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October 5, 2017

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

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

Subject: Port Wing Automotive – Letter Report.

Dear Ms. Stoltz,

Enclosed is the Letter Report for the Port Wing Automotive site located at 8950 State Highway 13 in Port Wing, Wisconsin.

## Geoprobe Project

On March 23, 2017, Geiss Soil and Samples LLC, of Merrill, Wisconsin, conducted a Geoprobe project under the supervision of METCO personnel. During the project, two soil borings (G-17 and G-18) were completed to 6 and 7 feet bgs respectively. Four soil samples were collected during the project for field (PID) and/or laboratory analysis (TCLP-Benzene).

## Soil Excavation/Disposal/Capping Project

On June 12, 2017, DKS Construction Services, Inc. of Menomonie, Wisconsin conducted a soil excavation/disposal project at the subject property under the supervision and direction of METCO personnel. During this project, 969.20 tons of petroleum contaminated soil was excavated and hauled to the Waste Management – Vonco V Landfill in Duluth, Minnesota. Prior to any excavation activities, monitoring wells MW-1 and MW-2 were properly abandoned by METCO personnel. The excavation consisted of an area measuring up to 62 feet long, 27 feet wide, and 8 feet below ground surface (bgs) on the south side of the on-site building with a smaller section measuring up to 40 feet long, 15 feet wide, and 8 feet bgs on the east side of the on-site building in the area of the removed UST.

Twenty-five soil samples were collected from the sidewalls and bottom of the excavation for field (PID) and laboratory analysis (PVOC and Naphthalene). Twenty-two sidewall samples were collected at 3.5 and 7 feet bgs and three bottom sample were collected at 8 feet bgs.

Following the excavation project, the excavation area was backfilled with clean soils and capped with gravel.

## Drilling Project

On August 21, 2017, Twin Ports Testing of Superior, Wisconsin, installed two replacement monitoring wells (MW-1R and MW-2R) under the direction and supervision of METCO personnel. Both monitoring wells were blind drilled and installed to 15 feet bgs. The monitoring wells were not

developed following completion as they were both dry following installation.

**Post Excavation Groundwater Monitoring**

On September 11, 2017, METCO collected groundwater samples from seven of the monitoring wells (MW-1R, MW-2R, MW-3, MW-4, MW-5, MW-6, and MW-7) for PVOC and Naphthalene and dissolved Lead analysis. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. During the groundwater sampling event, the new monitoring wells were surveyed to feet mean sea level (msl) by METCO personnel.

**Soil Results**

Soil Sample G-17-1: Collected at a depth of 3.5 feet bgs, showed no detects for the TCLP Benzene analysis.

Soil Sample G-18-2: Collected at a depth of 7 feet bgs, showed no detects for the TCLP Benzene analysis.

Soil Sample EX-1: Collected at a depth of 3.5 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-2: Collected at a depth of 7.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.69 ppm), Ethylbenzene (4.2 ppm), Naphthalene (7.4 ppm), Toluene (3.05 ppm), Trimethylbenzenes (21.3 ppm), and Xylene (17.5 ppm).

Soil Sample EX-3: Collected at a depth of 3.5 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-4: Collected at a depth of 7.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (8.8 ppm), Ethylbenzene (45 ppm), Naphthalene (12.3 ppm), Toluene (50 ppm), Trimethylbenzenes (134 ppm), and Xylene (221 ppm).

Soil Sample EX-5: Collected at a depth of 3.5 feet bgs, showed detects but no exceedances for PVOC and Naphthalene compounds.

Soil Sample EX-6: Collected at a depth of 7.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (5.6 ppm), Ethylbenzene (27.5 ppm), Naphthalene (13.2 ppm), Toluene (55 ppm), Trimethylbenzenes (123.8 ppm), and Xylene (179 ppm).

Soil Sample EX-7: Collected at a depth of 8.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (4.2 ppm), Ethylbenzene (29.4 ppm), Naphthalene (11.7 ppm), Toluene (50 ppm), Trimethylbenzenes (92 ppm), and Xylene (129 ppm).

Soil Sample EX-8: Collected at a depth of 3.5 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-9: Collected at a depth of 7.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (6.7 ppm), Ethylbenzene (54 ppm), Naphthalene (17 ppm), Toluene (15.5 ppm), and Trimethylbenzenes (191 ppm) as well as a Soil Saturation Concentration (C-sat) exceedance for Xylene (302 ppm).

Soil Sample EX-10: Collected at a depth of 8.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (3.6 ppm), Naphthalene (8.5 ppm), Toluene (15.7 ppm), Trimethylbenzenes (108.7 ppm), and Xylene (97 ppm).

Soil Sample EX-11: Collected at a depth of 3.5 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.65 ppm), Ethylbenzene (3.7 ppm), Naphthalene (4.3 ppm), Toluene (3.12 ppm), Trimethylbenzenes (35.6 ppm), and Xylene (31 ppm).

Soil Sample EX-12: Collected at a depth of 7.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (8.1 ppm), Ethylbenzene (40 ppm), Naphthalene (44 ppm), Toluene (60 ppm), and Trimethylbenzenes (267 ppm) as well as a Soil Saturation Concentration (C-sat) exceedance for Xylene (304 ppm).

Soil Sample EX-13: Collected at a depth of 3.5 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (1.34 ppm), Toluene (13.5 ppm), Trimethylbenzenes (97.6 ppm), and Xylene (94.8 ppm) as well as NR720 Direct Contact exceedances for Ethylbenzene (14.7 ppm) and Naphthalene (11.8 ppm).

Soil Sample EX-14: Collected at a depth of 7.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (15.8 ppm), Ethylbenzene (107 ppm), Naphthalene (64 ppm), Toluene (159 ppm), and 1,3,5-Trimethylbenzene (137 ppm) as well as a Soil Saturation Concentration (C-sat) exceedance for 1,2,4-Trimethylbenzene (420 ppm) and Xylene (597 ppm).

