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August 9, 2018

BRRTS #: 03-04-234613
PECFA #: 54865-9999-99

Carrie Stoltz
Wisconsin Department of Natural Resources
107 Sutliff Avenue
Rhinelander, WI 54501

Subject: Port Wing Automotive – Groundwater Monitoring Report

Dear Ms. Stoltz,

Enclosed is the report for the Port Wing Automotive site located in Port Wing, Wisconsin. **This completes the Public Bidding Deferred workscope approved on January 24, 2017.**

Sub-Slab Vapor Sampling Workscope

On March 7, 2018, Braun Intertec of La Crosse, WI installed three sub-slab vapor sampling ports (SS-01, SS-02, and SS-03) in the floor of the on-site building located at 8950 State Highway 13. 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 ranging from ¾ -inch to 1-inch, depending on the concrete slab thickness. The holes were cleaned of dust and drilling debris using a shop-vac. A stainless-steel vapor pin is installed in the inner hole with a silicon sleeve to obtain an air tight seal with the concrete floor. The remainder of the hole is sealed with hydrated bentonite and a water dam test was conducted to confirm that the seal is air tight.

On March 7, 2018, Braun Intertec collected vapor samples from the sub-slab sampling ports (SS-01, SS-02, and SS-03) for TO-15 (PVOV and Naphthalene) analysis. Vapor samples were collected by using a short length of Teflon tubing to connect the sampling port and a 6-liter Suma canister. 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. 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 air tight. No leaks were detected. The sub-slab soil vapor sampling results are summarized in the attached data table.

Groundwater Monitoring Workscope

On December 11, 2017, METCO collected groundwater samples from seven monitoring wells (MW-1R, MW-2R, MW-3, MW-4, MW-5, MW-6 and MW-7) for PVOC and

Naphthalene analysis, MW-1R was also sampled for Dissolved Lead. Field measurements for water level, Dissolved Oxygen, pH, ORP, specific conductance, and temperature were collected from the sampled monitoring wells.

On March 7, 2018, METCO collected groundwater samples from seven monitoring wells (MW-1R, MW-2R, MW-3, MW-4, MW-5, MW-6 and MW-7) for PVOC and Naphthalene analysis, MW-1R was also sampled for Dissolved Lead. Field measurements for water level, Dissolved Oxygen, pH, ORP, specific conductance, and temperature were collected from the sampled monitoring wells.

On June 5, 2018, METCO collected groundwater samples from seven monitoring wells (MW-1R, MW-2R, MW-3, MW-4, MW-5, MW-6 and MW-7) for PVOC and Naphthalene analysis, MW-1R was also sampled for Dissolved Lead. Field measurements for water level, Dissolved Oxygen, pH, ORP, specific conductance, and temperature were collected from the sampled monitoring wells.

Waste Disposal

On December 12, 2017, DKS Transport Services, LLC, of Menomonie, Wisconsin picked-up and disposed of three drums of soil cuttings at the Advanced Disposal Seven Mile Creek Landfill in Eau Claire, Wisconsin.

Discussion of Sub-Slab Vapor Results

Sub-Slab Vapor Sample SS-01: Showed detects, but no exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

Sub-Slab Vapor Sample SS-02: Showed detects, but no exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

Sub-Slab Vapor Sample SS-03: Showed detects, but no exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

Groundwater Results

Monitoring Well MW-1R: Currently shows NR140 Enforcement Standard (ES) exceedances for Lead (28.0 ppb), Benzene (139 ppb), Ethylbenzene (1610 ppb), Naphthalene (470 ppb), Toluene (2590 ppb), Trimethylbenzenes (2950 ppb), and Xylene (7900 ppb). Based on historic groundwater results, the contaminant concentrations appear to be stable to decreasing.

Monitoring Well MW-2R: Currently shows NR140 Enforcement Standard (ES) exceedances for Benzene (93 ppb), Ethylbenzene (1350 ppb), Naphthalene (430 ppb), Toluene (960 ppb), Trimethylbenzenes (3110 ppb), and Xylene (8290 ppb). Based on historic groundwater results, the contaminant concentrations appear to be stable to decreasing. However, the Benzene and Toluene levels have increased following the excavation project but have been at least stable the last four rounds.

Monitoring Well MW-3: Currently shows an NR140 Preventative Action Limit (PAL) exceedance for Benzene (2.26 ppb).

Monitoring Well MW-4: Currently shows no detects for all contaminants of concern.

Monitoring Well MW-5: Currently shows NR140 Preventative Action Limit (PAL) exceedances for Benzene (1.96 ppb), Naphthalene (23.8 ppb), and Trimethylbenzenes (191 ppb).

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

Monitoring Well MW-7: Currently shows no detects for all contaminants of concern.

Conclusions/Recommendations

Based on current groundwater results, METCO recommends that the Port Wing Automotive 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) The majority of accessible contaminated soil (969 tons) was removed during June 2017 excavation/disposal project.

3) Although a very small area of Direct Contact exceedance exists near EX-14 it is located within the asphalt portion of State Highway 13 Right-Of-Way.

4) No free product has been encountered.

5) Contaminant trends in groundwater appear to be at least stable to decreasing with the exception of Benzene and Toluene following the excavation but have been stable over the last four rounds.

6) Based on the Sub-Slab Vapor Sampling results, there does not appear to be a risk for vapor intrusion.

7) There are no known private wells in the area and the nearest municipal wells are 2,000 and 2,250 feet south of the site.

However, if the state determines that additional monitoring will be required prior to closure, please contact METCO to discuss.

Per WDNR response to this conclusion/recommendation METCO will proceed.

A Detailed Site Map, Groundwater Flow Maps (3), Groundwater Isoconcentration Map, Data Tables, Sub-Slab Vapor Sampling Documentation, Waste Disposal Documentation, 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: Mark Johnson – Client

DETAILED SITE MAP

PORT WING AUTOMOTIVE

METCO
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La Crosse, WI 54603
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Fax: (608) 781-8893
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PORT WING, WISCONSIN

DRAWN BY: ED

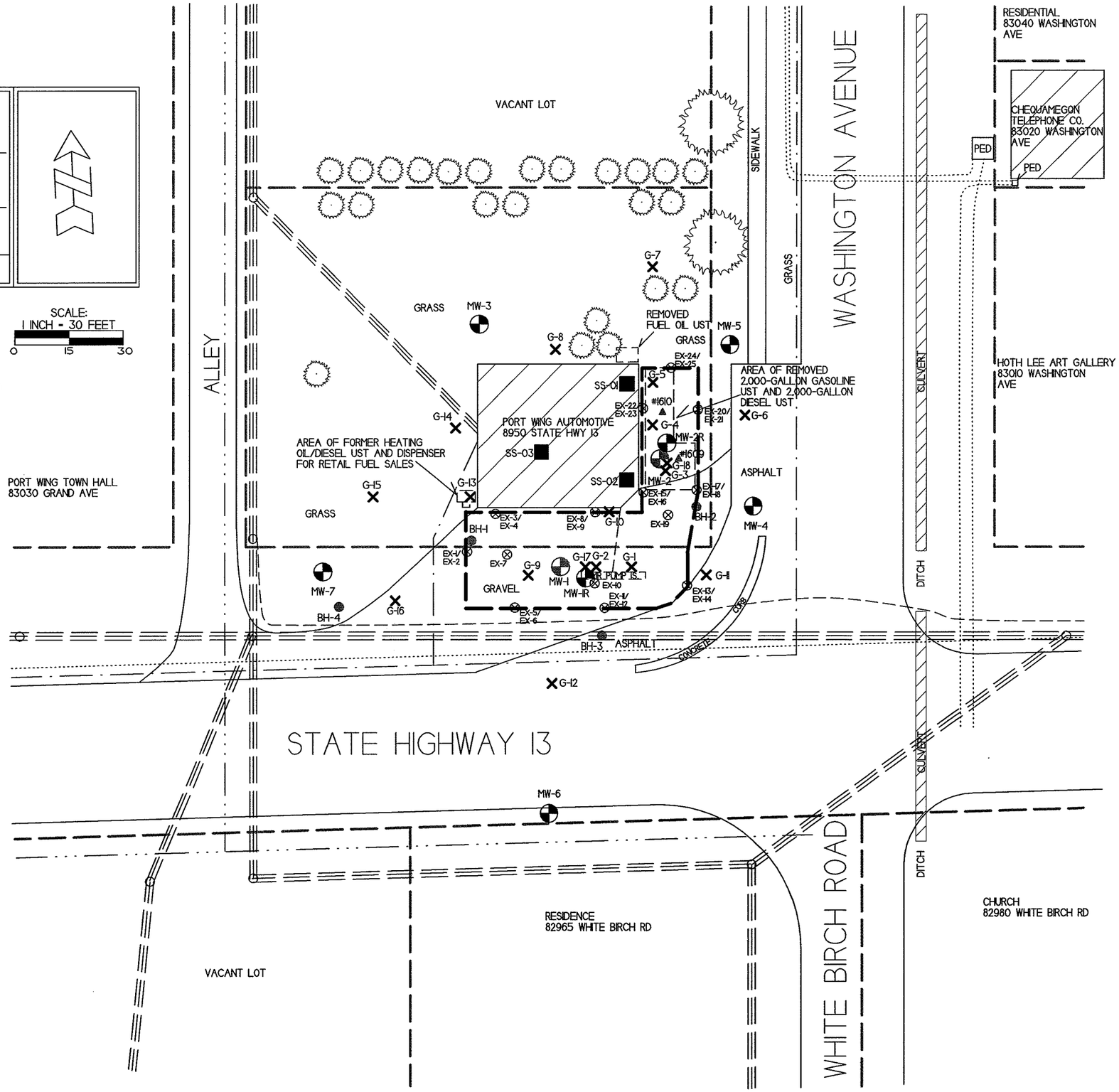
DATE: 12/13/2013

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

SCALE: 1 INCH = 30 FEET
0 15 30

- ▲ - UST CLOSURE SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ● - SOIL BORING LOCATION, DON'S UNION 76 STATION (03-04-100622)
- ⊗ - EXCAVATION PROJECT SOIL SAMPLING LOCATION
- ◒ - MONITORING WELL LOCATION
- ◒ - ABANDONED MONITORING WELL LOCATION
- ■ - SUB SLAB VAPOR SAMPLE LOCATION (3/7/18)
- ——·——·—— - WATER LINE
- ——···——··—— - SANITARY SEWER LINE
- — — — — — — - BURIED ELECTRIC LINE
- ≡≡≡≡≡≡≡ - OVERHEAD UTILITIES
- ------ - TELEPHONE/CABLE LINE
- — — — — — - PROPERTY BOUNDARY

