056	03/21/18 05:38	B8C0637	JN1	2
Nitrobenzene, TCLP	< 0.0026	0.0177		mg/L	2	0.0026	03/21/18 05:38	B8C0637	JN1	2
Pentachlorophenol, TCLP	< 0.0335	0.221		mg/L	100	0.0335	03/21/18 05:38	B8C0637	JN1	2
Pyridine, TCLP	< 0.0160	0.110		mg/L	5	0.0160	03/21/18 05:38	B8C0637	JN1	2
Surrogate: 2-Fluorophenol, TCLP				*Recovery: 42%*	*Limits: 4-108*		*03/21/18 05:38*	*B8C0637*	*JN1*	*2*

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Client Sample ID: SP-615
Report Date: 03/29/2018
Collection Date: 03/07/2018 11:00
Matrix: Soil
Lab ID: 18C0468-01 (Continued)

Analyses	Result	EMT Reporting Limit	Qual	Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
Semivolatile Organic Compounds by GC/MS (Continued)										
Method: SW8270D / SW3510 / SW1311 (Continued)										
Surrogate: Phenol-d5, TCLP				*Recovery: 36%*		*Limits: 1-101*	*03/21/18 05:38*	*B8C0637*	*JN1*	*2*
Surrogate: Nitrobenzene-d5, TCLP				*Recovery: 50%*		*Limits: 23-119*	*03/21/18 05:38*	*B8C0637*	*JN1*	*2*
Surrogate: 2-Fluorobiphenyl, TCLP				*Recovery: 44%*		*Limits: 28-124*	*03/21/18 05:38*	*B8C0637*	*JN1*	*2*
Surrogate: 2,4,6-Tribromophenol, TCLP				*Recovery: 40%*		*Limits: 11-102*	*03/21/18 05:38*	*B8C0637*	*JN1*	*2*
Surrogate: 4-Terphenyl-d14, TCLP				*Recovery: 116%*		*Limits: 79-147*	*03/21/18 05:38*	*B8C0637*	*JN1*	*2*

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Client Sample ID: PE-E
Report Date: 03/29/2018
Collection Date: 03/07/2018 10:45
Matrix: Soil
Lab ID: 18C0468-03

Analyses	Result	EMT Reporting Limit	Qual	Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
Wet Chemistry										
Method: SM2540G										
Total Solids	**93.5**	0.100		% (Percent)		0.00700	03/14/18 17:32	B8C0504	JJ2	1
PVOC Compounds by GC PID/FID										
Method: WI(95)-GRO/PVOC: PUBL-SW-140										
1,2,4-Trimethylbenzene	< 42.6	42.6		ug/Kg dry		42.6	03/15/18 17:21	B8C0564	FP1	50
1,3,5-Trimethylbenzene	< 25.0	25.0		ug/Kg dry		21.0	03/15/18 17:21	B8C0564	FP1	50
Benzene	< 38.6	38.6		ug/Kg dry		38.6	03/15/18 17:21	B8C0564	FP1	50
Ethylbenzene	< 25.2	25.2		ug/Kg dry		25.2	03/15/18 17:21	B8C0564	FP1	50
m,p-Xylene	< 25.0	25.0		ug/Kg dry		23.1	03/15/18 17:21	B8C0564	FP1	50
Methyl tert-butyl ether	< 66.3	66.3		ug/Kg dry		66.3	03/15/18 17:21	B8C0564	FP1	50
Naphthalene	**165**	44.8		ug/Kg dry		44.8	03/15/18 17:21	B8C0564	FP1	50
o-Xylene	< 31.7	31.7		ug/Kg dry		31.7	03/15/18 17:21	B8C0564	FP1	50
Toluene	< 46.3	46.3		ug/Kg dry		46.3	03/15/18 17:21	B8C0564	FP1	50
Xylenes, Total	< 53.6	53.6		ug/Kg dry		53.6	03/15/18 17:21	B8C0564	FP1	50
Surrogate: 1,4-Dichlorobenzene-d4				*Recovery: 101%*		*Limits: 70-130*	*03/15/18 17:21*	*B8C0564*	*FP1*	*50*

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
18006/18009
Work Order: 18C0468

Client Sample ID: PE-C
Report Date: 03/29/2018
Collection Date: 03/07/2018 10:50
Matrix: Soil
Lab ID: 18C0468-04

Analyses	Result	EMT Reporting Limit	Qual	Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
Wet Chemistry										
Method: SM2540G										
Total Solids	**93.7**	0.100		% (Percent)		0.00700	03/14/18 17:34	B8C0504	JJ2	1
PVOC Compounds by GC PID/FID										
Method: WI(95)-GRO/PVOC: PUBL-SW-140										
1,2,4-Trimethylbenzene	< 42.6	42.6		ug/Kg dry		42.6	03/15/18 17:56	B8C0564	FP1	50
1,3,5-Trimethylbenzene	< 25.0	25.0		ug/Kg dry		21.0	03/15/18 17:56	B8C0564	FP1	50
Benzene	< 38.6	38.6		ug/Kg dry		38.6	03/15/18 17:56	B8C0564	FP1	50
Ethylbenzene	< 25.2	25.2		ug/Kg dry		25.2	03/15/18 17:56	B8C0564	FP1	50
m,p-Xylene	< 25.0	25.0		ug/Kg dry		23.1	03/15/18 17:56	B8C0564	FP1	50
Methyl tert-butyl ether	< 66.3	66.3		ug/Kg dry		66.3	03/15/18 17:56	B8C0564	FP1	50
Naphthalene	**116**	44.8		ug/Kg dry		44.8	03/15/18 17:56	B8C0564	FP1	50
o-Xylene	< 31.7	31.7		ug/Kg dry		31.7	03/15/18 17:56	B8C0564	FP1	50
Toluene	< 46.3	46.3		ug/Kg dry		46.3	03/15/18 17:56	B8C0564	FP1	50
Xylenes, Total	< 53.6	53.6		ug/Kg dry		53.6	03/15/18 17:56	B8C0564	FP1	50
Surrogate: 1,4-Dichlorobenzene-d4				*Recovery: 106%*		*Limits: 70-130*	*03/15/18 17:56*	*B8C0564*	*FP1*	*50*

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Client Sample Results

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
18006/18009
Work Order: 18C0468

Client Sample ID: PE-W
Report Date: 03/29/2018
Collection Date: 03/07/2018 10:55
Matrix: Soil
Lab ID: 18C0468-05

Analyses	Result	EMT Reporting Limit	Qual	Units	Reg Limit	MDL	Date/Time Analyzed	Batch	Analyst	DF
Wet Chemistry										
Method: SM2540G										
Total Solids	**83.9**	0.100		% (Percent)		0.00700	03/14/18 17:36	B8C0504	JJ2	1
PVOC Compounds by GC PID/FID										
Method: WI(95)-GRO/PVOC: PUBL-SW-140										
1,2,4-Trimethylbenzene	< 42.6	42.6		ug/Kg dry		42.6	03/15/18 18:32	B8C0564	FP1	50
1,3,5-Trimethylbenzene	< 25.0	25.0		ug/Kg dry		21.0	03/15/18 18:32	B8C0564	FP1	50
Benzene	< 38.6	38.6		ug/Kg dry		38.6	03/15/18 18:32	B8C0564	FP1	50
Ethylbenzene	< 25.2	25.2		ug/Kg dry		25.2	03/15/18 18:32	B8C0564	FP1	50
m,p-Xylene	< 25.0	25.0		ug/Kg dry		23.1	03/15/18 18:32	B8C0564	FP1	50
Methyl tert-butyl ether	< 66.3	66.3		ug/Kg dry		66.3	03/15/18 18:32	B8C0564	FP1	50
Naphthalene	**134**	44.8		ug/Kg dry		44.8	03/15/18 18:32	B8C0564	FP1	50
o-Xylene	< 31.7	31.7		ug/Kg dry		31.7	03/15/18 18:32	B8C0564	FP1	50
Toluene	< 46.3	46.3		ug/Kg dry		46.3	03/15/18 18:32	B8C0564	FP1	50
Xylenes, Total	< 53.6	53.6		ug/Kg dry		53.6	03/15/18 18:32	B8C0564	FP1	50
Surrogate: 1,4-Dichlorobenzene-d4				*Recovery: 94%*		*Limits: 70-130*	*03/15/18 18:32*	*B8C0564*	*FP1*	*50*

