



Excellence through experience™

709 Gillette Street, Suite 3 ♦ La Crosse, WI 54603 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 Email: rona@metcohq.com ♦ www.metcohq.com

October 21, 2019

BRRTS #: 03-45-002078

PECFA #: 54914-3412-29

Tom Verstegen
Wisconsin Department of Natural Resources
625 E County Rd Y, Suite #700
Oshkosh, WI 54901

Subject: Korth Property – Letter Report

Dear Mr. Verstegen,

Enclosed is the Letter Report for the Korth Property site located at 1629 W Washington Street in Appleton, Wisconsin. **This completes the Public Bidding Deferred work scope approved on June 12, 2019.**

Geoprobe Project

On August 1, 2019, Geiss Soil and Samples LLC, of Merrill, Wisconsin, conducted a Geoprobe project under the supervision of METCO personnel. During the project, three soil borings (G-25, HA-1 and HA-2) were completed to 3 to 4 feet below ground surface (bgs). One soil sample was collected from each boring for field (PID) and laboratory analysis (PVOC and Naphthalene). Upon completion, the Geoprobe borings were properly abandoned.

Sub Slab Vapor Sampling

On September 19, 2019, Braun Intertec installed three sub-slab vapor sampling ports (SS-1, SS-2 and SS-3) through the concrete floor of the source property building at 1629 West Washington Street. The sub-slab vapor sampling ports were constructed by drilling a ½-inch pilot hole through the concrete slab and several inches into the sub-slab material with a hammer drill. A 1½-inch outer hole is then drilled to depths of 4 to 6-inches, depending on the concrete slab thickness. The holes were cleaned of dust and drilling debris using a shop-vac. Stainless steel vapor pins are installed in the inner hole with a silicon sleeve to obtain an airtight seal with the concrete floor. The remainder of the hole is sealed with modeling clay and a water dam test was conducted to confirm that the seal is airtight. Vapor samples were collected by using a short length of Teflon tubing to connect the sampling port and a 6-liter Suma canister. Prior to collecting the sub-slab vapor samples, a shut-in test was conducted to assure that the fittings between the sample probe and sampling container are airtight. No leaks were detected. The air samples were collected using a Suma canister with a flow regulator that allowed the sub-slab vapor samples to be collected over a 30-minute period. The sub-slab vapor samples were analyzed for PVOC and Naphthalene (TO-15). The sub-slab soil vapor sampling results are summarized in the attached data table.

Groundwater Monitoring

On September 19, 2019, METCO personnel collected groundwater samples from the six monitoring

wells for PVOC and Naphthalene analysis (MW-2, MW-3, MW-5, and MW-6) PAH and PVOC analysis (MW-1), or VOC analysis (MW-4). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells.

Discussion of Soil Results

G-25-1: Collected at a depth of 3.5 feet bgs, shows a NR720 Groundwater RCL exceedance for Naphthalene (1.95 ppm).

HA-1-1: Collected at a depth of 3.0 feet bgs, shows NR720 Non-Industrial Direct Contact exceedances for Ethylbenzene (9.4 ppm) and Naphthalene (21.4 ppm), as well as NR720 Groundwater RCL exceedances for Trimethylbenzenes (17 ppm) and Xylene (8.42 ppm).

HA-2-1: Collected at a depth of 3.0 feet bgs, shows a Non-Industrial Direct Contact exceedance for Naphthalene (7.4 ppm) as well as a NR720 Groundwater RCL exceedance for Trimethylbenzenes (2.22 ppm).

Discussion of Sub Slab Vapor Sampling Results

Sampling Port SS-1: Shows detects for various PVOC and Naphthalene compounds but no exceedances of the Small Commercial Vapor Action Levels (VAL).

Sampling Port SS-2: Shows detects for various PVOC and Naphthalene compounds but no exceedances of the Small Commercial Vapor Action Levels (VAL).

Sampling Port SS-3: Shows detects for various PVOC and Naphthalene compounds but no exceedances of the Small Commercial Vapor Action Levels (VAL).

Discussion of Groundwater Monitoring Results

Monitoring Well MW-1: Currently shows NR140 Enforcement Standard (ES) exceedances for Benzo(b)fluoranthene (0.60 ppb) and Chrysene (0.33 ppb), as well as NR140 Preventative Action Limit (PAL) exceedances for Benzene (2.59 ppb) and Benzo(a)pyrene (0.231 ppb).

Monitoring Well MW-2: Currently shows a NR140 PAL exceedance for Benzene (0.93 ppb).

Monitoring Well MW-3: Currently shows a NR140 ES exceedance for Benzene (6.5 ppb).

Monitoring Well MW-4: Currently shows no detects for PVOC and Naphthalene.

Monitoring Well MW-5: Currently shows no detects for PVOC and Naphthalene.

Monitoring Well MW-6: Currently shows detects but no exceedances for all contaminants of concern.

Conclusions

Based on current results, METCO recommends that the Korth Property site be reviewed for the possibility of "closure" for the following reasons:

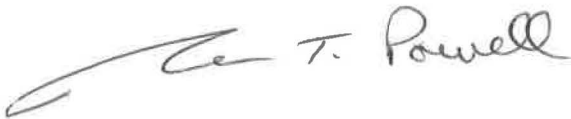
- 1) The extent and degree of petroleum contamination in soil and groundwater has been adequately defined.

- 2) Soil contamination exceeding NR 720 Direct Contact PAH's can be addressed with a cap Maintenance Plan (majority is covered by asphalt and/or the on-site building with small portion in grass area) or PAH calculator could be used to determine if one or two of the PAH Direct Contact exceedances fail-out or not.
- 3) Contaminant trends in groundwater appear to be at least stable and in some instances are decreasing.
- 4) Sub-slab vapor sampling results showed no Vapor Action Level (VAL) exceedances.
- 5) The subject property and surrounding properties are all served by the City of Appleton municipal water supply, which draws its potable water from Lake Winnebago. METCO is not aware of any private water supply wells in the area.

An Updated Site Layout Map, Groundwater Flow Map, Soil Contamination Map, Groundwater Contamination Map, Data Tables, Vapor Results Map, Soil Boring Logs, Borehole Abandonment Forms, Sub-Slab Vapor Sampling Documents, and Laboratory Documents have been attached.

If you have any questions or comments please feel free to call (608-781-8879) or email at jasonp@metcohq.com.

Sincerely,



Jason T. Powell
Staff Scientist

Attachments

c: Robert Korth – Client

B.I.b. DETAILED SITE MAP
KORTH PROPERTY

METCC
APPLETON WISCONSIN
DRAWN BY: SD
DATE: 6/26/16

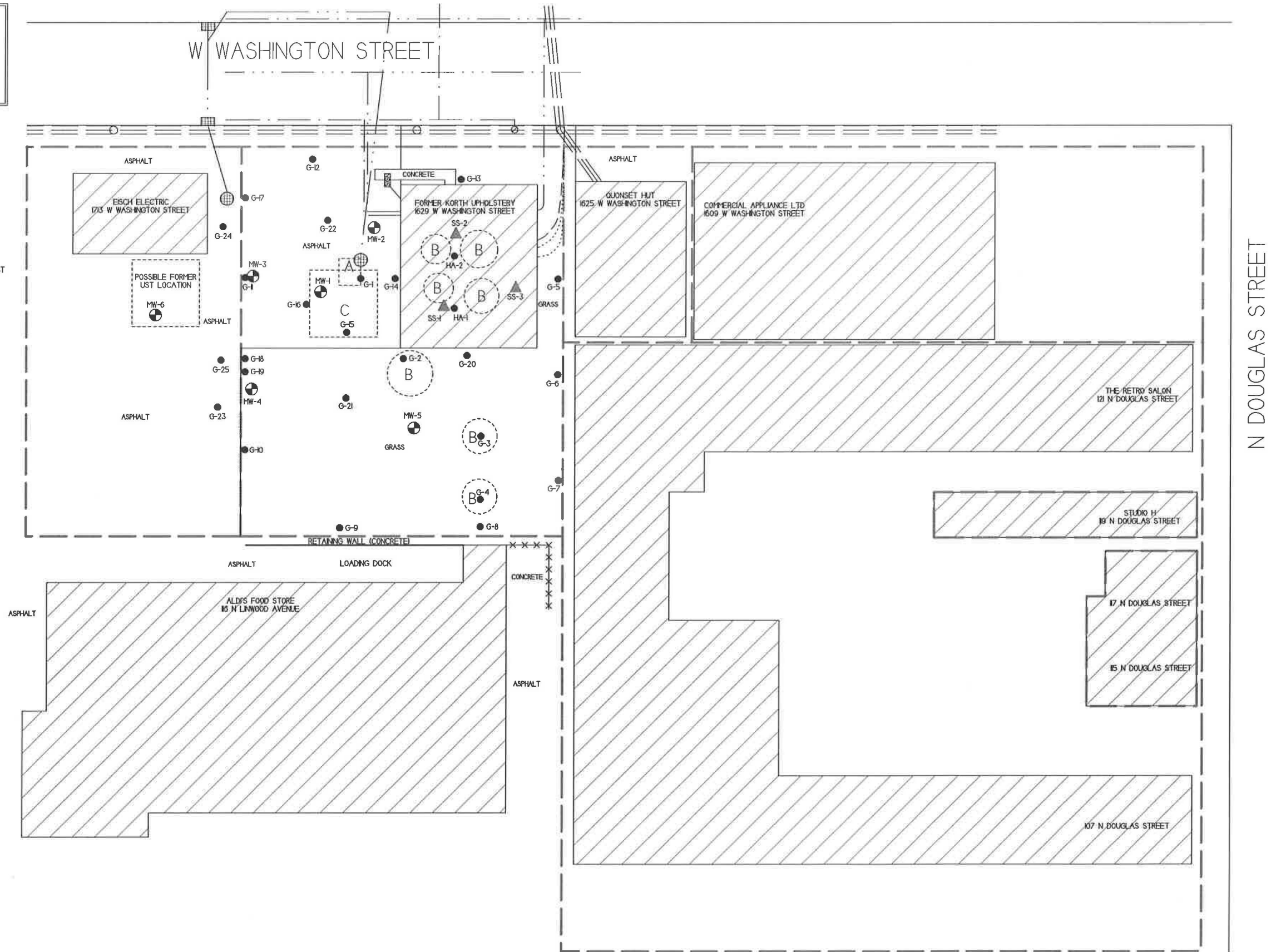
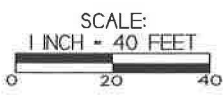


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊙ - FIRE HYDRANT
- - UTILITY POLE
- - STORM DRAIN

- A - FORMER PUMP HOUSE - 1970 SANBORN MAP
- B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
- C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

- PROPERTY BOUNDARIES
- WATER LINE
 - SANITARY SEWER
 - STORM SEWER
 - NATURAL GAS
 - TELEPHONE/CABLE
 - BURIED ELECTRIC LINE
 - FENCE
 - OVERHEAD UTILITIES



N DOUGLAS STREET

SOIL CONTAMINATION
MAP
KORTH PROPERTY

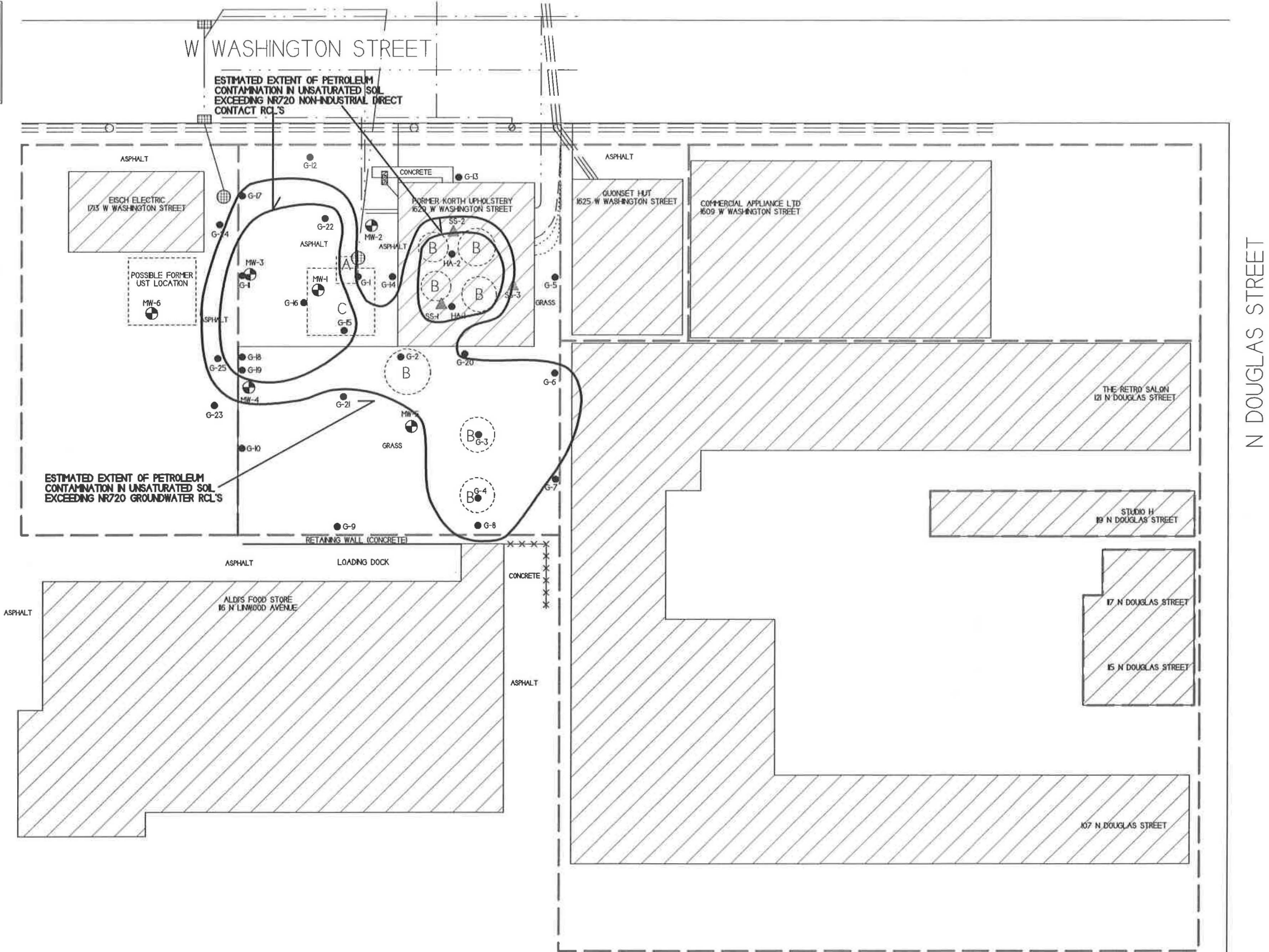
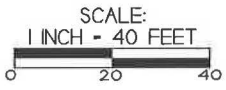
METCO
APPLETON
WISCONSIN
DRAWN BY: ED
DATE: 8/18/10

NOTE: INFORMATION BASED ON AVAILABLE
DATA. ACTUAL CONDITIONS MAY DIFFER.

- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊙ - FIRE HYDRANT
- - UTILITY POLE
- ⊠ - STORM DRAIN


A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

- PROPERTY BOUNDARIES
- WATER LINE
 - - - SANITARY SEWER
 - - - STORM SEWER
 - - - NATURAL GAS
 - - - TELEPHONE/CABLE
 - - - BURIED ELECTRIC LINE
 - - - FENCE
 - - - OVERHEAD UTILITIES



VAPOR INTRUSION MAP
KORTH PROPERTY

APPLETON WISCONSIN
DRAWN BY: SD
DATE: 02/25/10

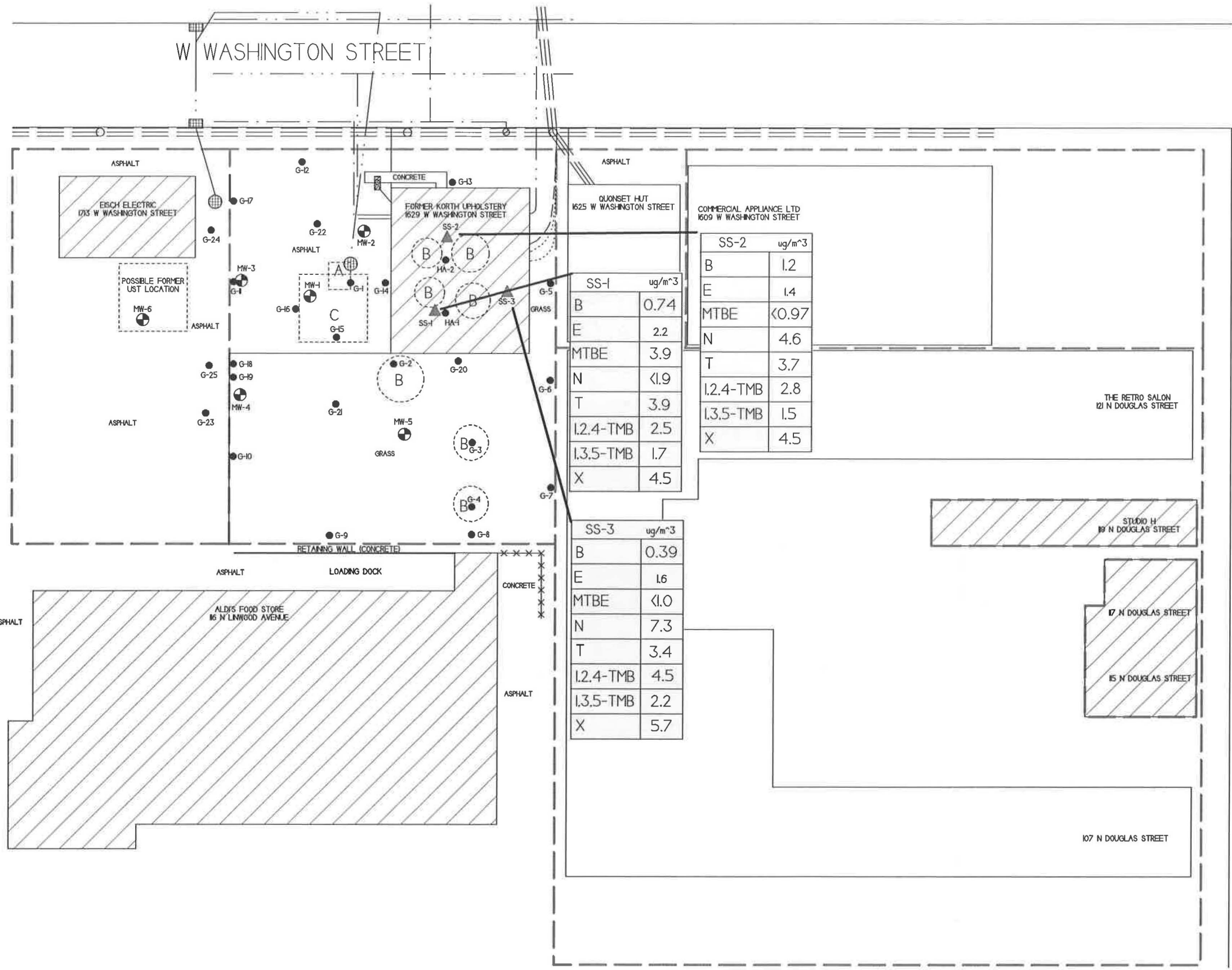
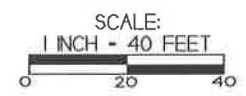


NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊙ - FIRE HYDRANT
- - UTILITY POLE
- ⊞ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

- PROPERTY BOUNDARIES
- WATER LINE
 - - - SANITARY SEWER
 - - - STORM SEWER
 - - - NATURAL GAS
 - - - TELEPHONE/CABLE
 - - - BURIED ELECTRIC LINE
 - - - FENCE
 - - - OVERHEAD UTILITIES



| SS-1 ug/m ³ | |
|------------------------|------|
| B | 0.74 |
| E | 2.2 |
| MTBE | 3.9 |
| N | <1.9 |
| T | 3.9 |
| 1,2,4-TMB | 2.5 |
| 1,3,5-TMB | 1.7 |
| X | 4.5 |

| SS-2 ug/m ³ | |
|------------------------|-------|
| B | 1.2 |
| E | 1.4 |
| MTBE | <0.97 |
| N | 4.6 |
| T | 3.7 |
| 1,2,4-TMB | 2.8 |
| 1,3,5-TMB | 1.5 |
| X | 4.5 |

| SS-3 ug/m ³ | |
|------------------------|------|
| B | 0.39 |
| E | 1.6 |
| MTBE | <1.0 |
| N | 7.3 |
| T | 3.4 |
| 1,2,4-TMB | 4.5 |
| 1,3,5-TMB | 2.2 |
| X | 5.7 |

N DOUGLAS STREET

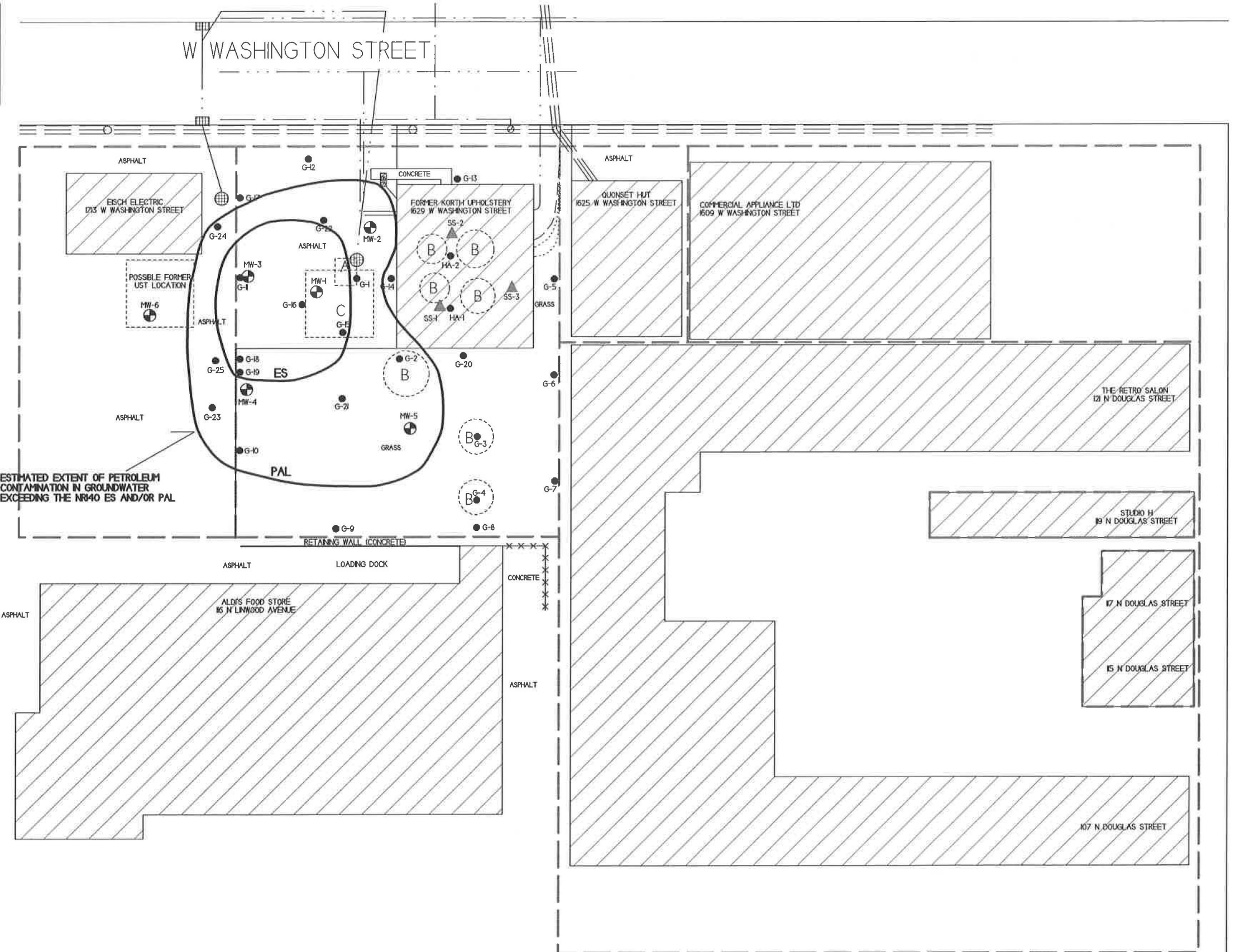
B.3.b GROUNDWATER
ISOCONCENTRATION (9/19/19)
KORTH PROPERTY



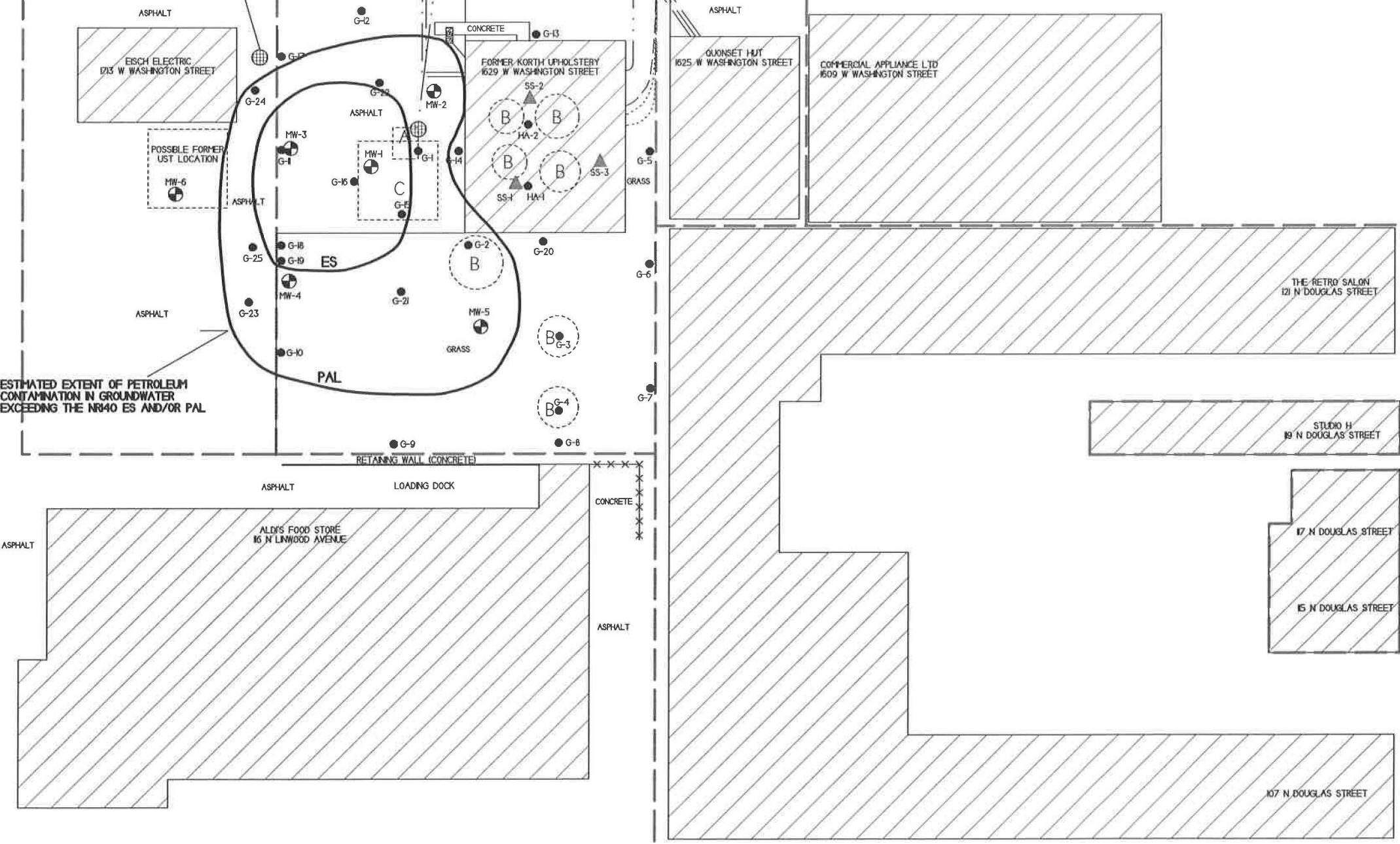
NOTE: INFORMATION BASED ON AVAILABLE
DATA. ACTUAL CONDITIONS MAY DIFFER.

- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊙ - FIRE HYDRANT
- - UTILITY POLE
- ⊘ - STORM DRAIN
- - PAL
- ▲ - ES
- - G-1 through G-25
- ⊕ - MW-1 through MW-6
- ▲ - HA-1, HA-2
- ▲ - SS-1, SS-2, SS-3
- - B (Former Gasoline Tanks)
- - C (Approximate location of removed fuel tank)
- - A (Former Pump House)

- PROPERTY BOUNDARIES
- WATER LINE
- SANITARY SEWER
- STORM SEWER
- NATURAL GAS
- TELEPHONE/CABLE
- BURIED ELECTRIC LINE
- FENCE
- OVERHEAD UTILITIES



ESTIMATED EXTENT OF PETROLEUM
CONTAMINATION IN GROUNDWATER
EXCEEDING THE NR40 ES AND/OR PAL



N DOUGLAS STREET

A.1 Groundwater Analytical Table
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-1

PVC Elevation = 813.02 (feet) (MSL)

| Date | Water Elevation (in feet msl) | Depth to water from top of PVC (in feet) | Lead (ppb) | Benzene (ppb) | Ethyl benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethylbenzenes (ppb) | Xylene (Total) (ppb) |
|--|-------------------------------|--|------------|---------------|---------------------|------------|-------------------|---------------|-------------------------|----------------------|
| 9/20/2017 | 809.37 | 3.65 | <0.9 | 7.6 | 0.43 | <0.82 | 34 | <0.67 | <2.05 | <1.95 |
| 12/14/2017 | 808.75 | 4.27 | <0.9 | 5.0 | 0.67 | <0.43 | 0.50 | <0.33 | 0.66-1.22 | <1.71 |
| 8/28/2018 | 809.20 | 3.82 | NS | 110 | <13 | <14 | 0.87 | <9.5 | <71.5 | <36 |
| 11/27/2018 | 810.15 | 2.87 | NS | 12.1 | <0.53 | <0.57 | 3.60 | <0.45 | 1.61-2.36 | <1.58 |
| 9/19/2019 | 811.50 | 1.52 | NS | 2.59 | 0.55 | <0.24 | 0.48 | 0.55 | 1.92 | 0.63-70 |
| ENFORCEMENT STANDARD ES = Bold | | | 15 | 5 | 700 | 60 | 100 | 800 | 480 | 2000 |
| PREVENTIVE ACTION LIMIT PAL = Italics | | | 1.5 | 0.5 | 140 | 12 | 10 | 160 | 96 | 400 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

PVC Elevation = 812.89 (feet) (MSL)

| Date | Water Elevation (in feet msl) | Depth to water from top of PVC (in feet) | Lead (ppb) | Benzene (ppb) | Ethyl benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethylbenzenes (ppb) | Xylene (Total) (ppb) |
|--|-------------------------------|--|------------|---------------|---------------------|------------|-------------------|---------------|-------------------------|----------------------|
| 9/20/2017 | 808.33 | 4.56 | <0.9 | 0.76 | 0.42 | <0.82 | <2.17 | <0.67 | <2.05 | 0.56-2.12 |
| 12/14/2017 | 808.02 | 4.87 | <0.9 | 0.83 | <0.56 | <0.43 | 1.22 | 0.54 | 1.76 | <1.71 |
| 8/28/2018 | 809.29 | 3.60 | NS | 21 | 13 | <14 | 0.58 | <9.5 | <71.5 | 25.5-47 |
| 11/27/2018 | 808.74 | 4.15 | NS | 1.19 | 0.76 | <0.57 | 0.99 | 0.65 | 1.41-2.16 | 1.87-2.87 |
| 9/19/2019 | 809.31 | 3.58 | NS | 0.93 | 0.53 | <0.24 | 4.6 | 0.53 | <1.13 | 1.1-1.62 |
| ENFORCEMENT STANDARD ES = Bold | | | 15 | 5 | 700 | 60 | 100 | 800 | 480 | 2000 |
| PREVENTIVE ACTION LIMIT PAL = Italics | | | 1.5 | 0.5 | 140 | 12 | 10 | 160 | 96 | 400 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

PVC Elevation = 813.47 (feet) (MSL)

| Date | Water Elevation (in feet msl) | Depth to water from top of PVC (in feet) | Lead (ppb) | Benzene (ppb) | Ethyl benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethylbenzenes (ppb) | Xylene (Total) (ppb) |
|--|-------------------------------|--|------------|---------------|---------------------|------------|-------------------|---------------|-------------------------|----------------------|
| 9/20/2017 | 809.49 | 3.98 | <0.9 | 14.8 | 2.0 | <0.82 | 2.88 | <0.67 | <2.05 | <1.95 |
| 12/14/2017 | 808.69 | 4.78 | <0.9 | 3.7 | 0.85 | <0.43 | 1.05 | 0.52 | <1.14 | <1.71 |
| 8/28/2018 | 810.85 | 2.62 | NS | 340 | 63 | <14 | 2.57 | 10.5 | <71.5 | <36 |
| 11/27/2018 | 810.42 | 3.05 | NS | 15.3 | 2.03 | <0.57 | 0.88 | 0.57 | 1.13-1.88 | <1.58 |
| 9/19/2019 | 811.82 | 1.65 | NS | 6.5 | 0.43 | <0.24 | 3.3 | 0.64 | 0.63-1.30 | 0.75-82 |
| ENFORCEMENT STANDARD ES = Bold | | | 15 | 5 | 700 | 60 | 100 | 800 | 480 | 2000 |
| PREVENTIVE ACTION LIMIT PAL = Italics | | | 1.5 | 0.5 | 140 | 12 | 10 | 160 | 96 | 400 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-4

PVC Elevation = 813.79 (feet) (MSL)

| Date | Water Elevation (in feet msl) | Depth to water from top of PVC (in feet) | Lead (ppb) | Benzene (ppb) | Ethyl benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) |
|--|-------------------------------|--|------------|---------------|---------------------|------------|-------------------|---------------|--------------------------|----------------------|
| 9/20/2017 | 808.93 | 4.86 | <0.9 | 0.29 | 0.31 | <0.82 | 9.8 | <0.67 | <2.05 | <1.95 |
| 12/14/2017 | 808.50 | 5.29 | <0.9 | 0.40 | <0.56 | <0.43 | 0.62 | 0.37 | <1.14 | <1.71 |
| 8/28/2018 | 809.59 | 4.20 | NS | <110 | <130 | <140 | 0.196 | <95 | <715 | <360 |
| 11/27/2018 | 810.44 | 3.35 | NS | 0.70 | <0.53 | <0.57 | 0.297 | <0.45 | 1.07-1.82 | <1.58 |
| 9/19/2019 | 810.90 | 2.89 | NS | <0.22 | <0.26 | <0.28 | <2.1 | <0.19 | <1.43 | <0.72 |
| ENFORCEMENT STANDARD ES = Bold | | | 15 | 5 | 700 | 60 | 100 | 800 | 480 | 2000 |
| PREVENTIVE ACTION LIMIT PAL = Italics | | | <i>1.5</i> | <i>0.5</i> | <i>140</i> | <i>12</i> | <i>10</i> | <i>160</i> | <i>96</i> | <i>400</i> |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

PVC Elevation = 813.30 (feet) (MSL)

| Date | Water Elevation (in feet msl) | Depth to water from top of PVC (in feet) | Lead (ppb) | Benzene (ppb) | Ethyl benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) |
|--|-------------------------------|--|------------|---------------|---------------------|------------|-------------------|---------------|--------------------------|----------------------|
| 9/20/2017 | 808.84 | 4.46 | <0.9 | <0.17 | <0.2 | <0.82 | 3.9 | <0.67 | <2.05 | <1.95 |
| 12/14/2017 | 808.75 | 4.55 | <0.9 | 0.27 | <0.56 | <0.43 | 0.036 | <0.33 | <1.14 | <1.71 |
| 8/28/2018 | 811.09 | 2.21 | NS | <11 | <13 | <14 | <0.023 | <9.5 | <710.5 | <36 |
| 11/27/2018 | 809.88 | 3.42 | NS | <0.22 | <0.53 | <0.57 | 0.044 | <0.45 | <1.48 | <1.58 |
| 9/19/2019 | 810.62 | 2.68 | NS | <0.32 | <0.29 | <0.24 | <1.3 | <0.29 | <1.13 | <1.12 |
| ENFORCEMENT STANDARD ES = Bold | | | 15 | 5 | 700 | 60 | 100 | 800 | 480 | 2000 |
| PREVENTIVE ACTION LIMIT PAL = Italics | | | <i>1.5</i> | <i>0.5</i> | <i>140</i> | <i>12</i> | <i>10</i> | <i>160</i> | <i>96</i> | <i>400</i> |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

