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January 9, 2017

BRRTS #: 03-38-231379
PECFA #: 54114-7330-17-A

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

Subject: Kopatz Property – Letter Report

Dear Mr. Verstegen,

Enclosed is the report for the Kopatz Property site located in Crivitz (Town of Beaver), Wisconsin. **This completes the Public Bidding Deferred workscope approved on April 8, 2016.**

Vapor Sampling Workscope

On July 12, 2016, REI Engineering of Wausau, WI set up a seal over the sump in the Kopatz building basement. The sump was hand made through the concrete floor and adjacent to the basement wall. Due to the poor condition of the concrete floor in the area of the sump and that is was along the basement wall, sealing of the sump was difficult. However, it was sealed as well as possible using plastic sheeting and weighted objects. The seal was allowed to sit for 24 hours to equilibrate.

On July 13, 2016, REI Engineering collected a vapor sample from the sump in the Kopatz building basement. The vapor sample was collected using a Suma canister and was submitted for PVOC and Naphthalene analysis.

Groundwater Monitoring Workscope

On July 12, 2016, METCO personnel collected groundwater samples from three monitoring wells (MW-1, -2, and -3) for PVOC and Naphthalene analysis. Monitoring well MW-1 was also analyzed for dissolved lead. Water samples were also collected from the on-site potable well and sump for PVOC and Naphthalene analysis. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells. Water level measurements were also collected from five additional monitoring wells (MW-4, -5, -6,

-7, and -8).

On October 10, 2016, METCO personnel collected groundwater samples from eight monitoring wells (MW-1 thru MW-8) for PVOC and Naphthalene analysis. Monitoring well MW-1 was also analyzed for dissolved lead. Water samples were also collected from the on-site potable well and sump for PVOC and Naphthalene analysis. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells.

Discussion of Vapor Results

Indoor Air Sample Sump: Showed Residential Indoor Air Vapor Action Levels (VAL) exceedances for Benzene (23.5 ug/m³), Ethylbenzene (44.3 ug/m³), Naphthalene (6.1 ug/m³), 1,2,4-Trimethylbenzene (14.9 ug/m³), and Xylene (303.8 ug/m³).

Discussion of Groundwater Results

Monitoring well MW-1: Currently shows NR140 ES exceedances for Benzene (1,810 ppb), Naphthalene (196 ppb), Toluene (3,200 ppb), Trimethylbenzenes (767 ppb), and Xylene (2,910 ppb). It also shows an NR140 PAL exceedance for Ethylbenzene (460 ppb). The contaminant concentrations appear to be stable, except for Benzene, which is higher than any previous sampling rounds.

Monitoring well MW-2: Currently shows an NR140 ES exceedance for Benzene (18 ppb). It also shows NR140 PAL exceedances for Ethylbenzene (330 ppb), Naphthalene (76 ppb), Toluene (440 ppb), Trimethylbenzenes (342 ppb), and Xylene (745 ppb). The contaminant concentrations appear to be unstable, showing NR140 ES exceedances in the first two rounds (June and September 2014), PAL exceedances the following two rounds (May and August 2015), then ES exceedances the last two rounds (July and October 2016).

Monitoring well MW-3: Currently shows an NR140 ES exceedance for Benzene (87 ppb). It also shows an NR140 PAL exceedance for Ethylbenzene (203 ppb). The contaminant concentrations appear to be stable.

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 no detects for PVOC and Naphthalene.

Monitoring well MW-7: Currently shows no detects for PVOC and Naphthalene.

Monitoring well MW-8: Currently shows no detects for PVOC and Naphthalene.

On-site Potable well (W8317): Currently shows no detects for PVOC and Naphthalene. Of the six times it was sampled, it has not shown any exceedances for any

contaminants of concern.

Sump (W8317): Currently shows a NR140 PAL exceedance for Benzene (1.04 ppb). Of the three times it was sampled, it has shown NR140 PAL exceedances twice (July and October 2016, and a NR140 ES exceedance once in May 2015.

Conclusions/Recommendations

Based on the vapor and groundwater sampling results, the state will likely require remediation (such as excavation/disposal project and possibly vapor mitigation system) to reduce the contaminant mass, along with additional vapor and groundwater sampling for trend analysis. Per WDNR response to this conclusion/recommendation METCO will proceed.

A Detailed Site Map, Groundwater Flow Maps, Groundwater Isoconcentration Map, Data Tables, Vapor Sampling Field Notes and Photos, 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.