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Dates Report

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
18006/18009
Work Order: 18C0468

Report Date: 03/29/2018

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
18C0468-01	SP-615	03/07/18	Soil	Lead, TCLP ICP-AES	03/14/18 11:32	03/15/18 12:29	03/15/18 19:41	B8C0526	S8C0247
				Semivolatile Organic Compounds TCLP by GC/MS	03/14/18 11:32	03/20/18 08:50	03/21/18 05:38	B8C0637	S8C0327
				Volatile Organic Compounds TCLP by GC/MS	03/16/18 16:02	03/21/18 12:07	03/22/18 07:21	B8C0737	S8C0332
				Total Solids / Percent Moisture		03/27/18 16:53	03/27/18 17:10	B8C0934	
				Volatile Organic Compounds (WDNR) by GC/MS		03/28/18 11:38	03/28/18 18:58	B8C1040	S8C0485
18C0468-02	FO-BROADWAY	03/08/18		Total Solids / Percent Moisture		03/14/18 17:09	03/14/18 17:30	B8C0504	
				Volatile Organic Compounds by GC/MS		03/15/18 13:00	03/16/18 00:48	B8C0554	S8C0249
18C0468-03	PE-E	03/07/18		Total Solids / Percent Moisture		03/14/18 17:09	03/14/18 17:32	B8C0504	
				PVOC (WDNR) by GC/FID		03/15/18 09:00	03/15/18 17:21	B8C0564	S8C0253
18C0468-04	PE-C	03/07/18		Total Solids / Percent Moisture		03/14/18 17:09	03/14/18 17:34	B8C0504	
				PVOC (WDNR) by GC/FID		03/15/18 09:00	03/15/18 17:56	B8C0564	S8C0253
18C0468-05	PE-W	03/07/18		Total Solids / Percent Moisture		03/14/18 17:09	03/14/18 17:36	B8C0504	
				PVOC (WDNR) by GC/FID		03/15/18 09:00	03/15/18 18:32	B8C0564	S8C0253

Environmental Monitoring and Technologies, Inc.

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Quality Control

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Solid

Wet Chemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C0504											
Blank (B8C0504-BLK1)				*Prepared: 03/14/2018 17:09*			*Analyzed: 03/14/2018 17:42*				
Total Solids	< 0.00700	0.100	%								1
LCS (B8C0504-BS1)				*Prepared: 03/14/2018 17:09*			*Analyzed: 03/14/2018 17:44*				
Total Solids	0.189	0.100	%	0.2000		94.6	80.2-112				1
Batch: B8C0934											
Blank (B8C0934-BLK1)				*Prepared: 03/27/2018 16:53*			*Analyzed: 03/27/2018 17:24*				
Total Solids	< 0.00700	0.100	%								1
LCS (B8C0934-BS1)				*Prepared: 03/27/2018 16:53*			*Analyzed: 03/27/2018 17:26*				
Total Solids	0.178	0.100	%	0.2000		89.1	80.2-112				1
Duplicate (B8C0934-DUP1)		**Source: 18C0815-02**		*Prepared: 03/27/2018 16:53*			*Analyzed: 03/27/2018 17:28*				
Total Solids	99.0	0.100	%		99.0			0.0427	5		1

Environmental Monitoring and Technologies, Inc.

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Solid

PVOC Compounds by GC PID/FID

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C0564											
Blank (B8C0564-BLK1)				*Prepared: 03/15/2018 09:00*			*Analyzed: 03/15/2018 10:59*				
1,2,4-Trimethylbenzene	< 42.6	42.6	ug/Kg wet								50
1,3,5-Trimethylbenzene	< 25.0	25.0	ug/Kg wet								50
Benzene	< 38.6	38.6	ug/Kg wet								50
Ethylbenzene	< 25.2	25.2	ug/Kg wet								50
m,p-Xylene	< 25.0	25.0	ug/Kg wet								50
Methyl tert-butyl ether	< 66.3	66.3	ug/Kg wet								50
Naphthalene	< 44.8	44.8	ug/Kg wet								50
o-Xylene	< 31.7	31.7	ug/Kg wet								50
Toluene	< 46.3	46.3	ug/Kg wet								50
Xylenes, Total	< 53.6	53.6	ug/Kg wet								50
Surrogate: 1,4-Dichlorobenzene-d4	*19.7*		*ug/Kg*	*20.00*		*98*	*70-130*				*50*
LCS (B8C0564-BS1)				*Prepared: 03/15/2018 09:00*			*Analyzed: 03/15/2018 16:44*				
1,2,4-Trimethylbenzene	4570	128	ug/Kg wet	5000		91	80-120				50
1,3,5-Trimethylbenzene	4560	63.1	ug/Kg wet	5000		91	80-120				50
Benzene	4580	116	ug/Kg wet	5000		92	80-120				50
Ethylbenzene	4610	75.6	ug/Kg wet	5000		92	80-120				50
m,p-Xylene	9290	69.2	ug/Kg wet	10000		93	80-120				50
Methyl tert-butyl ether	4770	199	ug/Kg wet	5000		95	80-120				50
Naphthalene	4610	134	ug/Kg wet	5000		92	80-120				50
o-Xylene	4650	95.0	ug/Kg wet	5000		93	80-120				50
Toluene	4610	139	ug/Kg wet	5000		92	80-120				50
Xylenes, Total	13900	161	ug/Kg wet	15000		93	80-120				50
Surrogate: 1,4-Dichlorobenzene-d4	*20.2*		*ug/Kg*	*20.00*		*101*	*70-130*				*50*
LCS Dup (B8C0564-BSD1)				*Prepared: 03/15/2018 09:00*			*Analyzed: 03/15/2018 19:08*				
1,2,4-Trimethylbenzene	5570	128	ug/Kg wet	5000		111	80-120	20	20		50
1,3,5-Trimethylbenzene	5550	63.1	ug/Kg wet	5000		111	80-120	19	20		50
Benzene	5580	116	ug/Kg wet	5000		112	80-120	20	20		50
Ethylbenzene	5620	75.6	ug/Kg wet	5000		112	80-120	20	20		50
m,p-Xylene	11300	69.2	ug/Kg wet	10000		113	80-120	20	20		50
Methyl tert-butyl ether	5760	199	ug/Kg wet	5000		115	80-120	19	20		50
Naphthalene	5460	134	ug/Kg wet	5000		109	80-120	17	20		50
o-Xylene	5640	95.0	ug/Kg wet	5000		113	80-120	19	20		50
Toluene	5630	139	ug/Kg wet	5000		113	80-120	20	20		50
Xylenes, Total	17000	161	ug/Kg wet	15000		113	80-120	20	20		50
Surrogate: 1,4-Dichlorobenzene-d4	*20.2*		*ug/Kg*	*20.00*		*101*	*70-130*				*50*

Environmental Monitoring and Technologies, Inc.