PVC Elevation = 812.74 (feet) (MSL)

| Date | Water Elevation (in feet msl) | Depth to water from top of PVC (in feet) | Lead (ppb) | Benzene (ppb) | Ethyl benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) |
|--|-------------------------------|--|------------|---------------|---------------------|------------|-------------------|---------------|--------------------------|----------------------|
| 11/27/2018 | 810.74 | 2.00 | NS | <0.22 | <0.26 | <0.28 | <2.1 | <0.19 | <1.43 | <0.72 |
| 9/19/2019 | 811.03 | 1.71 | NS | <0.32 | 0.34 | <0.24 | <1.3 | <0.29 | <1.13 | <1.12 |
| ENFORCEMENT STANDARD ES = Bold | | | 15 | 5 | 700 | 60 | 100 | 800 | 480 | 2000 |
| PREVENTIVE ACTION LIMIT PAL = Italics | | | <i>1.5</i> | <i>0.5</i> | <i>140</i> | <i>12</i> | <i>10</i> | <i>160</i> | <i>96</i> | <i>400</i> |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table

(PAH)

Korth Property LUST Site BRRTS# 03-45-002078

Well MW-1

| Date | Ace-naphthene (ppb) | Acenaphthylene (ppb) | Anthracene (ppb) | Benzo(a)anthracene (ppb) | Benzo(a)pyrene (ppb) | Benzo(b)fluoranthene (ppb) | Benzo(g,h,i)Perylene (ppb) | Benzo(k)fluoranthene (ppb) | Chrysene (ppb) | Dibenzo(a,h)anthracene (ppb) | Fluoranthene (ppb) | Fluorene (ppb) | Indeno(1,2,3-cd)pyrene (ppb) | 1-Methylnaphthalene (ppb) | 2-Methylnaphthalene (ppb) | Naphthalene (ppb) | Phenanthrene (ppb) | Pyrene (ppb) |
|---|---------------------|----------------------|------------------|--------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------|------------------------------|--------------------|----------------|------------------------------|---------------------------|---------------------------|-------------------|--------------------|--------------|
| 9/20/2017 | 0.81 | 0.172 | 0.055 | <0.034 | <0.04 | <0.036 | <0.05 | <0.032 | <0.04 | <0.05 | 0.04 | 0.73 | <0.046 | 4.20 | 2.07 | 9.60 | 0.55 | <0.04 |
| 12/14/2017 | 0.59 | 0.0194 | 0.114 | 0.0212 | <0.02 | <0.018 | <0.025 | <0.016 | <0.02 | <0.025 | 0.0286 | 0.103 | <0.023 | 0.60 | 0.76 | 0.50 | 0.211 | 0.04 |
| 8/28/2018 | 0.183 | 0.061 | 0.0175 | 0.0266 | 0.0257 | 0.054 | 0.032 | 0.0203 | 0.041 | <0.01 | 0.085 | 0.047 | 0.0223 | 0.316 | 0.72 | 0.87 | 0.104 | 0.098 |
| 11/26-27/18 | 0.80 | 0.195 | 0.276 | 0.19 | 0.231 | 0.42 | 0.242 | 0.10 | 0.253 | 0.043 | 0.54 | 1.26 | 0.248 | 3.30 | 0.168 | 3.60 | 0.48 | 0.61 |
| 9/19/2019 | 0.273 | 0.06 | 0.115 | 0.10 | 0.198 | 0.60 | 0.301 | 0.18 | 0.33 | <0.0173 | 0.68 | 0.228 | 0.234 | 0.32 | 0.76 | 0.48 | 0.67 | 0.54 |
| ENFORCEMENT STANDARD = ES – Bold | | | | 3000 | - | 0.2 | 0.2 | - | 0.2 | - | 400 | 400 | - | - | - | 100 | - | 250 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | 600 | - | 0.02 | 0.02 | - | 0.02 | - | 80 | 80 | - | - | - | 10 | - | 50 |

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

| Date | Ace-naphthene (ppb) | Acenaphthylene (ppb) | Anthracene (ppb) | Benzo(a)anthracene (ppb) | Benzo(a)pyrene (ppb) | Benzo(b)fluoranthene (ppb) | Benzo(g,h,i)Perylene (ppb) | Benzo(k)fluoranthene (ppb) | Chrysene (ppb) | Dibenzo(a,h)anthracene (ppb) | Fluoranthene (ppb) | Fluorene (ppb) | Indeno(1,2,3-cd)pyrene (ppb) | 1-Methylnaphthalene (ppb) | 2-Methylnaphthalene (ppb) | Naphthalene (ppb) | Phenanthrene (ppb) | Pyrene (ppb) |
|---|---------------------|----------------------|------------------|--------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------|------------------------------|--------------------|----------------|------------------------------|---------------------------|---------------------------|-------------------|--------------------|--------------|
| 9/20/2017 | 3.90 | 1.03 | 1.11 | 0.182 | <0.10 | 0.092 | <0.125 | <0.08 | 0.183 | <0.125 | 0.82 | 2.09 | <0.115 | 27.9 | 11.8 | 1.63 | 5.80 | 0.79 |
| 12/14/2017 | 2.71 | 0.50 | 0.63 | 0.12 | <0.10 | <0.09 | <0.125 | <0.08 | <0.10 | <0.125 | 0.166 | 0.74 | <0.115 | 12.1 | 3.60 | 1.22 | 1.85 | 0.275 |
| 8/28/2018 | 1.74 | 0.48 | 0.33 | 0.229 | 0.11 | 0.132 | 0.079 | 0.107 | 0.163 | 0.072 | <0.155 | 1.65 | 0.077 | 21.2 | 6.80 | 0.58 | 0.71 | 0.228 |
| 11/26-27/18 | 2.62 | 0.56 | 0.315 | 0.11 | 0.1 | <0.10 | <0.055 | <0.07 | <0.095 | <0.05 | <0.155 | 2.30 | <0.06 | 31.5 | 5.60 | 0.99 | 1.22 | 0.227 |
| 9/19/2019 | NOT SAMPLED | | | | | | | | | | | | | | | | | |
| ENFORCEMENT STANDARD = ES – Bold | | | | 3000 | - | 0.2 | 0.2 | - | 0.2 | - | 400 | 400 | - | - | - | 100 | - | 250 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | 600 | - | 0.02 | 0.02 | - | 0.02 | - | 80 | 80 | - | - | - | 10 | - | 50 |

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

| Date | Ace-naphthene (ppb) | Acenaphthylene (ppb) | Anthracene (ppb) | Benzo(a)anthracene (ppb) | Benzo(a)pyrene (ppb) | Benzo(b)fluoranthene (ppb) | Benzo(g,h,i)Perylene (ppb) | Benzo(k)fluoranthene (ppb) | Chrysene (ppb) | Dibenzo(a,h)anthracene (ppb) | Fluoranthene (ppb) | Fluorene (ppb) | Indeno(1,2,3-cd)pyrene (ppb) | 1-Methylnaphthalene (ppb) | 2-Methylnaphthalene (ppb) | Naphthalene (ppb) | Phenanthrene (ppb) | Pyrene (ppb) |
|---|---------------------|----------------------|------------------|--------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------|------------------------------|--------------------|----------------|------------------------------|---------------------------|---------------------------|-------------------|--------------------|--------------|
| 9/20/2017 | 2.66 | 0.262 | 0.252 | <0.017 | <0.02 | <0.018 | <0.025 | <0.016 | <0.02 | <0.025 | 0.077 | 0.79 | <0.023 | 3.50 | 1.27 | 1.41 | 2.78 | 0.12 |
| 12/14/2017 | 1.80 | 0.193 | 0.276 | 0.0212 | <0.02 | <0.018 | <0.025 | <0.016 | <0.02 | <0.025 | 0.0311 | 0.41 | <0.023 | 5.30 | 0.129 | 1.05 | 2.26 | 0.082 |
| 8/28/2018 | 1.46 | 0.134 | 0.287 | 0.018 | <0.017 | <0.02 | <0.011 | <0.014 | <0.019 | <0.01 | 0.032 | 1.43 | <0.012 | 8.70 | 0.129 | 2.57 | 1.90 | 0.098 |
| 11/26-27/18 | 2.41 | 0.26 | 0.20 | 0.0254 | <0.017 | <0.02 | 0.015 | <0.014 | <0.019 | <0.01 | <0.031 | 2.22 | <0.012 | 7.90 | 0.311 | 0.88 | 1.25 | 0.105 |
| 9/19/2019 | NOT SAMPLED | | | | | | | | | | | | | | | | | |
| ENFORCEMENT STANDARD = ES – Bold | | | | 3000 | - | 0.2 | 0.2 | - | 0.2 | - | 400 | 400 | - | - | - | 100 | - | 250 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | 600 | - | 0.02 | 0.02 | - | 0.02 | - | 80 | 80 | - | - | - | 10 | - | 50 |

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table

(PAH)

Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-4

| Date | Ace-naphthene (ppb) | Acenaphthylene (ppb) | Anthracene (ppb) | Benzo(a)anthracene (ppb) | Benzo(a)pyrene (ppb) | Benzo(b)fluoranthene (ppb) | Benzo(g,h,i)Perylene (ppb) | Benzo(k)fluoranthene (ppb) | Chrysene (ppb) | Dibenzo(a,h)anthracene (ppb) | Fluoranthene (ppb) | Fluorene (ppb) | Indeno(1,2,3-cd)pyrene (ppb) | 1-Methylnaphthalene (ppb) | 2-Methylnaphthalene (ppb) | Naphthalene (ppb) | Phenanthrene (ppb) | Pyrene (ppb) |
|--|---------------------|----------------------|------------------|--------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------|------------------------------|--------------------|----------------|------------------------------|---------------------------|---------------------------|-------------------|--------------------|--------------|
| 9/20/2017 | 0.52 | 0.051 | 0.039 | <0.017 | <0.02 | <0.018 | <0.025 | <0.016 | <0.02 | <0.025 | 0.0277 | 0.276 | <0.023 | 2.65 | 0.091 | 2.11 | 0.055 | <0.02 |
| 12/14/2017 | 0.69 | 0.051 | 0.049 | 0.0283 | <0.02 | 0.0289 | 0.41 | <0.016 | 0.0213 | <0.025 | 0.043 | 0.0216 | <0.023 | 0.44 | 0.09 | 0.62 | 0.167 | 0.048 |
| 8/28/2018 | 0.162 | 0.0202 | 0.051 | 0.0192 | <0.017 | <0.02 | 0.0268 | <0.014 | <0.019 | <0.01 | <0.031 | 0.041 | <0.012 | 0.54 | 0.083 | 0.196 | 0.067 | 0.037 |
| 11/26-27/18 | 0.63 | 0.067 | 0.07 | 0.048 | 0.0273 | 0.045 | 0.056 | <0.014 | 0.042 | <0.01 | 0.072 | 0.166 | 0.0314 | 3.6 | 0.137 | 0.297 | 0.221 | 0.09 |
| 9/19/2019 | NOT SAMPLED | | | | | | | | | | | | | | | | | |
| ENFORCEMENT STANDARD = ES - Bold | | | 3000 | - | 0.2 | 0.2 | - | - | 0.2 | - | 400 | 400 | - | - | - | 100 | - | 250 |
| PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i> | | | 600 | - | 0.02 | 0.02 | - | - | 0.02 | - | 80 | 80 | - | - | - | 10 | - | 50 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

| Date | Ace-naphthene (ppb) | Acenaphthylene (ppb) | Anthracene (ppb) | Benzo(a)anthracene (ppb) | Benzo(a)pyrene (ppb) | Benzo(b)fluoranthene (ppb) | Benzo(g,h,i)Perylene (ppb) | Benzo(k)fluoranthene (ppb) | Chrysene (ppb) | Dibenzo(a,h)anthracene (ppb) | Fluoranthene (ppb) | Fluorene (ppb) | Indeno(1,2,3-cd)pyrene (ppb) | 1-Methylnaphthalene (ppb) | 2-Methylnaphthalene (ppb) | Naphthalene (ppb) | Phenanthrene (ppb) | Pyrene (ppb) |
|--|---------------------|----------------------|------------------|--------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------|------------------------------|--------------------|----------------|------------------------------|---------------------------|---------------------------|-------------------|--------------------|--------------|
| 9/20/2017 | 0.095 | <0.019 | <0.019 | 0.0174 | <0.02 | 0.0268 | 0.0278 | <0.016 | <0.02 | <0.025 | 0.055 | 0.031 | <0.023 | 1.42 | 0.059 | 0.89 | 0.0296 | 0.0271 |
| 12/14/2017 | <0.016 | <0.019 | <0.019 | 0.0222 | <0.02 | 0.021 | <0.025 | <0.016 | <0.02 | <0.025 | 0.0217 | <0.021 | <0.023 | 0.054 | <0.024 | 0.036 | <0.025 | 0.0206 |
| 8/28/2018 | <0.008 | 0.011 | <0.009 | <0.017 | <0.017 | <0.02 | 0.0147 | <0.014 | <0.019 | <0.01 | <0.031 | <0.011 | <0.012 | 0.04 | <0.0236 | <0.023 | <0.025 | <0.03 |
| 11/26-27/18 | 0.054 | 0.0103 | <0.009 | 0.0255 | <0.017 | 0.0249 | 0.02 | <0.014 | <0.019 | <0.01 | <0.031 | 0.0201 | 0.0178 | 0.291 | 0.037 | 0.044 | <0.025 | <0.03 |
| 9/19/2019 | NOT SAMPLED | | | | | | | | | | | | | | | | | |
| ENFORCEMENT STANDARD = ES - Bold | | | 3000 | - | 0.2 | 0.2 | - | - | 0.2 | - | 400 | 400 | - | - | - | 100 | - | 250 |
| PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i> | | | 600 | - | 0.02 | 0.02 | - | - | 0.02 | - | 80 | 80 | - | - | - | 10 | - | 50 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

| Date | Ace-naphthene (ppb) | Acenaphthylene (ppb) | Anthracene (ppb) | Benzo(a)anthracene (ppb) | Benzo(a)pyrene (ppb) | Benzo(b)fluoranthene (ppb) | Benzo(g,h,i)Perylene (ppb) | Benzo(k)fluoranthene (ppb) | Chrysene (ppb) | Dibenzo(a,h)anthracene (ppb) | Fluoranthene (ppb) | Fluorene (ppb) | Indeno(1,2,3-cd)pyrene (ppb) | 1-Methylnaphthalene (ppb) | 2-Methylnaphthalene (ppb) | Naphthalene (ppb) | Phenanthrene (ppb) | Pyrene (ppb) |
|--|---------------------|----------------------|------------------|--------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------|------------------------------|--------------------|----------------|------------------------------|---------------------------|---------------------------|-------------------|--------------------|--------------|
| 11/26-27/18 | <0.008 | <0.009 | <0.009 | 0.0173 | <0.017 | <0.02 | <0.011 | <0.014 | <0.019 | <0.01 | <0.031 | <0.011 | <0.012 | <0.0239 | <0.0236 | 0.103 | <0.025 | <0.03 |
| 9/19/2019 | NOT SAMPLED | | | | | | | | | | | | | | | | | |
| ENFORCEMENT STANDARD = ES - Bold | | | 3000 | - | 0.2 | 0.2 | - | - | 0.2 | - | 400 | 400 | - | - | - | 100 | - | 250 |
| PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i> | | | 600 | - | 0.02 | 0.02 | - | - | 0.02 | - | 80 | 80 | - | - | - | 10 | - | 50 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.2 Soil Analytical Results Table
Korth Property LUST Site BRRT'S# 03-45-002078

| Sample ID | Depth (feet) | Saturation U/S | Date | PID | Lead (ppm) | DRO (ppm) | GRO (ppm) | Benzene (ppm) | Ethyl benzene (ppm) | MTBE (ppm) | Naphthalene (ppm) | Toluene (ppm) | 1,2,4-Trime-thylbenzene (ppm) | 1,3,5-Trime-thylbenzene (ppm) | Xylene (Total) (ppm) | Other VOC's (ppb) | DIRECT CONTACT | | |
|--|--------------|----------------|----------|-------|------------|-----------|-----------|---------------|---------------------|------------|-------------------|---------------|-------------------------------|-------------------------------|----------------------|-------------------|------------------|--------------|------------------------|
| | | | | | | | | | | | | | | | | | Exceedance Count | Hazard Index | Cumulative Cancer Risk |
| G-25-1 | 3.5 | U | 08/01/19 | 20.5 | NS | NS | NS | <0.025 | <0.025 | <0.025 | 1.95 | 0.05 | 0.2 | 0.143 | 0.289 | NS | 0 | 0.0125 | 3.7E-07 |
| HA-1-1 | 3.0 | U | 08/01/19 | 501.7 | NS | NS | NS | <0.25 | 9.4 | <0.25 | 21.4 | 0.37 | 9.7 | 7.3 | 8.42 | NS | 2 | 0.1828 | 5.2E-06 |
| HA-2-1 | 3.0 | U | 08/01/19 | 516.0 | NS | NS | NS | <0.25 | 0.259 | <0.25 | 7.4 | <0.25 | 1.33 | 0.89 | 0.92-1.17 | NS | 1 | 0.0514 | 1.5E-06 |
| Groundwater RCL | | | | | 27 | - | - | 0.0051 | 1.57 | 0.027 | 0.6582 | 1,1072 | 1,3787 | | 3.96 | - | | | |
| Non-Industrial Direct Contact RCL | | | | | 400 | - | - | 1.6 | 8.02 | 63.8 | 5.52 | 818 | 219 | 182 | 260 | - | | 1.00E+00 | 1.00E-05 |
| Industrial Direct Contact RCL | | | | | (800) | - | - | (7.07) | (35.4) | (282) | (24.1) | (818) | (219) | (182) | (260) | - | | 1.00E+00 | 1.00E-05 |
| Soil Saturation Concentration (C-sat)* | | | | | - | - | - | 1820* | 480* | 8870* | - | 818* | 219* | 182* | 260* | - | | | |

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
 NS = Not Sampled
 (ppm) = parts per million
 DRO = Diesel Range Organics
 GRO = Gasoline Range Organics
 PID = Photoionization Detector
 PVOC's = Petroleum Volatile Organic Compounds
 VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
 S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