- EXCAVATION AREA (METCO, JUNE 2017)



GROUNDWATER FLOW DIRECTION (12/11/2017)

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0 15 30

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- ✕ - GEOPROBE BORING LOCATION
- ● - SOIL BORING LOCATION, DON'S UNION 76 STATION (03-04-100622)
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- ····· - TELEPHONE/CABLE LINE
- – – – – - PROPERTY BOUNDARY

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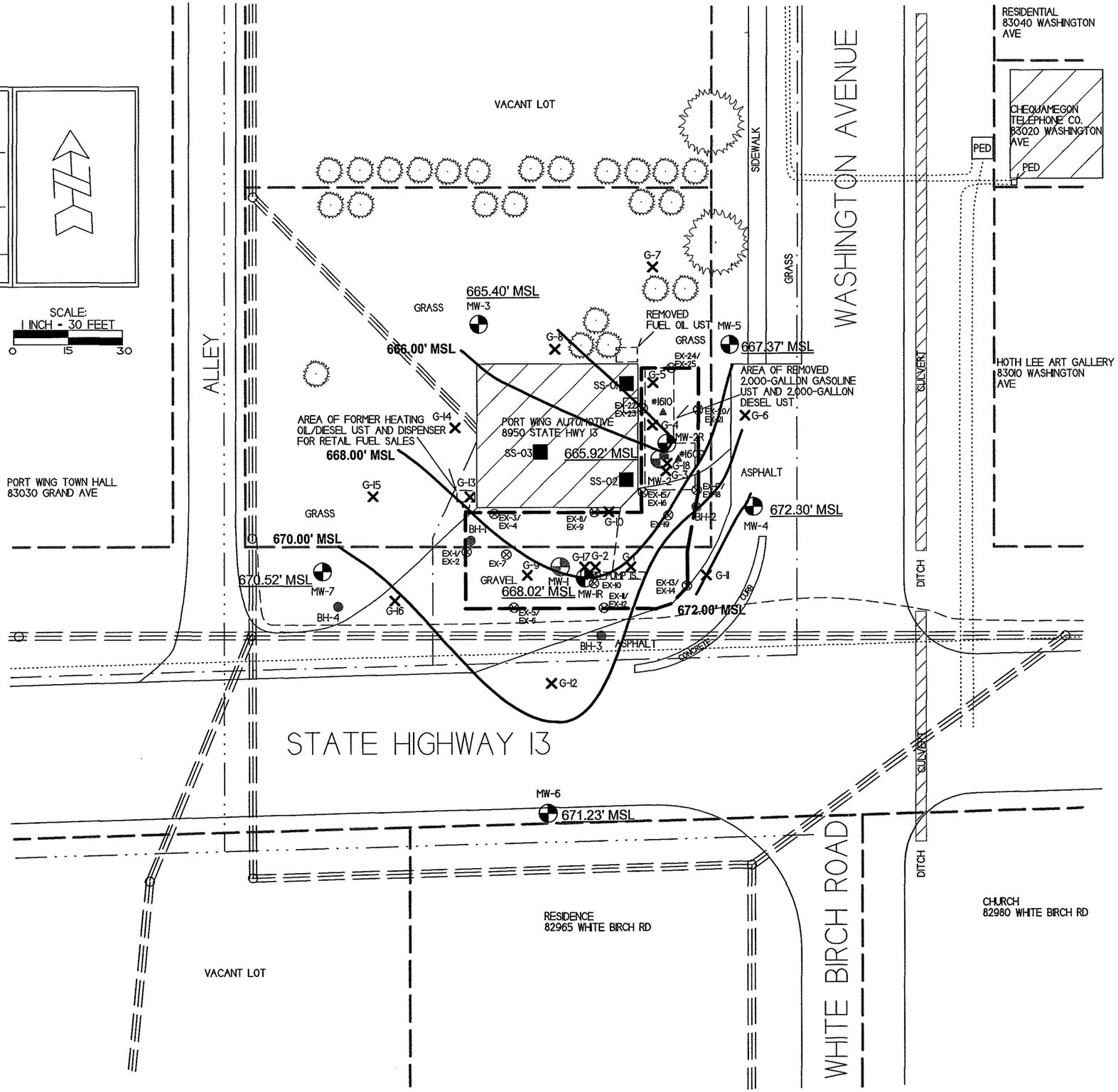

GROUNDWATER FLOW DIRECTION (3/7/2018)

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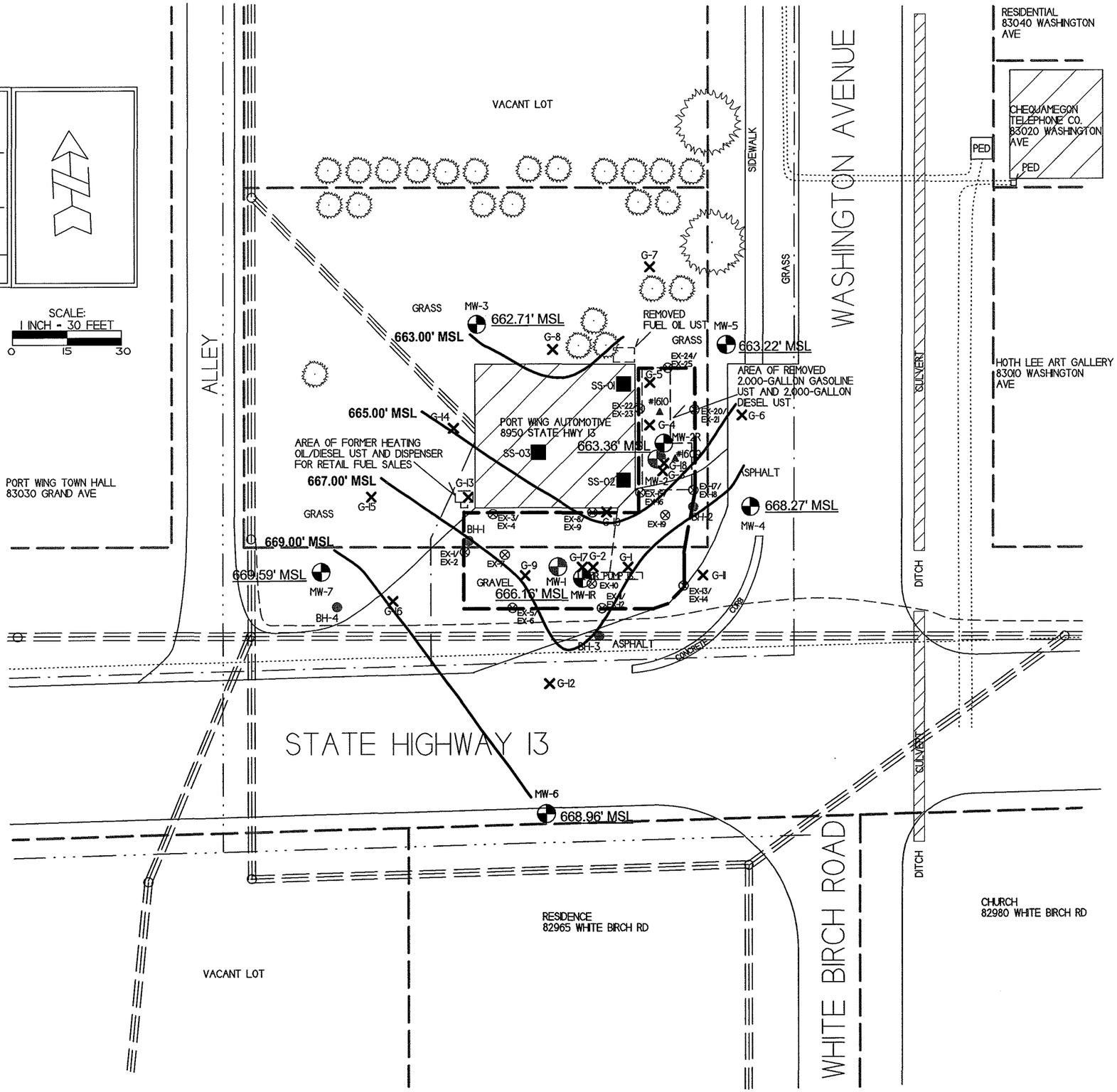
- ▭ - EXCAVATION AREA (METCO, JUNE 2017)



GROUNDWATER FLOW DIRECTION (6/5/2018)