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Solid

Volatile Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C0554 - SW5035											
Blank (B8C0554-BLK1)				*Prepared: 03/15/2018 13:00*			*Analyzed: 03/15/2018 14:16*				
Benzene	< 12.8	98.4	ug/Kg wet								50
Surrogate: Fluorobenzene	*19.3*		*ug/Kg*	*20.00*		*96*	*91-106*				*50*
Surrogate: Toluene-d8	*17.5*		*ug/Kg*	*20.00*		*87*	*71-112*				*50*
Surrogate: 4-Bromofluorobenzene	*10.7*		*ug/Kg*	*10.00*		*107*	*85-119*				*50*
LCS (B8C0554-BS1)				*Prepared: 03/15/2018 13:00*			*Analyzed: 03/15/2018 15:16*				
Benzene	4680	97.5	ug/Kg wet	3899		120	77-121				50
Surrogate: Fluorobenzene	*20.2*		*ug/Kg*	*20.00*		*101*	*91-106*				*50*
Surrogate: Toluene-d8	*20.8*		*ug/Kg*	*20.00*		*104*	*71-112*				*50*
Surrogate: 4-Bromofluorobenzene	*9.07*		*ug/Kg*	*10.00*		*91*	*85-119*				*50*
LCS Dup (B8C0554-BSD1)				*Prepared: 03/15/2018 13:00*			*Analyzed: 03/15/2018 15:46*				
Benzene	4510	99.2	ug/Kg wet	3969		114	77-121	4	20		50
Surrogate: Fluorobenzene	*20.3*		*ug/Kg*	*20.00*		*102*	*91-106*				*50*
Surrogate: Toluene-d8	*20.9*		*ug/Kg*	*20.00*		*104*	*71-112*				*50*
Surrogate: 4-Bromofluorobenzene	*9.66*		*ug/Kg*	*10.00*		*97*	*85-119*				*50*
Batch: B8C0737 - SW5030											
Blank (B8C0737-BLK1)				*Prepared: 03/21/2018 12:07*			*Analyzed: 03/22/2018 05:12*				
1,1-Dichloroethene	< 0.00117	0.00400	mg/L								1
1,2-Dichloroethane	< 0.00145	0.00800	mg/L								1
1,4-Dichlorobenzene	< 0.000860	0.00400	mg/L								1
2-Butanone	< 0.00954	0.0400	mg/L								1
Benzene	< 0.000940	0.00400	mg/L								1
Carbon tetrachloride	< 0.000850	0.00400	mg/L								1
Chlorobenzene	< 0.000610	0.00400	mg/L								1
Chloroform	< 0.00130	0.00800	mg/L								1
Tetrachloroethene	< 0.00102	0.00400	mg/L								1
Trichloroethene	< 0.000900	0.00400	mg/L								1
Vinyl chloride	< 0.00105	0.00400	mg/L								1
Surrogate: Dibromofluoromethane	*18.7*		*ug/L*	*20.00*		*93*	*78-119*				*1*
Surrogate: 1,2-Dichloroethane-d4	*19.8*		*ug/L*	*20.00*		*99*	*71-136*				*1*
Surrogate: Fluorobenzene	*19.4*		*ug/L*	*20.00*		*97*	*81-114*				*1*
Surrogate: Toluene-d8	*20.0*		*ug/L*	*20.00*		*100*	*85-116*				*1*
Surrogate: 4-Bromofluorobenzene	*10.6*		*ug/L*	*10.00*		*106*	*79-119*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*21.6*		*ug/L*	*20.00*		*108*	*80-120*				*1*

Environmental Monitoring and Technologies, Inc.

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C0737 - SW5030 *(Continued)*											
LCS (B8C0737-BS1)				*Prepared: 03/21/2018 12:07*			*Analyzed: 03/22/2018 02:29*				
1,1-Dichloroethene	0.0980	0.00400	mg/L	0.08000		123	71-131				1
1,2-Dichloroethane	0.0884	0.00800	mg/L	0.08000		111	73-128				1
1,4-Dichlorobenzene	0.0912	0.00400	mg/L	0.08000		114	84-129				1
2-Butanone	0.256	0.0400	mg/L	0.2800		92	71-119				1
Benzene	0.0852	0.00400	mg/L	0.08000		106	79-120				1
Carbon tetrachloride	0.0862	0.00400	mg/L	0.08000		108	75-125				1
Chlorobenzene	0.0870	0.00400	mg/L	0.08000		109	82-118				1
Chloroform	0.0939	0.00800	mg/L	0.08000		117	79-124				1
Tetrachloroethene	0.0810	0.00400	mg/L	0.08000		101	74-129				1
Trichloroethene	0.0868	0.00400	mg/L	0.08000		108	84-129				1
Vinyl chloride	0.106	0.00400	mg/L	0.08000		132	58-137				1
Surrogate: Dibromofluoromethane	*17.8*		*ug/L*	*20.00*		*89*	*78-119*				*1*
Surrogate: 1,2-Dichloroethane-d4	*17.5*		*ug/L*	*20.00*		*88*	*71-136*				*1*
Surrogate: Fluorobenzene	*18.5*		*ug/L*	*20.00*		*92*	*81-114*				*1*
Surrogate: Toluene-d8	*17.4*		*ug/L*	*20.00*		*87*	*85-116*				*1*
Surrogate: 4-Bromofluorobenzene	*8.14*		*ug/L*	*10.00*		*81*	*79-119*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*17.8*		*ug/L*	*20.00*		*89*	*80-120*				*1*
LCS Dup (B8C0737-BSD1)				*Prepared: 03/21/2018 12:07*			*Analyzed: 03/22/2018 03:02*				
1,1-Dichloroethene	0.0719	0.00400	mg/L	0.08000		90	71-131	31	20	P	1
1,2-Dichloroethane	0.0777	0.00800	mg/L	0.08000		97	73-128	13	20		1
1,4-Dichlorobenzene	0.0815	0.00400	mg/L	0.08000		102	84-129	11	20		1
2-Butanone	0.274	0.0400	mg/L	0.2800		98	71-119	7	20		1
Benzene	0.0832	0.00400	mg/L	0.08000		104	79-120	2	20		1
Carbon tetrachloride	0.0793	0.00400	mg/L	0.08000		99	75-125	8	20		1
Chlorobenzene	0.0868	0.00400	mg/L	0.08000		108	82-118	0.3	20		1
Chloroform	0.0915	0.00800	mg/L	0.08000		114	79-124	3	20		1
Tetrachloroethene	0.0783	0.00400	mg/L	0.08000		98	74-129	3	20		1
Trichloroethene	0.0755	0.00400	mg/L	0.08000		94	84-129	14	20		1
Vinyl chloride	0.0772	0.00400	mg/L	0.08000		97	58-137	31	20	P	1
Surrogate: Dibromofluoromethane	*23.7*		*ug/L*	*20.00*		*119*	*78-119*				*1*
Surrogate: 1,2-Dichloroethane-d4	*22.2*		*ug/L*	*20.00*		*111*	*71-136*				*1*
Surrogate: Fluorobenzene	*20.4*		*ug/L*	*20.00*		*102*	*81-114*				*1*
Surrogate: Toluene-d8	*21.5*		*ug/L*	*20.00*		*107*	*85-116*				*1*
Surrogate: 4-Bromofluorobenzene	*10.9*		*ug/L*	*10.00*		*109*	*79-119*				*1*
Surrogate: 1,2-Dichlorobenzene-d4	*23.5*		*ug/L*	*20.00*		*117*	*80-120*				*1*
Batch: B8C1040											
Blank (B8C1040-BLK1)				*Prepared: 03/28/2018 11:38*			*Analyzed: 03/28/2018 17:52*				
1,1,1-Trichloroethane	< 26.6	26.6	ug/Kg wet								50
1,1,2,2-Tetrachloroethane	< 25.7	25.7	ug/Kg wet								50

Environmental Monitoring and Technologies, Inc.