Soil Sample EX-15: Collected at a depth of 3.5 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-16: Collected at a depth of 7.0 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-17: Collected at a depth of 3.5 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.49 ppm), Naphthalene (4.1 ppm), Trimethylbenzenes (26.2 ppm), and Xylene (15.1 ppm).

Soil Sample EX-18: Collected at a depth of 7.0 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-19: Collected at a depth of 8.0 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-20: Collected at a depth of 3.5 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-21: Collected at a depth of 7.0 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-22: Collected at a depth of 3.5 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-23: Collected at a depth of 7.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.248 ppm), Naphthalene (1.21 ppm), Trimethylbenzenes (12.8 ppm), and

Xylene (4.21 ppm).
Soil Sample EX-24: Collected at a depth of 3.5 feet bgs, showed no detects for PVOC and Naphthalene compounds.

Soil Sample EX-25: Collected at a depth of 7.0 feet bgs, showed no detects for PVOC and Naphthalene compounds.

**Groundwater Monitoring Results**

Monitoring Well MW-1R: Currently shows NR140 Enforcement Standard (ES) exceedances for Benzene (360 ppb), Ethylbenzene (1,940 ppb), Naphthalene (500 ppb), Toluene (11,800 ppb), Trimethylbenzenes (2,840 ppb), and Xylene (12,700 ppb), as well as a NR140 Preventative Action Limit (PAL) exceedance Lead (5.8 ppb).

Monitoring Well MW-2R: Currently shows NR140 ES exceedances for Benzene (76 ppb), Ethylbenzene (1,650 ppb), Naphthalene (470 ppb), Toluene (860 ppb), Trimethylbenzenes (2,780 ppb), and Xylene (10,040 ppb).

Monitoring Well MW-3: Currently shows a NR140 PAL exceedance for Benzene (1.54 ppb).

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

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

Monitoring Well MW-6: Currently shows no detects for PVOC and Naphthalene.

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

**Conclusions**

There are three quarterly rounds of post-excavation groundwater monitoring remaining of the approved workscope. The next sampling event (2nd of 4) will be scheduled for mid-December 2017.

An Updated Site Layout Map, Soil Excavation Map, Groundwater Flow Map, Soil Contamination Map, Groundwater Contamination Map, Data Tables, Waste Disposal Documents, Well Abandonment Forms, Well Construction Forms, Soil Boring Logs, 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
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
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PORT WING.
WISCONSIN

DRAWN BY: ED
DATE: 12/13/2013

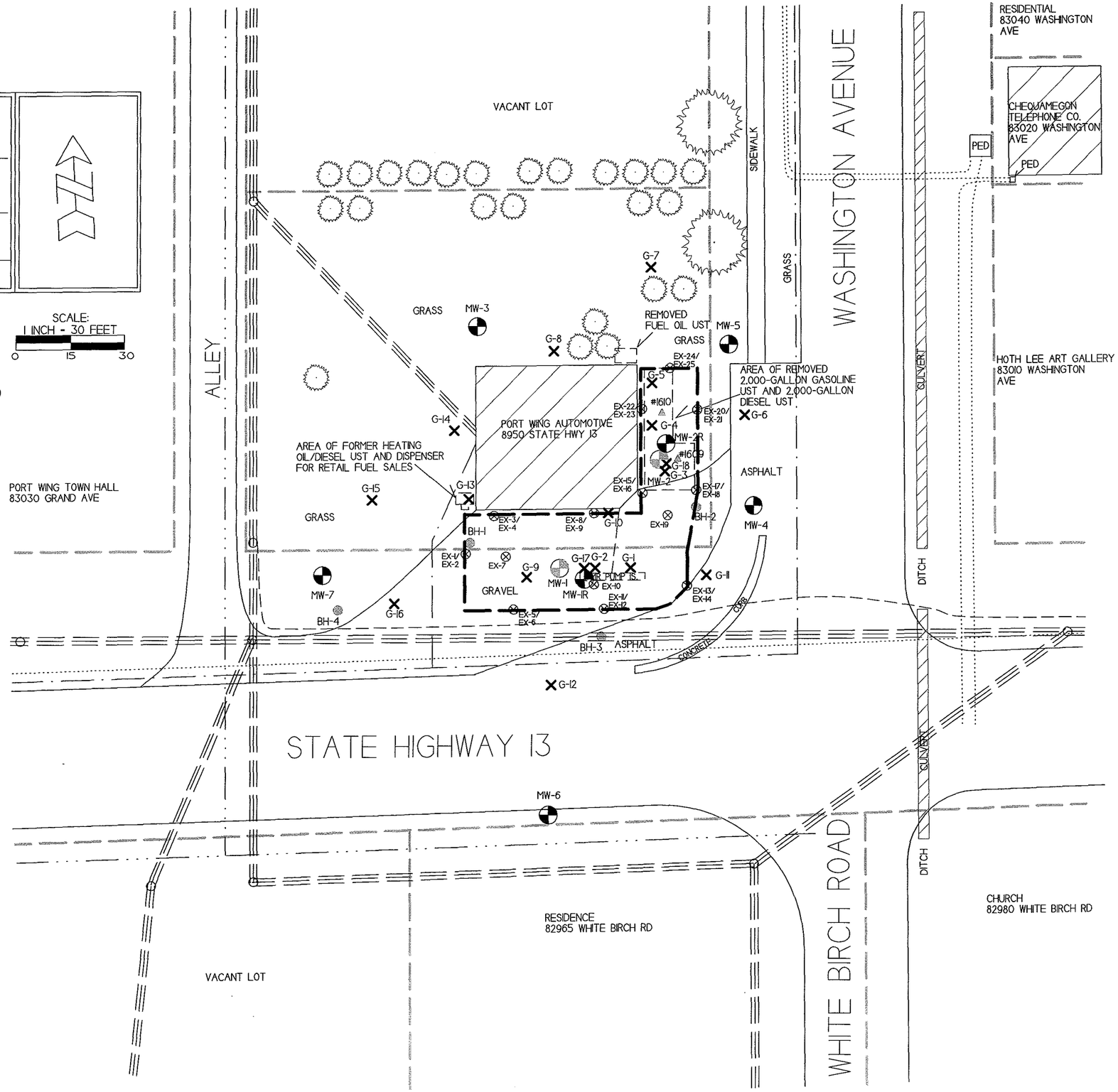
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