NM = Not Measured
 ND = No Detects

A.2 Soil Analytical Results Table
(PAH)
Korth Property LUST Site BRRT'S# 03-45-002078

| Sample | Depth (feet) | Saturation U/S | Date | Acenaphthene (ppm) | Acenaphthylene (ppm) | Anthracene (ppm) | Benzo(a)anthracene (ppm) | Benzo(a)pyrene (ppm) | Benzo(b)fluoranthene (ppm) | Benzo(g,h,i)perylene (ppm) | Benzo(k)fluoranthene (ppm) | Chrysene (ppm) | Dibenzo(a,h)anthracene (ppm) | Fluoranthene (ppm) | Fluorene (ppm) | Indeno(1,2,3-cd)pyrene (ppm) | 1-Methylnaphthalene (ppm) | 2-Methylnaphthalene (ppm) | Naphthalene (ppm) | Phenanthrene (ppm) | Pyrene (ppm) | DIRECT CONTACT | | | |
|---|--------------|----------------|----------|--------------------|----------------------|------------------|--------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------|------------------------------|--------------------|----------------|------------------------------|---------------------------|---------------------------|-------------------|--------------------|----------------|------------------|-----------------|------------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | Exceedance Count | Hazard Index | Cumulative Cancer Risk | |
| G-1-1 | 3.5 | U | 04/10/17 | <0.0151 | <0.0159 | <0.0109 | <0.0116 | <0.0113 | <0.013 | <0.0114 | <0.0147 | <0.0121 | <0.0078 | <0.0147 | <0.0179 | <0.0114 | <0.0203 | <0.0113 | <0.0153 | <0.0111 | <0.0153 | 0 | | | |
| G-11-1 | 3.5 | U | 04/10/17 | 1.89 | 0.51 | 1.29 | 0.257 | 0.44 | 0.90 | 0.56 | 0.213 | 0.47 | 0.126 | 0.46 | 2.71 | 0.38 | 9.40 | 1.31 | 0.76 | 6.10 | 1.71 | 2 | 0.0426 | 7.0E-06 | |
| G-12-1 | 3.5 | U | 04/10/17 | <0.0151 | <0.0159 | <0.0109 | <0.0116 | <0.0113 | <0.013 | <0.0114 | <0.0147 | <0.0121 | <0.0078 | <0.0147 | <0.0179 | <0.0114 | <0.0203 | <0.0113 | <0.0153 | <0.0111 | <0.0153 | 0 | | | |
| G-13-1 | 3.5 | U | 04/10/17 | <0.0151 | <0.0159 | <0.0109 | <0.0116 | <0.0113 | <0.013 | <0.0114 | <0.0147 | <0.0121 | <0.0078 | <0.0147 | <0.0179 | <0.0114 | <0.0203 | <0.0113 | <0.0153 | <0.0111 | <0.0153 | 0 | | | |
| G-14-1 | 3.5 | U | 04/10/17 | <0.0151 | <0.0159 | <0.0109 | <0.0116 | <0.0113 | <0.013 | <0.0114 | <0.0147 | <0.0121 | <0.0078 | <0.0147 | <0.0179 | <0.0114 | <0.0203 | <0.0113 | <0.0153 | <0.0111 | <0.0153 | 6 | | | |
| G-15-1 | 3.5 | U | 04/10/17 | 4.30 | 1.32 | 1.52 | 5.4 | (8.60) | 13.0 | 8.20 | 4.10 | 8.20 | 2.01 | 5.30 | 6.80 | 6.30 | 36.0 | 9.70 | 1.92 | 14.3 | 6.60 | 6 | 0.5642 | 1.20E-04 | |
| G-16-1 | 3.5 | U | 04/11/17 | 4.00 | 1.08 | 1.86 | 0.228 | 0.214 | 0.53 | 0.292 | 0.136 | 0.46 | 0.078 | 0.67 | 5.10 | 0.161 | 14.4 | 23.0 | 4.70 | 10.4 | 2.14 | 1 | 0.1902 | 5.3E-06 | |
| G-17-1 | 3.5 | U | 04/11/17 | <0.0151 | 0.0169 | 0.0301 | 0.056 | 0.071 | 0.156 | 0.122 | 0.0266 | 0.142 | 0.0274 | 0.069 | 0.041 | 0.063 | 0.34 | 0.62 | 0.162 | 0.239 | 0.129 | 0 | 0.0078 | 1.1E-06 | |
| G-21-1 | 3.5 | U | 04/11/17 | <0.0151 | <0.0159 | <0.0109 | 0.032 | 0.044 | 0.104 | 0.05 | 0.0264 | 0.053 | 0.0126 | 0.0315 | <0.0179 | 0.04 | 0.045 | 0.075 | 0.0243 | 0.0176 | 0.033 | 0 | 0.003 | 6.6E-07 | |
| G-22-1 | 3.5 | U | 04/11/17 | 1.01 | 0.47 | 0.68 | <0.058 | <0.0565 | <0.065 | <0.057 | <0.0735 | <0.0605 | <0.039 | <0.0735 | 2.06 | <0.057 | 20.5 | 26.7 | 0.52 | 2.72 | <0.0765 | 1 | 0.1419 | 1.7E-06 | |
| G-23-1 | 3.5 | U | 10/25/18 | 0.058 | 0.042 | <0.0109 | <0.016 | <0.013 | <0.013 | <0.0114 | <0.0147 | <0.0121 | <0.0078 | <0.0147 | 0.058 | <0.0114 | 0.03 | 0.0271 | 0.016 | 0.046 | 0.0185 | 0 | 0.0112 | 1.3E-06 | |
| G-24-1 | 3.5 | U | 10/25/18 | 0.199 | 0.099 | 0.184 | 0.067 | 0.08 | 0.184 | 0.146 | 0.044 | 0.136 | 0.0257 | 0.146 | 0.188 | 0.076 | 0.62 | 0.86 | 0.34 | 0.40 | 0.36 | 0 | 0.0003 | 4.6E-09 | |
| MW-6-1 | 3.5 | U | 10/25/18 | 0.0262 | 0.063 | 0.072 | 0.072 | 0.061 | 0.078 | 0.071 | 0.0179 | 0.133 | 0.0146 | 0.092 | 0.058 | 0.036 | 0.044 | 0.05 | 0.021 | 0.098 | 0.46 | 0 | 0.0048 | 8.3E-07 | |
| Groundwater RCL | | | | --- | --- | 196.9492 | --- | 0.47 | 0.4781 | --- | --- | 0.1442 | --- | 88.8778 | 14.8299 | --- | --- | --- | 0.6582 | --- | 54.5455 | | | | |
| Non-Industrial Direct Contact RCL | | | | 3590 | --- | 17900 | 1.14 | 0.115 | 1.15 | --- | 11.5 | 115 | 0.115 | 2390 | 2390 | 1.15 | 17.6 | 239 | 5.52 | --- | 1790 | | 1.00E+00 | 1.00E-05 | |
| Industrial Direct Contact RCL | | | | (45200) | --- | (100000) | (20.8) | (2.11) | (21.1) | --- | --- | (211) | (2110) | (30100) | (30100) | (21.1) | (72.7) | (3010) | (24.1) | --- | (22600) | | | | |
| Soil Saturation Concentration (C-sat)* | | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | |

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
 NS = Not Sampled
 (ppm) = parts per million
 PAH = Polynuclear Aromatic Hydrocarbons
 PID = Photoionization Detector
 VOC's = Volatile Organic Compounds

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

NM = Not Measured
ND = No Detects

A.4 Vapor Analytical Table
 Sub-Slab Sampling Data Table for Korth Property LUST Site BRRT'S# 03-45-002078
 BY METCO

Sub-Slab Sampling conducted on September 19, 2019

WDNR
Small Commercial
Sub-Slab Vapor Action
Levels for Various VOCs

Quick Look-Up Table
Updated November, 2017

| Sample ID | | | | (ug/m ³) | |
|---|-------|-------|-------|----------------------|---|
| | SS-1 | SS-2 | SS-3 | | |
| Benzene – ug/m ³ | 0.74 | 1.2 | 0.39J | 530 | c |
| Carbon Tetrachloride – ug/m ³ | NS | NS | NS | 670 | c |
| Chloroform – ug/m ³ | NS | NS | NS | 180 | c |
| Chloromethane – ug/m ³ | NS | NS | NS | 13000 | n |
| Dichlorodifluoromethane – ug/m ³ | NS | NS | NS | 15000 | n |
| 1,1-Dichloroethane (1,1-DCA) – ug/m ³ | NS | NS | NS | 2600 | c |
| 1,2-Dichloroethane (1,2-DCA) – ug/m ³ | NS | NS | NS | 160 | c |
| 1,1-Dichloroethylene (1,1-DCE) – ug/m ³ | NS | NS | NS | 29000 | n |
| 1,2-Dichloroethylene (cis and trans) - ug/m ³ | NS | NS | NS | NA | - |
| Ethylbenzene – ug/m ³ | 2.2 | 1.4 | 1.6 | 1600 | c |
| Methylene chloride – ug/m ³ | NS | NS | NS | 87000 | n |
| Methyl Tert-Butyl Ether (MTBE) – ug/m ³ | <0.95 | <0.97 | <1.0 | 16000 | c |
| Naphthalene – ug/m ³ | <1.9 | 4.6 | 7.3 | 120 | c |
| Tetrachloroethylene -ug/m ³ | NS | NS | NS | 6000 | n |
| Toluene – ug/m ³ | 3.9 | 3.7 | 3.4 | 730000 | n |
| 1,1,1-Trichloroethane – ug/m ³ | NS | NS | NS | 730000 | n |
| Trichloroethylene – ug/m ³ | NS | NS | NS | 290 | n |
| Trichlorofluoromethane (Halcarbon 11) – ug/m ³ | NS | NS | NS | NA | - |
| Trimethylbenzene (1,2,4) – ug/m ³ | 2.5 | 2.8 | 4.5 | 8700 | n |
| Trimethylbenzene (1,3,5) – ug/m ³ | 1.7 | 1.5 | 2.2 | 8700 | n |
| Vinyl chloride – ug/m ³ | NS | NS | NS | 930 | c |
| Xylene (total) -ug/m ³ | 4.5 | 4.5 | 5.7 | 15000 | n |

ug/m³ = Micrograms per cubic meter.

< = Less than the reporting limit indicated in parentheses.

Bold = Sub-Slab Standard Exceedance

NS = Not sampled

c = Carcinogen

n = Non Carcinogen

J = between Limit of Detection (LOD) and Limit of Quantitation (LOQ)

*** Please note that other VOCs were detected that are not on the WDNR Sub-Slab Vapor Action Levels Quick Look-Up Table.**

B = Compound was found in the blank and sample

E = Result exceeded calibration range

A.6 Water Level Elevations
Korth Property LUST Site BRRT'S# 03-45-002078
Appleton, Wisconsin

| | MW-1 | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 |
|------------------------------------|--------|--------|--------|--------|--------|--------|
| Ground Surface (feet msl) | 813.53 | 813.31 | 813.90 | 814.33 | 813.94 | 813.34 |
| PVC top (feet msl) | 813.02 | 812.89 | 813.47 | 813.79 | 813.30 | 812.74 |
| Well Depth (feet) | 13.00 | 13.00 | 13.00 | 13.00 | 13.00 | 13.00 |
| Top of screen (feet msl) | 810.53 | 810.31 | 810.90 | 811.33 | 810.94 | 810.34 |
| Bottom of screen (feet msl) | 800.53 | 800.31 | 800.90 | 801.33 | 800.94 | 800.34 |

Depth to Water From Top of PVC (feet)

| | | | | | | |
|-----------------|------|------|------|------|------|------|
| 09/20/17 | 3.65 | 4.56 | 3.98 | 4.86 | 4.46 | NI |
| 12/14/17 | 4.27 | 4.87 | 4.78 | 5.29 | 4.55 | NI |
| 08/28/18 | 3.82 | 3.60 | 2.62 | 4.20 | 2.21 | NI |
| 11/27/18 | 2.87 | 4.15 | 3.05 | 3.35 | 3.42 | 2.00 |
| 09/19/19 | 1.52 | 3.58 | 1.65 | 2.89 | 2.68 | 1.71 |

Depth to Water From Ground Surface (feet)

| | | | | | | |
|-----------------|------|------|------|------|------|------|
| 09/20/17 | 4.16 | 4.98 | 4.41 | 5.40 | 5.10 | NI |
| 12/14/17 | 4.78 | 5.29 | 5.21 | 5.83 | 5.19 | NI |
| 08/28/18 | 4.33 | 4.02 | 3.05 | 4.74 | 2.85 | NI |
| 11/27/18 | 3.38 | 4.57 | 3.48 | 3.89 | 4.06 | 2.60 |
| 09/19/19 | 2.03 | 4.00 | 2.08 | 3.43 | 3.32 | 2.31 |

Groundwater Elevation (feet msl)

| | | | | | | |
|-----------------|--------|--------|--------|--------|--------|--------|
| 09/20/17 | 809.37 | 808.33 | 809.49 | 808.93 | 808.84 | NI |
| 12/14/17 | 808.75 | 808.02 | 808.69 | 808.50 | 808.75 | NI |
| 08/28/18 | 809.20 | 809.29 | 810.85 | 809.59 | 811.09 | NI |
| 11/27/18 | 810.15 | 808.74 | 810.42 | 810.44 | 809.88 | 810.74 |
| 09/19/19 | 811.50 | 809.31 | 811.82 | 810.90 | 810.62 | 811.03 |

CNL = Could Not Locate

A = Abandoned and removed during soil excavation project

NI = Not Installed

A.7 Other
Groundwater NA Indicator Results
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-1

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|---------|----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 9/20/2017 | 2.47 | 6.70 | 28.10 | 19.81 | 2271 | <0.17 | 21.7 | 0.22 | 2330 |
| 12/14/2017 | 0.30 | 6.81 | 36.00 | 11.80 | 2767 | NS | NS | NS | NS |
| 8/28/2018 | 2.51 | 6.79 | -113.70 | 21.31 | 1931 | NS | NS | NS | NS |
| 11/27/2018 | 2.97 | 7.64 | 42.80 | 10.93 | 2203 | NS | NS | NS | NS |
| 9/19/2019 | 3.57 | 7.97 | 113.60 | 21.41 | 105 | NS | NS | NS | NS |
| ENFORCE MENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|---------|----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 9/20/2017 | 2.14 | 6.84 | -125.80 | 18.89 | 783 | <0.17 | 9.56 | 0.1 | 1070 |
| 12/14/2017 | 1.70 | 6.91 | 36.00 | 13.0 | 949 | NS | NS | NS | NS |
| 8/28/2018 | 2.49 | 6.85 | -113.60 | 20.86 | 941 | NS | NS | NS | NS |
| 11/27/2018 | 3.07 | 7.84 | 25.20 | 11.17 | 922 | NS | NS | NS | NS |
| 9/19/2019 | 3.59 | 7.55 | -7.78 | 19.86 | 985 | NS | NS | NS | NS |
| ENFORCE MENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|---------|----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 9/20/2017 | 2.77 | 6.95 | -82.6 | 18.39 | 1441 | <0.17 | 3.98 | 0.1 | 1170 |
| 12/14/2017 | 0.47 | 6.73 | -78.00 | 13.0 | 1769 | NS | NS | NS | NS |
| 8/28/2018 | 2.41 | 6.91 | -117.20 | 23.32 | 995 | NS | NS | NS | NS |
| 11/27/2018 | 3.16 | 7.83 | 30.60 | 9.53 | 938 | NS | NS | NS | NS |
| 9/19/2019 | 0.21 | 7.34 | 123.30 | 20.76 | 845 | NS | NS | NS | NS |
| ENFORCE MENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Groundwater NA Indicator Results
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-4

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|---------|-----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 9/20/2017 | 2.54 | 6.82 | 16.3 | 18.34 | 1248 | <0.17 | 6.58 | 0.15 | 1420 |
| 12/14/2017 | 0.50 | 6.55 | 28 | 12.8 | 1498 | NS | NS | NS | NS |
| 8/28/2018 | 2.70 | 6.73 | -119.10 | 18.61 | 1654 | NS | NS | NS | NS |
| 11/27/2018 | 3.02 | 7.88 | 32.10 | 10.98 | 29.4 | NS | NS | NS | NS |
| 9/19/2019 | 1.22 | 7.13 | 166.80 | 18.34 | 1427 | NS | NS | NS | NS |
| ENFORCE MENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|--------|-----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 9/20/2017 | 2.09 | 6.91 | 60.90 | 16.07 | 702 | <0.17 | 14.2 | 0.11 | 732 |
| 12/14/2017 | 1.70 | 6.91 | 36 | 13.0 | 949 | NS | NS | NS | NS |
| 8/28/2018 | 2.69 | 6.68 | 23.00 | 18.56 | 806 | NS | NS | NS | NS |
| 11/27/2018 | 3.03 | 7.85 | 38.40 | 11.13 | 781 | NS | NS | NS | NS |
| 9/19/2019 | 1.42 | 7.31 | 204.10 | 17.24 | 847 | NS | NS | NS | NS |
| ENFORCE MENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp (C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | Manganese (ppb) |
|--|------------------------|------|--------|-----------|----------------------|-------------------------|---------------------|----------------------|-----------------|
| 11/27/2018 | 3.29 | 8.44 | -0.6 | 7.48 | 639 | NS | NS | NS | NS |
| 9/19/2019 | 4.85 | 8.03 | 172.90 | 21.17 | 44+A1 | NS | NS | NS | NS |
| ENFORCE MENT STANDARD = ES – Bold | | | | | | 10 | - | - | 300 |
| PREVENTIVE ACTION LIMIT = PAL - Italics | | | | | | 2 | - | - | 60 |

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:
Other: _____

| | | | | |
|---|---------------------|---|---|---------------------------------|
| Facility / Project Name Korth Property | | License / Permit / Monitoring Number | | Boring Number G-25 |
| Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil and Samples, LLC | | Drilling Date Started 08/01/2019 MM/ DD/ YYYY | Drilling Date Completed 08/01/2019 MM/ DD/ YYYY | Drilling Method Geoprobe |
| WI Unique Well No. | DNR Well ID No. | Well Name | Final Static Water Level | Surface Elevation 810 ft msl |
| | | | | Borehole Diameter 2" |
| Local Grid Origin (estimated X) or Boring Location State Plane N, E SW ¼ of SW ¼ of Section 27, T21N, R17E | | | Local Grid Location Lat 44° 15' 46.60" Long 88° 25' 56.91" Feet S Feet W | |
| Facility ID NONE | County Outagamie | County Code 45 | Civil Town / City / Village City of Appleton | |

| Sample | | | | Soil Properties | | | | | | | | | | |
|----------------------|------------------------------|-------------|--------------------------------------|---|------|-------------|--------------|-----------|----------------------|------------------|--------------|------------------|-------|----------------|
| Number & Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (below ground surface) | Soil / Rock Description And Geologic Origin For Each Major Unit | USCS | Graphic Log | Well Diagram | PID / FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD / Comments |
| G-25-1 (3.5 feet) | 48 12 | | 2 | Asphalt | | | | | | | | | | |
| | | | 4 | Brown to black clay | CL | | | 20.5 | | M | | | | Petro odor |
| | | | 6 | EOB @ 4 Feet. Borehole abandoned. | | | | | | | | | | |
| | | | 8 | | | | | | | | | | | |
| | | | 10 | | | | | | | | | | | |
| | | | 12 | | | | | | | | | | | |
| | | | 14 | | | | | | | | | | | |
| | | | 16 | | | | | | | | | | | |