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Batch: B8C1040 (Continued)

Blank (B8C1040-BLK1) (Continued) *Prepared: 03/28/2018 11:38 Analyzed: 03/28/2018 17:52*

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
1,1,2-Trichloroethane	< 26.4	26.4	ug/Kg wet								50
1,1-Dichloroethane	< 40.0	40.0	ug/Kg wet								50
1,1-Dichloroethene	< 31.2	31.2	ug/Kg wet								50
1,2,4-Trimethylbenzene	< 25.0	25.0	ug/Kg wet								50
1,2-Dibromo-3-chloropropane	< 43.7	43.7	ug/Kg wet								50
1,2-Dibromoethane	< 25.0	25.0	ug/Kg wet								50
1,2-Dichloroethane	< 25.0	25.0	ug/Kg wet								50
1,2-Dichloropropane	< 25.0	25.0	ug/Kg wet								50
1,3,5-Trimethylbenzene	< 25.0	25.0	ug/Kg wet								50
1-Butanol	< 457	457	ug/Kg wet								50
2-Butanone	< 114	114	ug/Kg wet								50
2-Hexanone	< 78.5	78.5	ug/Kg wet								50
4-Methyl-2-pentanone	< 52.9	52.9	ug/Kg wet								50
Acetone	< 195	195	ug/Kg wet								50
Acrylonitrile	< 56.1	56.1	ug/Kg wet								50
Benzene	< 25.0	25.0	ug/Kg wet								50
Bromodichloromethane	< 25.0	25.0	ug/Kg wet								50
Bromoform	< 25.0	25.0	ug/Kg wet								50
Carbon disulfide	< 25.0	25.0	ug/Kg wet								50
Carbon tetrachloride	< 25.0	25.0	ug/Kg wet								50
Chlorobenzene	< 25.0	25.0	ug/Kg wet								50
Chloroform	< 25.0	25.0	ug/Kg wet								50
cis-1,2-Dichloroethene	< 27.4	27.4	ug/Kg wet								50
Dibromochloromethane	< 25.0	25.0	ug/Kg wet								50
Ethylbenzene	< 25.0	25.0	ug/Kg wet								50
m,p-Xylene	< 84.9	84.9	ug/Kg wet								50
Methyl tert-butyl ether	< 25.0	25.0	ug/Kg wet								50
Methylene chloride	< 46.7	46.7	ug/Kg wet								50
o-Xylene	< 25.0	25.0	ug/Kg wet								50
Styrene	< 25.0	25.0	ug/Kg wet								50
Tetrachloroethene	< 25.0	25.0	ug/Kg wet								50
Toluene	< 25.0	25.0	ug/Kg wet								50
trans-1,2-Dichloroethene	< 37.7	37.7	ug/Kg wet								50
Trichloroethene	< 25.0	25.0	ug/Kg wet								50
Vinyl acetate	< 30.6	30.6	ug/Kg wet								50
Vinyl chloride	< 25.0	25.0	ug/Kg wet								50
Xylenes, Total	< 96.7	96.7	ug/Kg wet								50
1,2-Dichloroethene, Total	< 65.1	65.1	ug/Kg wet								50
Surrogate: Dibromofluoromethane	*20.9*		*ug/Kg*	*20.00*		*105*	*78-137*				*50*
Surrogate: 1,2-Dichloroethane-d4	*18.8*		*ug/Kg*	*20.00*		*94*	*86-137*				*50*
Surrogate: Fluorobenzene	*19.8*		*ug/Kg*	*20.00*		*99*	*80-120*				*50*
Surrogate: Toluene-d8	*19.3*		*ug/Kg*	*20.00*		*97*	*85-115*				*50*

Environmental Monitoring and Technologies, Inc.

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C1040 *(Continued)*											
Blank (B8C1040-BLK1) (Continued)				*Prepared: 03/28/2018 11:38*			*Analyzed: 03/28/2018 17:52*				
Surrogate: 4-Bromofluorobenzene	*8.91*		*ug/Kg*	*10.00*		*89*	*85-120*				*50*
Surrogate: 1,2-Dichlorobenzene-d4	*22.6*		*ug/Kg*	*20.00*		*113*	*85-128*				*50*
LCS (B8C1040-BS1)				*Prepared: 03/28/2018 11:38*			*Analyzed: 03/28/2018 15:38*				
1,1,1-Trichloroethane	3890	26.6	ug/Kg wet	4000		97	55-145				50
1,1,2,2-Tetrachloroethane	3920	25.7	ug/Kg wet	4000		98	40-145				50
1,1,2-Trichloroethane	4180	26.4	ug/Kg wet	4000		105	50-140				50
1,1-Dichloroethane	3800	40.0	ug/Kg wet	4000		95	65-135				50
1,1-Dichloroethene	3320	31.2	ug/Kg wet	4000		83	55-150				50
1,2,4-Trimethylbenzene	4110	25.0	ug/Kg wet	4000		103	55-145				50
1,2-Dibromo-3-chloropropane	3760	43.7	ug/Kg wet	4000		94	25-150				50
1,2-Dibromoethane	4640	25.0	ug/Kg wet	4000		116	60-135				50
1,2-Dichloroethane	3640	25.0	ug/Kg wet	4000		91	60-145				50
1,2-Dichloropropane	3910	25.0	ug/Kg wet	4000		98	65-125				50
1,3,5-Trimethylbenzene	4210	25.0	ug/Kg wet	4000		105	55-145				50
1-Butanol	26200	457	ug/Kg wet	36000		73	70-130				50
2-Butanone	10900	114	ug/Kg wet	14000		78	10-180				50
2-Hexanone	11600	78.5	ug/Kg wet	14000		83	30-160				50
4-Methyl-2-pentanone	11200	52.9	ug/Kg wet	14000		80	30-165				50
Acetone	10900	195	ug/Kg wet	14000		78	10-180				50
Acrylonitrile	3390	56.1	ug/Kg wet	4000		85	70-130				50
Benzene	4180	25.0	ug/Kg wet	4000		104	65-135				50
Bromodichloromethane	4050	25.0	ug/Kg wet	4000		101	60-135				50
Bromoform	4400	25.0	ug/Kg wet	4000		110	45-150				50
Carbon disulfide	3850	25.0	ug/Kg wet	4000		96	30-180				50
Carbon tetrachloride	4190	25.0	ug/Kg wet	4000		105	55-145				50
Chlorobenzene	4430	25.0	ug/Kg wet	4000		111	65-130				50
Chloroform	3920	25.0	ug/Kg wet	4000		98	65-135				50
cis-1,2-Dichloroethene	4190	27.4	ug/Kg wet	4000		105	55-135				50
Dibromochloromethane	4590	25.0	ug/Kg wet	4000		115	55-140				50
Ethylbenzene	4640	25.0	ug/Kg wet	4000		116	65-135				50
m,p-Xylene	9820	84.9	ug/Kg wet	8000		123	70-135				50
Methyl tert-butyl ether	3530	25.0	ug/Kg wet	4000		88	70-130				50
Methylene chloride	3560	46.7	ug/Kg wet	4000		89	40-155				50
o-Xylene	3880	25.0	ug/Kg wet	4000		97	70-135				50
Styrene	4280	25.0	ug/Kg wet	4000		107	65-135				50
Tetrachloroethene	4400	25.0	ug/Kg wet	4000		110	55-150				50
Toluene	4620	25.0	ug/Kg wet	4000		115	60-135				50
trans-1,2-Dichloroethene	3590	37.7	ug/Kg wet	4000		90	55-145				50
Trichloroethene	4380	25.0	ug/Kg wet	4000		110	70-130				50
Vinyl acetate	3370	30.6	ug/Kg wet	4000		84	50-150				50
Vinyl chloride	3560	25.0	ug/Kg wet	4000		89	45-140				50

Environmental Monitoring and Technologies, Inc.