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

- WATER LINE
- SANITARY SEWER LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- PROPERTY BOUNDARY

- EXCAVATION AREA (METCO, JUNE 2017)



# EXCAVATION AREA

# PORT WING AUTOMOTIVE

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DRAWN BY: ED

DATE: 12/13/2013

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SCALE:
1 INCH = 20 FEET
0 20

△ = 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

= WATER LINE

= SANITARY SEWER LINE

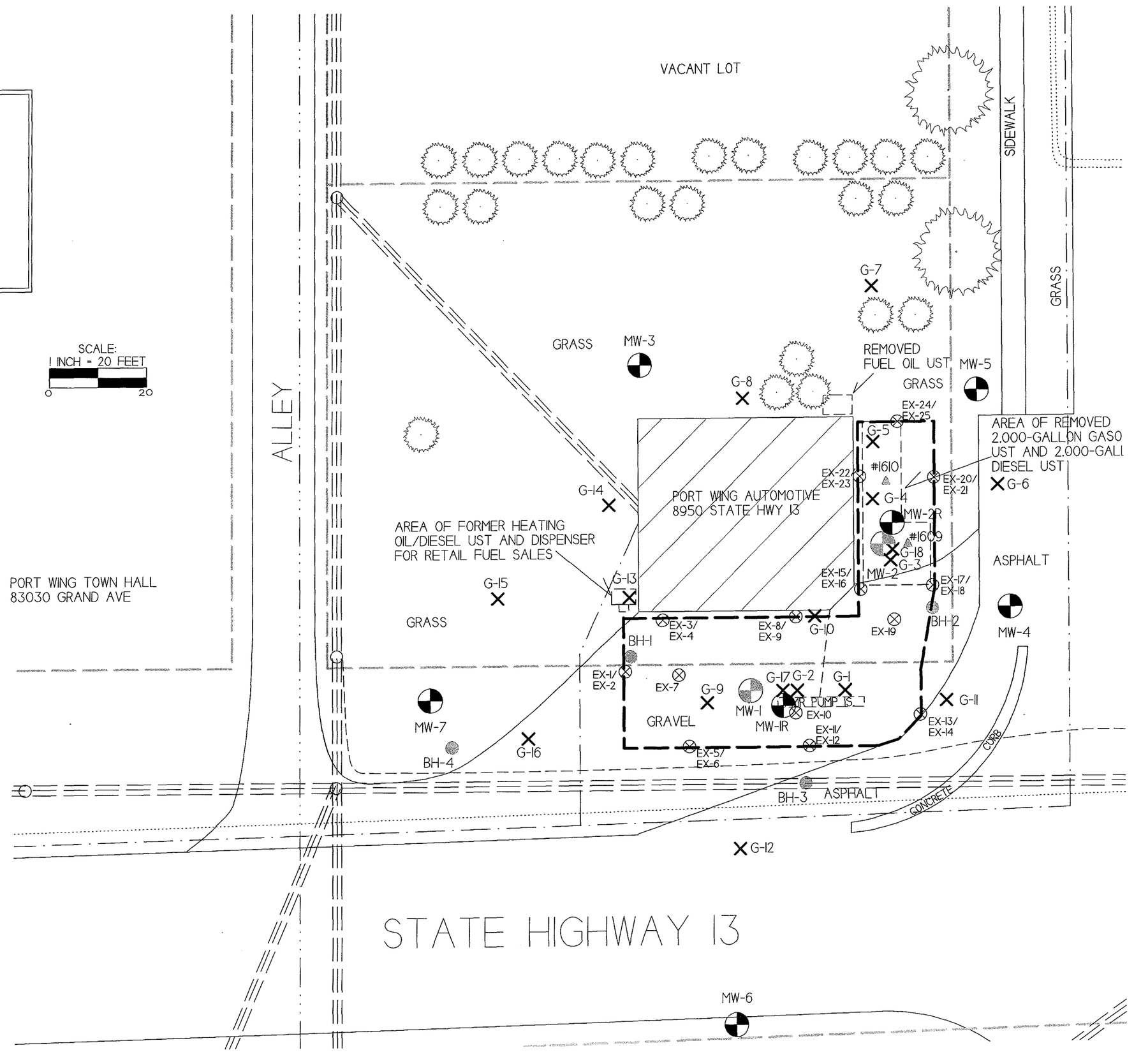
= BURIED ELECTRIC LINE

= OVERHEAD UTILITIES

= TELEPHONE/CABLE LINE

= PROPERTY BOUNDARY

= EXCAVATION AREA (METCO, JUNE 2017)
62' X 27' X 8' AND 40' X 15' X 8'



# GROUNDWATER FLOW DIRECTION (9/11/2017)

# PORT WING AUTOMOTIVE

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DRAWN BY: ED

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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
- WATER LINE
- SANITARY SEWER LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- PROPERTY BOUNDARY
- EXCAVATION AREA (METCO, JUNE 2017)

PORT WING TOWN HALL
83030 GRAND AVE

ALLEY

VACANT LOT

SIDEWALK

WASHINGTON AVENUE

GRASS

CULVERT

RESIDENTIAL
83040 WASHINGTON AVE

CHEQUAMEGON TELEPHONE CO.
83020 WASHINGTON AVE

PED

HOTH LEE ART GALLERY
83010 WASHINGTON AVE

G-7

MW-3
666.30' MSL

667.00' MSL

G-8

REMOVED FUEL OIL UST

MW-5
669.29' MSL

G-5

EX-24/ EX-25

AREA OF REMOVED 2,000-GALLON GASOLINE UST AND 2,000-GALLON DIESEL UST.