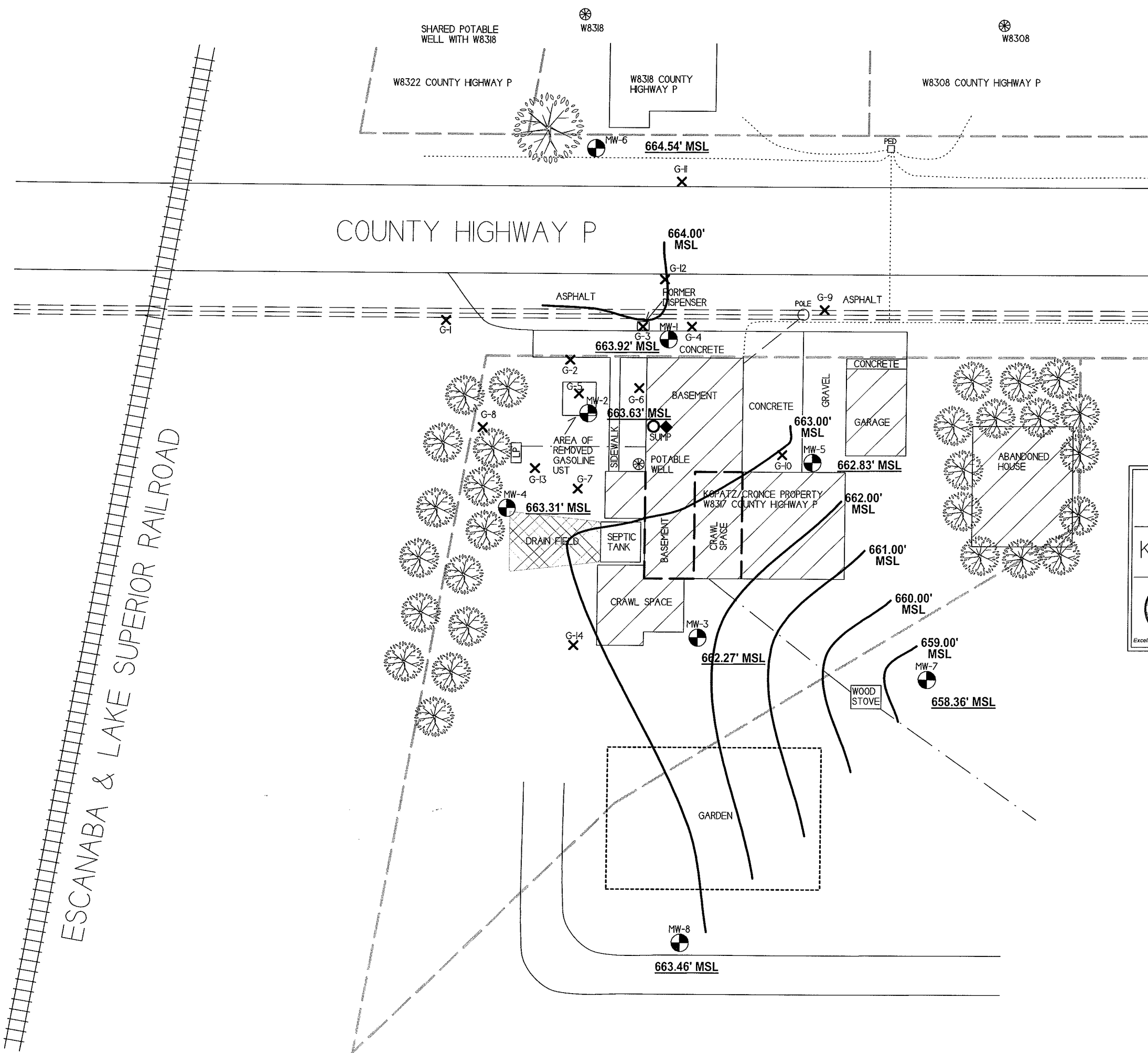
Sincerely,



Jason T. Powell
Staff Scientist

Attachments

c: Dennis Kopatz - Client



SCALE:
1 INCH = 30 FEET
0 15 30

B.3.c GROUNDWATER FLOW DIRECTION (7/12/16)		
KOPATZ/CRONCE PROPERTY		
	709 Gillette Street, Suite 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8893	BEAVER, WISCONSIN DRAWN BY: ED 07/13/2012 UPDATED BY: ED 07/09/2013

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

- INDOOR AIR SAMPLE LOCATION
- GEOPROBE BORING LOCATION
- POTABLE WELL LOCATION
- MONITORING WELL LOCATION
- HOT WATER LINE
- GAS LINE
- OVERHEAD ELECTRIC LINE
- TELEPHONE/CABLE LINE
- PROPERTY BOUNDARY

ESCANABA & LAKE SUPERIOR RAILROAD

SHARED POTABLE WELL WITH W8318

W8318

W8308

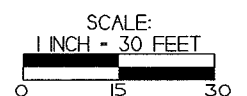
W8322 COUNTY HIGHWAY P

W8318 COUNTY HIGHWAY P

W8308 COUNTY HIGHWAY P

COUNTY HIGHWAY P

ESCANABA & LAKE SUPERIOR RAILROAD

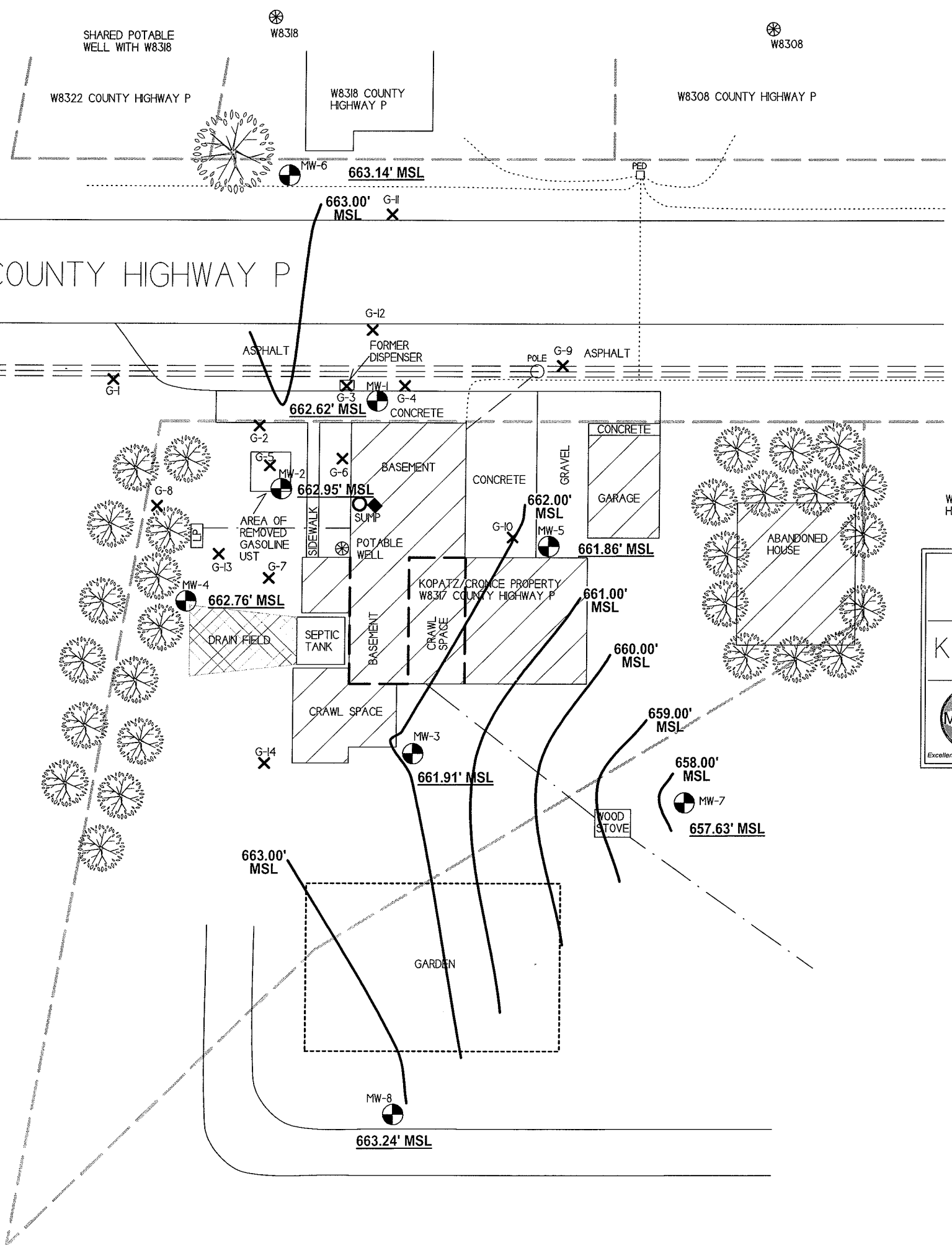


W8305 COUNTY HIGHWAY P

B.3.c GROUNDWATER FLOW DIRECTION (10/10/16)		
KOPATZ/CRONCE PROPERTY		
<p>709 Gillette Street, Suite 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8893</p>	BEAVER, WISCONSIN	
	<p>DRAWN BY: ED 07/13/202</p> <p>UPDATED BY: ED 07/09/203</p>	