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C1040 *(Continued)*											
LCS (B8C1040-BS1) (Continued)				*Prepared: 03/28/2018 11:38*			*Analyzed: 03/28/2018 15:38*				
Xylenes, Total	13700	96.7	ug/Kg wet	12000		114	70-135				50
1,2-Dichloroethene, Total	7780	65.1	ug/Kg wet	8000		97	55-135				50
Surrogate: Dibromofluoromethane	*19.9*		*ug/Kg*	*20.00*		*99*	*78-137*				*50*
Surrogate: 1,2-Dichloroethane-d4	*17.4*		*ug/Kg*	*20.00*		*87*	*86-137*				*50*
Surrogate: Fluorobenzene	*19.9*		*ug/Kg*	*20.00*		*100*	*80-120*				*50*
Surrogate: Toluene-d8	*21.0*		*ug/Kg*	*20.00*		*105*	*85-115*				*50*
Surrogate: 4-Bromofluorobenzene	*8.46*		*ug/Kg*	*10.00*		*85*	*85-120*				*50*
Surrogate: 1,2-Dichlorobenzene-d4	*19.0*		*ug/Kg*	*20.00*		*95*	*85-128*				*50*
LCS Dup (B8C1040-BSD1)				*Prepared: 03/28/2018 11:38*			*Analyzed: 03/28/2018 16:12*				
1,1,1-Trichloroethane	3640	26.6	ug/Kg wet	4000		91	55-145	7	20		50
1,1,2,2-Tetrachloroethane	3990	25.7	ug/Kg wet	4000		100	40-145	2	20		50
1,1,2-Trichloroethane	3990	26.4	ug/Kg wet	4000		100	50-140	5	20		50
1,1-Dichloroethane	3650	40.0	ug/Kg wet	4000		91	65-135	4	20		50
1,1-Dichloroethene	3160	31.2	ug/Kg wet	4000		79	55-150	5	20		50
1,2,4-Trimethylbenzene	4210	25.0	ug/Kg wet	4000		105	55-145	3	20		50
1,2-Dibromo-3-chloropropane	3670	43.7	ug/Kg wet	4000		92	25-150	3	20		50
1,2-Dibromoethane	4380	25.0	ug/Kg wet	4000		110	60-135	6	20		50
1,2-Dichloroethane	3580	25.0	ug/Kg wet	4000		90	60-145	1	20		50
1,2-Dichloropropane	3700	25.0	ug/Kg wet	4000		93	65-125	6	20		50
1,3,5-Trimethylbenzene	4330	25.0	ug/Kg wet	4000		108	55-145	3	20		50
1-Butanol	28800	457	ug/Kg wet	36000		80	70-130	10	20		50
2-Butanone	14300	114	ug/Kg wet	14000		102	10-180	27	20	P	50
2-Hexanone	10700	78.5	ug/Kg wet	14000		77	30-160	7	20		50
4-Methyl-2-pentanone	10600	52.9	ug/Kg wet	14000		76	30-165	6	20		50
Acetone	10700	195	ug/Kg wet	14000		76	10-180	2	20		50
Acrylonitrile	3180	56.1	ug/Kg wet	4000		79	70-130	6	20		50
Benzene	4020	25.0	ug/Kg wet	4000		101	65-135	4	20		50
Bromodichloromethane	4000	25.0	ug/Kg wet	4000		100	60-135	1	20		50
Bromoform	4190	25.0	ug/Kg wet	4000		105	45-150	5	20		50
Carbon disulfide	3640	25.0	ug/Kg wet	4000		91	30-180	6	20		50
Carbon tetrachloride	3990	25.0	ug/Kg wet	4000		100	55-145	5	20		50
Chlorobenzene	4350	25.0	ug/Kg wet	4000		109	65-130	2	20		50
Chloroform	3700	25.0	ug/Kg wet	4000		93	65-135	6	20		50
cis-1,2-Dichloroethene	4030	27.4	ug/Kg wet	4000		101	55-135	4	20		50
Dibromochloromethane	4480	25.0	ug/Kg wet	4000		112	55-140	2	20		50
Ethylbenzene	4650	25.0	ug/Kg wet	4000		116	65-135	0.2	20		50
m,p-Xylene	9450	84.9	ug/Kg wet	8000		118	70-135	4	20		50
Methyl tert-butyl ether	3390	25.0	ug/Kg wet	4000		85	70-130	4	20		50
Methylene chloride	3450	46.7	ug/Kg wet	4000		86	40-155	3	20		50
o-Xylene	4070	25.0	ug/Kg wet	4000		102	70-135	5	20		50
Styrene	4240	25.0	ug/Kg wet	4000		106	65-135	0.8	20		50

Environmental Monitoring and Technologies, Inc.

8100 N. Austin Avenue Morton Grove, IL 60053-3203 **P** 847.967.6666 800.246.0663 **F** 847.967.6735 www.emt.com

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C1040 *(Continued)*											
LCS Dup (B8C1040-BSD1) (Continued)				*Prepared: 03/28/2018 11:38*			*Analyzed: 03/28/2018 16:12*				
Tetrachloroethene	4230	25.0	ug/Kg wet	4000		106	55-150	4	20		50
Toluene	4550	25.0	ug/Kg wet	4000		114	60-135	2	20		50
trans-1,2-Dichloroethene	3430	37.7	ug/Kg wet	4000		86	55-145	4	20		50
Trichloroethene	4220	25.0	ug/Kg wet	4000		105	70-130	4	20		50
Vinyl acetate	3280	30.6	ug/Kg wet	4000		82	50-150	3	20		50
Vinyl chloride	3350	25.0	ug/Kg wet	4000		84	45-140	6	20		50
Xylenes, Total	13500	96.7	ug/Kg wet	12000		113	70-135	1	20		50
1,2-Dichloroethene, Total	7460	65.1	ug/Kg wet	8000		93	55-135	4	20		50
Surrogate: Dibromofluoromethane	*19.0*		*ug/Kg*	*20.00*		*95*	*78-137*				*50*
Surrogate: 1,2-Dichloroethane-d4	*17.5*		*ug/Kg*	*20.00*		*88*	*86-137*				*50*
Surrogate: Fluorobenzene	*19.5*		*ug/Kg*	*20.00*		*97*	*80-120*				*50*
Surrogate: Toluene-d8	*21.3*		*ug/Kg*	*20.00*		*107*	*85-115*				*50*
Surrogate: 4-Bromofluorobenzene	*9.02*		*ug/Kg*	*10.00*		*90*	*85-120*				*50*
Surrogate: 1,2-Dichlorobenzene-d4	*19.3*		*ug/Kg*	*20.00*		*96*	*85-128*				*50*

Environmental Monitoring and Technologies, Inc.