G-6

666.56' MSL

G-14

PORT WING AUTOMOTIVE
8950 STATE HWY 13

#1610

EX-22/ EX-23

EX-20/ EX-21

G-4

MW-2R

#1609

G-18

G-3

EX-15/ EX-16

MW-2

EX-17/ EX-18

ASPHALT

AREA OF FORMER HEATING OIL/DIESEL UST AND DISPENSER FOR RETAIL FUEL SALES
669.00' MSL

G-13

G-15

672.83' MSL
MW-4

EX-3/ EX-4

EX-8/ EX-9

G-10

EX-19

BH-2

BH-1

670.52' MSL
MW-7

EX-1/ EX-2

EX-7

G-9

MW-1

G-17

G-2

G-1

MW-1R

EX-10

PUMP IS.

G-11

GRAVEL

668.30' MSL

EX-11/ EX-12

EX-13/ EX-14

EX-5/ EX-6

BH-4

G-16

BH-3

ASPHALT

CONCRETE

CURB

G-12

STATE HIGHWAY 13

671.00' MSL

MW-6
671.16' MSL

DITCH

CULVERT

CHURCH
82980 WHITE BIRCH RD

RESIDENCE
82965 WHITE BIRCH RD

VACANT LOT

WHITE BIRCH ROAD

# SOIL CONTAMINATION

# PORT WING AUTOMOTIVE

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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)
- SOIL EXCAVATION PROJECT (METCO, JUNE 2017)
- MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION

- WATER LINE
- SANITARY SEWER LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- PROPERTY BOUNDARY

- EXCAVATION AREA (METCO, JUNE 2017)

PORT WING TOWN HALL
83030 GRAND AVE

VACANT LOT
ALLEY
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
AREA OF FORMER HEATING OIL/DIESEL UST AND DISPENSER FOR RETAIL FUEL SALES
ASPHALT
GRAVEL
DISPENSER PUMP ISLAND
DITCH
CULVERT
CURB
CONCRETE
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN SOIL EXCEEDING NR720 GROUNDWATER RCL'S AND/OR SOIL SATURATION CONCENTRATION (C-SAT) VALUES.
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S AND/OR SOIL SATURATION CONCENTRATION (C-SAT) VALUES.
STATE HIGHWAY 13
WHITE BIRCH ROAD
RESIDENCE
82965 WHITE BIRCH RD
CHURCH
82980 WHITE BIRCH RD
VACANT LOT

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
#1610 #1609
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-17/EX-18 EX-19 EX-20/EX-21 EX-22/EX-23 EX-24/EX-25 EX-26/EX-27

# GROUNDWATER ISOCONCENTRATION (9/11/2017)

# PORT WING AUTOMOTIVE

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La Crosse, WI 54603
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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

- WATER LINE
- SANITARY SEWER LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- PROPERTY BOUNDARY

- EXCAVATION AREA (METCO, JUNE 2017)

PORT WING TOWN HALL
83030 GRAND AVE

VACANT LOT
ALLEY
SIDEWALK
GRASS
WASHINGTON AVENUE
CULVERT
RESIDENTIAL
83040 WASHINGTON AVE
CHEQUAMEGON TELEPHONE CO.
83020 WASHINGTON AVE
PED
HOTH LEE ART GALLERY
83010 WASHINGTON AVE
PAL
ES
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
CURB
DITCH
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
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
STATE HIGHWAY 13
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL.
RESIDENCE
82965 WHITE BIRCH RD
CHURCH
82980 WHITE BIRCH RD
WHITE BIRCH ROAD

**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** |
| 09/11/17 | 668.30 | 7.88 | *5.8* | **360** | **1940** | <82 | **500** | **11800** | **2840** | **12700** |
| | | | | | | | | | | |
| 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** |
| 09/11/17 | 666.56 | 8.91 | NS | **76** | **1650** | <41 | **470** | **860** | **2780** | **10040** |
| | | | | | | | | | | |
| 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 |
| | | | | | | | | | | |
| 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 |
| | | | | | | | | | | |
| 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 |
| | | | | | | | | | | |
| 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 |
| | | | | | | | | | | |
| 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-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 |
| | | | | | | | | | | |
| 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.2. Soil Analytical Results Table**
**Port Wing Automotive BRRTS# 03-04-234613**