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

Signature: *[Handwritten Signature]*

Firm: **METCO**

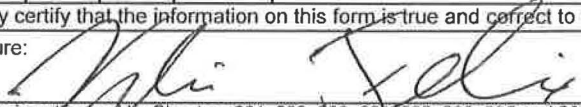
This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally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

Route To: _____ Watershed / Wastewater: _____ Waste Management: _____
Remediation / Redevelopment: **X** Other: _____

| | | | | | |
|---|--|---|--|--|--|
| Facility / Project Name Korth Property | | License / Permit / Monitoring Number | | Boring Number HA-1 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil and Samples, LLC | | Drilling Date Started 08/01/2019 MM/DD/YYYY | | Drilling Date Completed 08/01/2019 MM/DD/YYYY | |
| Drilling Method Hand Auger | | Final Static Water Level | | Surface Elevation 810 ft msl | |
| Well Name | | Borehole Diameter 2" | | | |
| Local Grid Origin (estimated X) or Boring Location | | Local Grid Location | | | |
| State Plane N, E | | Lat 44° 15' 46.60" | | N E | |
| SW ¼ of SW ¼ of Section 27, T21N, R17E | | Long 88° 25' 56.91" | | Feet S Feet W | |
| Facility ID NONE | | County Outagamie | | County Code 45 | |
| | | | | Civil Town / City / Village City of Appleton | |

| Number & Type | Sample | | | | Soil Properties | | | | | | | | | | RQD / Comments |
|--------------------|------------------------------|-------------|--------------------------------------|---|-----------------|-------------|--------------|-----------|----------------------|------------------|--------------|------------------|-------|------------|----------------|
| | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (below ground surface) | Soil / Rock Description And Geologic Origin For Each Major Unit | USCS | Graphic Log | Well Diagram | PID / FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | | |
| HA-1-1 (3 feet) | | | 2 | Concrete | | | | | | | | | | | |
| | | | 3 | Brown to black sandy clay with organics | CL | | | 501.7 | | M | | | | Petro odor | |
| | | | 4 | EOB @ 3 Feet. Borehole abandoned. | | | | | | | | | | | |
| | | | 6 | | | | | | | | | | | | |
| | | | 8 | | | | | | | | | | | | |
| | | | 10 | | | | | | | | | | | | |
| | | | 12 | | | | | | | | | | | | |
| | | | 14 | | | | | | | | | | | | |
| | | | 16 | | | | | | | | | | | | |

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

Signature: 

Firm: **METCO**

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:

Watershed / Wastewater:
Remediation / Redevelopment:

Waste Management:

Other:

| | | | | | |
|---|--|---|--|---|--|
| Facility / Project Name Korth Property | | License / Permit / Monitoring Number | | Boring Number HA-2 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Geiss Soil and Samples, LLC | | Drilling Date Started 08/01/2019 MM/ DD/ YYYY | | Drilling Date Completed 08/01/2019 MM/ DD/ YYYY | |
| WI Unique Well No. DNR Well ID No. Well Name | | Final Static Water Level | | Surface Elevation 810 ft msl | |
| Local Grid Origin (estimated X) or Boring Location State Plane N, E SW ¼ of SW ¼ of Section 27, T21N, R17E | | Lat 44° 15' 46.60" Long 88° 25' 56.91" | | Local Grid Location N E Feet S Feet W | |
| Facility ID NONE | | County Outagamie | | County Code 45 | |
| | | | | Civil Town / City / Village City of Appleton | |

| Sample | | | | Soil Properties | | | | | | | | | | |
|--------------------|------------------------------|-------------|--------------------------------------|---|---------|-------------|--------------|-----------|----------------------|------------------|--------------|------------------|-------|----------------|
| Number & Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (below ground surface) | Soil / Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID / FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD / Comments |
| HA-2-1 (3 feet) | | | 2 | Concrete | | | | | | | | | | |
| | | | 3 | Brown clay with organics | CL | | | 516 | | M | | | | Petro odor |
| | | | 4 | EOB @ 3 Feet. Borehole abandoned. | | | | | | | | | | |
| | | | 6 | | | | | | | | | | | |
| | | | 8 | | | | | | | | | | | |
| | | | 10 | | | | | | | | | | | |
| | | | 12 | | | | | | | | | | | |
| | | | 14 | | | | | | | | | | | |
| | | | 16 | | | | | | | | | | | |

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

Signature: *[Handwritten Signature]*

Firm: **METCO**

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

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

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

| | | | | | | | |
|--|--|---|--|--|--|---|--|
| 1. Well Location Information | | | | 2. Facility / Owner Information | | | |
| County OUTAGAMIE | | WI Unique Well # of Removed Well _____ | | Hicap # _____ | | Facility Name Korth Property | |
| Latitude / Longitude (Degrees and Minutes) 44 ° 15 ' N 88 ° 25 ' W | | | | Method Code (see instructions) _____ | | | |
| Facility ID (FID or PWS) NONE | | License/Permit/Monitoring # _____ | | Original Well Owner Robert Korth | | Present Well Owner Robert Korth | |
| 1/4 SW or Gov't Lot # | | Section 27 | | Township 21 N | | Range 17 <input checked="" type="checkbox"/> E <input type="checkbox"/> W | |
| Well Street Address 1629 W Washington Street | | | | Mailing Address of Present Owner N2982 Steeple Drive | | | |
| Well City, Village or Town Appleton | | | | Well ZIP Code 54913- | | | |
| Subdivision Name | | | | City of Present Owner Appleton | | State ZIP Code WI 54913- | |

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| Reason For Removal From Service Sampling Complete | | WI Unique Well # of Replacement Well _____ | | 4. Pump, Liner, Screen, Casing & Sealing Material | | | |
| 3. Well / Drillhole / Borehole Information | | | | Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | | Original Construction Date (mm/dd/yyyy) 8/1/2019 | | Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| Construction Type: | | If a Well Construction Report is available, please attach. | | Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe | | | | Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| Formation Type: | | | | Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | | | Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | | |
| Total Well Depth From Ground Surface (ft.) 4 | | Casing Diameter (in.) _____ | | Did material settle after 24 hours? If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| Lower Drillhole Diameter (in.) 2 | | Casing Depth (ft.) _____ | | If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | Depth to Water (feet) _____ | | Required Method of Placing Sealing Material | | | |
| If yes, to what depth (feet)? _____ | | | | <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity | | | |

| | | | | | | | |
|--|--|------------------------------|--|--|--|---|--|
| 5. Material Used To Fill Well / Drillhole | | | | Sealing Materials | | | |
| Medium Bentonite Chips | | From (ft.) Surface | | To (ft.) 4 | | pounds 6 | |
| | | | | | | <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips | |
| 6. Comments G-25 Abandoned by Geiss Soil & Samples LLC. under METCO supervision | | | | For Monitoring Wells and Monitoring Well Boreholes Only: | | | |
| | | | | <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | |

| | | | | | | | |
|---|--|---|--|---|--|-------------------------------|--|
| 7. Supervision of Work | | | | DNR Use Only | | | |
| Name of Person or Firm Doing Filling & Sealing Kaylin Felix (METCO) | | License # _____ | | Date of Filling & Sealing (mm/dd/yyyy) 8/1/2019 | | Date Received _____ | |
| Street or Route 709 Gillette Street Suite 3 | | Telephone Number (608) 781-8879 | | Comments _____ | | Noted By _____ | |
| City La Crosse | | State ZIP Code WI 54603- | | Signature of Person Doing Work <i>Kaylin Felix</i> | | Date Signed 9/18/19 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

| | | | | | | | |
|--|--|----------------------------------|--|--|--|---|--|
| 1. Well Location Information | | | | 2. Facility / Owner Information | | | |
| County OUTAGAMIE | | WI Unique Well # of Removed Well | | Hicap # | | Facility Name Korth Property | |
| Latitude / Longitude (Degrees and Minutes) 44 ° 15 ' N 88 ° 25 ' W | | | | Method Code (see instructions) | | | |
| 1/4 SW or Gov't Lot # | | Section 27 | | Township 21 N | | Range 17 <input checked="" type="checkbox"/> E <input type="checkbox"/> W | |
| Well Street Address 1629 W Washington Street | | | | Original Well Owner Robert Korth | | | |
| Well City, Village or Town Appleton | | | | Present Well Owner Robert Korth | | | |
| Subdivision Name | | | | Mailing Address of Present Owner N2982 Steeple Drive | | | |
| Reason For Removal From Service Sampling Complete | | | | City of Present Owner Appleton | | | |
| WI Unique Well # of Replacement Well | | | | State WI | | ZIP Code 54913- | |

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 3. Well / Drillhole / Borehole Information | | | | 4. Pump, Liner, Screen, Casing & Sealing Material | | | |
| <input type="checkbox"/> Monitoring Well | | Original Construction Date (mm/dd/yyyy) 8/1/2019 | | Pump and piping removed? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> Water Well | | If a Well Construction Report is available, please attach. | | Liner(s) removed? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | | | Screen removed? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Construction Type: | | | | Casing left in place? | | | |
| <input type="checkbox"/> Drilled | | <input type="checkbox"/> Driven (Sandpoint) | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | Was casing cut off below surface? | |
| <input checked="" type="checkbox"/> Other (specify): Hand Auger | | <input type="checkbox"/> Dug | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | Did sealing material rise to surface? | |
| Formation Type: | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input checked="" type="checkbox"/> Unconsolidated Formation | | <input type="checkbox"/> Bedrock | | Did material settle after 24 hours? | | | |
| Total Well Depth From Ground Surface (ft.) 3 | | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | | |
| Lower Drillhole Diameter (in.) 2 | | | | If yes, was hole retopped? | | | |
| Casing Diameter (in.) | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| Casing Depth (ft.) | | | | If bentonite chips were used, were they hydrated with water from a known safe source? | | | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | | |
| If yes, to what depth (feet)? | | | | Required Method of Placing Sealing Material | | | |
| Depth to Water (feet) | | | | <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped | | | |
| | | | | <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity | | | |

| | | | | | | | |
|--|--|----------|--|--|--|--|--|
| 5. Material Used To Fill Well / Drillhole | | | | Sealing Materials | | | |
| From (ft.) | | To (ft.) | | pounds | | | |
| Surface | | 3 | | 6 | | | |
| Medium Bentonite Chips | | | | <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) | | | |
| | | | | <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " | | | |
| | | | | <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips | | | |
| | | | | For Monitoring Wells and Monitoring Well Boreholes Only: | | | |
| | | | | <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout | | | |
| | | | | <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | |

| | | | |
|--|--|--|--|
| 6. Comments | | | |
| HA-1 Abandoned by Geiss Soil & Samples LLC. under METCO supervision | | | |

| | | | | | |
|---|--|---------------------------|--|---|--|
| 7. Supervision of Work | | | | DNR Use Only | |
| Name of Person or Firm Doing Filling & Sealing Kaylin Felix (METCO) | | License # | | Date Received | |
| Date of Filling & Sealing (mm/dd/yyyy) 8/1/2019 | | Noted By | | | |
| Street or Route 709 Gillette Street Suite 3 | | | | Telephone Number (608) 781-8879 | |
| City La Crosse | | | | Comments | |
| State WI | | ZIP Code 54603- | | Signature of Person Doing Work <i>Kaylin Felix</i> | |
| | | | | Date Signed 8/18/19 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

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

1. Well Location Information **2. Facility / Owner Information**

| | | | |
|---|---|------------------|--|
| County OUTAGAMIE | WI Unique Well # of Removed Well _____ | Hicap # _____ | Facility Name Korth Property |
| Latitude / Longitude (Degrees and Minutes) 44 ° 15 ' N | Method Code (see instructions) _____ | | Facility ID (FID or PWS) NONE |
| 88 ° 25 ' W | _____ | | License/Permit/Monitoring # _____ |
| 1/4 SW 1/4 SW Section or Gov't Lot # 27 | Township 21 N | Range 17 | Original Well Owner Robert Korth |
| Well Street Address 1629 W Washington Street | | | Present Well Owner Robert Korth |
| Well City, Village or Town Appleton | | | Mailing Address of Present Owner N2982 Steeple Drive |
| Subdivision Name | | | City of Present Owner State ZIP Code Appleton WI 54913- |
| Reason For Removal From Service Sampling Complete | | | WI Unique Well # of Replacement Well _____ |

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

| | | |
|---|--|--|
| <input type="checkbox"/> Monitoring Well | Original Construction Date (mm/dd/yyyy) 8/1/2019 | Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Water Well | If a Well Construction Report is available, please attach. | Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug | | Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> Other (specify): Hand Auger | | Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| Total Well Depth From Ground Surface (ft.) 3 | Casing Diameter (in.) _____ | Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| Lower Drillhole Diameter (in.) 2 | Casing Depth (ft.) _____ | If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | Depth to Water (feet) _____ | If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |

| 5. Material Used To Fill Well / Drillhole | From (ft.) | To (ft.) | pounds |
|---|------------|----------|--------|
| Medium Bentonite Chips | Surface | 3 | 6 |
| | | | |
| | | | |

6. Comments
HA-2 Abandoned by Geiss Soil & Samples LLC. under METCO supervision

| | | | | |
|--|--------------------|--|---|------------------------|
| 7. Supervision of Work | | | DNR Use Only | |
| Name of Person or Firm Doing Filling & Sealing Kaylin Felix (METCO) | License # _____ | Date of Filling & Sealing (mm/dd/yyyy) 8/1/2019 | Date Received _____ | Noted By _____ |
| Street or Route 709 Gillette Street Suite 3 | | Telephone Number (608) 781-8879 | Comments _____ | |
| City La Crosse | State WI | ZIP Code 54603- | Signature of Person Doing Work <i>Kaylin Felix</i> | Date Signed 9/18/19 |

Project No.: B1909352

Sample ID: SS-1

Project Name: Korth Property

Date: 9-19-19

Location: 1629 W. Washington St.
Appleton, WI 54914

Personnel: David Bradshaw

Radon or VOC mitigation system in building? Present Operating

Equipment

- Air canister & connectors
- Air Chain-of-Custody form
- Hammer drill and bit(s)
- Extension cord

- Shut-in Test assembly
- Vapor Pin® kit
- Vapor Pin® toolbox
- PID # 0014

- Covers (permanent installation)
- Shop-Vac / broom & dustpan
- Concrete patch

Vapor Pin® Installation

Installation Date: 9-19-19

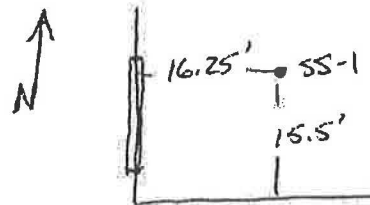
Sketch of pin location with measurements to walls:

Installation Type:

- Temporary
- Permanent

- Stainless steel cover Traffic area
- Plastic cover

Concrete Thickness (inches): 6"



Concrete patch (if temporary) no

Soil Vapor Sampling

Relative sub-slab pressure (±pascals): 0.000 psi

Canister Vacuum on Label ("Hg): -30

Water dam test passed

Canister Initial Vacuum ("Hg): -28

Shut-in test passed

Do not use the canister if the difference between the label and initial vacuum is >4"Hg or if the initial is <25"Hg.

Purged 200 mL air prior to sampling

Collection Start Time: 11:41:30

Sampling Canister ID: 0044

- 1 Liter
- 6 Liters

The final vacuum must be <5"Hg or at least 20"Hg less than the initial vacuum.

Flow Controller ID: FC 1830

- None
- 200 mL/min

Canister Final Vacuum ("Hg): -2

Collection End Time: 12:21:00

PID Reading (ppm): 0.6

Notes:

PVOC / Naphthalene

Project No.: B1909352

Sample ID: SS-2

Project Name: Korth Property

Date: 9-19-19

Location: 1629 W. Washington St.
Appleton, WI 54914

Personnel: David Bradshaw

Radon or VOC mitigation system in building? Present Operating

Equipment

- | | | |
|---|---|---|
| <input type="checkbox"/> Air canister & connectors | <input checked="" type="checkbox"/> Shut-in Test assembly | <input checked="" type="checkbox"/> Covers (permanent installation) |
| <input type="checkbox"/> Air Chain-of-Custody form | <input checked="" type="checkbox"/> Vapor Pin® kit | <input checked="" type="checkbox"/> Shop-Vac / broom & dustpan |
| <input checked="" type="checkbox"/> Hammer drill and bit(s) | <input checked="" type="checkbox"/> Vapor Pin® toolbox | <input type="checkbox"/> Concrete patch |
| <input checked="" type="checkbox"/> Extension cord | <input type="checkbox"/> PID # <u>0014</u> | |

Vapor Pin® Installation

Installation Date: 9-19-19

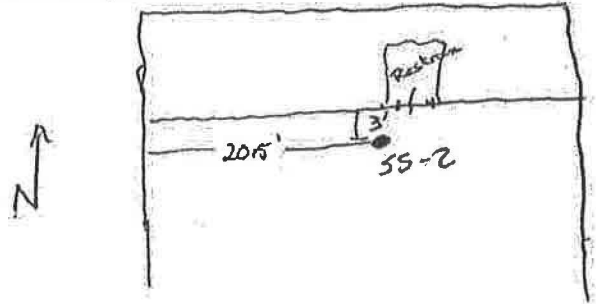
Installation Type:

- Temporary
 Permanent
 Stainless steel cover
 Plastic cover

Concrete Thickness (inches): 4"

Concrete patch (if temporary) No

Sketch of pin location with measurements to walls:



Soil Vapor Sampling

Relative sub-slab pressure (\pm pascals): 0.0

- Water dam test passed
 Shut-in test passed
 Purged 200 mL air prior to sampling

Sampling Canister ID: 0134
 1 Liter 6 Liters

Flow Controller ID: FC0776
 None 200 mL/min

Canister Vacuum on Label ("Hg): -30

Canister Initial Vacuum ("Hg): -29

Do not use the canister if the difference between the label and initial vacuum is >4 "Hg or if the initial is <25 "Hg.