8100 N. Austin Avenue Morton Grove, IL 60053-3203 **P** 847.967.6666 800.246.0663 **F** 847.967.6735 www.emt.com

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Water

Metals by ICP-AES

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C0526 - SW3015											
Blank (B8C0526-BLK1)				*Prepared: 03/15/2018 12:29*			*Analyzed: 03/15/2018 18:59*				
Lead	< 0.0140	0.0500	mg/L								1
TCLP Blank (B8C0526-BLK2)				*Prepared: 03/15/2018 12:29*			*Analyzed: 03/15/2018 19:12*				
Lead	< 0.0140	0.0500	mg/L								1
LCS (B8C0526-BS1)				*Prepared: 03/15/2018 12:29*			*Analyzed: 03/15/2018 19:03*				
Lead	1.24	0.0500	mg/L	1.250		98.9	86-113				1
Serial Dilution (B8C0526-DUP1)		**Source: 18C0466-01**		*Prepared: 03/15/2018 12:29*			*Analyzed: 03/15/2018 20:02*				
Lead	< 0.0700	0.250	mg/L		ND				10		5
MRL Check (B8C0526-MRL1)				*Prepared: 03/15/2018 12:29*			*Analyzed: 03/15/2018 19:08*				
Lead	0.0682	0.0500	mg/L	0.06250		109	70-130				1
Matrix Spike (B8C0526-MS1)		**Source: 18C0466-01**		*Prepared: 03/15/2018 12:29*			*Analyzed: 03/15/2018 19:50*				
Lead	1.16	0.0500	mg/L	1.250	0.0186	91.6	75-125				1
Matrix Spike Dup (B8C0526-MSD1)		**Source: 18C0466-01**		*Prepared: 03/15/2018 12:29*			*Analyzed: 03/15/2018 19:54*				
Lead	1.18	0.0500	mg/L	1.250	0.0186	92.5	75-125	0.940	20		1
Post Spike (B8C0526-PS1)		**Source: 18C0466-01**		*Prepared: 03/15/2018 12:29*			*Analyzed: 03/15/2018 19:58*				
Lead	0.662	0.0556	mg/L	0.6944	0.0186	92.7	80-120				1

Environmental Monitoring and Technologies, Inc.

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Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Water

Semivolatile Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C0637 - SW3510											
Blank (B8C0637-BLK1)				*Prepared: 03/20/2018 08:50*			*Analyzed: 03/21/2018 00:55*				
Cresols, Total	< 0.0021	0.0092	mg/L								1
1,4-Dichlorobenzene	< 0.0007	0.0046	mg/L								1
2,4,5-Trichlorophenol	< 0.0027	0.0231	mg/L								1
2,4,6-Trichlorophenol	< 0.0030	0.0231	mg/L								1
2,4-Dinitrotoluene	< 0.0017	0.0116	mg/L								1
2-Methylphenol	< 0.0011	0.0046	mg/L								1
3 & 4-Methylphenol	< 0.0010	0.0046	mg/L								1
Hexachlorobenzene	< 0.0009	0.0046	mg/L								1
Hexachlorobutadiene	< 0.0028	0.0231	mg/L								1
Hexachloroethane	< 0.0029	0.0231	mg/L								1
Nitrobenzene	< 0.0014	0.0092	mg/L								1
Pentachlorophenol	< 0.0176	0.116	mg/L								1
Pyridine	< 0.0084	0.0578	mg/L								1
Surrogate: 2-Fluorophenol	*0.0291*		*mg/L*	*0.09634*		*30*	*4-108*				*1*
Surrogate: Phenol-d5	*0.0236*		*mg/L*	*0.09634*		*24*	*1-101*				*1*
Surrogate: Nitrobenzene-d5	*0.0330*		*mg/L*	*0.09634*		*34*	*23-119*				*1*
Surrogate: 2-Fluorobiphenyl	*0.0326*		*mg/L*	*0.09634*		*34*	*28-124*				*1*
Surrogate: 2,4,6-Tribromophenol	*0.0179*		*mg/L*	*0.09634*		*19*	*11-102*				*1*
Surrogate: 4-Terphenyl-d14	*0.0981*		*mg/L*	*0.09634*		*102*	*79-147*				*1*
LCS (B8C0637-BS1)				*Prepared: 03/20/2018 08:50*			*Analyzed: 03/21/2018 02:57*				
Cresols, Total	0.0361	0.0040	mg/L	0.1000		36	8-74				1
1,4-Dichlorobenzene	0.0139	0.0020	mg/L	0.05000		28	23-137				1
2,4,5-Trichlorophenol	0.0263	0.0100	mg/L	0.05000		53	33-161				1
2,4,6-Trichlorophenol	0.0212	0.0100	mg/L	0.05000		42	36-149				1
2,4-Dinitrotoluene	0.0353	0.0050	mg/L	0.05000		71	31-151				1
2-Methylphenol	0.0187	0.0020	mg/L	0.05000		37	36-131				1
3 & 4-Methylphenol	0.0174	0.0020	mg/L	0.05000		35	30-137				1
Hexachlorobenzene	0.0336	0.0020	mg/L	0.05000		67	39-139				1
Hexachlorobutadiene	0.0150	0.0100	mg/L	0.05000		30	36-128			S	1
Hexachloroethane	0.0128	0.0100	mg/L	0.05000		26	33-126			S	1
Nitrobenzene	0.0185	0.0040	mg/L	0.05000		37	30-143				1
Pentachlorophenol	0.0322	0.0500	mg/L	0.05000		64	37-112			J	1
Pyridine	0.0105	0.0250	mg/L	0.05000		21	16-133			J	1
Surrogate: 2-Fluorophenol	*0.00977*		*mg/L*	*0.03334*		*29*	*4-108*				*1*
Surrogate: Phenol-d5	*0.00713*		*mg/L*	*0.03334*		*21*	*1-101*				*1*
Surrogate: Nitrobenzene-d5	*0.0126*		*mg/L*	*0.03334*		*38*	*23-119*				*1*
Surrogate: 2-Fluorobiphenyl	*0.0132*		*mg/L*	*0.03334*		*40*	*28-124*				*1*
Surrogate: 2,4,6-Tribromophenol	*0.0245*		*mg/L*	*0.03334*		*74*	*11-102*				*1*
Surrogate: 4-Terphenyl-d14	*0.0352*		*mg/L*	*0.03334*		*106*	*79-147*				*1*

Environmental Monitoring and Technologies, Inc.

8100 N. Austin Avenue Morton Grove, IL 60053-3203 **P** 847.967.6666 800.246.0663 **F** 847.967.6735 www.emt.com

Quality Control

(Continued)

Client: United Engineering Consultants, Inc.
Project: Waste Characterization 18006/18009
Work Order: 18C0468