| | | | | | | | | | | | | | | | | | | DIRECT CONTACT PVOC & PAH COMBINED | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | Depth (feet) | Saturation U/S | Date | PID | Lead (ppm) | DRO (ppm) | GRO (ppm) | Benzene (ppm) | Ethyl Benzene (ppm) | MTBE (ppm) | Naph-thalene (ppm) | Toluene (ppm) | 1,2,4-Trime-thylbenzene (ppm) | 1,3,5-Trime-thylbenzene (ppm) | Xylene (Total) (ppm) | TPH (total) (ppm) | Other VOC's (ppb) | Exeedance Count | Hazard Index | Cumulative Cancer Risk |
| BH-1 | 4-6.5 | U | 11/02/89 | NOT SAMPLED | | | | | | | | | | | | 83 | NS | 0 | | |
| BH-2 | 2-3.5 | U | 11/02/89 | NOT SAMPLED | | | | | | | | | | | | <10 | NS | 0 | | |
| BH-3 | 9.5-10 | U | 02/26/90 | NOT SAMPLED | | | | | | | | | | | | <1.0 | NS | | | |
| BH-4 | 5-5.5 | U | 02/26/90 | NOT SAMPLED | | | | | | | | | | | | <10.0 | NS | | | |
| #1609 | 8.0 | U | 10/11/99 | NS | NS | NS | 3200 | <1 | **7.20** | **7.10** | NS | <1 | **160** | **66** | **35.10** | NS | NS | | | |
| #1610 | 8.0 | U | 10/11/99 | NS | NS | 72 | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| G-1-1 | 3.5 | U | 06/03/14 | 605 | **62.4** | NS | NS | **5.2** | **1.65** | <1.25 | **13.20** | **3.06** | **(279)*** | **(217)*** | **158** | NS | NS | **4** | 1.9382 | 7.7E-06 |
| G-1-2 | 7.0 | U | 06/03/14 | 810 | NS | NS | NS | **8** | **62** | <0.250 | **43** | **63** | **271*** | **86** | **434*** | NS | NS | | | |
| G-2-1 | 3.5 | U | 06/03/14 | 1550 | **36** | NS | NS | **(36)** | **(37)** | <0.500 | **(45)** | **88** | **(330)*** | **109** | **(577)*** | NS | NS | **6** | 2.7447 | 3.7E-05 |
| G-2-2 | 7.0 | U | 06/03/14 | 1520 | NS | NS | NS | **4.6** | **6.2** | <0.250 | **10.3** | **15.2** | **72** | **23.2** | **114** | NS | NS | | | |
| G-3-1 | 3.5 | U | 06/03/14 | 0 | **74.6** | NS | NS | <0.025 | <0.025 | <0.025 | 0.046 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | 0 | 0.1869 | 8.30E-09 |
| G-3-2 | 7.5 | U | 06/03/14 | 470 | NS | NS | NS | **0.730** | 0.670 | <0.025 | **1.83** | 0.072 | **13.8** | **5.2** | **6.95** | NS | NS | | | |
| G-4-1 | 3.5 | U | 06/03/14 | 0 | 25.5 | NS | NS | **0.370** | 0.530 | <0.025 | 0.205 | 0.151 | **5.5** | **3.4** | 3.93 | NS | NS | 0 | 0.0360 | 3.9E-07 |
| G-4-2 | 7.0 | U | 06/03/14 | 900 | NS | NS | NS | **3.2** | **29.2** | <0.250 | **10.8** | **11.1** | **68** | **23.4** | **149** | NS | NS | | | |
| G-5-1 | 3.5 | U | 06/03/14 | 0 | 20.3 | NS | NS | <0.025 | <0.025 | <0.025 | <0.0211 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | 0 | | |
| G-5-2 | 7.0 | U | 06/03/14 | 1800 | 4.49 | NS | NS | <0.0092 | 0.750 | <0.030 | **0.890** | <0.020 | **12.6** | **5.9** | **6.52** | NS | SEE VOC SHEET | | | |
| G-6-1 | 3.5 | U | 06/03/14 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | 0 | | |
| G-6-2 | 7.0 | U | 06/03/14 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| G-7-1 | 3.5 | U | 06/03/14 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | 0 | | |
| G-7-2 | 7.0 | U | 06/03/14 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| G-8-1 | 3.5 | U | 06/03/14 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | 0 | | |
| G-8-2 | 6.0 | U | 06/03/14 | 5 | NS | NS | NS | <0.025 | 0.095 | <0.025 | **0.750** | <0.025 | 0.570 | 0.224 | 0.104-0.129 | NS | NS | | | |
| G-9-1 | 3.5 | U | 06/03/14 | 25 | 3.68 | NS | NS | **0.035** | 0.102 | <0.025 | 0.0303 | 0.077 | 0.580 | 0.184 | 0.743 | NS | NS | 0 | 0.0036 | 4.0E-08 |
| G-9-2 | 8.0 | U | 06/03/14 | 400 | NS | NS | NS | **18.8** | **91** | <0.500 | **39** | **320** | **294*** | **92** | **630*** | NS | NS | | | |
| G-10-1 | 3.5 | U | 06/03/14 | 5 | 3.81 | NS | NS | <0.025 | <0.025 | <0.025 | <0.0211 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | 0 | | |
| G-10-2 | 8.0 | U | 06/03/14 | 755 | NS | NS | NS | **1.73** | **6.2** | <0.125 | **4** | **0.500** | **53** | **20** | **26.43** | NS | NS | | | |
| G-11-1 | 3.5 | U | 06/03/14 | 0 | <1.5 | NS | NS | <0.025 | <0.025 | <0.025 | <0.0211 | 0.0283 | <0.025 | <0.025 | <0.050 | NS | NS | 0 | | |
| G-11-2 | 6.0 | U | 06/03/14 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.0211 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | | | |
| G-12-1 | 3.5 | U | 06/03/14 | 0 | <1.5 | NS | NS | <0.025 | <0.025 | <0.025 | <0.0211 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | 0 | | |
| G-12-2 | 6.0 | U | 06/03/14 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | | | |
| G-13-1 | 3.5 | U | 06/03/14 | 100 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.0211 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | | | |
| G-13-2 | 9.0 | U | 06/03/14 | 330 | NS | NS | NS | **7** | **9.9** | <0.250 | **17.9** | 0.770 | **33** | **13.6** | **54.6** | NS | NS | | | |
| G-14-1 | 3.5 | U | 06/03/14 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.0211 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | 0 | | |
| G-14-2 | 8.0 | U | 06/03/14 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | | | |
| G-15-1 | 3.5 | U | 06/03/14 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.0211 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | 0 | 0 | 1.6E-08 |
| G-15-2 | 8.0 | S | 06/03/14 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.050 | NS | NS | | | |
| G-16-1 | 3.5 | U | 06/03/14 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | 0 | | |
| G-16-2 | 8.0 | S | 06/03/14 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-1-1 | 3.5 | U | 03/31/15 | 1400 | NS | 1810 | 3700 | **(14.2)** | **(41)** | <0.5 | **(47)** | **56** | **(340)*** | **111** | **(566)*** | NS | <0.45 TCLP Lead<br><0.05 TCLP Benzene | **5** | 2.3496 | 2.3E-05 |
| MW-1-2 | 7.0 | U | 03/31/15 | 1475 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-1-3 | 14.0 | S | 03/31/15 | 425 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-2-1 | 3.5 | U | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | 0 | | |