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

- ◆ - INDOOR AIR SAMPLE LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊗ - POTABLE WELL LOCATION
- ⊕ - MONITORING WELL LOCATION
- — — — — - HOT WATER LINE
- · — · — · — - GAS LINE
- - - - - OVERHEAD ELECTRIC LINE
- - - - - TELEPHONE/CABLE LINE
- - - - - PROPERTY BOUNDARY



A.4 Vapor Analytical Table
 Indoor Air Sampling Data Table for Kopatz Property
 BY METCO

Indoor Air Sampling conducted on July 13, 2016

WDNR

Residential
 Indoor Air Vapor Action Levels for
 Various VOCs
 Quick Look-Up Table Updated May,
 2016

Sample ID	SUMP	(ug/m ³)	
Benzene – ug/m ³	23.5	3.6	c
Carbon Tetrachloride – ug/m ³	NS	4.7	c
Chloroform – ug/m ³	NS	1.2	c
Chloromethane – ug/m ³	NS	94	n
Dichlorodifluoromethane – ug/m ³	NS	100	n
1,1-Dichloroethane (1,1-DCA) – ug/m ³	NS	18	c
1,2-Dichloroethane (1,2-DCA) - ug/m ³	NS	1.10	c
1,1-Dichloroethylene (1,1-DCE) – ug/m ³	NS	210	n
1,2-Dichloroethylene (cis and trans) - ug/m ³	NS	NA	n
Ethylbenzene – ug/m ³	44.3	11	c
Methylene chloride – ug/m ³	NS	630	n
Methyl Tert-Butyl Ether (MTBE) – ug/m ³	NS	110	c
Naphthalene – ug/m ³	6.1	0.83	c
Tetrachloroethylene -ug/m ³	NS	42	n
Toluene – ug/m ³	314	5200	n
1,1,1-Trichloroethane – ug/m ³	NS	5200	n
Trichloroethylene – ug/m ³	NS	2.1	n
Trichlorofluoromethane (Halcarbon 11) – ug/m ³	39.1	NA	n
Trimethylbenzene (1,2,4) – ug/m ³	14.9	7.3	n
Trimethylbenzene (1,3,5) – ug/m ³	NS	NA	n
Vinyl chloride – ug/m ³	NS	1.7	c
Xylene (total) -ug/m ³	303.8	100	n

ug/m³ = Micrograms per cubic meter.

< = Less than the reporting limit indicated in parentheses.

Bold = Exceedence of state standards

c = Carcinogen

Underline = Indoor Residential Air Standard Exceedance

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

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

B = Compound was found in the blank and sample

E = Result exceeded calibration range

A.1 Groundwater Analytical Table
Kopatz Property BRRTS# 03-38-231379

Well MW-1

PVC Elevation = 669.54 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/18/14	664.68	4.86	5.3	540	350	<4.6	274	2730	544	2480
09/18/14	663.82	5.72	NS	750	370	<7.4	143	2490	477	2310
05/26/15	664.04	5.50	13.5	370	320	<9.8	200	2590	1048	4490
08/31/15	661.35	8.19	10.2	1660	590	<24.5	278	3800	1270	4730
07/12/16	663.92	5.62	5.2	330	158	<24.5	<130	360	328	1040
10/10/16	662.62	6.92	5.5	1810	460	<24.5	196	3200	767	2910
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-2

PVC Elevation = 668.20 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/18/14	664.36	3.84	1.5	<12	215	<11.5	<85	1060	362	1230
09/18/14	664.43	3.77	NS	98	2480	<3.7	680	5100	2710	6710
05/26/15	663.82	4.38	0.8	3.7	61	<0.49	14.4	4.1	81	108.5
08/31/15	661.62	6.58	NS	2.8	88	<0.49	14.8	8.5	72.9	152.3
07/12/16	663.63	4.57	NS	8.9	237	<0.49	44	71	182	529.7
10/10/16	662.95	5.25	NS	18	330	<9.8	76	440	342	745
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-3

PVC Elevation = 666.72 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/18/14	663.15	3.57	<0.7	31.4	117	<0.23	27	26.8	122	164.1
09/18/14	663.24	3.48	NS	18.9	214	<0.37	66	33	165	152.5
05/26/15	662.91	3.81	NS	146	287	<0.49	59	98	111.8	137.7
08/31/15	660.41	6.31	NS	174	231	<0.49	23.9	88	80.4	88.5
07/12/16	662.27	4.45	NS	59	164	<0.49	22.9	34	73	110.3
10/10/16	661.91	4.81	NS	87	203	<4.9	<26	37	64	114.7
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
Kopatz Property BRRS# 03-38-231379

Well MW-4

PVC Elevation = 667.08 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/18/14	664.07	3.01	<0.7	<0.24	<0.55	<0.23	2.89	<0.69	<3.6	<1.32
09/18/14	664.45	2.63	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
05/26/15	663.64	3.44	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
08/31/15	661.29	5.79	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
07/12/16	663.31	3.77	NOT SAMPLED							
10/10/16	662.76	4.32	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE MENT 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 = 670.45 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/18/14	664.11	6.34	1.5	0.40	<0.55	<0.23	2.55	<0.69	<3.6	<1.32
09/18/14	664.39	6.06	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
05/26/15	663.14	7.31	1.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
08/31/15	660.36	10.09	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
07/12/16	662.83	7.62	NOT SAMPLED							
10/10/16	661.86	8.59	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE MENT 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 = 669.16 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/18/14	665.70	3.46	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
09/18/14	665.84	3.32	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
05/26/15	664.58	4.58	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
08/31/15	662.07	7.09	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
07/12/16	664.54	4.62	NOT SAMPLED							
10/10/16	663.14	6.02	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE MENT 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
Kopatz Property BRRTS# 03-38-231379

Well MW-7

PVC Elevation = 663.39 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/26/15	658.48	4.91	3.8	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
08/31/15	656.06	7.33	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
07/12/16	658.36	5.03	NOT SAMPLED							
10/10/16	657.63	5.76	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE MENT 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-8

PVC Elevation = 666.62 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/26/15	664.71	1.91	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
08/31/15	661.69	4.93	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
07/12/16	663.46	3.16	NOT SAMPLED							
10/10/16	663.24	3.38	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
ENFORCE MENT 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).