Report Date: 03/29/2018
Matrix: Water

Semivolatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual	DF
Batch: B8C0637 - SW3510 *(Continued)*											
LCS Dup (B8C0637-BSD1)				*Prepared: 03/20/2018 08:50*			*Analyzed: 03/21/2018 03:37*				
Cresols, Total	0.0420	0.0040	mg/L	0.1000		42	8-74	15	20		1
1,4-Dichlorobenzene	0.0182	0.0020	mg/L	0.05000		36	23-137	26	20	P	1
2,4,5-Trichlorophenol	0.0307	0.0100	mg/L	0.05000		61	33-161	15	20		1
2,4,6-Trichlorophenol	0.0268	0.0100	mg/L	0.05000		54	36-149	23	20	P	1
2,4-Dinitrotoluene	0.0402	0.0050	mg/L	0.05000		80	31-151	13	20		1
2-Methylphenol	0.0221	0.0020	mg/L	0.05000		44	36-131	17	20		1
3 & 4-Methylphenol	0.0199	0.0020	mg/L	0.05000		40	30-137	13	20		1
Hexachlorobenzene	0.0386	0.0020	mg/L	0.05000		77	39-139	14	20		1
Hexachlorobutadiene	0.0182	0.0100	mg/L	0.05000		36	36-128	19	20		1
Hexachloroethane	0.0167	0.0100	mg/L	0.05000		33	33-126	27	20	P	1
Nitrobenzene	0.0246	0.0040	mg/L	0.05000		49	30-143	28	20	P	1
Pentachlorophenol	0.0359	0.0500	mg/L	0.05000		72	37-112	11	20	J	1
Pyridine	0.0140	0.0250	mg/L	0.05000		28	16-133	29	20	P, J	1
Surrogate: 2-Fluorophenol	*0.0114*		*mg/L*	*0.03334*		*34*	*4-108*				*1*
Surrogate: Phenol-d5	*0.00788*		*mg/L*	*0.03334*		*24*	*1-101*				*1*
Surrogate: Nitrobenzene-d5	*0.0164*		*mg/L*	*0.03334*		*49*	*23-119*				*1*
Surrogate: 2-Fluorobiphenyl	*0.0172*		*mg/L*	*0.03334*		*52*	*28-124*				*1*
Surrogate: 2,4,6-Tribromophenol	*0.0270*		*mg/L*	*0.03334*		*81*	*11-102*				*1*
Surrogate: 4-Terphenyl-d14	*0.0370*		*mg/L*	*0.03334*		*111*	*79-147*				*1*

Environmental Monitoring and Technologies, Inc.

8100 N. Austin Avenue Morton Grove, IL 60053-3203 **P** 847.967.6666 800.246.0663 **F** 847.967.6735 www.emt.com

Certified Analyses included in this Report

Analyte	CAS #	Certifications
SM2540G in Solid		
Total Solids	Moist	WDNR
SW6010C in Water		
Lead, TCLP	7439-92-1	AKDEC,ISO,WDNR,DoD,ILEPA
SW8260B in Solid		
1,1-Dichloroethene, TCLP	75-35-4	AKDEC,LELAP,WDNR,DoD,ILEPA
1,2-Dichloroethane, TCLP	107-06-2	AKDEC,LELAP,WDNR,DoD,ILEPA
1,4-Dichlorobenzene, TCLP	106-46-7	LELAP,WDNR,DoD,ILEPA
2-Butanone, TCLP	78-93-3	LELAP,WDNR,DoD,ILEPA
Benzene, TCLP	71-43-2	LELAP,WDNR,DoD,ILEPA
Carbon tetrachloride, TCLP	56-23-5	AKDEC,LELAP,WDNR,DoD,ILEPA
Chlorobenzene, TCLP	108-90-7	AKDEC,LELAP,WDNR,DoD,ILEPA
Chloroform, TCLP	67-66-3	AKDEC,LELAP,WDNR,DoD,ILEPA
Tetrachloroethene, TCLP	127-18-4	LELAP,WDNR,DoD,ILEPA
Trichloroethene, TCLP	79-01-6	AKDEC,LELAP,WDNR,DoD,ILEPA
Vinyl chloride, TCLP	75-01-4	AKDEC,LELAP,WDNR,DoD,ILEPA
Benzene	71-43-2	LELAP,WDNR,DoD,ILEPA
SW8270D in Water		
Cresols, Total, TCLP	1319-77-3	DoD,WDNR
1,4-Dichlorobenzene, TCLP	106-46-7	DoD,WDNR,ILEPA
2,4,5-Trichlorophenol, TCLP	95-95-4	DoD,WDNR,ILEPA
2,4,6-Trichlorophenol, TCLP	88-06-2	DoD,WDNR,ILEPA
2,4-Dinitrotoluene, TCLP	121-14-2	DoD,WDNR,ILEPA
2-Methylphenol, TCLP	95-48-7	DoD,WDNR,ILEPA
3 & 4-Methylphenol, TCLP	84989-04-8	DoD,WDNR,ILEPA
Hexachlorobenzene, TCLP	118-74-1	DoD,WDNR,ILEPA
Hexachlorobutadiene, TCLP	87-68-3	DoD,WDNR,ILEPA
Hexachloroethane, TCLP	67-72-1	DoD,WDNR,ILEPA
Nitrobenzene, TCLP	98-95-3	DoD,WDNR,ILEPA
Pentachlorophenol, TCLP	87-86-5	DoD,WDNR,ILEPA
Pyridine, TCLP	110-86-1	DoD,WDNR,ILEPA
SW-846 8260B/WDNR: PUBL-FW-140 in Solid		
1,1,1-Trichloroethane	71-55-6	WDNR
1,1,2,2-Tetrachloroethane	79-34-5	WDNR
1,1,2-Trichloroethane	79-00-5	WDNR
1,1-Dichloroethane	75-34-3	WDNR
1,1-Dichloroethene	75-35-4	WDNR
1,2,4-Trimethylbenzene	95-63-6	WDNR
1,2-Dibromo-3-chloropropane	96-12-8	WDNR
1,2-Dibromoethane	106-93-4	WDNR
1,2-Dichloroethane	107-06-2	WDNR
1,2-Dichloropropane	78-87-5	WDNR

Environmental Monitoring and Technologies, Inc.

8100 N. Austin Avenue Morton Grove, IL 60053-3203 **P** 847.967.6666 800.246.0663 **F** 847.967.6735 www.emt.com

Certified Analyses included in this Report (Continued)

Analyte	CAS #	Certifications
SW-846 8260B/WDNR: PUBL-FW-140 in Solid (Continued)		
1,3,5-Trimethylbenzene	108-67-8	WDNR
1-Butanol	71-36-3	WDNR
2-Butanone	78-93-3	WDNR
2-Hexanone	591-78-6	WDNR
4-Methyl-2-pentanone	108-10-1	WDNR
Acetone	67-64-1	WDNR
Acrylonitrile	107-13-1	WDNR
Benzene	71-43-2	WDNR
Bromodichloromethane	75-27-4	WDNR
Bromoform	75-25-2	WDNR
Carbon disulfide	75-15-0	WDNR
Carbon tetrachloride	56-23-5	WDNR
Chlorobenzene	108-90-7	WDNR
Chloroform	67-66-3	WDNR
cis-1,2-Dichloroethene	156-59-2	WDNR
Dibromochloromethane	124-48-1	WDNR
Ethylbenzene	100-41-4	WDNR
m,p-Xylene	179601-23-1	WDNR
Methyl tert-butyl ether	1634-04-4	WDNR
Methylene chloride	75-09-2	WDNR
o-Xylene	95-47-6	WDNR
Styrene	100-42-5	WDNR
Tetrachloroethene	127-18-4	WDNR
Toluene	108-88-3	WDNR
trans-1,2-Dichloroethene	156-60-5	WDNR
Trichloroethene	79-01-6	WDNR
Vinyl acetate	108-05-4	WDNR
Vinyl chloride	75-01-4	WDNR
Xylenes, Total	1330-20-7	WDNR
1,2-Dichloroethene, Total	540-59-0	WDNR
WI(95)-GRO/PVOC: PUBL-SW-140 in Solid		
1,2,4-Trimethylbenzene	95-63-6	WDNR
1,3,5-Trimethylbenzene	108-67-8	WDNR
Benzene	71-43-2	WDNR
Ethylbenzene	100-41-4	WDNR
m,p-Xylene	179601-23-1	WDNR
Methyl tert-butyl ether	1634-04-4	WDNR
Naphthalene	91-20-3	WDNR
o-Xylene	95-47-6	WDNR
Toluene	108-88-3	WDNR
Xylenes, Total	1330-20-7	WDNR

Environmental Monitoring and Technologies, Inc.