| MW-2-2 | 7.0 | U | 03/31/15 | 1350 | NS | 1150 | 3030 | **21** | **77** | <1.25 | **46** | **13.30** | **274*** | **101** | **542*** | NS | NS | | | |
| MW-2-3 | 14.0 | S | 03/31/15 | 1255 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-3-1 | 3.5 | U | 03/31/15 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| MW-3-2 | 7.0 | U | 03/31/15 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | | | |
| MW-3-3 | 14.0 | S | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-4-1 | 3.5 | U | 03/31/15 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| MW-4-2 | 8.0 | U | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-4-3 | 14.0 | S | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-5-1 | 3.5 | U | 03/31/15 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| MW-5-2 | 8.0 | U | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-5-3 | 14.0 | S | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-6-1 | 3.5 | U | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | 0 | | |
| MW-6-2 | 8.0 | U | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-6-3 | 14.0 | S | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| MW-7-1 | 3.5 | U | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | 0 | | |
| MW-7-2 | 6.0 | U | 03/31/15 | 0 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | | | |
| MW-7-3 | 14.0 | S | 03/31/15 | 0 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| G-17-1 | 3.5 | U | 03/23/17 | 676 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | TCLP Benzene <0.05 | 0 | | |
| G-17-2 | 6.0 | U | 03/23/17 | 414 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | | | |
| G-18-1 | 3.5 | U | 03/23/17 | 77 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | NS | 0 | | |
| G-18-2 | 7.0 | U | 03/23/17 | 379 | NS | NS | NS | NOT SAMPLED | | | | | | | | NS | TCLP Benzene <0.05 | | | |
| EX-1 | 3.5 | U | 06/12/17 | 9 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| EX-2 | 7.0 | U | 06/12/17 | 1100 | NS | NS | NS | **0.69** | **4.2** | <0.125 | **7.4** | **3.05** | **15.6** | **5.7** | **17.5** | NS | NS | | | |
| EX-3 | 3.5 | U | 06/12/17 | 4 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| EX-4 | 7.0 | U | 06/12/17 | 2300 | NS | NS | NS | **8.8** | **45** | <0.125 | **12.3** | **50** | **100** | **34** | **221** | NS | NS | | | |
| EX-5 | 3.5 | U | 06/12/17 | 13 | NS | NS | NS | <0.025 | 0.144 | <0.025 | <0.025 | 0.061 | 0.116 | 0.037 | 0.301 | NS | NS | 0 | 0.0008 | 1.8E-08 |
| EX-6 | 7.0 | U | 06/12/17 | 2400 | NS | NS | NS | **5.6** | **27.5** | <0.125 | **13.2** | **55** | **93** | **30.8** | **179** | NS | NS | | | |
| EX-7 | 8.0 | U | 06/12/17 | 2300 | NS | NS | NS | **4.2** | **29.4** | <0.125 | **11.7** | **50** | **68** | **24** | **129** | NS | NS | | | |
| EX-8 | 3.5 | U | 06/12/17 | 6 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| EX-9 | 7.0 | U | 06/12/17 | 1500 | NS | NS | NS | **6.7** | **54** | <0.25 | **17** | **15.5** | **141** | **50** | **302*** | NS | NS | | | |
| EX-10 | 8.0 | U | 06/12/17 | 1040 | NS | NS | NS | **3.6** | 9.50 | <0.25 | **8.5** | **15.7** | **78** | **30.7** | **97** | NS | NS | | | |
| EX-11 | 3.5 | U | 06/12/17 | 100 | NS | NS | NS | **0.65** | **3.7** | <0.025 | **4.3** | **3.12** | **26.9** | **8.7** | **31** | NS | NS | 0 | 0.1675 | 1.6E-06 |
| EX-12 | 7.0 | U | 06/12/17 | 630 | NS | NS | NS | **8.1** | **40** | <1.25 | **44** | **60** | **202** | **65** | **304*** | NS | NS | | | |
| EX-13 | 3.5 | U | 06/12/17 | 25 | NS | NS | NS | **1.34** | **14.70** | <0.125 | **11.8** | **13.5** | **74** | **23.6** | **94.8** | NS | NS | **2** | 0.4690 | 4.8E-06 |
| EX-14 | 7.0 | U | 06/12/17 | 3000 | NS | NS | NS | **15.8** | **107** | <0.5 | **64** | **159** | **420*** | **137** | **597*** | NS | NS | | | |
| EX-15 | 3.5 | U | 06/12/17 | 4 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| EX-16 | 7.0 | U | 06/12/17 | 7 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | | | |
| EX-17 | 3.5 | U | 06/12/17 | 11 | NS | NS | NS | **0.49** | 0.46 | <0.025 | **4.1** | 0.84 | **19.6** | **6.6** | **15.1** | NS | NS | 0 | 0.1184 | 1.1E-06 |
| EX-18 | 7.0 | U | 06/12/17 | 8 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | | | |
| EX-19 | 8.0 | U | 06/12/17 | 3 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | | | |
| EX-20 | 3.5 | U | 06/12/17 | 2 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| EX-21 | 7.0 | U | 06/12/17 | 10 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | | | |
| EX-22 | 3.5 | U | 06/12/17 | 5 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| EX-23 | 7.0 | U | 06/12/17 | 90 | NS | NS | NS | **0.248** | 0.59 | <0.025 | **1.21** | 0.36 | **8.9** | **3.9** | **4.21** | NS | NS | | | |
| EX-24 | 3.5 | U | 06/12/17 | 5 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | 0 | | |
| EX-25 | 7.0 | U | 06/12/17 | 20 | NS | NS | NS | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.025 | <0.075 | NS | NS | | | |
| | | | | | | | | | | | | | | | | | | | | |
| **Groundwater RCL** | | | | | **27** | - | - | **0.00512** | **1.57** | **0.027** | **0.6582** | **1.11** | **1.38** | | **3.96** | - | - | | | |
| **Non-Industrial Direct Contact RCL** | | | | | **400** | - | - | **1.6** | **8.02** | **63.8** | **5.52** | **818** | **219** | **182** | **260** | - | - | | 1.00E+00 | 1.00E-05 |
| **Industrial Direct Contact RCL** | | | | | **(800)** | - | | **(7.07)** | **(35.4)** | **(282)** | **(24.1)** | **(818)** | **(219)** | **(182)** | **(258)** | - | - | | 1.00E+00 | 1.00E-05 |
| **Soil Saturation Concentration (C-sat)*** | | | | | - | - | - | **1820*** | **480*** | **8870*** | - | **818*** | **219*** | **182*** | **258*** | - | - | | | |