Potable W8317 PW (On Site Well)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
04/09/13	NM	NM	NS	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
09/18/14	NM	NM	NS	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
05/26/15	NM	NM	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
08/31/15	NM	NM	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
07/12/16	NM	NM	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
10/10/16	NM	NM	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE MENT 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
Kopatz Property BRRS# 03-38-231379

W8302 PW

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/18/14	NM	NM	1.0	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
09/18/14	NOT SAMPLED									
05/26/15	NOT SAMPLED									
08/31/15	NOT SAMPLED									
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).

W8305 PW

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
09/18/14	NM	NM	NS	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
05/26/15	NOT SAMPLED									
08/31/15	NOT SAMPLED									
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).

W8308 PW

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/18/14	NM	NM	0.9	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
09/18/14	NOT SAMPLED									
05/26/15	NOT SAMPLED									
08/31/15	NOT SAMPLED									
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
Kopatz Property BRRTS# 03-38-231379

W8318 PW

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/18/14	NM	NM	<0.7	<0.24	<0.27	<0.26	<0.49	<0.24	<0.57	<0.94
09/18/14	NOT SAMPLED									
05/26/15	NOT SAMPLED									
08/31/15	NOT SAMPLED									
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
Kopatz Property BRRTS# 03-38-231379

SUMP

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
05/18/15	NM	NM	NS	22.1	30	<0.49	6.7	238	27.7	237
08/31/15	NOT SAMPLED									
07/12/16	NM	NM	NS	0.86	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
10/10/16	NM	NM	NS	1.04	1.89	<1.1	<1.6	5.9	2.73-4.23	20.7
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.7 Other
Groundwater NA Indicator Results
Kopatz Property BRRTS# 03-38-231379

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
06/18/14	0.89	6.24	5	12.2	2998	<0.15	61.8	1.44	2840
09/18/14	1.04	6.32	-29	14.7	3098	NS	NS	NS	NS
05/26/15	2.05	6.97	26	8.7	2320	NS	NS	NS	NS
08/31/15	1.18	7.15	-5	15.8	1072	NS	NS	NS	NS
07/12/16	2.04	6.63	-5	15.3	948	NS	NS	NS	NS
10/10/16	0.14	6.56	-86	14.7	1495	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
 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)	Man-ganese (ppb)
06/18/14	0.66	6.52	30	12.3	3524	<0.15	30.2	<0.06	229
09/18/14	0.78	6.46	-35	14.3	4772	NS	NS	NS	NS
05/26/15	2.17	7.36	-12	10.8	2703	NS	NS	NS	NS
08/31/15	1.81	7.6	216	15.6	1297	NS	NS	NS	NS
07/12/16	3.20	6.87	-32	15.1	1050	NS	NS	NS	NS
10/10/16	0.27	7.03	-63	14.4	2368	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
 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)	Man-ganese (ppb)
06/18/14	1.40	6.65	150	13.7	559	<0.15	5.16	<0.06	231
09/18/14	1.05	6.40	91	14.9	512	NS	NS	NS	NS
05/26/15	2.39	7.48	7	11.1	6	NS	NS	NS	NS
08/31/15	1.27	7.75	-19	15.5	1366	NS	NS	NS	NS
07/12/16	1.95	7.12	198	14.3	733	NS	NS	NS	NS
10/10/16	0.18	7.17	218	14.9	1649	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
 Note: Elevations are presented in feet mean sea level (msl).

A.7 Other

Groundwater NA Indicator Results

Kopatz Property BRRS# 03-38-231379

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
06/18/14	0.97	7.16	44	12.4	1006	<0.15	8.14	<0.06	363
09/18/14	1.42	6.00	101	13.8	1069	NS	NS	NS	NS
05/26/15	2.51	7.41	202	10.5	852	NS	NS	NS	NS
08/31/15	2.96	7.51	197	15.4	1379	NS	NS	NS	NS
07/12/16	NOT SAMPLED					NS	NS	NS	NS
10/10/16	0.36	6.76	273	15.0	9241	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(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	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
06/18/14	5.35	7.2	182	10.3	603	2.87	15.8	<0.06	39.3
09/18/14	5.08	6.96	204	13.8	682	NS	NS	NS	NS
05/26/15	3.73	8.12	219	9.8	789	NS	NS	NS	NS
08/31/15	2.87	8.02	197	15.1	1036	NS	NS	NS	NS
07/12/16	NOT SAMPLED					NS	NS	NS	NS
10/10/16	2.35	7.57	272	13.3	783	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(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	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
06/18/14	3.96	7.32	203	13.0	1023	4.30	16.4	<0.06	75.5
09/18/14	4.21	6.92	245	15.1	554	NS	NS	NS	NS
05/26/15	3.32	7.63	187	11.1	963	NS	NS	NS	NS
08/31/15	2.82	7.46	189	15.9	961	NS	NS	NS	NS
07/12/16	NOT SAMPLED					NS	NS	NS	NS
10/10/16	0.76	7.14	249	15.2	1259	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(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.7 Other
Groundwater NA Indicator Results
Kopatz Property BRRTS# 03-38-231379

Well MW-7

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
05/26/15	3.76	7.65	98	12.0	420	NS	NS	NS	NS
08/31/15	3.61	8.2	161	15.6	1267	NS	NS	NS	NS
07/12/16	NOT SAMPLED					NS	NS	NS	NS
10/10/16	1.29	7.33	265	13.3	485	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(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-8

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
05/26/15	4.12	7.29	111	11.9	745	NS	NS	NS	NS
08/31/15	3.49	6.59	237	15.4	822	NS	NS	NS	NS
07/12/16	NOT SAMPLED					NS	NS	NS	NS
10/10/16	0.85	7.07	257	14.8	818	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(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.6 Water Level Elevations
Kopatz Property BRRTS# 03-38-231379
Marinette, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
Ground Surface (feet msl)	669.87	668.60	667.06	667.39	670.92	669.52	663.72	667.00
PVC top (feet msl)	669.54	668.20	666.72	667.08	670.45	669.16	663.39	666.62
Well Depth (feet)	12.00	12.00	14.00	12.00	14.00	14.00	13.00	13.00
Top of screen (feet msl)	667.87	666.60	663.06	665.39	666.92	665.52	660.72	664.00
Bottom of screen (feet msl)	657.87	656.60	653.06	655.39	656.92	655.52	650.72	654.00

Depth to Water From Top of PVC (feet)								
06/18/14	4.86	3.84	3.57	3.01	6.34	3.46	NI	NI
09/18/14	5.72	3.77	3.48	2.63	6.06	3.32	NI	NI
05/26/15	5.50	4.38	3.81	3.44	7.31	4.58	4.91	1.91
08/31/15	8.19	6.58	6.31	5.79	10.09	7.09	7.33	4.93
07/12/16	5.62	4.57	4.45	3.77	7.62	4.62	5.03	3.16
10/10/16	6.92	5.25	4.81	4.32	8.59	6.02	5.76	3.38