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List of Certifications

Code	Description	Number	Expires
AKDEC	State of Alaska, Dept. Environmental Conservation	UST-105	04/30/2018
CPSC	US Consumer Product Safety Commission, Accredited by PJLA Lab No. 1050	L14-56	04/30/2018
DoD	Department of Defense, Accredited by PJLA	L14-55	04/30/2018
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	003674	08/08/2018
ISO	ISO/IEC 17025, Accredited by PJLA	L14-56	04/30/2018
LELAP	State of Louisiana, NELAP Accredited Lab No. 171344	05015	06/30/2018
NJDEP	State of New Jersey, NELAP Accredited Lab No. IL010	NLC160001	06/30/2018
WDNR	State of Wisconsin Dept of Natural Resources	999888890	08/31/2018

Environmental Monitoring and Technologies, Inc.

8100 N. Austin Avenue Morton Grove, IL 60053-3203 **P** 847.967.6666 800.246.0663 **F** 847.967.6735 www.emt.com

Qualifiers and Definitions

Item	Description
H	Sample prepared and/ or analyzed past recommended holdtime.
J	Estimated Value
P	The %RPD result is above the laboratory control limits.
S	The recovery is outside of the laboratory control limits.
%Rec	Percent Recovery
MDL	In the state of Wisconsin MDL is equivalent to LOD; in all other applications MDL is equivalent to MDL.
	In the state of Wisconsin LOQ is equivalent to Reporting Limit.

ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203

18C0468
PM: Katherine Langfoss
United Engineering Consultants, Inc.
UEC Analysis

ustody Record

TURNAROUND TIME:
☐ RUSH
____ day turnaround
☑ ROUTINE

Due Date: ____-____-____ COC #: 157954

Company: UNITED ENGINEERING CONSULTANTS, INC.
Address: 16237 W. RYERSON ROAD
NEW BERLIN, WI 53151

Phone #: (262) 785-1447 Fax #: (262) 706-4400
P.O. #: _____ Proj.#: _____-_____
Client Contact: _____
Project ID / Location: 18006/18009

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other
3. Soil 6. Groundwater _____

Container Type:
P - Plastic V - VOC Vial O - Other
G - Glass B - Tedlar Bag _____

Preservative:
1. None 4. NaOH 7. Zn Ace
2. H_2SO_4 5. HCl 8. Other
3. HNO_3 6. MeOH _____

Analyses

Sample I.D.	Sample Type	Container Size	Container Type	Container No.	Sampling By	Sampling Date	Sampling Time	pH	Temp.	Preservation Field	Preservation Lab	TCLP-LEAD	TCLP-VOC	TCLP-SVOC	TOTAL BENZENE	TOTAL SOLIDS	PVOC+NAPHTHALENE	EMT USE ONLY / EMT WORKORDER # 18C0468
SO-615	3	20Z	G	4	N/A	3/7/18	AM	-	-	1.		✓	✓					C1ABCD
FO-BROADWAY	3	40ML	G	2	↓	3/6/18	PM	-	-	6.				✓	✓			C2AB
PE-E	3	↓	↓	↓	↓	3/7/18	AM	-	-	6					✓	✓		C3AB
PE-C	3	↓	↓	↓	↓	↓	↓	-	-	6					✓	✓		C4AB
PE-W	3	↓	↓	↓	↓	↓	↓	-	-	6					✓	✓		C5AB

Relinquished By: [signature]	Date: 3-13-18 Time: 1:35 PM	Received By: [signature]	Date: 3-13-18 Time: 1335	EMT USE ONLY Client Code:
Relinquished By: [signature]	Date: 3-13-18 Time: 1715	Received By:	Date: - - Time: :	EMT Project I.D.
Relinquished By:	Date: - - Time: :	Received For Lab By: [signature]	Date: 3-13-18 Time: 17:15	Jar Lot No.

☐ ~~SAMPLE RECEIVED ON ICE~~
☐ TEMPERATURE (Must be recorded if sampling was greater than 6 hrs. prior to sample receipt)
2.0

EMT SAMPLE RETURN POLICY ON BACK

SPECIAL INSTRUCTIONS: 13 GRAMS ADDED TO "FO-BROADWAY" BY PLASTIC MOULD)
PVOC+NAP ONLY ON "PE" SAMPLES

EMT-FORM-GEN-028

Table of Contents

Sample Receipt Checklist

Work Order: 18C0468

Printed: 3/14/2018 7:59:26AM

Client: United Engineering Consultants, Inc.
Project: Waste Characterization
Date Due: 03/20/18 17:00 (5 day TAT)

Received By: Steven Legacki
Logged In By: Steven Legacki
Date Received: 03/13/18 17:15
Date Logged In: 03/13/18 18:00

Samples Received at:	2°C
How were samples received?	EMT
Custody Seals Present	No
Custody Seals Intact	NA
Sample Cont/Cooler Intact	Yes
COC Present/Complete	Yes
COC/Labels Agree	Yes
Proper Cont/Preservation checked	No
Sufficient Sample Volume	Yes
Samples Within Holdtime	Yes
Cooler Temp Within Limits	Yes
VOA Water Vials Received	No
VOA Water Vials/Zero Headspace	NA
PM or Client Contacted	Yes

COMMENTS

Chain says vials have MeOH, vials do not say they are preserved

3/13/18

PHOTOGRAPHS

ONE THOUSAND (1,000) GALLON WASTE OIL UNDERGROUND STORAGE TANK (UST) DURING EXCAVATION

ONE THOUSAND (1,000) GALLON WASTE OIL UST PRIOR TO REMOVAL

EXCAVATION LIMITS LOOKING SOUTH SUBSEQUENT TO REMOVAL OF ONE THOUSAND (1,000) GALLON WASTE OIL UST

ONE THOUSAND (1,000) GALLON WASTE OIL UST SUBSEQUENT TO REMOVAL AND LABELING

ONE THOUSAND (1,000) GALLON WASTE OIL UST SUBSEQUENT TO REMOVAL, CLEANING AND LABELING

EXCAVATION LIMITS LOOKING EAST SUBSEQUENT TO REMOVAL OF ONE THOUSAND (1,000) GALLON WASTE OIL UST AND OVER-EXCAVATION OF WASTE OIL IMPACTED SOIL

FOUR THOUSAND (4,000) GALLON UST DURING EXCAVATION
LOOKING EAST

FOUR THOUSAND (4,000) GALLON UST PRIOR TO REMOVAL
LOOKING WEST-SOUTHWEST

EXCAVATION LIMITS LOOKING SOUTHWEST SUBSEQUENT TO THE REMOVAL OF THE FOUR THOUSAND (4,000) GALLON UST

FOUR THOUSAND (4,000) GALLON UST SUBSEQUENT TO REMOVAL AND LABELING

FOUR THOUSAND (4,000) GALLON UST SUBSEQUENT TO REMOVAL AND LABELING

FOUR THOUSAND (4,000) GALLON UST SUBSEQUENT TO REMOVAL, CLEANING AND LABELING

EXCAVATION LIMITS LOOKING EAST SUBSEQUENT TO THE REMOVAL OF THE FOUR THOUSAND (4,000) GALLON UST AND OVER-EXCAVATION OF IMPACTED SOILS