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

NM = Not Measured
ND = No Detects

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

**A.6 Water Level Elevations**
**Port Wing Automotive Site BRRT's#03-04-234613**
**Menomonie, 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 |
| ***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 |
| ***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 |

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 |
| 09/11/17 | 0.27 | 7.84 | 99 | 16.0 | 3058 | 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 |
| 09/11/17 | 0.22 | 7.9 | 126 | 15.2 | 660 | NS | NS | NS | NS |
| | | | | | | | | | |
| ENFORCE MENT STANDARD = **ES – Bold** | | | | | | **10** | - | - | **300** |
| PREVENTIVE ACTION LIMIT = *PAL - Italics* | | | | | | *2* | - | - | *60* |

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

**Well MW-3**

| Date | Dissolved Oxygen (ppm) | pH | ORP | Temp ( C) | Specific Conductance | Nitrate + Nitrite (ppm) | Total Sulfate (ppm) | Dissolved Iron (ppm) | 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 |
| | | | | | | | | | |
| 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 |
| | | | | | | | | | |
| 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 |
| | | | | | | | | | |
| 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 |
| | | | | | | | | | |
| 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-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 |
| | | | | | | | | | |
| 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).

VONCO

**Vonco V Waste Management Campus**
**100 West Gary Street**
**Duluth, MN 55808**
**Permit: SW 536**

*17-043-I Port Wing Automotive*

| Date | Ticket | Customer | Truck | Material | Tons | Env Fee |
|---|---|---|---|---|---|---|
| 06/12/2017 | 287478 | 001427 - DKS Construction | PAL4792 | Contaminated Soil Tons | 25.89 | $10.00 |
| 06/12/2017 | 287481 | 001427 - DKS Construction | PAP5693 | Contaminated Soil Tons | 26.30 | $10.00 |
| 06/12/2017 | 287483 | 001427 - DKS Construction | YBK7428 | Contaminated Soil Tons | 21.42 | $10.00 |
| 06/12/2017 | 287486 | 001427 - DKS Construction | PAL6222 | Contaminated Soil Tons | 26.03 | $10.00 |
| 06/12/2017 | 287492 | 001427 - DKS Construction | PAM8482 | Contaminated Soil Tons | 25.99 | $10.00 |
| 06/12/2017 | 287494 | 001427 - DKS Construction | PAN7687 | Contaminated Soil Tons | 30.00 | $10.00 |
| 06/12/2017 | 287495 | 001427 - DKS Construction | PAJ2272 | Contaminated Soil Tons | 21.16 | $10.00 |
| 06/12/2017 | 287496 | 001427 - DKS Construction | T41958X | Contaminated Soil Tons | 22.89 | $10.00 |
| 06/12/2017 | 287499 | 001427 - DKS Construction | PAN0072 | Contaminated Soil Tons | 21.79 | $10.00 |
| 06/12/2017 | 287500 | 001427 - DKS Construction | PAP5686 | Contaminated Soil Tons | 26.70 | $10.00 |
| 06/12/2017 | 287507 | 001427 - DKS Construction | PAN7684 | Contaminated Soil Tons | 26.22 | $10.00 |
| 06/12/2017 | 287509 | 001427 - DKS Construction | PAP5692 | Contaminated Soil Tons | 30.05 | $10.00 |
| 06/12/2017 | 287516 | 001427 - DKS Construction | PAP5685 | Contaminated Soil Tons | 30.69 | $10.00 |
| 06/12/2017 | 287519 | 001427 - DKS Construction | PAN7686 | Contaminated Soil Tons | 35.33 | $10.00 |
| 06/12/2017 | 287521 | 001427 - DKS Construction | PAN0053 | Contaminated Soil Tons | 29.79 | $10.00 |
| 06/12/2017 | 287524 | 001427 - DKS Construction | PAL4633 | Contaminated Soil Tons | 28.36 | $10.00 |
| 06/12/2017 | 287532 | 001427 - DKS Construction | PAM5034 | Contaminated Soil Tons | 21.07 | $10.00 |
| 06/12/2017 | 287547 | 001427 - DKS Construction | PAP5693 | Contaminated Soil Tons | 25.80 | $10.00 |
| 06/12/2017 | 287549 | 001427 - DKS Construction | YBK7428 | Contaminated Soil Tons | 17.86 | $10.00 |
| 06/12/2017 | 287552 | 001427 - DKS Construction | PAL6222 | Contaminated Soil Tons | 24.28 | $10.00 |
| 06/12/2017 | 287555 | 001427 - DKS Construction | PAM8482 | Contaminated Soil Tons | 22.77 | $10.00 |
| 06/12/2017 | 287558 | 001427 - DKS Construction | PAN7687 | Contaminated Soil Tons | 24.54 | $10.00 |
| 06/12/2017 | 287560 | 001427 - DKS Construction | PAK5172 | Contaminated Soil Tons | 21.24 | $10.00 |
| 06/12/2017 | 287562 | 001427 - DKS Construction | PAL4792 | Contaminated Soil Tons | 22.51 | $10.00 |
| 06/12/2017 | 287568 | 001427 - DKS Construction | T41958X | Contaminated Soil Tons | 21.85 | $10.00 |
| 06/12/2017 | 287569 | 001427 - DKS Construction | PAJ2272 | Contaminated Soil Tons | 22.14 | $10.00 |
| 06/12/2017 | 287570 | 001427 - DKS Construction | PAN0072 | Contaminated Soil Tons | 22.31 | $10.00 |
| 06/12/2017 | 287571 | 001427 - DKS Construction | PAP5686 | Contaminated Soil Tons | 20.67 | $10.00 |
| 06/12/2017 | 287572 | 001427 - DKS Construction | PAN7684 | Contaminated Soil Tons | 24.30 | $10.00 |
| 06/12/2017 | 287573 | 001427 - DKS Construction | PAP5692 | Contaminated Soil Tons | 21.15 | $10.00 |
| 06/12/2017 | 287577 | 001427 - DKS Construction | PAN7686 | Contaminated Soil Tons | 29.02 | $10.00 |
| 06/12/2017 | 287580 | 001427 - DKS Construction | PAN0053 | Contaminated Soil Tons | 26.44 | $10.00 |
| 06/12/2017 | 287581 | 001427 - DKS Construction | PAP5685 | Contaminated Soil Tons | 25.84 | $10.00 |
| 06/12/2017 | 287588 | 001427 - DKS Construction | PAL4633 | Contaminated Soil Tons | 26.16 | $10.00 |
| 06/12/2017 | 287590 | 001427 - DKS Construction | PAM5034 | Contaminated Soil Tons | 24.33 | $10.00 |
| 06/12/2017 | 287593 | 001427 - DKS Construction | YBK7428 | Contaminated Soil Tons | 23.87 | $10.00 |
| 06/12/2017 | 287600 | 001427 - DKS Construction | PAP5693 | Contaminated Soil Tons | 23.91 | $10.00 |
| 06/12/2017 | 287601 | 001427 - DKS Construction | PAL6222 | Contaminated Soil Tons | 24.66 | $10.00 |
| 06/12/2017 | 287603 | 001427 - DKS Construction | PAM8482 | Contaminated Soil Tons | 23.87 | $10.00 |
| | | | | ***Total Tons*** | ***969.20*** | ***$390.00*** |
| | | | | ***Total Loads*** | ***39*** | ***39*** |