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PORT WING, WISCONSIN

DRAWN BY: ED

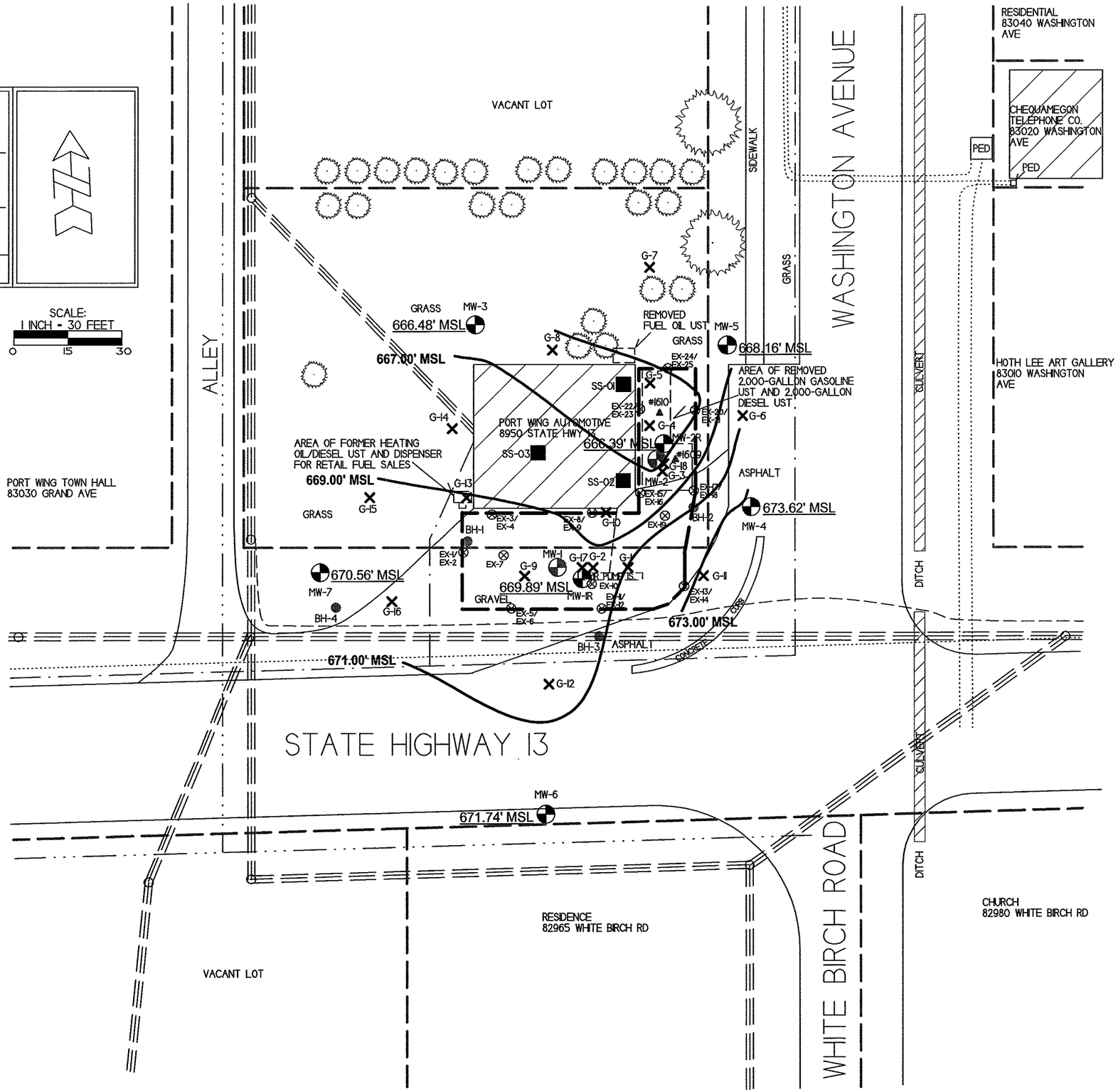
DATE: 12/13/2013

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

SCALE:
1 INCH = 30 FEET
0 15 30

- ▲ - UST CLOSURE SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ● - SOIL BORING LOCATION, DON'S UNION 76 STATION (03-04-100622)
- ⊗ - EXCAVATION PROJECT SOIL SAMPLING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ■ - SUB SLAB VAPOR SAMPLE LOCATION (3/7/18)
- ——·——·—— - WATER LINE
- ——···——··—— - SANITARY SEWER LINE
- — — — — — — - BURIED ELECTRIC LINE
- ═══ - OVERHEAD UTILITIES
- ------ - TELEPHONE/CABLE LINE
- — — — - PROPERTY BOUNDARY

- EXCAVATION AREA (METCO, JUNE 2017)



GROUNDWATER ISOCONCENTRATION (6/5/2018)

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DRAWN BY: ED

DATE: 12/13/2013

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- ◒ - ABANDONED MONITORING WELL LOCATION
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- - WATER LINE
- - SANITARY SEWER LINE
- - BURIED ELECTRIC LINE
- - OVERHEAD UTILITIES
- - TELEPHONE/CABLE LINE
- - PROPERTY BOUNDARY

- EXCAVATION AREA (METCO, JUNE 2017)

ALLEY
PORT WING TOWN HALL
83030 GRAND AVE
VACANT LOT
SIDEWALK
GRASS
WASHINGTON AVENUE
CULVERT
RESIDENTIAL
83040 WASHINGTON AVE
CHEQUAMEGON TELEPHONE CO.
83020 WASHINGTON AVE
PED
HOTH LEE ART GALLERY
83010 WASHINGTON AVE
REMOVED FUEL OIL UST
AREA OF REMOVED 2,000-GALLON GASOLINE UST AND 2,000-GALLON DIESEL UST
PORT WING AUTOMOTIVE
8950 STATE HWY 13
#1610
#1609
AREA OF FORMER HEATING OIL/DIESEL UST AND DISPENSER FOR RETAIL FUEL SALES
ASPHALT
GRAVEL
CONCRETE
DITCH
STATE HIGHWAY 13
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL.
ES
PAL
WHITE BIRCH ROAD
RESIDENCE
82965 WHITE BIRCH RD
CHURCH
82980 WHITE BIRCH RD
MW-1
MW-1R
MW-2
MW-2R
MW-3
MW-4
MW-5
MW-6
MW-7
BH-1
BH-2
BH-3
BH-4
SS-01
SS-02
SS-03
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
G-14
G-15
G-16
G-17
G-18
EX-1/EX-2
EX-3/EX-4
EX-5/EX-6
EX-7
EX-8/EX-9
EX-10
EX-11/EX-12
EX-13/EX-14
EX-15/EX-16
EX-17/EX-18
EX-19
EX-20/EX-21
EX-22/EX-23
EX-24/EX-25

A.1 Groundwater Analytical Table
Port Wing Automotive Site BRRT's#03-04-234613

Well MW-1/1R MW-1R 676.18 9/11/2017
PVC Elevation = MW-1 676.06 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	664.78	11.28	*11.1*	**630**	**1600**	<110	**1130**	**9800**	**5140**	**24700**
09/24/15	662.91	13.15	NS	**740**	**1330**	<49	**610**	**9100**	**4760**	**20000**
12/22/15	663.85	12.21	*7.4*	**830**	**2570**	<49	**1050**	**11400**	**8160**	**26500**
03/22/16	669.44	6.62	**17**	**590**	**1520**	<110	**880**	**8700**	**4960**	**23900**
06/12/17	MW-1 WAS ABANDONED/REMOVED DURING EXCAVATION PROJECT									
08/21/17	MW-1 WAS REPLACE WITH MW-1R									
09/11/17	668.30	7.88	*5.8*	**360**	**1940**	<82	**500**	**11800**	**2840**	**12700**
12/11/17	668.02	8.16	<0.9	**470**	**2070**	<43	**420**	**11300**	**2690**	**11700**
03/07/18	666.16	10.02	1.3	**264**	**1950**	<28	**350**	**10100**	**2360**	**11800**
06/05/18	669.89	6.29	**28.0**	**139**	**1610**	<57	**470**	**2590**	**2950**	**7900**
ENFORCE MENT 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/MW-2R MW-2R 675.47
PVC Elevation = MW-2 675.51 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	666.02	9.49	<0.7	<22	**1230**	<55	**660**	*268*	**4050**	**10340**
09/24/15	665.01	10.50	NS	**33**	**1050**	<24.5	**450**	*211*	**4000**	**8090**
12/22/15	665.44	10.07	NS	**29.9**	**1330**	<24.5	**480**	*370*	**4070**	**9780**
03/22/16	667.26	8.25	NS	<22	**950**	<55	**520**	64	**3410**	**8170**
06/12/17	MW-2 WAS ABANDONED/REMOVED DURING EXCAVATION PROJECT									
08/21/17	MW-2 WAS REPLACE WITH MW-2R									
09/11/17	666.56	8.91	NS	**76**	**1650**	<41	**470**	**860**	**2780**	**10040**
12/11/17	665.92	9.55	NS	**98**	**1600**	<21.5	**570**	**890**	**3130**	**9390**
03/07/18	663.36	12.11	NS	**96**	**2030**	<14	**430**	**1110**	**3080**	**12000**
06/05/18	666.39	9.08	NS	**93**	**1350**	<28.5	**430**	**960**	**3110**	**8290**
ENFORCE MENT 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 = 674.75 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	661.68	13.07	NS	*2.5*	23.3	<1.1	<1.6	5.9	11.8-13.3	22.5
09/24/15	661.66	13.09	NS	*3.6*	27.1	<0.49	<2.6	16	12.7	31.2
12/22/15	664.53	10.22	<0.7	*4.7*	14	<0.49	**314**	2.99	17	18
03/22/16	666.76	7.99	NS	*1.83*	13.3	<1.1	4.9	0.88	14.6	20.34
09/11/17	666.30	8.45	NS	*1.54*	24.6	<0.82	2.41	2.46	19.75	21.7
12/11/17	665.40	9.35	NS	*1.55*	23.1	<0.43	2.49	2.39	20.04	23.3
03/07/18	662.71	12.04	NS	*2.43*	33	<0.28	<2.1	3.9	16.2-16.83	24.3
06/05/18	666.48	8.27	NS	*2.26*	16.1	<0.57	7.7	1.97	22.9	28.4
ENFORCE MENT 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
Port Wing Automotive Site BRRT's#03-04-234613

Well MW-4
PVC Elevation = 676.15 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	669.13	7.02	<0.7	<0.44	<0.71	<1.1	<1.6	0.44	<3.1	<3.1
09/24/15	667.97	8.18	0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/22/15	670.04	6.11	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
03/22/16	672.77	3.38	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/11/17	672.83	3.32	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/11/17	672.30	3.85	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
03/07/18	668.27	7.88	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
06/05/18	673.62	2.53	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT 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-5
PVC Elevation = 675.11 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	664.13	10.98	*6.5*	<0.44	1.9	<1.1	<1.6	<0.44	3.7-4.2	2.42-2.51
09/24/15	667.64	7.47	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/22/15	667.21	7.90	NS	<0.46	10.4	<0.49	<2.6	0.78	18.99	10.33
03/22/16	670.33	4.78	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/11/17	669.29	5.82	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/11/17	667.37	7.74	NS	**5.2**	*181*	<0.43	*56*	10.8	**577**	324.3
03/07/18	663.22	11.89	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
06/05/18	668.16	6.95	NS	*1.96*	61	<0.57	*23.8*	4.8	*191*	104.2
ENFORCE MENT 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-6
PVC Elevation = 678.02 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	669.80	8.22	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/24/15	668.38	9.64	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/22/15	668.81	9.21	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
03/22/16	670.03	7.99	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/11/17	671.16	6.86	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/11/17	671.23	6.79	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
03/07/18	668.96	9.06	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
06/05/18	671.74	6.28	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT 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
Port Wing Automotive Site BRRT's#03-04-234613

Well MW-7
PVC Elevation = 675.13 (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)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	669.85	5.28	<0.7	<0.44	<0.71	<1.1	1.64	<0.44	<3.1	<3.1
09/24/15	669.32	5.81	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/22/15	669.71	5.42	NS	<0.46	<0.73	<0.49	<2.6	<0.39	2.01-2.84	<2.06
03/22/16	670.95	4.18	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/11/17	670.52	4.61	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/11/17	670.52	4.61	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
03/07/18	669.59	5.54	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
06/05/18	670.56	4.57	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCE MENT 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.6 Water Level Elevations
Port Wing Automotive Site BRRT's#03-04-234613
Port Wing, Wisconsin