Collection Start Time: 12:03:20

The final vacuum must be <5 "Hg or at least 20"Hg less than the initial vacuum.

Canister Final Vacuum ("Hg): -3

Collection End Time: 12:40:30

PID Reading (ppm): 0.3

Notes:

PVOC / Naph.

Project No.: B1909352 Sample ID: SS-3
Project Name: Korth Property Date: 9-19-19
Location: 1629 W. Washington St. Personnel: David Bradshaw
Appleton, WI 54914
Radon or VOC mitigation system in building? Present Operating

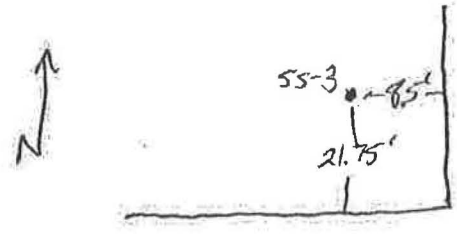
Equipment

- Air canister & connectors
- Air Chain-of-Custody form
- Hammer drill and bit(s)
- Extension cord
- Shut-in Test assembly
- Vapor Pin® kit
- Vapor Pin® toolbox
- PID # 0014
- Covers (permanent installation)
- Shop-Vac / broom & dustpan
- Concrete patch

Vapor Pin® Installation

Installation Date: 9-19-19
Installation Type:
 Temporary
 Permanent
 Stainless steel cover
 Plastic cover
Concrete Thickness (Inches): 6"
 Concrete patch (if temporary) No

Sketch of pin location with measurements to walls:



Soil Vapor Sampling

Relative sub-slab pressure (±pascals): 0.0
 Water dam test passed
 Shut-in test passed
 Purged 200 mL air prior to sampling
Sampling Canister ID: 0624
1550(-23) Not used
 1 Liter 6 Liters
Flow Controller ID: FC0705 Not used
 None 200 mL/min
FC0835

Canister Vacuum on Label ("Hg): -30
Canister Initial Vacuum ("Hg): -29
Do not use the canister if the difference between the label and initial vacuum is >4"Hg or if the initial is <25"Hg.
Collection Start Time: 11:56:00
The final vacuum must be <5"Hg or at least 20"Hg less than the initial vacuum.
Canister Final Vacuum ("Hg): -4
Collection End Time: 12:31:00
PID Reading (ppm): 5.7

Notes:

PVOC / Naph.

Synergy Environmental Lab,

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

ROBERT KORTH
 ROBERT KORTH
 N2982 STEEPLE DRIVE
 APPLETON, WI54913

Report Date 14-Aug-19

Project Name KORTH PROPERTY
 Project #

Invoice # E36569

Lab Code 5036569A
 Sample ID G-25-1
 Sample Matrix Soil
 Sample Date 8/1/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|----------|-------|-------|-------|-----|------------|----------|-----------|---------|------|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 82.7 | % | | | 1 | 5021 | | 8/2/2019 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.018 | 0.056 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.014 | 0.045 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |
| Naphthalene | 1.95 | mg/kg | 0.025 | 0.01 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |
| Toluene | 0.05 "J" | mg/kg | 0.013 | 0.055 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | 0.2 | mg/kg | 0.015 | 0.048 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | 0.143 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |
| m&p-Xylene | 0.211 | mg/kg | 0.026 | 0.083 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |
| o-Xylene | 0.078 | mg/kg | 0.013 | 0.056 | 1 | GRO95/8021 | | 8/13/2019 | CJR | 1 |

Project #

Lab Code 5036569B
 Sample ID HA-1-1
 Sample Matrix Soil
 Sample Date 8/1/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|----------|-------|------|------|-----|------------|----------|----------|---------|------|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 86.5 | % | | | 1 | 5021 | | 8/2/2019 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.25 | mg/kg | 0.18 | 0.56 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| Ethylbenzene | 9.4 | mg/kg | 0.15 | 0.47 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.25 | mg/kg | 0.14 | 0.45 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| Naphthalene | 21.4 | mg/kg | 0.25 | 0.1 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| Toluene | 0.37 "J" | mg/kg | 0.13 | 0.55 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | 9.7 | mg/kg | 0.15 | 0.48 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | 7.3 | mg/kg | 0.11 | 0.36 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| m&p-Xylene | 7.7 | mg/kg | 0.26 | 0.83 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| o-Xylene | 0.72 | mg/kg | 0.13 | 0.56 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |

Lab Code 5036569C
 Sample ID HA-2-1
 Sample Matrix Soil
 Sample Date 8/1/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|-----------|-------|------|------|-----|------------|----------|----------|---------|------|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 85.2 | % | | | 1 | 5021 | | 8/2/2019 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.25 | mg/kg | 0.18 | 0.56 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| Ethylbenzene | 0.259 "J" | mg/kg | 0.15 | 0.47 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.25 | mg/kg | 0.14 | 0.45 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| Naphthalene | 7.4 | mg/kg | 0.25 | 0.1 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| Toluene | < 0.25 | mg/kg | 0.13 | 0.55 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | 1.33 | mg/kg | 0.15 | 0.48 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | 0.89 | mg/kg | 0.11 | 0.36 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| m&p-Xylene | 0.92 | mg/kg | 0.26 | 0.83 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |
| o-Xylene | < 0.25 | mg/kg | 0.13 | 0.56 | 10 | GRO95/8021 | | 8/8/2019 | CJR | 1 |

Project Name KORTH PROPERTY

Invoice # E36569

Project #

Lab Code 5036569D

Sample ID MB

Sample Matrix Soil

Sample Date 8/1/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|---------|-------|-------|-------|-----|------------|----------|----------|---------|------|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.018 | 0.056 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.014 | 0.045 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.025 | 0.01 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |
| Toluene | < 0.025 | mg/kg | 0.013 | 0.055 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.015 | 0.048 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.026 | 0.083 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.013 | 0.056 | 1 | GRO95/8021 | | 8/7/2019 | CJR | 1 |

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

| Code | Comment |
|------|------------------------------|
| 1 | Laboratory QC within limits. |

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

Authorized Signature

Michael Ricker

Synergy

Environmental Lab, Inc.

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

Sample Handling Request

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

Normal Turn Around

Lab I.D. # _____
Account No. : _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Kelli Fick*

Project (Name / Location): *Korsh Property / Appleton, WI*
Reports To: *Robert Korsh* Invoice To: *Robert Korsh*
Company: _____ Company: *40 METCO*
Address: *N2092 Steeple Drive* Address: *701 Gillette St. Ste 3*
City State Zip: *Appleton, WI 54913* City State Zip: *La Crosse, WI 54603*
Phone: _____ Phone: *608-781-8879*
FAX: _____ FAX: _____

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

| Lab I.D. | Sample I.D. | Collection Date | Time | Comp | Grab | Filtered Y/N | No. of Containers | Sample Type (Matrix)* | Preservation |
|----------|-------------|-----------------|------|------|------|--------------|-------------------|-----------------------|--------------|
| S036569A | G-25-1 | 8/1/19 | 8:00 | | X | N | 2 | S | MEOH/None |
| B | HA-1-1 | ↓ | 9:00 | | X | N | 2 | S | ↓ |
| C | HA-2-1 | ↓ | 9:30 | | X | N | 2 | S | ↓ |
| D | MB | - | - | | - | - | 1 | - | MEOH |

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)
Lab to send copy of report to METCO / Jason P. (Invoice to METCO)
**OTE Rates Apply* **Agent States*

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

Relinquished By: (sign) *[Signature]* Time: *11:04* Date: *8-1-19*
Received By: (sign) _____ Time: *8:00* Date: *8/2/19*

Received in Laboratory By: *[Signature]* Time: _____ Date: _____



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

September 27, 2019

Nicholas Stingl
Braun Intertec
2309 Palace Sreet
La Crosse, WI 54603

RE: Project: B1909352 Korth Property
Pace Project No.: 10492472

Dear Nicholas Stingl:

Enclosed are the analytical results for sample(s) received by the laboratory on September 20, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Bob Michels
bob.michels@pacelabs.com
(612)709-5046
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: B1909352 Korth Property
Pace Project No.: 10492472

Minnesota Certification IDs

| | |
|---|--|
| 1700 Elm Street SE, Minneapolis, MN 55414-2485 | Minnesota Dept of Ag Certification #: via MN 027-053-137 |
| A2LA Certification #: 2926.01 | Minnesota Petrofund Certification #: 1240 |
| Alabama Certification #: 40770 | Mississippi Certification #: MN00064 |
| Alaska Contaminated Sites Certification #: 17-009 | Missouri Certification #: 10100 |
| Alaska DW Certification #: MN00064 | Montana Certification #: CERT0092 |
| Arizona Certification #: AZ0014 | Nebraska Certification #: NE-OS-18-06 |
| Arkansas DW Certification #: MN00064 | Nevada Certification #: MN00064 |
| Arkansas WW Certification #: 88-0680 | New Hampshire Certification #: 2081 |
| California Certification #: 2929 | New Jersey Certification #: MN002 |
| CNMI Saipan Certification #: MP0003 | New York Certification #: 11647 |
| Colorado Certification #: MN00064 | North Carolina DW Certification #: 27700 |
| Connecticut Certification #: PH-0256 | North Carolina WW Certification #: 530 |
| EPA Region 8+Wyoming DW Certification #: via MN 027-053-137 | North Dakota Certification #: R-036 |
| Florida Certification #: E87605 | Ohio DW Certification #: 41244 |
| Georgia Certification #: 959 | Ohio VAP Certification #: CL101 |
| Guam EPA Certification #: MN00064 | Oklahoma Certification #: 9507 |
| Hawaii Certification #: MN00064 | Oregon Primary Certification #: MN300001 |
| Idaho Certification #: MN00064 | Oregon Secondary Certification #: MN200001 |
| Illinois Certification #: 200011 | Pennsylvania Certification #: 68-00563 |
| Indiana Certification #: C-MN-01 | Puerto Rico Certification #: MN00064 |
| Iowa Certification #: 368 | South Carolina Certification #:74003001 |
| Kansas Certification #: E-10167 | Tennessee Certification #: TN02818 |
| Kentucky DW Certification #: 90062 | Texas Certification #: T104704192 |
| Kentucky WW Certification #: 90062 | Utah Certification #: MN00064 |
| Louisiana DEQ Certification #: 03086 | Vermont Certification #: VT-027053137 |
| Louisiana DW Certification #: MN00064 | Virginia Certification #: 460163 |
| Maine Certification #: MN00064 | Washington Certification #: C486 |
| Maryland Certification #: 322 | West Virginia DEP Certification #: 382 |
| Massachusetts Certification #: M-MN064 | West Virginia DW Certification #: 9952 C |
| Michigan Certification #: 9909 | Wisconsin Certification #: 999407970 |
| Minnesota Certification #: 027-053-137 | Wyoming UST Certification #: via A2LA 2926.01 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: B1909352 Korth Property
Pace Project No.: 10492472

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|----------------------|--------|----------------|----------------|
| 10492472001 | SS-1 | Air | 09/19/19 12:21 | 09/20/19 11:00 |
| 10492472002 | SS-2 | Air | 09/19/19 12:40 | 09/20/19 11:00 |
| 10492472003 | SS-3 | Air | 09/19/19 12:31 | 09/20/19 11:00 |
| 10492472004 | UNUSED CAN PACE 1550 | Air | | 09/20/19 11:00 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: B1909352 Korth Property
Pace Project No.: 10492472

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-----------|--------|----------|-------------------|------------|
| 10492472001 | SS-1 | TO-15 | AFV | 17 | PASI-M |
| 10492472002 | SS-2 | TO-15 | AFV | 17 | PASI-M |
| 10492472003 | SS-3 | TO-15 | AFV | 17 | PASI-M |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: B1909352 Korth Property
 Pace Project No.: 10492472

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|--------------------------------|---------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 10492472001 | SS-1 | | | | | |
| TO-15 | Benzene | 0.74 | ug/m3 | 0.47 | 09/25/19 23:51 | |
| TO-15 | Ethylbenzene | 2.2 | ug/m3 | 1.3 | 09/25/19 23:51 | |
| TO-15 | Toluene | 3.9 | ug/m3 | 1.1 | 09/25/19 23:51 | |
| TO-15 | 1,2,4-Trimethylbenzene | 2.5 | ug/m3 | 1.4 | 09/25/19 23:51 | |
| TO-15 | 1,3,5-Trimethylbenzene | 1.7 | ug/m3 | 1.4 | 09/25/19 23:51 | |
| TO-15 | m&p-Xylene | 3.1 | ug/m3 | 2.5 | 09/25/19 23:51 | |
| TO-15 | o-Xylene | 1.4 | ug/m3 | 1.3 | 09/25/19 23:51 | |
| TO-15 | 3.019:Unknown | 28.9J | ppbv | | 09/25/19 23:51 | |
| TO-15 | 5.092:1-Butanol | 0.91J | ppbv | | 09/25/19 23:51 | N |
| TO-15 | 11.463:1-Hexanol, 2-ethyl- | 3.5J | ppbv | | 09/25/19 23:51 | N |
| TO-15 | 12.195:Unknown | 1.5J | ppbv | | 09/25/19 23:51 | |
| TO-15 | 12.408:1-Octanol, 2-butyl- | 0.51J | ppbv | | 09/25/19 23:51 | N |
| TO-15 | 12.548:Butanamide, 2,2,3,3,4,4 | 5.4J | ppbv | | 09/25/19 23:51 | N |
| TO-15 | 13.420:Undecane | 0.58J | ppbv | | 09/25/19 23:51 | N |
| TO-15 | 13.999:Unknown | 0.48J | ppbv | | 09/25/19 23:51 | |
| 10492472002 | SS-2 | | | | | |
| TO-15 | Benzene | 1.2 | ug/m3 | 0.47 | 09/26/19 00:22 | |
| TO-15 | Ethylbenzene | 1.4 | ug/m3 | 1.3 | 09/26/19 00:22 | |
| TO-15 | Naphthalene | 4.6 | ug/m3 | 3.9 | 09/26/19 00:22 | |
| TO-15 | Toluene | 3.7 | ug/m3 | 1.1 | 09/26/19 00:22 | |
| TO-15 | 1,2,4-Trimethylbenzene | 2.8 | ug/m3 | 1.5 | 09/26/19 00:22 | |
| TO-15 | 1,3,5-Trimethylbenzene | 1.5 | ug/m3 | 1.5 | 09/26/19 00:22 | |
| TO-15 | m&p-Xylene | 3.1 | ug/m3 | 2.6 | 09/26/19 00:22 | |
| TO-15 | o-Xylene | 1.4 | ug/m3 | 1.3 | 09/26/19 00:22 | |
| TO-15 | 3.019:Unknown | 0.0028J | ppbv | | 09/26/19 00:22 | |
| TO-15 | 3.891:1-Propanol | 5.8J | ppbv | | 09/26/19 00:22 | N |
| TO-15 | 11.463:1-Hexanol, 2-ethyl- | 2.2J | ppbv | | 09/26/19 00:22 | N |
| TO-15 | 12.408:Tridecane | 0.63J | ppbv | | 09/26/19 00:22 | N |
| TO-15 | 13.158:Azetidine, 1-methyl- | 4.2J | ppbv | | 09/26/19 00:22 | N |
| TO-15 | 13.414:Dodecane | 7.4J | ppbv | | 09/26/19 00:22 | N |
| TO-15 | 13.999:2,4,6,8-Tetramethyl-1-u | 3.9J | ppbv | | 09/26/19 00:22 | N |
| TO-15 | 14.219:Undecane | 2.8J | ppbv | | 09/26/19 00:22 | N |
| 10492472003 | SS-3 | | | | | |
| TO-15 | Benzene | 0.39J | ug/m3 | 0.49 | 09/26/19 00:52 | |
| TO-15 | Ethylbenzene | 1.6 | ug/m3 | 1.3 | 09/26/19 00:52 | |
| TO-15 | Naphthalene | 7.3 | ug/m3 | 4.0 | 09/26/19 00:52 | |
| TO-15 | Toluene | 3.4 | ug/m3 | 1.2 | 09/26/19 00:52 | |
| TO-15 | 1,2,4-Trimethylbenzene | 4.5 | ug/m3 | 1.5 | 09/26/19 00:52 | |
| TO-15 | 1,3,5-Trimethylbenzene | 2.2 | ug/m3 | 1.5 | 09/26/19 00:52 | |
| TO-15 | m&p-Xylene | 4.0 | ug/m3 | 2.7 | 09/26/19 00:52 | |
| TO-15 | o-Xylene | 1.7 | ug/m3 | 1.3 | 09/26/19 00:52 | |
| TO-15 | 12.408:Undecane | 2.5J | ppbv | | 09/26/19 00:52 | N |
| TO-15 | 12.969:Cyclohexane, pentyl- | 3.7J | ppbv | | 09/26/19 00:52 | N |
| TO-15 | 13.085:Pentatriacontane | 5.2J | ppbv | | 09/26/19 00:52 | N |
| TO-15 | 13.414:Tridecane | 7.8J | ppbv | | 09/26/19 00:52 | N |
| TO-15 | 13.524:Undecane, 2,6-dimethyl- | 4.7J | ppbv | | 09/26/19 00:52 | N |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: B1909352 Korth Property

Pace Project No.: 10492472

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|--------------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 10492472003 | SS-3 | | | | | |
| TO-15 | 13.841:2(1H)-Naphthalenone, 3, | 4.5J | ppbv | | 09/26/19 00:52 | N |
| TO-15 | 13.999:Decane, 2,6,7-trimethyl | 8.1J | ppbv | | 09/26/19 00:52 | N |
| TO-15 | 14.219:Tridecane | 10.8J | ppbv | | 09/26/19 00:52 | N |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



PROJECT NARRATIVE

Project: B1909352 Korth Property
Pace Project No.: 10492472

Method: TO-15
Description: TO15 MSV AIR (TICS)
Client: Braun Intertec Corporation
Date: September 27, 2019

General Information:

3 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: B1909352 Korth Property
 Pace Project No.: 10492472

Sample: SS-1 Lab ID: 10492472001 Collected: 09/19/19 12:21 Received: 09/20/19 11:00 Matrix: Air