Depth to Water From Ground Surface (feet)								
06/18/14	5.19	4.24	3.91	3.32	6.81	3.82	NI	NI
09/18/14	6.05	4.17	3.82	2.94	6.53	3.68	NI	NI
05/26/15	5.83	4.78	4.15	3.75	7.78	4.94	5.24	2.29
08/31/15	8.52	6.98	6.65	6.10	10.56	7.45	7.66	5.31
07/12/16	5.95	4.97	4.79	4.08	8.09	4.98	5.36	3.54
10/10/16	7.25	5.65	5.15	4.63	9.06	6.38	6.09	3.76

Groundwater Elevation (feet msl)								
06/18/14	664.68	664.36	663.15	664.07	664.11	665.70	NI	NI
09/18/14	663.82	664.43	663.24	664.45	664.39	665.84	NI	NI
05/26/15	664.04	663.82	662.91	663.64	663.14	664.58	658.48	664.71
08/31/15	661.35	661.62	660.41	661.29	660.36	662.07	656.06	661.69
07/12/16	663.92	663.63	662.27	663.31	662.83	664.54	658.36	663.46
10/10/16	662.62	662.95	661.91	662.76	661.86	663.14	657.63	663.24

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

7/12/16 Kopatz Property - Crivitz

SB on-site to seal sump and set up for vapor sampling. Sump is hand made through concrete & against wall - will present challenge for sealing. Concrete in poor condition. Contacted Versteegen DNR to inform of challenges - was told to do best we can or get a sample. Sump pump not able to be removed. Plastic sheeting and weighted objects used to hold sheeting in place/seal sump. Air purged from sump (3-5 vols. approx.) using cordless Milwaukee vacuum w/ HEPA filter. Sump will be left to equilibrate and sampled tomorrow.

7/13/16 Kopatz Property - Crivitz

Arrive 11:30

Depart 11:50

PSI before sampling -27

PSI after sampling 0

Sample collected @ 11:45 - submitted to Pace for PVOCP
Collected plastic and returned area to previous condition before departing.

Return the Rain

Vapor Sampling Field Notes



Vapor Sampling photos





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

July 25, 2016

David Larsen
REI Engineering
4080 N. 20th Ave
Wausau, WI 54401

RE: Project: 7396X Kopatz Property-Rev
Pace Project No.: 10355740

Dear David Larsen:

Enclosed are the analytical results for sample(s) received by the laboratory on July 15, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

On July 22nd, 2016 the compound list was edited to short list PVOC/Napthalene.

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

Sincerely,

Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

cc: Scott Blado, REI Engineering



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 7396X Kopatz Property-Rev
Pace Project No.: 10355740

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414	Minnesota Certification #: 027-053-137
525 N 8th Street, Salina, KS 67401	Mississippi Certification #: Pace
A2LA Certification #: 2926.01	Montana Certification #: MT0092
Alaska Certification #: UST-078	Nevada Certification #: MN_00064
Alaska Certification #MN00064	Nebraska Certification #: Pace
Alabama Certification #40770	New Jersey Certification #: MN-002
Arizona Certification #: AZ-0014	New York Certification #: 11647
Arkansas Certification #: 88-0680	North Carolina Certification #: 530
California Certification #: 01155CA	North Carolina State Public Health #: 27700
Colorado Certification #Pace	North Dakota Certification #: R-036
Connecticut Certification #: PH-0256	Ohio EPA #: 4150
EPA Region 8 Certification #: 8TMS-L	Ohio VAP Certification #: CL101
Florida/NELAP Certification #: E87605	Oklahoma Certification #: 9507
Guam Certification #:14-008r	Oregon Certification #: MN200001
Georgia Certification #: 959	Oregon Certification #: MN300001
Georgia EPD #: Pace	Pennsylvania Certification #: 68-00563
Idaho Certification #: MN00064	Puerto Rico Certification
Hawaii Certification #MN00064	Saipan (CNMI) #:MP0003
Illinois Certification #: 200011	South Carolina #:74003001
Indiana Certification#C-MN-01	Texas Certification #: T104704192
Iowa Certification #: 368	Tennessee Certification #: 02818
Kansas Certification #: E-10167	Utah Certification #: MN000642013-4
Kentucky Dept of Envi. Protection - DW #90062	Virginia DGS Certification #: 251
Kentucky Dept of Envi. Protection - WW #:90062	Virginia/VELAP Certification #: Pace
Louisiana DEQ Certification #: 3086	Washington Certification #: C486
Louisiana DHH #: LA140001	West Virginia Certification #: 382
Maine Certification #: 2013011	West Virginia DHHR #:9952C
Maryland Certification #: 322	Wisconsin Certification #: 999407970
Michigan DEPH Certification #: 9909	

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(612)607-1700

SAMPLE SUMMARY

Project: 7396X Kopatz Property-Rev
Pace Project No.: 10355740

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10355740001	Sump	Air	07/13/16 11:45	07/15/16 10:00

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SAMPLE ANALYTE COUNT

Project: 7396X Kopatz Property-Rev
Pace Project No.: 10355740

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10355740001	Sump	TO-15	MJL, MLS	8	PASI-M

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ANALYTICAL RESULTS

Project: 7396X Kopatz Property-Rev
 Pace Project No.: 10355740

Sample: Sump Lab ID: 10355740001 Collected: 07/13/16 11:45 Received: 07/15/16 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Benzene	23.5	ug/m3	0.45	0.17	1.39		07/18/16 16:08	71-43-2	
Ethylbenzene	44.3	ug/m3	1.2	0.59	1.39		07/18/16 16:08	100-41-4	
Naphthalene	6.1	ug/m3	3.7	0.42	1.39		07/18/16 16:08	91-20-3	
Toluene	314	ug/m3	5.4	1.1	6.95		07/19/16 14:49	108-88-3	
1,2,4-Trimethylbenzene	39.1	ug/m3	1.4	0.17	1.39		07/18/16 16:08	95-63-6	
1,3,5-Trimethylbenzene	14.9	ug/m3	1.4	0.25	1.39		07/18/16 16:08	108-67-8	
m&p-Xylene	219	ug/m3	2.5	1.1	1.39		07/18/16 16:08	179601-23-1	
o-Xylene	84.8	ug/m3	1.2	0.49	1.39		07/18/16 16:08	95-47-6	

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QUALIFIERS

Project: 7396X Kopatz Property-Rev
Pace Project No.: 10355740

DEFINITIONS

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

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
SS This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7396X Kopatz Property-Rev
Pace Project No.: 10355740

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10355740001	Sump	TO-15	425902		