	MW-1	MW-1R	MW-2	MW-2R	MW-3	MW-4	MW-5	MW-6	MW-7
Ground Surface (feet msl)	676.38	676.52	675.79	675.80	675.23	676.62	675.48	678.38	675.57
PVC top (feet msl)	676.06	676.18	675.51	675.47	674.75	676.15	675.11	678.02	675.13
Well Depth (feet)	14.00	15.00	14.00	15.00	14.00	14.00	14.00	14.00	14.00
Top of screen (feet msl)	672.38	671.52	671.79	670.80	671.23	672.62	671.48	674.38	666.57
Bottom of screen (feet msl)	662.38	661.52	661.79	660.80	661.23	662.62	661.48	664.38	661.57
Depth to Water From Top of PVC (feet)									
6/24/2015	11.28	NI	9.49	NI	13.07	7.02	10.98	8.22	5.28
9/24/2015	13.15	NI	10.50	NI	13.09	8.18	7.47	9.64	5.81
12/22/2015	12.21	NI	10.07	NI	10.22	6.11	7.90	9.21	5.42
3/22/2016	6.62	NI	8.25	NI	7.99	3.38	4.78	7.99	4.18
9/11/2017	A	7.88	A	8.91	8.45	3.32	5.82	6.86	4.61
12/11/2017	A	8.16	A	9.55	9.35	3.85	7.74	6.79	4.61
3/7/2018	A	10.02	A	12.11	12.04	7.88	11.89	9.06	5.54
6/5/2018	A	6.29	A	9.08	8.27	2.53	6.95	6.28	4.57
Depth to Water From Ground Surface (feet)									
6/24/2015	11.60	NI	9.77	NI	13.55	7.49	11.35	8.58	5.72
9/24/2015	13.47	NI	10.78	NI	13.57	8.65	7.84	10.00	6.25
12/22/2015	12.53	NI	10.35	NI	10.70	6.58	8.27	9.57	5.86
3/22/2016	6.94	NI	8.53	NI	8.47	3.85	5.15	8.35	4.62
9/11/2017	A	8.22	A	8.91	8.93	3.79	6.19	7.22	5.05
12/11/2017	A	8.50	A	9.88	9.83	4.32	8.11	7.15	5.05
3/7/2018	A	10.36	A	12.44	12.52	8.35	12.26	9.42	5.98
6/5/2018	A	6.63	A	9.41	8.75	3.00	7.32	6.64	5.01
Groundwater Elevation (feet msl)									
6/24/2015	664.78	NI	666.02	NI	661.68	669.13	664.13	669.80	669.85
9/24/2015	662.91	NI	665.01	NI	661.66	667.97	667.64	668.38	669.32
12/22/2015	663.85	NI	665.44	NI	664.53	670.04	667.21	668.81	669.71
3/22/2016	669.44	NI	667.26	NI	666.76	672.77	670.33	670.03	670.95
9/11/2017	A	668.30	A	666.56	666.30	672.83	669.29	671.16	670.52
12/11/2017	A	668.02	A	665.92	665.40	672.30	667.37	671.23	670.52
3/7/2018	A	666.16	A	663.36	662.71	668.27	663.22	668.96	669.59
6/5/2018	A	669.89	A	666.39	666.48	673.62	668.16	671.74	670.56

CNL = Could Not Locate
A = Abandoned and removed during soil excavation project
NI = Not Installed

A.7 Other
Groundwater NA Indicator Results
Port Wing Automotive Site BRRT's#03-04-234613

Well MW-1/1R

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
06/24/15	4.64	6.67	-66	12.0	2047	0.333	12.3	39.2	**4650**
09/24/15	NOT SAMPLED					NS	NS	NS	NS
12/22/15	2.24	7.16	-83	7.5	728	0.47	40.4	40.4	**3058**
03/22/16	1.63	7.27	-84	7.3	1263	NS	NS	NS	NS
06/12/17	MW-1 WAS ABANDONED/REMOVED DURING EXCAVATION PROJECT								
08/21/17	MW-1 WAS REPLACE WITH MW-1R								
09/11/17	0.27	7.84	99	16.0	3058	NS	NS	NS	NS
12/11/17	0.89	7.69	103	8.8	4132	NS	NS	NS	NS
03/07/18	0.37	7.57	76	6.0	2642	NS	NS	NS	NS
06/05/18	1.25	7.35	191	9.8	NM	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-2/2R

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
06/24/15	2.56	7.24	11	13.7	1006	0.186	9.13	15.1	**1010**
09/24/15	3.05	6.55	-2	16.0	621	NS	NS	NS	NS
12/22/15	2.74	7.59	-78	7.5	655	<0.1	12.5	12.5	**3672**
03/22/16	2.17	7.04	-27	7.3	1386	NS	NS	NS	NS
06/12/17	MW-2 WAS ABANDONED/REMOVED DURING EXCAVATION PROJECT								
08/21/17	MW-2 WAS REPLACE WITH MW-2R								
09/11/17	0.22	7.9	126	15.2	660	NS	NS	NS	NS
12/11/17	1.04	7.98	106	8.1	640	NS	NS	NS	NS
03/07/18	0.33	7.87	97	6.4	583	NS	NS	NS	NS
06/05/18	1.51	7.46	28	8.4	NM	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
Port Wing Automotive Site BRRT's#03-04-234613

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)
06/24/15	NOT SAMPLED								
09/24/15	NOT SAMPLED					NS	NS	NS	NS
12/22/15	2.90	8.31	-40	7.1	418	<0.1	34.1	30.9	**1683**
03/22/16	2.40	7.06	11	7.1	1114	NS	NS	NS	NS
09/11/17	0.22	7.33	129	14.2	633	NS	NS	NS	NS
12/11/17	1.02	7.42	138	7.4	650	NS	NS	NS	NS
03/07/18	0.47	7.62	142	6.1	521	NS	NS	NS	NS
06/05/18	1.98	7.07	11	7.4	NM	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-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
06/24/15	2.97	7.11	22	13.9	1267	1.13	35.5	1.25	*151*
09/24/15	4.16	5.72	210	18.1	1177	NS	NS	NS	NS
12/22/15	4.02	6.68	208	7.4	604	*9.56*	31.1	0.98	*104*
03/22/16	4.03	6.86	204	7.5	522	NS	NS	NS	NS
09/11/17	0.35	7.55	316	19.9	1090	NS	NS	NS	NS
12/11/17	1.59	7.26	306	7.9	940	NS	NS	NS	NS
03/07/18	3.12	7.23	298	5.9	2534	NS	NS	NS	NS
06/05/18	2.89	6.5	284	15.1	NM	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
Port Wing Automotive Site BRRT's#03-04-234613

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
06/24/15	3.69	6.97	74	13.6	1823	0.929	18.3	5.01	**376**
09/24/15	3.17	6.08	200	16.3	1296	NS	NS	NS	NS
12/22/15	3.96	6.54	252	8.2	376	*5.15*	19.3	3.78	*198*
03/22/16	3.91	6.73	180	7.6	816	NS	NS	NS	NS
09/11/17	1.47	6.84	332	15.8	1103	NS	NS	NS	NS
12/11/17	1.10	6.63	387	76.0	1419	NS	NS	NS	NS
03/07/18	2.70	6.72	186	5.7	996	NS	NS	NS	NS
06/05/18	1.96	6.37	148	9.3	NM	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)	Man-ganese (ppb)
06/24/15	4.25	6.79	107	14.0	2915	*2.98*	35.9	0.02	39.7
09/24/15	5.40	5.98	187	16.2	1258	NS	NS	NS	NS
12/22/15	7.51	5.91	239	6.9	894	*2.88*	34.4	0.07	23.3
03/22/16	4.67	6.55	216	7.4	512	NS	NS	NS	NS
09/11/17	2.25	6.95	320	16.8	1703	NS	NS	NS	NS
12/11/17	1.16	6.78	317	11.4	1260	NS	NS	NS	NS
03/07/18	4.05	6.92	308	7.8	1245	NS	NS	NS	NS
06/05/18	3.19	6.24	279	11.1	NM	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
Port Wing Automotive Site BRRT's#03-04-234613

Well MW-7

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
06/24/15	4.12	6.43	81	14.1	3037	1.57	58.4	0.97	**527**
09/24/15	3.94	6.29	177	16.6	891	NS	NS	NS	NS
12/22/15	5.18	6.54	221	8.3	775	0.62	51.7	0.15	**1208**
03/22/16	4.89	6.38	268	7.8	644	NS	NS	NS	NS
09/11/17	0.37	7.12	275	16.3	2239	NS	NS	NS	NS
12/11/17	1.42	7.26	308	6.4	2921	NS	NS	NS	NS
03/07/18	1.10	7.13	296	5.7	2298	NS	NS	NS	NS
06/05/18	1.23	6.34	268	11.0	NM	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.4 Vapor Analytical Table
Sub-Slab Sampling Data Table for Port Wing Automotive
BY METCO

Sub-Slab Sampling conducted Conducted on March 7, 2018

Sample ID	SS-01	SS-02	SS-03	WDNR Small Commercial Sub-Slab Vapor Action Levels for Various VOCs Quick Look-Up Table Updated November, 2017 (ug/m^3)	
Benzene – ug/m^3	7.7	1.1	1.8	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	5.6	<0.22	0.98J	1600	c
Methylene chloride – ug/m^3	NS	NS	NS	87000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m^3	<0.89	<0.87	<0.89	16000	c
Naphthalene – ug/m^3	14.7	2.7J	3.7	120	c
Tetrachloroethylene -ug/m^3	NS	NS	NS	6000	n
Toluene – ug/m^3	13.6	1.2	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	58.4	1.3	11.2	8700	n
Trimethlybenzene (1,3,5) – ug/m^3	17.8	0.73J	2.4	8700	n
Vinyl chloride – ug/m^3	NS	NS	NS	930	c
Xylene (total) -ug/m^3	25.7	1.61J	5.5	15000	n

ug/m^3 = Micrograms per cubic meter.
< = Less than the reporting limit indicated in parentheses.
Bold = Sub-Slab Standard Exceedance
c = Carcinogen
n = Non Carcinogen
J = between Limit of Detection (LOD) and Limit of Quantitaion (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 th blank and sample
E = Result exceeded calibration range

BRAUN INTERTEC

Field Report Form

Project No.:	B1801495	Date:	3/7/18
Project Name:	Portwing Automatic	Personnel:	SS & PC
Location:	Portwing, WI	Time On Site:	10:00 Time Off Site: 14:00
☐ Photos taken and documented.		Project Manager:	NS

Other Braun Intertec Staff:
PAT CARR

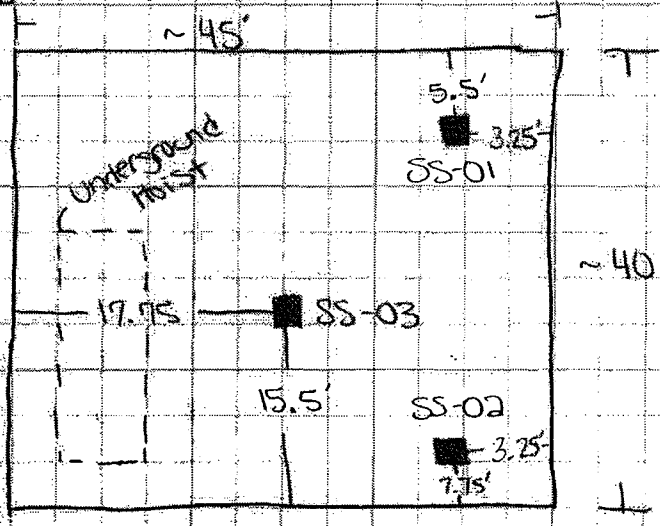
Weather (temperature, wind speed and direction, etc.):
30° & Sunny

Other Personnel (subcontractors, site superintendent, etc.; include time on site and time off site):
Bryce w/ Metco

PPE and Field Equipment Used (e.g., PID; include ID numbers, calibration information, etc.):
#64-PID

Work Completed (include field scope, unexpected issues, action items, log of communication, and site sketch):

- Arrived at office @ 08:00 to load equipment & prepare field forms for fieldwork.
- Left office at 08:30 for site
- Arrived on site. Met w/ Metco rep. - Calibrated PID to 99.9 ppm
- Performed SS-01 vapor tests and set up SS-02 The proposed location of SS-03 was near an underground hoist. Spoke w/ Jason Powell (Metco) and it was decided to relocate to the Central portion of building. Completed SS-03.