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|--------------------------|------|------|------|----------|----------------|-------------|------|
| TO15 MSV AIR (TICS) | | Analytical Method: TO-15 | | | | | | | |
| Benzene | 0.74 | ug/m3 | 0.47 | 0.22 | 1.44 | | 09/25/19 23:51 | 71-43-2 | |
| Ethylbenzene | 2.2 | ug/m3 | 1.3 | 0.44 | 1.44 | | 09/25/19 23:51 | 100-41-4 | |
| Methyl-tert-butyl ether | <0.95 | ug/m3 | 5.3 | 0.95 | 1.44 | | 09/25/19 23:51 | 1634-04-4 | |
| Naphthalene | <1.9 | ug/m3 | 3.8 | 1.9 | 1.44 | | 09/25/19 23:51 | 91-20-3 | |
| Toluene | 3.9 | ug/m3 | 1.1 | 0.51 | 1.44 | | 09/25/19 23:51 | 108-88-3 | |
| 1,2,4-Trimethylbenzene | 2.5 | ug/m3 | 1.4 | 0.65 | 1.44 | | 09/25/19 23:51 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 1.7 | ug/m3 | 1.4 | 0.57 | 1.44 | | 09/25/19 23:51 | 108-67-8 | |
| m&p-Xylene | 3.1 | ug/m3 | 2.5 | 1.0 | 1.44 | | 09/25/19 23:51 | 179601-23-1 | |
| o-Xylene | 1.4 | ug/m3 | 1.3 | 0.50 | 1.44 | | 09/25/19 23:51 | 95-47-6 | |
| Tentatively Identified Compounds | | | | | | | | | |
| Unknown | 28.9J | ppbv | | | 1.44 | | 09/25/19 23:51 | | |
| 1-Butanol | 0.91J | ppbv | | | 1.44 | | 09/25/19 23:51 | 71-36-3 | N |
| 1-Hexanol, 2-ethyl- | 3.5J | ppbv | | | 1.44 | | 09/25/19 23:51 | 104-76-7 | N |
| Unknown | 1.5J | ppbv | | | 1.44 | | 09/25/19 23:51 | | |
| 1-Octanol, 2-butyl- | 0.51J | ppbv | | | 1.44 | | 09/25/19 23:51 | 3913-02-8 | N |
| Butanamide, 2,2,3,3,4,4 | 5.4J | ppbv | | | 1.44 | | 09/25/19 23:51 | 55471-01-7 | N |
| Undecane | 0.58J | ppbv | | | 1.44 | | 09/25/19 23:51 | 1120-21-4 | N |
| Unknown | 0.48J | ppbv | | | 1.44 | | 09/25/19 23:51 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: B1909352 Korth Property
 Pace Project No.: 10492472

Sample: SS-2 Lab ID: 10492472002 Collected: 09/19/19 12:40 Received: 09/20/19 11:00 Matrix: Air

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|--------------------------|------|------|------|----------|----------------|-------------|------|
| TO15 MSV AIR (TICS) | | Analytical Method: TO-15 | | | | | | | |
| Benzene | 1.2 | ug/m3 | 0.47 | 0.22 | 1.46 | | 09/26/19 00:22 | 71-43-2 | |
| Ethylbenzene | 1.4 | ug/m3 | 1.3 | 0.45 | 1.46 | | 09/26/19 00:22 | 100-41-4 | |
| Methyl-tert-butyl ether | <0.97 | ug/m3 | 5.3 | 0.97 | 1.46 | | 09/26/19 00:22 | 1634-04-4 | |
| Naphthalene | 4.6 | ug/m3 | 3.9 | 1.9 | 1.46 | | 09/26/19 00:22 | 91-20-3 | |
| Toluene | 3.7 | ug/m3 | 1.1 | 0.51 | 1.46 | | 09/26/19 00:22 | 108-88-3 | |
| 1,2,4-Trimethylbenzene | 2.8 | ug/m3 | 1.5 | 0.66 | 1.46 | | 09/26/19 00:22 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 1.5 | ug/m3 | 1.5 | 0.58 | 1.46 | | 09/26/19 00:22 | 108-67-8 | |
| m&p-Xylene | 3.1 | ug/m3 | 2.6 | 1.0 | 1.46 | | 09/26/19 00:22 | 179601-23-1 | |
| o-Xylene | 1.4 | ug/m3 | 1.3 | 0.50 | 1.46 | | 09/26/19 00:22 | 95-47-6 | |
| Tentatively Identified Compounds | | | | | | | | | |
| Unknown | 0.0028J | ppbv | | | 1.46 | | 09/26/19 00:22 | | |
| 1-Propanol | 5.8J | ppbv | | | 1.46 | | 09/26/19 00:22 | 71-23-8 | N |
| 1-Hexanol, 2-ethyl- | 2.2J | ppbv | | | 1.46 | | 09/26/19 00:22 | 104-76-7 | N |
| Tridecane | 0.63J | ppbv | | | 1.46 | | 09/26/19 00:22 | 629-50-5 | N |
| Azetidine, 1-methyl- | 4.2J | ppbv | | | 1.46 | | 09/26/19 00:22 | 4923-79-9 | N |
| Dodecane | 7.4J | ppbv | | | 1.46 | | 09/26/19 00:22 | 112-40-3 | N |
| 2,4,6,8-Tetramethyl-1-u | 3.9J | ppbv | | | 1.46 | | 09/26/19 00:22 | 59920-26-2 | N |
| Undecane | 2.8J | ppbv | | | 1.46 | | 09/26/19 00:22 | 1120-21-4 | N |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: B1909352 Korth Property
 Pace Project No.: 10492472

Sample: SS-3 Lab ID: 10492472003 Collected: 09/19/19 12:31 Received: 09/20/19 11:00 Matrix: Air

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|----------------|--------------------------|------|------|------|----------|----------------|-------------|------|
| TO15 MSV AIR (TICS) | | Analytical Method: TO-15 | | | | | | | |
| Benzene | 0.39J | ug/m3 | 0.49 | 0.23 | 1.52 | | 09/26/19 00:52 | 71-43-2 | |
| Ethylbenzene | 1.6 | ug/m3 | 1.3 | 0.46 | 1.52 | | 09/26/19 00:52 | 100-41-4 | |
| Methyl-tert-butyl ether | <1.0 | ug/m3 | 5.6 | 1.0 | 1.52 | | 09/26/19 00:52 | 1634-04-4 | |
| Naphthalene | 7.3 | ug/m3 | 4.0 | 2.0 | 1.52 | | 09/26/19 00:52 | 91-20-3 | |
| Toluene | 3.4 | ug/m3 | 1.2 | 0.53 | 1.52 | | 09/26/19 00:52 | 108-88-3 | |
| 1,2,4-Trimethylbenzene | 4.5 | ug/m3 | 1.5 | 0.69 | 1.52 | | 09/26/19 00:52 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 2.2 | ug/m3 | 1.5 | 0.61 | 1.52 | | 09/26/19 00:52 | 108-67-8 | |
| m&p-Xylene | 4.0 | ug/m3 | 2.7 | 1.1 | 1.52 | | 09/26/19 00:52 | 179601-23-1 | |
| o-Xylene | 1.7 | ug/m3 | 1.3 | 0.52 | 1.52 | | 09/26/19 00:52 | 95-47-6 | |
| Tentatively Identified Compounds | | | | | | | | | |
| Undecane | 2.5J | ppbv | | | 1.52 | | 09/26/19 00:52 | 1120-21-4 | N |
| Cyclohexane, pentyl- | 3.7J | ppbv | | | 1.52 | | 09/26/19 00:52 | 4292-92-6 | N |
| Pentatriacontane | 5.2J | ppbv | | | 1.52 | | 09/26/19 00:52 | 630-07-9 | N |
| Tridecane | 7.8J | ppbv | | | 1.52 | | 09/26/19 00:52 | 629-50-5 | N |
| Undecane, 2,6-dimethyl- | 4.7J | ppbv | | | 1.52 | | 09/26/19 00:52 | 17301-23-4 | N |
| 2(1H)-Naphthalenone, 3, | 4.5J | ppbv | | | 1.52 | | 09/26/19 00:52 | 530-93-8 | N |
| Decane, 2,6,7-trimethyl | 8.1J | ppbv | | | 1.52 | | 09/26/19 00:52 | 62108-25-2 | N |
| Tridecane | 10.8J | ppbv | | | 1.52 | | 09/26/19 00:52 | 629-50-5 | N |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: B1909352 Korth Property
 Pace Project No.: 10492472

QC Batch: 634460 Analysis Method: TO-15
 QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
 Associated Lab Samples: 10492472001, 10492472002, 10492472003

METHOD BLANK: 3419715 Matrix: Air
 Associated Lab Samples: 10492472001, 10492472002, 10492472003

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4-Trimethylbenzene | ug/m3 | <0.23 | 0.50 | 09/25/19 09:41 | |
| 1,3,5-Trimethylbenzene | ug/m3 | <0.20 | 0.50 | 09/25/19 09:41 | |
| Benzene | ug/m3 | <0.076 | 0.16 | 09/25/19 09:41 | |
| Ethylbenzene | ug/m3 | <0.15 | 0.44 | 09/25/19 09:41 | |
| m&p-Xylene | ug/m3 | <0.35 | 0.88 | 09/25/19 09:41 | |
| Methyl-tert-butyl ether | ug/m3 | <0.33 | 1.8 | 09/25/19 09:41 | |
| Naphthalene | ug/m3 | <0.66 | 1.3 | 09/25/19 09:41 | |
| o-Xylene | ug/m3 | <0.17 | 0.44 | 09/25/19 09:41 | |
| Toluene | ug/m3 | <0.18 | 0.38 | 09/25/19 09:41 | |

LABORATORY CONTROL SAMPLE: 3419716

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2,4-Trimethylbenzene | ug/m3 | 50 | 55.1 | 110 | 70-134 | |
| 1,3,5-Trimethylbenzene | ug/m3 | 50 | 54.4 | 109 | 70-132 | |
| Benzene | ug/m3 | 32.5 | 37.2 | 115 | 70-130 | |
| Ethylbenzene | ug/m3 | 44.1 | 55.1 | 125 | 67-131 | |
| m&p-Xylene | ug/m3 | 88.3 | 113 | 128 | 70-132 | |
| Methyl-tert-butyl ether | ug/m3 | 36.6 | 41.8 | 114 | 70-130 | |
| Naphthalene | ug/m3 | 53.3 | 56.8 | 107 | 56-130 | |
| o-Xylene | ug/m3 | 44.1 | 55.2 | 125 | 70-130 | |
| Toluene | ug/m3 | 38.3 | 44.8 | 117 | 70-130 | |

SAMPLE DUPLICATE: 3421055

| Parameter | Units | 10492238001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|-------------------------|-------|--------------------|------------|-----|---------|------------|
| 1,2,4-Trimethylbenzene | ug/m3 | ND | <0.65 | | 25 | |
| 1,3,5-Trimethylbenzene | ug/m3 | ND | <0.57 | | 25 | |
| Benzene | ug/m3 | ND | <0.22 | | 25 | |
| Ethylbenzene | ug/m3 | ND | <0.44 | | 25 | |
| m&p-Xylene | ug/m3 | ND | <1.0 | | 25 | |
| Methyl-tert-butyl ether | ug/m3 | ND | <0.95 | | 25 | |
| Naphthalene | ug/m3 | ND | <1.9 | | 25 | |
| o-Xylene | ug/m3 | ND | <0.50 | | 25 | |
| Toluene | ug/m3 | ND | <0.51 | | 25 | |

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: B1909352 Korth Property
Pace Project No.: 10492472

DEFINITIONS

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

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

N The reported TIC has an 85% or higher match on a mass spectral library search.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: B1909352 Korth Property
Pace Project No.: 10492472

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-----------|-----------------|----------|-------------------|------------------|
| 10492472001 | SS-1 | TO-15 | 634460 | | |
| 10492472002 | SS-2 | TO-15 | 634460 | | |
| 10492472003 | SS-3 | TO-15 | 634460 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



WO#: 10492472



10492472

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

45396

Page: 1 of 1

| | | | |
|---|--|---|--|
| Section A Required Client Information: Company: <u>Braun Intertec</u> Address: <u>2309 Palace St</u> <u>La Crosse, WI 54603</u> Email To: <u>nstingl@brauintertec.com</u> Phone: <u>608-781-7277</u> Requested Due Date/TAT: <u>STD</u> | Section B Required Project Information: Report To: <u>Braun Intertec</u> Copy To: Purchase Order No.: <u>B1909353</u> Project Name: <u>North Property</u> Project Number: <u>61909352</u> | Section C Invoice Information: Attention: <u>Nick Stingl</u> Company Name: <u>Braun Intertec</u> Address: <u>2309 Palace St</u> Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #: | Program <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other Location of Sampling by State: <u>WI</u> Reporting Units ug/m ³ ___ mg/m ³ ___ PPBV ___ PPMV ___ Other ___ Report Level: I. ___ II. ___ III. ___ IV. ___ Other ___ |
|---|--|---|--|

| ITEM # | Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE | Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10 | MEDIA CODE | PID Reading (Client only) | COLLECTED | | | | Canister Pressure (Initial Field - In Hg) | Canister Pressure (Final Field - In Hg) | Summa Can Number | Flow Control Number | Method: | | | | | | | | | | |
|--------|---|---|------------|---------------------------|-----------------|-------|----------------------|------|---|---|------------------|---------------------|---------|--------------------|-----------|-----------------|-------|----------------------|-----------------------|------------------------------|-------|-------------|--|
| | | | | | COMPOSITE START | | COMPOSITE - END/GRAB | | | | | | PM10 | 3C - Fixed Gas (%) | TO-3 BTEX | TO-3M (Methane) | TO-14 | TO-15 Full List VOCs | TO-15 Short List BTEX | TO-15 Short List Chlorinated | P/VOC | Naphthalene | |
| | | | | | DATE | TIME | DATE | TIME | | | | | | | | | | | | | | | |
| 1 | SS-1 | 6250.6 | 9-19-19 | 11:41 | 9-19-19 | 12:21 | -28 | -2 | 0044 | 1830 | | | | | | | | | X | | u1 | | |
| 2 | SS-2 | 6250.3 | 9-19-19 | 12:03 | 9-19-19 | 12:40 | -29 | -3 | 0134 | 0776 | | | | | | | | | X | | u2 | | |
| 3 | SS-3 | 6145.7 | 9-19-19 | 11:56 | 9-19-19 | 12:31 | -29 | -4 | 0624 | 0835 | | | | | | | | | X | | u3 | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | |

| Comments: | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS | | | | |
|---------------------------|-------------------------------|----------------|--------------|---------------------------|----------------|-------------|-------------------|-----|-----|-----|-----|
| <u>PVOC / Naphthalene</u> | <u>Di.B. Braun Intertec</u> | <u>9-19-19</u> | <u>18:00</u> | <u>David Bradshaw</u> | <u>9/20/19</u> | <u>1600</u> | - | Y/N | Y/N | Y/N | Y/N |
| | | | | | | | | Y/N | Y/N | Y/N | Y/N |
| | | | | | | | | Y/N | Y/N | Y/N | Y/N |

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: David Bradshaw

SIGNATURE of SAMPLER: David Bradshaw

DATE Signed (MM / DD / YY) 9-19-19

Temp in °C

Received on Ice

Custody Sealed Cooler

Samples Intact

ORIGINAL

Air Sample Condition Upon Receipt Client Name: BRAUN INTERTEC Project #: WO#: 10492472
 Courier: Fed Ex UPS USPS Client
 Pace Speedee Commercial See Exception
 Tracking Number: 1083 0280 7089

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No
 Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No
 Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermometer Used: G87A9170600254
 G87A9155100842
 Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 9/21/19 CMY
 Type of Ice Received Blue Wet None

Comments:

| | | |
|--|--|---|
| Chain of Custody Present? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. |
| Chain of Custody Filled Out? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. |
| Chain of Custody Relinquished? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 3. |
| Sampler Name and/or Signature on COC? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 4. |
| Samples Arrived within Hold Time? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| Short Hold Time Analysis (<72 hr)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. |
| Sufficient Volume? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 8. |
| Correct Containers Used? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 9. |
| -Pace Containers Used? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| Containers Intact? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 10. |
| Media: <u>Air Can</u> Airbag Filter TDT Passive | | 11. Individually Certified Cans - Y <u>(N)</u> (list which samples) |
| Is sufficient information available to reconcile samples to the COC? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 12. |
| Do cans need to be pressurized (3C and ASTM 1946 DO NOT PRESSURIZE)? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 13. |

| Samples Received: | | | | | Pressure Gauge # <input type="checkbox"/> 10AIR34 <input checked="" type="checkbox"/> 10AIR35 | | | | |
|-------------------|--------|-----------------|------------------|----------------|---|--------|-----------------|------------------|----------------|
| Canisters | | | | | Canisters | | | | |
| Sample Number | Can ID | Flow Controller | Initial Pressure | Final Pressure | Sample Number | Can ID | Flow Controller | Initial Pressure | Final Pressure |
| SS-1 | 0044 | 1830 | -2 | +5 | | | | | |
| SS-2 | 0134 | 0776 | -2.5 | +5 | | | | | |
| SS-3 | 0624 | 0835 | -3.5 | +5 | | | | | |
| UNUSED/RETURN | 1550 | 0706 | -21 | --- | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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

Project Manager Review: [Signature] Date: 9/23/19

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

Synergy Environmental Lab,

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

ROBERT KORTH
ROBERT KORTH
N2982 STEEPLE DRIVE
APPLETON, WI54913

Report Date 26-Sep-19

Project Name KORTH PROPERTY
Project #

Invoice # E36819

Lab Code 5036819A
Sample ID MW-5
Sample Matrix Water
Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|--------|------|------|------|-----|------------|-----------|-----------|---------|------|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.32 | ug/l | 0.32 | 1.02 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 1 |
| Ethylbenzene | < 0.29 | ug/l | 0.29 | 0.94 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.24 | ug/l | 0.24 | 0.78 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 4 |
| Naphthalene | < 1.3 | ug/l | 1.3 | 4.1 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 1 |
| Toluene | < 0.29 | ug/l | 0.29 | 0.93 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 0.46 | ug/l | 0.46 | 1.46 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.67 | ug/l | 0.67 | 2.15 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 1 |
| m&p-Xylene | < 0.52 | ug/l | 0.52 | 1.67 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 1 |
| o-Xylene | < 0.7 | ug/l | 0.7 | 2.24 | 1 | GRO95/8021 | 9/24/2019 | 9/24/2019 | CJR | 1 |