REPORT OF LABORATORY ANALYSIS

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10355740

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information: Company: REI Address: 4080 N. 20th Ave Wausau, WI 54401 Email: Sblado@reengineering.com Phone: 765 675 9789 Requested Due Date: TAT		Section B Required Project Information: Report To: Sblado@reengineering.com Copy To: Blasquez H Purchase Order No.: Project Name: Kopitz Property Project Number: 7390X		Section C Invoice Information: Attention: Scott Blado Company Name: REI Address: Sblado@reengineering.com Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #:		19883 Page: 1 of 1
Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE Sump		Valid Media Codes MEDIA Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10		Report Level II. <u> </u> III. <u> </u> IV. <u> </u> Other <u> </u> Method:		Program <input type="checkbox"/> UST 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 WI Reporting Units ug/m ³ <input type="checkbox"/> mg/m ³ <input type="checkbox"/> PPMV <input type="checkbox"/> PPMV <input type="checkbox"/> Other <input type="checkbox"/>		Location of Sampling by State WI Reporting Units ug/m ³ <input type="checkbox"/> mg/m ³ <input type="checkbox"/> PPMV <input type="checkbox"/> PPMV <input type="checkbox"/> Other <input type="checkbox"/>		Report Level II. <u> </u> III. <u> </u> IV. <u> </u> Other <u> </u> Method:		Location of Sampling by State WI Reporting Units ug/m ³ <input type="checkbox"/> mg/m ³ <input type="checkbox"/> PPMV <input type="checkbox"/> PPMV <input type="checkbox"/> Other <input type="checkbox"/>
PID Reading (Client only) 62LC		MEDIA CODE 62LC		PACE Lab ID PVOC+H only 001		
COLLECTED DATE: 7/13/16 TIME: 11:45 DATE: 7/13/16 TIME: 11:45		Canister Pressure (Initial Field - psig) 0		Canister Pressure (Final Field - psig) 0		
Summa Can Number 1672		Flow Control Number NA		ACCEPTED BY / AFFILIATION Scott Blado REI		
DATE: 7/13/16 TIME: 11:45		DATE: 7/13/16 TIME: 3:45		DATE: 7/15/16 TIME: 10:00		
RELINQUISHED BY / AFFILIATION Scott Blado - REI		DATE: 7/13/16 TIME: 3:45		DATE: 7/15/16 TIME: 10:00		
SIGNATURE of SAMPLER: Scott Blado		SIGNATURE of SAMPLER: Scott Blado		SIGNATURE of SAMPLER: Scott Blado		
PRINT Name of SAMPLER: Scott Blado		PRINT Name of SAMPLER: Scott Blado		PRINT Name of SAMPLER: Scott Blado		
DATE Signed (MM/DD/YY) 07/13/16		DATE Signed (MM/DD/YY) 07/13/16		DATE Signed (MM/DD/YY) 07/15/16		

ORIGINAL

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

Air Sample Condition Upon Receipt

Client Name: REI

Project #:

WO#: **10355740**



Courier: Fed Ex UPS Speedee Client

Commercial Pace Other: _____

Tracking Number: 6637 5037 6876

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Optional: Proj. Due Date: _____ Proj. Name: _____

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____

Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): 0 Corrected Temp (°C): 6

Thermom. Used: B88A912167504 B88A0143310098

151401163 151401164

Temp should be above freezing to 6°C Correction Factor: 0

Date & Initials of Person Examining Contents: 7/17/16

Type of ice Received Blue Wet None

Comments:

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

Samples Received:

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

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review:

Carolynne Hunt

Date: 7/18/16

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

Synergy Environmental Lab,

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

DENNIS KOPATZ
DENNIS KOPATZ
N4510 SCHACT ROAD
MARINETTE, WI 54143

Report Date 22-Jul-16

Project Name KOPATZ PROPERTY
Project #

Invoice # E31365

Lab Code 5031365A
Sample ID W8317 PW
Sample Matrix Water
Sample Date 7/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1

Lab Code 5031365B
Sample ID BASEMENT SUMP
Sample Matrix Water
Sample Date 7/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.86 "J"	ug/l	0.46	1.5	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021	7/19/2016	7/19/2016	CJR	1

Project Name KOPATZ PROPERTY
 Project #

Invoice # E31365

Lab Code 5031365C
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 7/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	8.9	ug/l	0.46	1.5	1	GRO95/8021		7/19/2016	CJR	1
Ethylbenzene	237	ug/l	0.73	2.3	1	GRO95/8021		7/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		7/19/2016	CJR	1
Naphthalene	44	ug/l	2.6	8.3	1	GRO95/8021		7/19/2016	CJR	1
Toluene	71	ug/l	0.39	1.2	1	GRO95/8021		7/19/2016	CJR	1
1,2,4-Trimethylbenzene	122	ug/l	0.68	2.2	1	GRO95/8021		7/19/2016	CJR	1
1,3,5-Trimethylbenzene	60	ug/l	0.83	2.6	1	GRO95/8021		7/19/2016	CJR	1
m&p-Xylene	500	ug/l	1.4	4.4	1	GRO95/8021		7/19/2016	CJR	1
o-Xylene	29.7	ug/l	0.66	2.1	1	GRO95/8021		7/19/2016	CJR	1

Lab Code 5031365D
 Sample ID MW-3
 Sample Matrix Water
 Sample Date 7/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	59	ug/l	0.46	1.5	1	GRO95/8021		7/19/2016	CJR	1
Ethylbenzene	164	ug/l	0.73	2.3	1	GRO95/8021		7/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		7/19/2016	CJR	1
Naphthalene	22.9	ug/l	2.6	8.3	1	GRO95/8021		7/19/2016	CJR	1
Toluene	34	ug/l	0.39	1.2	1	GRO95/8021		7/19/2016	CJR	1
1,2,4-Trimethylbenzene	35	ug/l	0.68	2.2	1	GRO95/8021		7/19/2016	CJR	1
1,3,5-Trimethylbenzene	38	ug/l	0.83	2.6	1	GRO95/8021		7/19/2016	CJR	1
m&p-Xylene	97	ug/l	1.4	4.4	1	GRO95/8021		7/19/2016	CJR	1
o-Xylene	13.3	ug/l	0.66	2.1	1	GRO95/8021		7/19/2016	CJR	1

Lab Code 5031365E
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 7/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	5.2	ug/L	0.8	2.6	1	7421		7/19/2016	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	330	ug/l	23	75	50	GRO95/8021		7/20/2016	CJR	1
Ethylbenzene	158	ug/l	36.5	115	50	GRO95/8021		7/20/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 24.5	ug/l	24.5	80	50	GRO95/8021		7/20/2016	CJR	1
Naphthalene	< 130	ug/l	130	415	50	GRO95/8021		7/20/2016	CJR	1
Toluene	360	ug/l	19.5	60	50	GRO95/8021		7/20/2016	CJR	1
1,2,4-Trimethylbenzene	248	ug/l	34	110	50	GRO95/8021		7/20/2016	CJR	1
1,3,5-Trimethylbenzene	80 "J"	ug/l	41.5	130	50	GRO95/8021		7/20/2016	CJR	1
m&p-Xylene	660	ug/l	70	220	50	GRO95/8021		7/20/2016	CJR	1
o-Xylene	380	ug/l	33	105	50	GRO95/8021		7/20/2016	CJR	1