Signature: Samantha Summidt

BRAUN INTERTEC

Vapor Pin® Installation and Soil Vapor Sampling Form

Project No.:	B1801495	Sample ID:	SS-01
Project Name:	Portwing Automotive	Date:	3/7/18
Location:	Portwing, WI	Personnel:	SS & PC

Radon or VOC mitigation system in building? ☐ Present ☐ Operating NA

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 # 104
- ☐ Covers (permanent installation)
- ☒ Shop-Vac / broom & dustpan
- ☒ Concrete patch

Vapor Pin® Installation

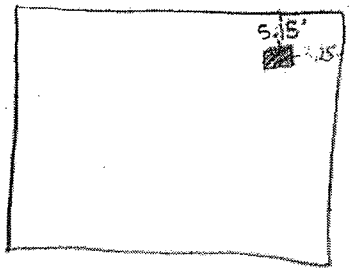
Installation Date: 3/8/18

Installation Type:
- ☒ Temporary
- ☐ Permanent
  - ☐ Stainless steel cover
  - ☐ Plastic cover

Concrete Thickness (inches): 4"

☒ Concrete patch (if temporary)

Sketch of pin location with measurements to walls:



Soil Vapor Sampling

Relative sub-slab pressure (±pascals): +0.1

☒ Water dam test passed

☒ Shut-in test passed

☒ Purged 200 mL air prior to sampling

Sampling Canister ID: 624
☐ 1 Liter ☒ 6 Liters

Flow Controller ID: 545
☐ None ☒ 200 mL/min

Canister Vacuum on Label ("Hg): -30

Canister Initial Vacuum ("Hg): -30

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: 12:05

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: 12:50

PID Reading (ppm): 0.2

Notes:

Moist beneath slab on southwestern portion of the building. Multiple cracks noted throughout entire floor slab.

BRAUN INTERTEC

Vapor Pin® Installation and Soil Vapor Sampling Form

Project No.:	B1801495	Sample ID:	SS-02
Project Name:	Portwing Maintenance	Date:	3/7/18
Location:	Portwing, WI	Personnel:	SS & FR

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 # 104
- ☐ Covers (permanent installation)
- ☒ Shop-Vac / broom & dustpan
- ☒ Concrete patch

Vapor Pin® Installation

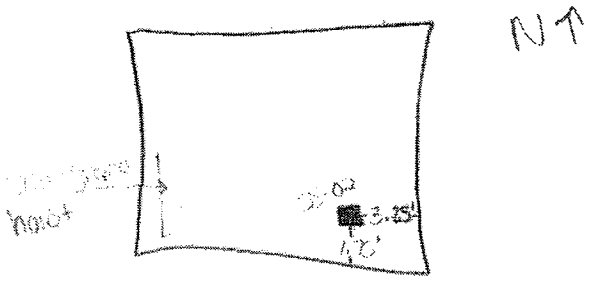
Installation Date: 3/7/18

Installation Type:
- ☐ Temporary
- ☐ Permanent
  - ☐ Stainless steel cover
  - ☐ Plastic cover

Concrete Thickness (inches): 4"

☐ Concrete patch (if temporary)

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: 1693
☐ 1 Liter ☒ 6 Liters

Flow Controller ID: 960
☐ None ☒ 200 mL/min

Canister Vacuum on Label ("Hg): -30

Canister Initial Vacuum ("Hg): -29.5

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: 12:35

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: 13:20

PID Reading (ppm): 0.0

Notes:

Most recent slab on construction piece of building, multiple cracks throughout entire floor slab.

BRAUN INTERTEC

Vapor Pin® Installation and Soil Vapor Sampling Form

Project No.:	B1801495	Sample ID:	SS-03
Project Name:	Portwing Automotive	Date:	3/7/18
Location:	Portwing, WI	Personnel:	SS & RC

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 # 64
- ☐ Covers (permanent installation)
- ☑ Shop-Vac / broom & dustpan
- ☑ Concrete patch

Vapor Pin® Installation

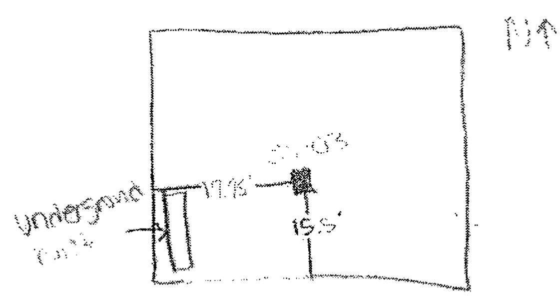
Installation Date: 3/7/18

Installation Type:
- ☑ Temporary
- ☐ Permanent
  - ☐ Stainless steel cover
  - ☐ Plastic cover

Concrete Thickness (inches): 4"

☒ Concrete patch (if temporary)

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: 500
☐ 1 Liter ☑ 6 Liters

Flow Controller ID: 180
☐ 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: 12:45

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

Canister Final Vacuum ("Hg): -1.5

Collection End Time: 13:35

PID Reading (ppm): 0.1

Notes:

Hoist beneath slab on southwestern portion of building in proposed location of SS-03. Spoke w Jason [illegible] (metco) & decided to move boring to [illegible] central portion of building (see location sketch). Multiple cracks noted throughout entire floor slab

Attachment A to SOP 405 – Sub-Slab Soil Vapor Sampling (03/02/2018)

DKS Transport Services, LLC
N7349 548th Street
Menomonie, WI 54751
715-556-2604

INVOICE

12-12 20 17

CUSTOMER: Metco c/o Mark Johnson
709 Gillette St
La Crosse WI 54603

JOB NAME: Polk Mfg Auto - Polk Wing, WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	Mobilization	1	287 70	287 70
	3	Haul soil drums to Advanced disposal - Eau Claire	3	108 15	324 45
		Thank You			
				TOTAL	612 15

Due upon receipt of invoice.
1.5% per month Service Charge (18% Annual Percentage Rate) will be added to past due accounts.

SIGNATURE _____

203

Synergy Environmental Lab,

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

MARK JOHNSON
MARK JOHNSON
PO BOX 73
MENOMINEE, WI 54751

Report Date *02-Jan-18*

Project Name PORT WING AUTOMOTIVE **Invoice #** E34041
Project #

Lab Code 5034041A
Sample ID MW-6
Sample Matrix Water
Sample Date 12/11/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		12/14/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		12/14/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		12/14/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		12/14/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		12/14/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		12/14/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		12/14/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		12/14/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		12/14/2017	TCC	1

Lab Code 5034041B
Sample ID MW-7
Sample Matrix Water
Sample Date 12/11/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		12/14/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		12/14/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		12/14/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		12/14/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		12/14/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		12/14/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		12/14/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		12/14/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		12/14/2017	TCC	1

Project Name PORT WING AUTOMOTIVE **Invoice #** E34041
Project #

Lab Code 5034041C
Sample ID MW-4
Sample Matrix Water
Sample Date 12/11/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.27	ug/l	0.27	0.87	1	GRO95/8021		12/14/2017	TCC	1 55
Ethylbenzene		< 0.56	ug/l	0.56	1.77	1	GRO95/8021		12/14/2017	TCC	1 55
Methyl tert-butyl ether (MTBE)		< 0.43	ug/l	0.43	1.36	1	GRO95/8021		12/14/2017	TCC	1 55
Naphthalene		< 1.7	ug/l	1.7	5.27	1	GRO95/8021		12/14/2017	TCC	1 55
Toluene		< 0.33	ug/l	0.33	1.06	1	GRO95/8021		12/14/2017	TCC	1 55
1,2,4-Trimethylbenzene		< 0.56	ug/l	0.56	1.78	1	GRO95/8021		12/14/2017	TCC	1 55
1,3,5-Trimethylbenzene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		12/14/2017	TCC	1 55
m&p-Xylene		< 1.1	ug/l	1.1	3.49	1	GRO95/8021		12/14/2017	TCC	1 55
o-Xylene		< 0.61	ug/l	0.61	1.92	1	GRO95/8021		12/14/2017	TCC	1 55

Lab Code 5034041D
Sample ID MW-5
Sample Matrix Water
Sample Date 12/11/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	5.2		ug/l	0.27	0.87	1	GRO95/8021		12/14/2017	TCC	1
Ethylbenzene	181		ug/l	0.56	1.77	1	GRO95/8021		12/14/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.43	ug/l	0.43	1.36	1	GRO95/8021		12/14/2017	TCC	1
Naphthalene	56		ug/l	1.7	5.27	1	GRO95/8021		12/14/2017	TCC	1
Toluene	10.8		ug/l	0.33	1.06	1	GRO95/8021		12/14/2017	TCC	1
1,2,4-Trimethylbenzene	440		ug/l	0.56	1.78	1	GRO95/8021		12/14/2017	TCC	1
1,3,5-Trimethylbenzene	137		ug/l	0.58	1.84	1	GRO95/8021		12/14/2017	TCC	1
m&p-Xylene	307		ug/l	1.1	3.49	1	GRO95/8021		12/14/2017	TCC	1
o-Xylene	17.3		ug/l	0.61	1.92	1	GRO95/8021		12/14/2017	TCC	1