Project Name KORTH PROPERTY
 Project #

Invoice # E36819

Lab Code 5036819B
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|----------|------|------|------|-----|--------|----------|-----------|---------|------|
| Organic | | | | | | | | | | |
| VOC's | | | | | | | | | | |
| Benzene | < 0.22 | ug/l | 0.22 | 0.71 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Bromobenzene | < 0.44 | ug/l | 0.44 | 1.38 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Bromodichloromethane | < 0.33 | ug/l | 0.33 | 1.06 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Bromoform | < 0.45 | ug/l | 0.45 | 1.44 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| tert-Butylbenzene | 0.31 "J" | ug/l | 0.25 | 0.8 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| sec-Butylbenzene | 4.7 | ug/l | 0.79 | 2.53 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| n-Butylbenzene | < 0.71 | ug/l | 0.71 | 2.25 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Carbon Tetrachloride | < 0.31 | ug/l | 0.31 | 0.98 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Chlorobenzene | < 0.26 | ug/l | 0.26 | 0.83 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Chloroethane | < 0.61 | ug/l | 0.61 | 1.95 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Chloroform | < 0.26 | ug/l | 0.26 | 0.82 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Chloromethane | < 0.54 | ug/l | 0.54 | 1.72 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 2-Chlorotoluene | < 0.31 | ug/l | 0.31 | 0.98 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 4-Chlorotoluene | < 0.26 | ug/l | 0.26 | 0.83 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,2-Dibromo-3-chloropropane | < 2.96 | ug/l | 2.96 | 9.43 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Dibromochloromethane | < 0.22 | ug/l | 0.22 | 0.69 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,4-Dichlorobenzene | < 0.7 | ug/l | 0.7 | 2.22 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,3-Dichlorobenzene | < 0.85 | ug/l | 0.85 | 2.7 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,2-Dichlorobenzene | < 0.86 | ug/l | 0.86 | 2.74 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Dichlorodifluoromethane | < 0.32 | ug/l | 0.32 | 1.02 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,2-Dichloroethane | < 0.25 | ug/l | 0.25 | 0.78 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,1-Dichloroethane | < 0.36 | ug/l | 0.36 | 1.14 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,1-Dichloroethene | < 0.42 | ug/l | 0.42 | 1.34 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| cis-1,2-Dichloroethene | < 0.37 | ug/l | 0.37 | 1.16 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| trans-1,2-Dichloroethene | < 0.34 | ug/l | 0.34 | 1.07 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,2-Dichloropropane | < 0.44 | ug/l | 0.44 | 1.39 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,3-Dichloropropane | < 0.3 | ug/l | 0.3 | 0.94 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| trans-1,3-Dichloropropene | < 0.32 | ug/l | 0.32 | 1.01 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| cis-1,3-Dichloropropene | < 0.26 | ug/l | 0.26 | 0.81 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Di-isopropyl ether | 0.40 "J" | ug/l | 0.21 | 0.66 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| EDB (1,2-Dibromoethane) | < 0.34 | ug/l | 0.34 | 1.09 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Ethylbenzene | < 0.26 | ug/l | 0.26 | 0.83 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Hexachlorobutadiene | < 1.34 | ug/l | 1.34 | 4.28 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Isopropylbenzene | 0.92 "J" | ug/l | 0.78 | 2.47 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| p-Isopropyltoluene | < 0.24 | ug/l | 0.24 | 0.76 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Methylene chloride | < 1.32 | ug/l | 1.32 | 4.21 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.28 | ug/l | 0.28 | 0.89 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Naphthalene | < 2.1 | ug/l | 2.1 | 6.65 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| n-Propylbenzene | < 0.61 | ug/l | 0.61 | 1.95 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,1,2,2-Tetrachloroethane | < 0.3 | ug/l | 0.3 | 0.97 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,1,1,2-Tetrachloroethane | < 0.35 | ug/l | 0.35 | 1.13 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Tetrachloroethene | < 0.38 | ug/l | 0.38 | 1.21 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Toluene | < 0.19 | ug/l | 0.19 | 0.6 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,2,4-Trichlorobenzene | < 1.15 | ug/l | 1.15 | 3.67 | 1 | 8260B | | 9/21/2019 | CJR | 1 |

Project Name KORTH PROPERTY
 Project #

Invoice # E36819

Lab Code 5036819B
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|-----------------------------|--------|-------|------|------|-----|--------|----------|-----------|---------|------|
| 1,2,3-Trichlorobenzene | < 1.71 | ug/l | 1.71 | 5.43 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,1,1-Trichloroethane | < 0.33 | ug/l | 0.33 | 1.05 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,1,2-Trichloroethane | < 0.42 | ug/l | 0.42 | 1.32 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Trichloroethene (TCE) | < 0.3 | ug/l | 0.3 | 0.94 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Trichlorofluoromethane | < 0.35 | ug/l | 0.35 | 1.1 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 0.8 | ug/l | 0.8 | 2.55 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.63 | ug/l | 0.63 | 2 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| Vinyl Chloride | < 0.2 | ug/l | 0.2 | 0.65 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| m&p-Xylene | < 0.43 | ug/l | 0.43 | 1.38 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| o-Xylene | < 0.29 | ug/l | 0.29 | 0.93 | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| SUR - Dibromofluoromethane | 98 | REC % | | | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| SUR - Toluene-d8 | 100 | REC % | | | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| SUR - 1,2-Dichloroethane-d4 | 101 | REC % | | | 1 | 8260B | | 9/21/2019 | CJR | 1 |
| SUR - 4-Bromofluorobenzene | 99 | REC % | | | 1 | 8260B | | 9/21/2019 | CJR | 1 |

Lab Code 5036819C
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|----------|------|------|------|-----|------------|----------|-----------|---------|------|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.32 | ug/l | 0.32 | 1.02 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| Ethylbenzene | 0.34 "J" | ug/l | 0.29 | 0.94 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.24 | ug/l | 0.24 | 0.78 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 4 |
| Naphthalene | < 1.3 | ug/l | 1.3 | 4.1 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| Toluene | < 0.29 | ug/l | 0.29 | 0.93 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 0.46 | ug/l | 0.46 | 1.46 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.67 | ug/l | 0.67 | 2.15 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| m&p-Xylene | < 0.52 | ug/l | 0.52 | 1.67 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| o-Xylene | < 0.7 | ug/l | 0.7 | 2.24 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |

Project Name KORTH PROPERTY
Project #

Invoice # E36819

Lab Code 5036819D
Sample ID MW-2
Sample Matrix Water
Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|----------|------|------|------|-----|------------|----------|-----------|---------|------|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 0.93 "J" | ug/l | 0.32 | 1.02 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| Ethylbenzene | 0.53 "J" | ug/l | 0.29 | 0.94 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.24 | ug/l | 0.24 | 0.78 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 4 |
| Naphthalene | 4.6 | ug/l | 1.3 | 4.1 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| Toluene | 0.53 "J" | ug/l | 0.29 | 0.93 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 0.46 | ug/l | 0.46 | 1.46 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.67 | ug/l | 0.67 | 2.15 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| m&p-Xylene | < 0.52 | ug/l | 0.52 | 1.67 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| o-Xylene | 1.1 "J" | ug/l | 0.7 | 2.24 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |

Lab Code 5036819E
Sample ID MW-3
Sample Matrix Water
Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|----------|------|------|------|-----|------------|----------|-----------|---------|------|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 6.5 | ug/l | 0.32 | 1.02 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 1 |
| Ethylbenzene | 0.43 "J" | ug/l | 0.29 | 0.94 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.24 | ug/l | 0.24 | 0.78 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 4 |
| Naphthalene | 3.3 "J" | ug/l | 1.3 | 4.1 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 1 |
| Toluene | 0.64 "J" | ug/l | 0.29 | 0.93 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | 0.63 "J" | ug/l | 0.46 | 1.46 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.67 | ug/l | 0.67 | 2.15 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 1 |
| m&p-Xylene | 0.75 "J" | ug/l | 0.52 | 1.67 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 1 |
| o-Xylene | < 0.7 | ug/l | 0.7 | 2.24 | 1 | GRO95/8021 | | 9/25/2019 | CJR | 1 |

Project Name KORTH PROPERTY
 Project #

Invoice # E36819

Lab Code 5036819F
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|----------|------|--------|--------|-----|------------|-----------|-----------|---------|------|
| Organic | | | | | | | | | | |
| PAH SIM | | | | | | | | | | |
| Acenaphthene | 0.273 | ug/l | 0.0094 | 0.03 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Acenaphthylene | 0.06 | ug/l | 0.0156 | 0.0495 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Anthracene | 0.115 | ug/l | 0.015 | 0.0478 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Benzo(a)anthracene | 0.10 | ug/l | 0.0131 | 0.0418 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Benzo(a)pyrene | 0.198 | ug/l | 0.0167 | 0.0531 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Benzo(b)fluoranthene | 0.60 | ug/l | 0.016 | 0.0509 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Benzo(g,h,i)perylene | 0.301 | ug/l | 0.0142 | 0.0451 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Benzo(k)fluoranthene | 0.18 | ug/l | 0.0146 | 0.0463 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Chrysene | 0.33 | ug/l | 0.0157 | 0.0499 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Dibenzo(a,h)anthracene | < 0.0173 | ug/l | 0.0173 | 0.0549 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Fluoranthene | 0.68 | ug/l | 0.0088 | 0.0281 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Fluorene | 0.228 | ug/l | 0.0079 | 0.0251 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Indeno(1,2,3-cd)pyrene | 0.234 | ug/l | 0.0121 | 0.0385 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| 1-Methyl naphthalene | 0.32 | ug/l | 0.0191 | 0.0609 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| 2-Methyl naphthalene | 0.76 | ug/l | 0.0186 | 0.059 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Naphthalene | 0.48 | ug/l | 0.026 | 0.083 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Phenanthrene | 0.67 | ug/l | 0.0143 | 0.0456 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| Pyrene | 0.54 | ug/l | 0.0121 | 0.0386 | 1 | M8270C | 9/24/2019 | 9/24/2019 | NJC | 1 |
| PVOC | | | | | | | | | | |
| Benzene | 2.59 | ug/l | 0.32 | 1.02 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| Ethylbenzene | 0.55 "J" | ug/l | 0.29 | 0.94 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.24 | ug/l | 0.24 | 0.78 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 4 |
| Toluene | 0.55 "J" | ug/l | 0.29 | 0.93 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | 1.22 "J" | ug/l | 0.46 | 1.46 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | 0.7 "J" | ug/l | 0.67 | 2.15 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| m&p-Xylene | 0.63 "J" | ug/l | 0.52 | 1.67 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |
| o-Xylene | < 0.7 | ug/l | 0.7 | 2.24 | 1 | GRO95/8021 | | 9/24/2019 | CJR | 1 |

Project Name KORTH PROPERTY
 Project #

Invoice # E36819

Lab Code 5036819G
 Sample ID TRIP BLANK
 Sample Matrix Water
 Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|--------------------------------|--------|------|------|------|-----|--------|----------|-----------|---------|------|
| Organic VOC's | | | | | | | | | | |
| Benzene | < 0.22 | ug/l | 0.22 | 0.71 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Bromobenzene | < 0.44 | ug/l | 0.44 | 1.38 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Bromodichloromethane | < 0.33 | ug/l | 0.33 | 1.06 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Bromoform | < 0.45 | ug/l | 0.45 | 1.44 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| tert-Butylbenzene | < 0.25 | ug/l | 0.25 | 0.8 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| sec-Butylbenzene | < 0.79 | ug/l | 0.79 | 2.53 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| n-Butylbenzene | < 0.71 | ug/l | 0.71 | 2.25 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Carbon Tetrachloride | < 0.31 | ug/l | 0.31 | 0.98 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Chlorobenzene | < 0.26 | ug/l | 0.26 | 0.83 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Chloroethane | < 0.61 | ug/l | 0.61 | 1.95 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Chloroform | < 0.26 | ug/l | 0.26 | 0.82 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Chloromethane | < 0.54 | ug/l | 0.54 | 1.72 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 2-Chlorotoluene | < 0.31 | ug/l | 0.31 | 0.98 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 4-Chlorotoluene | < 0.26 | ug/l | 0.26 | 0.83 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,2-Dibromo-3-chloropropane | < 2.96 | ug/l | 2.96 | 9.43 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Dibromochloromethane | < 0.22 | ug/l | 0.22 | 0.69 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,4-Dichlorobenzene | < 0.7 | ug/l | 0.7 | 2.22 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,3-Dichlorobenzene | < 0.85 | ug/l | 0.85 | 2.7 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,2-Dichlorobenzene | < 0.86 | ug/l | 0.86 | 2.74 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Dichlorodifluoromethane | < 0.32 | ug/l | 0.32 | 1.02 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,2-Dichloroethane | < 0.25 | ug/l | 0.25 | 0.78 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,1-Dichloroethane | < 0.36 | ug/l | 0.36 | 1.14 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,1-Dichloroethene | < 0.42 | ug/l | 0.42 | 1.34 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| cis-1,2-Dichloroethene | < 0.37 | ug/l | 0.37 | 1.16 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| trans-1,2-Dichloroethene | < 0.34 | ug/l | 0.34 | 1.07 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,2-Dichloropropane | < 0.44 | ug/l | 0.44 | 1.39 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,3-Dichloropropane | < 0.3 | ug/l | 0.3 | 0.94 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| trans-1,3-Dichloropropene | < 0.32 | ug/l | 0.32 | 1.01 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| cis-1,3-Dichloropropene | < 0.26 | ug/l | 0.26 | 0.81 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Di-isopropyl ether | < 0.21 | ug/l | 0.21 | 0.66 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| EDB (1,2-Dibromoethane) | < 0.34 | ug/l | 0.34 | 1.09 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Ethylbenzene | < 0.26 | ug/l | 0.26 | 0.83 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Hexachlorobutadiene | < 1.34 | ug/l | 1.34 | 4.28 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Isopropylbenzene | < 0.78 | ug/l | 0.78 | 2.47 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| p-Isopropyltoluene | < 0.24 | ug/l | 0.24 | 0.76 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Methylene chloride | < 1.32 | ug/l | 1.32 | 4.21 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.28 | ug/l | 0.28 | 0.89 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Naphthalene | < 2.1 | ug/l | 2.1 | 6.65 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| n-Propylbenzene | < 0.61 | ug/l | 0.61 | 1.95 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,1,2,2-Tetrachloroethane | < 0.3 | ug/l | 0.3 | 0.97 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,1,1,2-Tetrachloroethane | < 0.35 | ug/l | 0.35 | 1.13 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Tetrachloroethene | < 0.38 | ug/l | 0.38 | 1.21 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Toluene | < 0.19 | ug/l | 0.19 | 0.6 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,2,4-Trichlorobenzene | < 1.15 | ug/l | 1.15 | 3.67 | 1 | 8260B | | 9/24/2019 | CJR | 1 |

Project Name KORTH PROPERTY
 Project #

Invoice # E36819

Lab Code 5036819G
 Sample ID TRIP BLANK
 Sample Matrix Water
 Sample Date 9/19/2019

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|-----------------------------|--------|-------|------|------|-----|--------|----------|-----------|---------|------|
| 1,2,3-Trichlorobenzene | < 1.71 | ug/l | 1.71 | 5.43 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,1,1-Trichloroethane | < 0.33 | ug/l | 0.33 | 1.05 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,1,2-Trichloroethane | < 0.42 | ug/l | 0.42 | 1.32 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Trichloroethene (TCE) | < 0.3 | ug/l | 0.3 | 0.94 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Trichlorofluoromethane | < 0.35 | ug/l | 0.35 | 1.1 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 0.8 | ug/l | 0.8 | 2.55 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.63 | ug/l | 0.63 | 2 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| Vinyl Chloride | < 0.2 | ug/l | 0.2 | 0.65 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| m&p-Xylene | < 0.43 | ug/l | 0.43 | 1.38 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| o-Xylene | < 0.29 | ug/l | 0.29 | 0.93 | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| SUR - Toluene-d8 | 98 | REC % | | | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| SUR - 1,2-Dichloroethane-d4 | 106 | REC % | | | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| SUR - 4-Bromofluorobenzene | 103 | REC % | | | 1 | 8260B | | 9/24/2019 | CJR | 1 |
| SUR - Dibromofluoromethane | 111 | REC % | | | 1 | 8260B | | 9/24/2019 | CJR | 1 |

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

- 1 Laboratory QC within limits.
- 4 The continuing calibration standard not within established limits.

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

Authorized Signature

Michael Ricker

Synergy

Environmental Lab, Inc.

Chain # No 3502

Page ___ of ___

Sample Handling Request

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

Normal Turn Around

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

Lab I.D. # _____
 Account No.: _____ Quote No.: _____
 Project #: _____
 Sampler: (signature) *Ben Nelson*

Project (Name / Location): *Korth Property*
 Reports To: *Robert Korth* Invoice To: *Robert Korth*
 Company _____ Company *L/O METCO*
 Address *N2482 Steene Drive* Address *709 Gillette St. Ste. 3*
 City State Zip *Appleton, WI 54913* City State Zip *LaCrosse, WI 54603*
 Phone _____ Phone *(608)-781-8879*
 FAX _____ FAX _____

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

| Lab I.D. | Sample I.D. | Collection Date Time | Comp | Grab | Filtered Y/N | No. of Containers | Sample Type (Matrix)* | Preservation |
|-----------------|--------------------|----------------------|------|----------|--------------|-------------------|-----------------------|--------------|
| <i>5036819A</i> | <i>MW-5</i> | <i>9/11/19 10:49</i> | | <i>X</i> | <i>N</i> | <i>3</i> | <i>GW</i> | <i>HCl</i> |
| <i>B</i> | <i>MW-4</i> | <i>11:11</i> | | | | <i>3</i> | | |
| <i>C</i> | <i>MW-6</i> | <i>10:21</i> | | | | <i>3</i> | | |
| <i>D</i> | <i>MW-2</i> | <i>11:36</i> | | | | <i>3</i> | | |
| <i>E</i> | <i>MW-3</i> | <i>12:27</i> | | | | <i>3</i> | | |
| <i>F</i> | <i>MW-1</i> | <i>12:05</i> | | <i>V</i> | | <i>4</i> | <i>V</i> | |
| <i>G</i> | <i>Tri.P Blank</i> | <i>V</i> | | | <i>V</i> | | | <i>V</i> |

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)
Lab to send copy of report to METCO/Jason P. (Invoice METCO)
** UTC Rates apply*
** Agent status*

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

Relinquished By: (sign) *[Signature]* Time *2:00* Date *9/19/19*
 Received By: (sign) _____ Time _____ Date _____
 Received in Laboratory By: *[Signature]* Time: *8:00* Date: *9/20/19*