Project Name KOPATZ PROPERTY
 Project #

Invoice # E31365

Lab Code 5031365F
 Sample ID TB
 Sample Matrix Water
 Sample Date 7/12/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	<0.46	ug/l	0.46	1.5	1	GRO95/8021		7/19/2016	CJR	I
Ethylbenzene	<0.73	ug/l	0.73	2.3	1	GRO95/8021		7/19/2016	CJR	I
Methyl tert-butyl ether (MTBE)	<0.49	ug/l	0.49	1.6	1	GRO95/8021		7/19/2016	CJR	I
Naphthalene	<2.6	ug/l	2.6	8.3	1	GRO95/8021		7/19/2016	CJR	I
Toluene	<0.39	ug/l	0.39	1.2	1	GRO95/8021		7/19/2016	CJR	I
1,2,4-Trimethylbenzene	<0.68	ug/l	0.68	2.2	1	GRO95/8021		7/19/2016	CJR	I
1,3,5-Trimethylbenzene	<0.83	ug/l	0.83	2.6	1	GRO95/8021		7/19/2016	CJR	I
m&p-Xylene	<1.4	ug/l	1.4	4.4	1	GRO95/8021		7/19/2016	CJR	I
o-Xylene	<0.66	ug/l	0.66	2.1	1	GRO95/8021		7/19/2016	CJR	I

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # 42 288

Page 1 of 1

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) Byron Eugene
Project (Name / Location): Kopatz Property / Crivitz

Reports To: Dennis Kopatz Invoice To: D. Kopatz
Company: c/o METCO
Address: N 4510 Schacht Rd.
City State Zip: Marquette, WI 54143
Phone: _____
FAX: _____

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<u>SOS-1365A</u>	<u>W8317 PW 7/12</u>	<u>8:45</u>				<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>B</u>	<u>Biosolvent Sump</u>	<u>8:40</u>				<u>N</u>	<u>3</u>	<u>↓</u>	<u>HCL</u>
<u>C</u>	<u>MW-2</u>	<u>9:20</u>				<u>N</u>	<u>3</u>	<u>↓</u>	<u>HCL</u>
<u>D</u>	<u>MW-3</u>	<u>9:40</u>				<u>N</u>	<u>3</u>	<u>↓</u>	<u>HCL</u>
<u>E</u>	<u>MW-1</u>	<u>10:20</u>				<u>Y</u>	<u>4</u>	<u>↓</u>	<u>HCL, HNO3</u>
<u>F</u>	<u>TB</u>						<u>1</u>		<u>HCL</u>

Analysis Requested		Other Analysis	
DRO (Mod DRO Sep 95)			
GRD (Mod GRO Sep 95)			
LEAD			
NITRATE/NITRITE			
OIL & GREASE			
PAH (EPA 8270)			
PCB			
PVOC (EPA 8021)	X		
SULFATE			
TOTAL SUSPENDED SOLIDS			
VOC DW (EPA 5422)			
VOC (EPA 8260)			
8-RCRA METALS			

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)

- * U+C Rates Apply
- * Agent Status

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

Relinquished By: (sign) Byron Eugene Date: 8:00 AM 7/13/06
Received in Laboratory By: Christina Lee Date: 7/14/06
Time: 8:00

Synergy Environmental Lab,

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

DENNIS KOPATZ
 DENNIS KOPATZ
 N4510 SCHACT ROAD
 MARINETTE, WI 54143

Report Date 20-Oct-16

Project Name KOPATZ CRIVITZ
 Project #

Invoice # E31868

Lab Code 5031868A
 Sample ID W8317 PW
 Sample Matrix Water
 Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		10/13/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		10/13/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		10/13/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		10/13/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		10/13/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		10/13/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		10/13/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		10/13/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		10/13/2016	CJR	1

Lab Code 5031868B
 Sample ID BASEMENT SUMP
 Sample Matrix Water
 Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1.04 "J"	ug/l	0.44	1.4	1	8260B		10/18/2016	CJR	1
Ethylbenzene	1.89 "J"	ug/l	0.71	2.3	1	8260B		10/18/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/18/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/18/2016	CJR	1
Toluene	5.9	ug/l	0.44	1.4	1	8260B		10/18/2016	CJR	1
1,2,4-Trimethylbenzene	2.73 "J"	ug/l	1.6	5	1	8260B		10/18/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/18/2016	CJR	1
m&p-Xylene	14.1	ug/l	2.2	6.9	1	8260B		10/18/2016	CJR	1
o-Xylene	6.6	ug/l	0.9	2.9	1	8260B		10/18/2016	CJR	1

Project #

Lab Code 5031868C
 Sample ID MW-8
 Sample Matrix Water
 Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		10/18/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		10/18/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		10/18/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		10/18/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		10/18/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		10/18/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		10/18/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		10/18/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		10/18/2016	CJR	1

Lab Code 5031868D
 Sample ID MW-7
 Sample Matrix Water
 Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		10/18/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		10/18/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		10/18/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		10/18/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		10/18/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		10/18/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		10/18/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		10/18/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		10/18/2016	CJR	1

Lab Code 5031868E
 Sample ID MW-6
 Sample Matrix Water
 Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		10/18/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		10/18/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		10/18/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		10/18/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		10/18/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		10/18/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		10/18/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		10/18/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		10/18/2016	CJR	1

Project #

Lab Code 5031868F
 Sample ID MW-4
 Sample Matrix Water
 Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		10/18/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		10/18/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		10/18/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		10/18/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		10/18/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		10/18/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		10/18/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		10/18/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		10/18/2016	CJR	1

Lab Code 5031868G
 Sample ID MW-5
 Sample Matrix Water
 Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		10/18/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		10/18/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		10/18/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		10/18/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		10/18/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		10/18/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		10/18/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		10/18/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		10/18/2016	CJR	1

Lab Code 5031868H
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	18 "J"	ug/l	9.2	30	20	GRO95/8021		10/19/2016	CJR	1
Ethylbenzene	330	ug/l	14.6	46	20	GRO95/8021		10/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 9.8	ug/l	9.8	32	20	GRO95/8021		10/19/2016	CJR	1
Naphthalene	76 "J"	ug/l	52	166	20	GRO95/8021		10/19/2016	CJR	1
Toluene	440	ug/l	7.8	24	20	GRO95/8021		10/19/2016	CJR	1
1,2,4-Trimethylbenzene	254	ug/l	13.6	44	20	GRO95/8021		10/19/2016	CJR	1
1,3,5-Trimethylbenzene	88	ug/l	16.6	52	20	GRO95/8021		10/19/2016	CJR	1
m&p-Xylene	640	ug/l	28	88	20	GRO95/8021		10/19/2016	CJR	1
o-Xylene	105	ug/l	13.2	42	20	GRO95/8021		10/19/2016	CJR	1