Lab Code 5034041E
Sample ID MW-3
Sample Matrix Water
Sample Date 12/11/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	1.55		ug/l	0.27	0.87	1	GRO95/8021		12/14/2017	TCC	1
Ethylbenzene	23.1		ug/l	0.56	1.77	1	GRO95/8021		12/14/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.43	ug/l	0.43	1.36	1	GRO95/8021		12/14/2017	TCC	1
Naphthalene	2.49 "J"		ug/l	1.7	5.27	1	GRO95/8021		12/14/2017	TCC	1
Toluene	2.39		ug/l	0.33	1.06	1	GRO95/8021		12/14/2017	TCC	1
1,2,4-Trimethylbenzene	18.3		ug/l	0.56	1.78	1	GRO95/8021		12/14/2017	TCC	1
1,3,5-Trimethylbenzene	1.74 "J"		ug/l	0.58	1.84	1	GRO95/8021		12/14/2017	TCC	1
m&p-Xylene	18.8		ug/l	1.1	3.49	1	GRO95/8021		12/14/2017	TCC	1
o-Xylene	4.5		ug/l	0.61	1.92	1	GRO95/8021		12/14/2017	TCC	1

Project Name PORT WING AUTOMOTIVE **Invoice #** E34041
Project #

Lab Code 5034041F
Sample ID MW-2R
Sample Matrix Water
Sample Date 12/11/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	98		ug/l	13.5	43.5	50	GRO95/8021		12/15/2017	TCC	1
Ethylbenzene	1600		ug/l	28	88.5	50	GRO95/8021		12/15/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 21.5	ug/l	21.5	68	50	GRO95/8021		12/15/2017	TCC	1
Naphthalene	570		ug/l	85	263.5	50	GRO95/8021		12/15/2017	TCC	1
Toluene	890		ug/l	16.5	53	50	GRO95/8021		12/15/2017	TCC	1
1,2,4-Trimethylbenzene	2420		ug/l	28	89	50	GRO95/8021		12/15/2017	TCC	1
1,3,5-Trimethylbenzene	710		ug/l	29	92	50	GRO95/8021		12/15/2017	TCC	1
m&p-Xylene	7000		ug/l	55	174.5	50	GRO95/8021		12/15/2017	TCC	3 64
o-Xylene	2390		ug/l	30.5	96	50	GRO95/8021		12/15/2017	TCC	1

Lab Code 5034041G
Sample ID MW-1R
Sample Matrix Water
Sample Date 12/11/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.9	ug/L	0.9	3	1	7421		12/15/2017	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	470		ug/l	27	87	100	GRO95/8021		12/20/2017	TCC	1
Ethylbenzene	2070		ug/l	56	177	100	GRO95/8021		12/20/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 43	ug/l	43	136	100	GRO95/8021		12/20/2017	TCC	1
Naphthalene	420 "J"		ug/l	170	527	100	GRO95/8021		12/20/2017	TCC	1
Toluene	11300		ug/l	33	106	100	GRO95/8021		12/20/2017	TCC	1
1,2,4-Trimethylbenzene	2060		ug/l	56	178	100	GRO95/8021		12/20/2017	TCC	1
1,3,5-Trimethylbenzene	630		ug/l	58	184	100	GRO95/8021		12/20/2017	TCC	1
m&p-Xylene	8200		ug/l	110	349	100	GRO95/8021		12/20/2017	TCC	1
o-Xylene	3500		ug/l	61	192	100	GRO95/8021		12/20/2017	TCC	1

Lab Code 5034041H
Sample ID TB
Sample Matrix Water
Sample Date 12/11/2017

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.27	ug/l	0.27	0.87	1	GRO95/8021		12/18/2017	TCC	1
Ethylbenzene		< 0.56	ug/l	0.56	1.77	1	GRO95/8021		12/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)		< 0.43	ug/l	0.43	1.36	1	GRO95/8021		12/18/2017	TCC	1
Naphthalene		< 1.7	ug/l	1.7	5.27	1	GRO95/8021		12/18/2017	TCC	1
Toluene		< 0.33	ug/l	0.33	1.06	1	GRO95/8021		12/18/2017	TCC	1
1,2,4-Trimethylbenzene		< 0.56	ug/l	0.56	1.78	1	GRO95/8021		12/18/2017	TCC	1
1,3,5-Trimethylbenzene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		12/18/2017	TCC	1
m&p-Xylene		< 1.1	ug/l	1.1	3.49	1	GRO95/8021		12/18/2017	TCC	1
o-Xylene		< 0.61	ug/l	0.61	1.92	1	GRO95/8021		12/18/2017	TCC	1

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

Code	*Comment*
1	Laboratory QC within limits.
3	The matrix spike not within established limits.
55	Vials combined due to sedimentation.
64	Spike recovery failed due to matrix interference.

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

Chain # No 3373

Page 1 of 1

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)

__X__ Normal Turn Around

Account No.: | Quote No.:

Project #:

Sampler: (signature) Barry Tryjan

Project (Name / Location): Port Wing Automotive / Port Wing

Reports To: Mark Johnson	Invoice To: Mark Johnson
Company	Company c/o METCO
Address P.O. Box 73	Address 709 Gillette Street, Suite 3
City State Zip Hurley, WI 54751	City State Zip La Crosse, WI 54603
Phone	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dissolved)	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
A	MW-6	12/6/17	1215			N	3	GW	HCl									X						
B	MW-7		105															X						
C	MW-4		135															X						
D	MW-5		200															Y						
E	MW-3		230															Y						
F	MW-2R		300															X						
G	MW-1R		330			Y	4		HCl,HNO3			X						X						
H	TB						1		HCl									X						

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

Lab to send copy & 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: SC

Temp of Temp Blank ____ °C On Ice: X

Custody Seal Intact upon receipt: ____ Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Barry Tryjan	8:00AM	12/13/17			

Received in Laboratory By: [signature] Time: 8:05 Date: 12/14/17

Pace Analytical®
www.pacelabs.com

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

March 15, 2018

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

RE: Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

Dear Nicholas Stingl:
Enclosed are the analytical results for sample(s) received by the laboratory on March 08, 2018. 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,

Nathan Boberg
nathan.boberg@pacelabs.com
(612)607-6407
Project Manager

Enclosures

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

CERTIFICATIONS

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

Minnesota Certification IDs
1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #:MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970

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

SAMPLE SUMMARY

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10423004001	**SS-01**	Air	03/07/18 12:50	03/08/18 19:45
10423004002	**SS-02**	Air	03/07/18 13:20	03/08/18 19:45
10423004003	**SS-03**	Air	03/07/18 13:35	03/08/18 19:45

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

SAMPLE ANALYTE COUNT

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10423004001	**SS-01**	TO-15	DR1	9
10423004002	**SS-02**	TO-15	DR1	9
10423004003	**SS-03**	TO-15	DR1	9

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

PROJECT NARRATIVE

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

Method: **TO-15**
Description: TO15 MSV AIR
Client: Braun-BLM
Date: March 15, 2018

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.

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ANALYTICAL RESULTS

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

Sample: SS-01 **Lab ID: 10423004001** Collected: 03/07/18 12:50 Received: 03/08/18 19:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Benzene	**7.7**	ug/m3	0.44	0.20	1.34		03/14/18 13:42	71-43-2	
Ethylbenzene	**5.6**	ug/m3	1.2	0.23	1.34		03/14/18 13:42	100-41-4	
Methyl-tert-butyl ether	**<0.89**	ug/m3	4.9	0.89	1.34		03/14/18 13:42	1634-04-4	
Naphthalene	**14.7**	ug/m3	3.6	0.80	1.34		03/14/18 13:42	91-20-3	
Toluene	**13.6**	ug/m3	1.0	0.21	1.34		03/14/18 13:42	108-88-3	
1,2,4-Trimethylbenzene	**58.4**	ug/m3	1.3	0.23	1.34		03/14/18 13:42	95-63-6	
1,3,5-Trimethylbenzene	**17.8**	ug/m3	1.3	0.55	1.34		03/14/18 13:42	108-67-8	
m&p-Xylene	**17.2**	ug/m3	2.4	0.47	1.34		03/14/18 13:42	179601-23-1	
o-Xylene	**8.5**	ug/m3	1.2	0.50	1.34		03/14/18 13:42	95-47-6	

Sample: SS-02 **Lab ID: 10423004002** Collected: 03/07/18 13:20 Received: 03/08/18 19:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Benzene	**1.1**	ug/m3	0.42	0.20	1.3		03/14/18 14:18	71-43-2	
Ethylbenzene	**<0.22**	ug/m3	1.1	0.22	1.3		03/14/18 14:18	100-41-4	
Methyl-tert-butyl ether	**<0.87**	ug/m3	4.8	0.87	1.3		03/14/18 14:18	1634-04-4	
Naphthalene	**2.7J**	ug/m3	3.5	0.78	1.3		03/14/18 14:18	91-20-3	
Toluene	**1.2**	ug/m3	1.0	0.21	1.3		03/14/18 14:18	108-88-3	
1,2,4-Trimethylbenzene	**1.3**	ug/m3	1.3	0.22	1.3		03/14/18 14:18	95-63-6	
1,3,5-Trimethylbenzene	**0.73J**	ug/m3	1.3	0.54	1.3		03/14/18 14:18	108-67-8	
m&p-Xylene	**1.1J**	ug/m3	2.3	0.45	1.3		03/14/18 14:18	179601-23-1	
o-Xylene	**0.51J**	ug/m3	1.1	0.48	1.3		03/14/18 14:18	95-47-6	

Sample: SS-03 **Lab ID: 10423004003** Collected: 03/07/18 13:35 Received: 03/08/18 19:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Benzene	**1.8**	ug/m3	0.44	0.20	1.34		03/14/18 14:53	71-43-2	
Ethylbenzene	**0.98J**	ug/m3	1.2	0.23	1.34		03/14/18 14:53	100-41-4	
Methyl-tert-butyl ether	**<0.89**	ug/m3	4.9	0.89	1.34		03/14/18 14:53	1634-04-4	
Naphthalene	**3.7**	ug/m3	3.6	0.80	1.34		03/14/18 14:53	91-20-3	
Toluene	**3.4**	ug/m3	1.0	0.21	1.34		03/14/18 14:53	108-88-3	
1,2,4-Trimethylbenzene	**11.2**	ug/m3	1.3	0.23	1.34		03/14/18 14:53	95-63-6	
1,3,5-Trimethylbenzene	**2.4**	ug/m3	1.3	0.55	1.34		03/14/18 14:53	108-67-8	
m&p-Xylene	**3.9**	ug/m3	2.4	0.47	1.34		03/14/18 14:53	179601-23-1	
o-Xylene	**1.6**	ug/m3	1.2	0.50	1.34		03/14/18 14:53	95-47-6	

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QUALITY CONTROL DATA

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

QC Batch: 527257 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10423004001, 10423004002, 10423004003

METHOD BLANK: 2860436 Matrix: Air
Associated Lab Samples: 10423004001, 10423004002, 10423004003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/m3	<0.17	1.0	03/14/18 09:56	
1,3,5-Trimethylbenzene	ug/m3	<0.41	1.0	03/14/18 09:56	
Benzene	ug/m3	<0.15	0.32	03/14/18 09:56	
Ethylbenzene	ug/m3	<0.17	0.88	03/14/18 09:56	
m&p-Xylene	ug/m3	<0.35	1.8	03/14/18 09:56	
Methyl-tert-butyl ether	ug/m3	<0.67	3.7	03/14/18 09:56	
Naphthalene	ug/m3	1.5J	2.7	03/14/18 09:56	
o-Xylene	ug/m3	<0.37	0.88	03/14/18 09:56	
Toluene	ug/m3	<0.16	0.77	03/14/18 09:56	

LABORATORY CONTROL SAMPLE: 2860437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/m3	50	55.0	110	70-137	
1,3,5-Trimethylbenzene	ug/m3	50	54.7	109	70-133	
Benzene	ug/m3	32.5	37.4	115	70-134	
Ethylbenzene	ug/m3	44.1	48.9	111	70-133	
m&p-Xylene	ug/m3	88.3	96.6	109	70-133	
Methyl-tert-butyl ether	ug/m3	91.6	101	111	70-132	
Naphthalene	ug/m3	53.3	54.3	102	55-136	
o-Xylene	ug/m3	44.1	46.4	105	70-132	
Toluene	ug/m3	38.3	42.5	111	70-130	

SAMPLE DUPLICATE: 2860634

Parameter	Units	30245141001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/m3	ND	<0.26		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.63		25	
Benzene	ug/m3	ND	0.38J		25	
Ethylbenzene	ug/m3	ND	<0.26		25	
m&p-Xylene	ug/m3	ND	<0.53		25	
Methyl-tert-butyl ether	ug/m3	ND	<1.0		25	
Naphthalene	ug/m3	ND	2.2J		25	
o-Xylene	ug/m3	ND	<0.56		25	
Toluene	ug/m3	ND	0.50J		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

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QUALITY CONTROL DATA

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

SAMPLE DUPLICATE: 2860793

Parameter	Units	30245141002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/m3	ND	0.84J		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.77		25	
Benzene	ug/m3	0.83	0.98	16	25	
Ethylbenzene	ug/m3	ND	<0.32		25	
m&p-Xylene	ug/m3	ND	0.99J		25	
Methyl-tert-butyl ether	ug/m3	ND	<1.2		25	
Naphthalene	ug/m3	ND	2.5J		25	
o-Xylene	ug/m3	ND	<0.69		25	
Toluene	ug/m3	ND	1.2J		25	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

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.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: B1801495 Portwing Automotive
Pace Project No.: 10423004

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10423004001	**SS-01**	TO-15	527257		
10423004002	**SS-02**	TO-15	527257		
10423004003	**SS-03**	TO-15	527257		

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AIR: CHAIN-OF-CUSTODY / Ai

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fie

WO# : 10423004

10423004

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Braun Intertec	Report To: Nick Stingl	Attention: Braun Intertec
Address: 2829 Palace Street LaCrosse, WI 54603	Copy To:	Company Name:
Email To: nstingl@braunintertec	Purchase Order No.:	Address:
Phone: 608-781-7277 Fax:	Project Name: Portwing Automotive	Pace Quote Reference:
Requested Due Date/TAT: STD	Project Number: B1801495	Pace Project Manager/Sales Rep.
		Pace Profile #:

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

Location of Sampling by State: WI

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

Report Level: II. III. IV. Other

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

ITEM #	*Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START / GRAB DATE	COLLECTED COMPOSITE START / GRAB TIME	COMPOSITE END DATE	COMPOSITE END TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List	Pace Lab ID
1	SS-01	LC	0.2	3/7/18	12:05	-	12:50	-30	-3	6244	5545								X		001
2	SS-02	↓	0.0	3/7/18	12:35	-	13:20	-29.5	-3	16933	9600								X		002
3	SS-03	↓	0.1	3/7/18	12:45	-	13:35	-29	-1.5	5000	11800								X		003
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

TO-15 ShortList
PVOC and Naphthalene

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Samantha Schmidt	3/8/18	16:01		3/8/18	16:01
12 Cup	3-8	1945	Pace	3/8/18	19:45

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Samantha Schmidt

SIGNATURE of SAMPLER: DATE Signed (MM/ DD / YY): 3/7/18

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

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 28Dec2017 Page 1 of 1
	Document No.: F-MN-A-106-rev.14	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Braun

Project #: WO# : 10423004

PM: DN1 Due Date: 03/16/18

CLIENT: Braun-Air

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

Tracking Number: _____

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

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐Bubble Wrap ☐Bubble Bags ☒Foam ☐None ☐Tin Can ☐Other:_____ **Temp Blank rec:** ☐Yes ☒No

Temp. (TO17 and TO13 samples only) (°C): — **Corrected Temp (°C):** — **Thermom. Used:** ☐151401163 ☐G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** — **Date & Initials of Person Examining Contents:** EG 3/9/18

Type of Ice Received ☐Blue ☐Wet ☒None

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

Samples Received: FFFT Pressure Gauge # 10AIR26

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SS-01			0	5					
" -02			-.5	"					
" -03			0	"					

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

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____ **Date:** 3/9/18

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

MARK JOHNSON
MARK JOHNSON
PO BOX 73
MENOMINEE, WI 54751

Report Date *21-Mar-18*

Project Name PORT WING AUTOMOTIVE **Invoice #** E34336
Project #

Lab Code 5034336A
Sample ID MW-6
Sample Matrix Water
Sample Date 3/7/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		3/14/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		3/14/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		3/14/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		3/14/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		3/14/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		3/14/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		3/14/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		3/14/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		3/14/2018	CJR	1

Lab Code 5034336B
Sample ID MW-7
Sample Matrix Water
Sample Date 3/7/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		3/14/2018	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		3/14/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		3/14/2018	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		3/14/2018	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		3/14/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		3/14/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		3/14/2018	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		3/14/2018	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		3/14/2018	CJR	1

Project Name PORT WING AUTOMOTIVE **Invoice #** E34336
Project #

Lab Code 5034336C
Sample ID MW-4
Sample Matrix Water
Sample Date 3/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.22	ug/l	0.22	0.71	1	8260B		3/14/2018	CJR	1
Ethylbenzene		< 0.26	ug/l	0.26	0.83	1	8260B		3/14/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	8260B		3/14/2018	CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65	1	8260B		3/14/2018	CJR	1
Toluene		< 0.19	ug/l	0.19	0.6	1	8260B		3/14/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.8	ug/l	0.8	2.55	1	8260B		3/14/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	8260B		3/14/2018	CJR	1
m&p-Xylene		< 0.43	ug/l	0.43	1.38	1	8260B		3/14/2018	CJR	1
o-Xylene		< 0.29	ug/l	0.29	0.93	1	8260B		3/14/2018	CJR	1

Lab Code 5034336D
Sample ID MW-3
Sample Matrix Water
Sample Date 3/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	2.43		ug/l	0.22	0.71	1	8260B		3/14/2018	CJR	1
Ethylbenzene	33		ug/l	0.26	0.83	1	8260B		3/14/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	8260B		3/14/2018	CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65	1	8260B		3/14/2018	CJR	1
Toluene	3.9		ug/l	0.19	0.6	1	8260B		3/14/2018	CJR	1
1,2,4-Trimethylbenzene	16.2		ug/l	0.8	2.55	1	8260B		3/14/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	8260B		3/14/2018	CJR	1
m&p-Xylene	21		ug/l	0.43	1.38	1	8260B		3/14/2018	CJR	1
o-Xylene	3.3		ug/l	0.29	0.93	1	8260B		3/14/2018	CJR	1

Lab Code 5034336E
Sample ID MW-5
Sample Matrix Water
Sample Date 3/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.22	ug/l	0.22	0.71	1	GRO95/8021		3/19/2018	CJR	1
Ethylbenzene		< 0.26	ug/l	0.26	0.83	1	GRO95/8021		3/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	GRO95/8021		3/19/2018	CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65	1	GRO95/8021		3/19/2018	CJR	1
Toluene		< 0.19	ug/l	0.19	0.6	1	GRO95/8021		3/19/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.8	ug/l	0.8	2.55	1	GRO95/8021		3/19/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	GRO95/8021		3/19/2018	CJR	1
m&p-Xylene		< 0.43	ug/l	0.43	1.38	1	GRO95/8021		3/19/2018	CJR	1
o-Xylene		< 0.29	ug/l	0.29	0.93	1	GRO95/8021		3/19/2018	CJR	1

Project Name PORT WING AUTOMOTIVE **Invoice #** E34336
Project #

Lab Code 5034336F
Sample ID MW-2R
Sample Matrix Water
Sample Date 3/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	96		ug/l	11	35.5	50	8260B		3/14/2018	CJR	1
Ethylbenzene	2030		ug/l	13	41.5	50	8260B		3/14/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 14	ug/l	14	44.5	50	8260B		3/14/2018	CJR	1
Naphthalene	430		ug/l	105	332.5	50	8260B		3/14/2018	CJR	2
Toluene	1110		ug/l	9.5	30	50	8260B		3/14/2018	CJR	1
1,2,4-Trimethylbenzene	2410		ug/l	40	127.5	50	8260B		3/14/2018	CJR	1
1,3,5-Trimethylbenzene	670		ug/l	31.5	100	50	8260B		3/14/2018	CJR	1
m&p-Xylene	8700		ug/l	21.5	69	50	8260B		3/14/2018	CJR	1
o-Xylene	3300		ug/l	14.5	46.5	50	8260B		3/14/2018	CJR	1

Lab Code 5034336G
Sample ID MW-1R
Sample Matrix Water
Sample Date 3/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	1.3 "J"		ug/L	0.9	3	1	7421		3/13/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	264		ug/l	22	71	100	GRO95/8021		3/20/2018	CJR	1
Ethylbenzene	1950		ug/l	26	83	100	GRO95/8021		3/20/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 28	ug/l	28	89	100	GRO95/8021		3/20/2018	CJR	1
Naphthalene	350 "J"		ug/l	210	665	100	GRO95/8021		3/20/2018	CJR	1
Toluene	10100		ug/l	19	60	100	GRO95/8021		3/20/2018	CJR	3
1,2,4-Trimethylbenzene	1820		ug/l	80	255	100	GRO95/8021		3/20/2018	CJR	1
1,3,5-Trimethylbenzene	540		ug/l	63	200	100	GRO95/8021		3/20/2018	CJR	1
m&p-Xylene	8500		ug/l	43	138	100	GRO95/8021		3/20/2018	CJR	1
o-Xylene	3300		ug/l	29	93	100	GRO95/8021		3/20/2018	CJR	1