Project Name KOPATZ CRIVITZ

Invoice # E31868

Project #

Lab Code 50318681

Sample ID MW-3

Sample Matrix Water

Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	87	ug/l	4.6	15	10	GRO95/8021		10/19/2016	CJR	1
Ethylbenzene	203	ug/l	7.3	23	10	GRO95/8021		10/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 4.9	ug/l	4.9	16	10	GRO95/8021		10/19/2016	CJR	1
Naphthalene	< 26	ug/l	26	83	10	GRO95/8021		10/19/2016	CJR	1
Toluene	37	ug/l	3.9	12	10	GRO95/8021		10/19/2016	CJR	1
1,2,4-Trimethylbenzene	32	ug/l	6.8	22	10	GRO95/8021		10/19/2016	CJR	1
1,3,5-Trimethylbenzene	32	ug/l	8.3	26	10	GRO95/8021		10/19/2016	CJR	1
m&p-Xylene	91	ug/l	14	44	10	GRO95/8021		10/19/2016	CJR	1
o-Xylene	23.7	ug/l	6.6	21	10	GRO95/8021		10/19/2016	CJR	1

Lab Code 5031868J

Sample ID MW-1

Sample Matrix Water

Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	5.5	ug/L	0.8	2.6	1	7421		10/14/2016	CWT	1

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1810	ug/l	23	75	50	GRO95/8021		10/19/2016	CJR	1
Ethylbenzene	460	ug/l	36.5	115	50	GRO95/8021		10/19/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 24.5	ug/l	24.5	80	50	GRO95/8021		10/19/2016	CJR	1
Naphthalene	196 "J"	ug/l	130	415	50	GRO95/8021		10/19/2016	CJR	1
Toluene	3200	ug/l	19.5	60	50	GRO95/8021		10/19/2016	CJR	1
1,2,4-Trimethylbenzene	590	ug/l	34	110	50	GRO95/8021		10/19/2016	CJR	1
1,3,5-Trimethylbenzene	177	ug/l	41.5	130	50	GRO95/8021		10/19/2016	CJR	1
m&p-Xylene	1920	ug/l	70	220	50	GRO95/8021		10/19/2016	CJR	1
o-Xylene	990	ug/l	33	105	50	GRO95/8021		10/19/2016	CJR	1

Lab Code 5031868K

Sample ID TRIP BLANK

Sample Matrix Water

Sample Date 10/10/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.46	ug/l	0.46	1.5	1	GRO95/8021		10/18/2016	CJR	1
Ethylbenzene	< 0.73	ug/l	0.73	2.3	1	GRO95/8021		10/18/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.49	ug/l	0.49	1.6	1	GRO95/8021		10/18/2016	CJR	1
Naphthalene	< 2.6	ug/l	2.6	8.3	1	GRO95/8021		10/18/2016	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	GRO95/8021		10/18/2016	CJR	1
1,2,4-Trimethylbenzene	< 0.68	ug/l	0.68	2.2	1	GRO95/8021		10/18/2016	CJR	1
1,3,5-Trimethylbenzene	< 0.83	ug/l	0.83	2.6	1	GRO95/8021		10/18/2016	CJR	1
m&p-Xylene	< 1.4	ug/l	1.4	4.4	1	GRO95/8021		10/18/2016	CJR	1
o-Xylene	< 0.66	ug/l	0.66	2.1	1	GRO95/8021		10/18/2016	CJR	1

Project Name KOPATZ CRIVITZ
Project #

Invoice # E31868

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code *Comment*

1 Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # No 287.1

Page 1 of 2

Sample Handling Request

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

Lab ID # _____ Quote No.: _____
Account No.: _____
Project #: _____
Sampler (Signature) Byron Spina
Project (Name / Location) Kopetz Property / Lwiz
Reports To: Dennis Kopetz
Company _____
Address N4510 Schacht Rd
City State Zip Myrnette WI 54143
Phone _____ FAX _____
Invoice To: Dennis Kopetz
Company c/o METCO
Address 709 Gillette St, Ste 3
City State Zip La Crosse WI
Phone _____ FAX _____

Lab ID	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation
<u>5051868A</u>	<u>W8317 DW</u>	<u>10/11/16</u>	<u>950</u>				<u>3</u>	<u>GW</u>	<u>HCL</u>
	<u>Basement Sump</u>		<u>1000</u>						
	<u>MW-8</u>		<u>1030</u>						
	<u>MW-7</u>		<u>1050</u>						
	<u>MW-6</u>		<u>1130</u>						
	<u>MW-4</u>		<u>1150</u>						
	<u>MW-5</u>		<u>1205</u>						
	<u>MW-2</u>		<u>1215</u>						
	<u>MW-3</u>		<u>1140</u>						
	<u>MW-1</u>		<u>105</u>		<u>Y</u>		<u>4</u>		<u>HCL, HNO3</u>

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)

* U + C rates Apply, Agent Status *

Analysis Requested		Other Analysis	
<input checked="" type="checkbox"/>	DRO (Mod DRO Sep 95)	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	LEAD (Disolv)	<input type="checkbox"/>	
<input type="checkbox"/>	NITRATE/NITRITE	<input type="checkbox"/>	
<input type="checkbox"/>	OIL & GREASE	<input type="checkbox"/>	
<input type="checkbox"/>	PAH (EPA 8270)	<input type="checkbox"/>	
<input type="checkbox"/>	PCB	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	PVOC (EPA 8021)	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	PVOC + NAPHTHALENE	<input type="checkbox"/>	
<input type="checkbox"/>	SULFATE	<input type="checkbox"/>	
<input type="checkbox"/>	TOTAL SUSPENDED SOLIDS	<input type="checkbox"/>	
<input type="checkbox"/>	VOC DW (EPA 8422)	<input type="checkbox"/>	
<input type="checkbox"/>	VOC (EPA 8260)	<input type="checkbox"/>	
<input type="checkbox"/>	8-PCRA METALS	<input type="checkbox"/>	
<input type="checkbox"/>	PID/ FID	<input type="checkbox"/>	

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

Relinquished By: (sign) Byron Spina Date 10/11/16 Time 8:00 AM
Received By: (sign) _____ Date: 10/11/16 Time: 8:00

Received in Laboratory By: [Signature] Date: 10/11/16 Time: 8:00