Lab Code 5034336H
Sample ID TB
Sample Matrix Water
Sample Date 3/7/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.22	ug/l	0.22	0.71	1	GRO95/8021		3/19/2018	CJR	1
Ethylbenzene		< 0.26	ug/l	0.26	0.83	1	GRO95/8021		3/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	GRO95/8021		3/19/2018	CJR	1
Naphthalene		< 2.1	ug/l	2.1	6.65	1	GRO95/8021		3/19/2018	CJR	1
Toluene		< 0.19	ug/l	0.19	0.6	1	GRO95/8021		3/19/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.8	ug/l	0.8	2.55	1	GRO95/8021		3/19/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.63	ug/l	0.63	2	1	GRO95/8021		3/19/2018	CJR	1
m&p-Xylene		< 0.43	ug/l	0.43	1.38	1	GRO95/8021		3/19/2018	CJR	1
o-Xylene		< 0.29	ug/l	0.29	0.93	1	GRO95/8021		3/19/2018	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.
2	Relative percent difference failed for laboratory spiked samples.
3	The matrix spike not within established 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 3365

Page 1 of 1

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

Lab I.D.
Account No.: Quote No.:
Project #:
Sampler: (signature) Bruce Kramer

Project (Name / Location): Port Wing Automotive / Port Wing

Reports To: Mark Johnson	Invoice To: Mark Johnson
Company	Company c/o METCO
Address P.O. Box 73	Address 709 Gillette Street, Suite 3
City State Zip Menomonie, WI 54751	City State Zip La Crosse, WI 54603
Phone	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dissolved)	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
565433bA	MW-6	3/7/18	1020			N	3	GW	HCl									X						
B	MW-7		1130															X						
C	MW-4		1200															X						
D	MW-3		1225															X						
E	MW-5		1245															X						
F	MW-2R		1900															X						
G	MW-1R		200			Y	4		HCl, HNO_3			X						X						
H	TB						1		HCl									X						

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)
* Agent Status
* U + C rates apply

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Bruce Kramer	8:00AM	3/9/18			

Received in Laboratory By: Time: 10:00 Date: 3/10/18

Synergy Environmental Lab,

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

MARK JOHNSON
MARK JOHNSON
PO BOX 73
MENOMINEE, WI 54751

Report Date *15-Jun-18*

Project Name PORT WING AUTO **Invoice #** E34758
Project #

Lab Code 5034758A
Sample ID MW-6
Sample Matrix Water
Sample Date 6/5/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		6/12/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		6/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/12/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/12/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/12/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		6/12/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		6/12/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		6/12/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		6/12/2018	CJR	1

Lab Code 5034758B
Sample ID MW-7
Sample Matrix Water
Sample Date 6/5/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		6/12/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		6/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/12/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/12/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/12/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		6/12/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		6/12/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		6/12/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		6/12/2018	CJR	1

Project Name PORT WING AUTO **Invoice #** E34758
Project #

Lab Code 5034758C
Sample ID MW-4
Sample Matrix Water
Sample Date 6/5/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.22	ug/l	0.22	0.69	1	GRO95/8021		6/12/2018	CJR	1
Ethylbenzene		< 0.53	ug/l	0.53	1.69	1	GRO95/8021		6/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/12/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/12/2018	CJR	1
Toluene		< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/12/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.73	ug/l	0.73	2.33	1	GRO95/8021		6/12/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		6/12/2018	CJR	1
m&p-Xylene		< 1	ug/l	1	3.17	1	GRO95/8021		6/12/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		6/12/2018	CJR	1

Lab Code 5034758D
Sample ID MW-5
Sample Matrix Water
Sample Date 6/5/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	1.96		ug/l	0.22	0.69	1	GRO95/8021		6/12/2018	CJR	1
Ethylbenzene	61		ug/l	0.53	1.69	1	GRO95/8021		6/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/12/2018	CJR	1
Naphthalene	23.8		ug/l	1.7	5.38	1	GRO95/8021		6/12/2018	CJR	1
Toluene	4.8		ug/l	0.45	1.45	1	GRO95/8021		6/12/2018	CJR	1
1,2,4-Trimethylbenzene	150		ug/l	0.73	2.33	1	GRO95/8021		6/12/2018	CJR	1
1,3,5-Trimethylbenzene	41		ug/l	0.75	2.39	1	GRO95/8021		6/12/2018	CJR	1
m&p-Xylene	101		ug/l	1	3.17	1	GRO95/8021		6/12/2018	CJR	1
o-Xylene	3.2		ug/l	0.58	1.84	1	GRO95/8021		6/12/2018	CJR	1

Lab Code 5034758E
Sample ID MW-3
Sample Matrix Water
Sample Date 6/5/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	2.26		ug/l	0.22	0.69	1	GRO95/8021		6/12/2018	CJR	1
Ethylbenzene	16.1		ug/l	0.53	1.69	1	GRO95/8021		6/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/12/2018	CJR	1
Naphthalene	7.7		ug/l	1.7	5.38	1	GRO95/8021		6/12/2018	CJR	1
Toluene	1.97		ug/l	0.45	1.45	1	GRO95/8021		6/12/2018	CJR	1
1,2,4-Trimethylbenzene	18.4		ug/l	0.73	2.33	1	GRO95/8021		6/12/2018	CJR	1
1,3,5-Trimethylbenzene	4.5		ug/l	0.75	2.39	1	GRO95/8021		6/12/2018	CJR	1
m&p-Xylene	21.4		ug/l	1	3.17	1	GRO95/8021		6/12/2018	CJR	1
o-Xylene	7.0		ug/l	0.58	1.84	1	GRO95/8021		6/12/2018	CJR	1

Project Name PORT WING AUTO **Invoice #** E34758
Project #

Lab Code 5034758F
Sample ID MW-2R
Sample Matrix Water
Sample Date 6/5/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene	93		ug/l	11	34.5	50	GRO95/8021		6/12/2018	CJR	1
Ethylbenzene	1350		ug/l	26.5	84.5	50	GRO95/8021		6/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 28.5	ug/l	28.5	91	50	GRO95/8021		6/12/2018	CJR	1
Naphthalene	430		ug/l	85	269	50	GRO95/8021		6/12/2018	CJR	1
Toluene	960		ug/l	22.5	72.5	50	GRO95/8021		6/12/2018	CJR	1
1,2,4-Trimethylbenzene	2410		ug/l	36.5	116.5	50	GRO95/8021		6/12/2018	CJR	1
1,3,5-Trimethylbenzene	700		ug/l	37.5	119.5	50	GRO95/8021		6/12/2018	CJR	1
m&p-Xylene	6000		ug/l	50	158.5	50	GRO95/8021		6/12/2018	CJR	1
o-Xylene	2290		ug/l	29	92	50	GRO95/8021		6/12/2018	CJR	1

Lab Code 5034758G
Sample ID MW-1R
Sample Matrix Water
Sample Date 6/5/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	28.0		ug/L	1.8	6	2	7421		6/12/2018	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	139		ug/l	22	69	100	GRO95/8021		6/12/2018	CJR	1
Ethylbenzene	1610		ug/l	53	169	100	GRO95/8021		6/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 57	ug/l	57	182	100	GRO95/8021		6/12/2018	CJR	1
Naphthalene	470 "J"		ug/l	170	538	100	GRO95/8021		6/12/2018	CJR	1
Toluene	2590		ug/l	45	145	100	GRO95/8021		6/12/2018	CJR	1
1,2,4-Trimethylbenzene	2270		ug/l	73	233	100	GRO95/8021		6/12/2018	CJR	1
1,3,5-Trimethylbenzene	680		ug/l	75	239	100	GRO95/8021		6/12/2018	CJR	1
m&p-Xylene	6400		ug/l	100	317	100	GRO95/8021		6/12/2018	CJR	1
o-Xylene	1500		ug/l	58	184	100	GRO95/8021		6/12/2018	CJR	1

Lab Code 5034758H
Sample ID TB
Sample Matrix Water
Sample Date 6/5/2018

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic											
PVOC + Naphthalene											
Benzene		< 0.22	ug/l	0.22	0.69	1	GRO95/8021		6/13/2018	CJR	1
Ethylbenzene		< 0.53	ug/l	0.53	1.69	1	GRO95/8021		6/13/2018	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.57	ug/l	0.57	1.82	1	GRO95/8021		6/13/2018	CJR	1
Naphthalene		< 1.7	ug/l	1.7	5.38	1	GRO95/8021		6/13/2018	CJR	1
Toluene		< 0.45	ug/l	0.45	1.45	1	GRO95/8021		6/13/2018	CJR	1
1,2,4-Trimethylbenzene		< 0.73	ug/l	0.73	2.33	1	GRO95/8021		6/13/2018	CJR	1
1,3,5-Trimethylbenzene		< 0.75	ug/l	0.75	2.39	1	GRO95/8021		6/13/2018	CJR	1
m&p-Xylene		< 1	ug/l	1	3.17	1	GRO95/8021		6/13/2018	CJR	1
o-Xylene		< 0.58	ug/l	0.58	1.84	1	GRO95/8021		6/13/2018	CJR	1

Project Name PORT WING AUTO **Invoice #** E34758
Project #

"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 # № 312
Page 1 of 1

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

Lab I.D.#
Account No.: Quote No.:
Project #:
Sampler: (signature) Tyler Woodke
Project (Name / Location): Port Wing Automotive / Port Wing, WI

Reports To: Mark Johnson	Invoice To: Mark Johnson
Company	Company c/o METCO
Address P.O. Box 73	Address 709 Gillette Street, Ste. 3
City State Zip Menomonie, WI 54751	City State Zip La Crosse, WI 54603
Phone	Phone
FAX	FAX

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
503411-58 A	MW-6	6/5/18	930			N	3	GW	HCl									X						
B	MW-7		945															X						
C	MW-4		1020															X						
D	MW-5		1035															X						
E	MW-3		1050															X						
F	MW-2R		1110															X						
G	MW-1R		1140			Y	4		HCl, HNO3			X						X						
H	TB						1		HCl									X						

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)
* UIC Rules Apply
* Agent Status

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Tyler Woodke	3:00pm	6/6/18			

Received in Laboratory By: [signature] Time: 8:00 Date: 6/7/18