VONCO

**Vonco V Waste Management Campus**
**100 West Gary Street**
**Duluth, MN 55808**
**Permit: SW 536**

***17-043-I Port Wing Automotive***

| Date | Ticket | Customer | Truck | Material | Tons |
|---|---|---|---|---|---|
| 06/12/2017 | 287478 | 001427 - DKS Construction | PAL4792 | Contaminated Soil Tons | 25.89 |
| 06/12/2017 | 287481 | 001427 - DKS Construction | PAP5693 | Contaminated Soil Tons | 26.30 |
| 06/12/2017 | 287483 | 001427 - DKS Construction | YBK7428 | Contaminated Soil Tons | 21.42 |
| 06/12/2017 | 287486 | 001427 - DKS Construction | PAL6222 | Contaminated Soil Tons | 26.03 |
| 06/12/2017 | 287492 | 001427 - DKS Construction | PAM8482 | Contaminated Soil Tons | 25.99 |
| 06/12/2017 | 287494 | 001427 - DKS Construction | PAN7687 | Contaminated Soil Tons | 30.00 |
| 06/12/2017 | 287495 | 001427 - DKS Construction | PAJ2272 | Contaminated Soil Tons | 21.16 |
| 06/12/2017 | 287496 | 001427 - DKS Construction | T41958X | Contaminated Soil Tons | 22.89 |
| 06/12/2017 | 287499 | 001427 - DKS Construction | PAN0072 | Contaminated Soil Tons | 21.79 |
| 06/12/2017 | 287500 | 001427 - DKS Construction | PAP5686 | Contaminated Soil Tons | 26.70 |
| 06/12/2017 | 287507 | 001427 - DKS Construction | PAN7684 | Contaminated Soil Tons | 26.22 |
| 06/12/2017 | 287509 | 001427 - DKS Construction | PAP5692 | Contaminated Soil Tons | 30.05 |
| 06/12/2017 | 287516 | 001427 - DKS Construction | PAP5685 | Contaminated Soil Tons | 30.69 |
| 06/12/2017 | 287519 | 001427 - DKS Construction | PAN7686 | Contaminated Soil Tons | 35.33 |
| 06/12/2017 | 287521 | 001427 - DKS Construction | PAN0053 | Contaminated Soil Tons | 29.79 |
| 06/12/2017 | 287524 | 001427 - DKS Construction | PAL4633 | Contaminated Soil Tons | 28.36 |
| 06/12/2017 | 287532 | 001427 - DKS Construction | PAM5034 | Contaminated Soil Tons | 21.07 |
| 06/12/2017 | 287547 | 001427 - DKS Construction | PAP5693 | Contaminated Soil Tons | 25.80 |
| 06/12/2017 | 287549 | 001427 - DKS Construction | YBK7428 | Contaminated Soil Tons | 17.86 |
| 06/12/2017 | 287552 | 001427 - DKS Construction | PAL6222 | Contaminated Soil Tons | 24.28 |
| 06/12/2017 | 287555 | 001427 - DKS Construction | PAM8482 | Contaminated Soil Tons | 22.77 |
| 06/12/2017 | 287558 | 001427 - DKS Construction | PAN7687 | Contaminated Soil Tons | 24.54 |
| 06/12/2017 | 287560 | 001427 - DKS Construction | PAK5172 | Contaminated Soil Tons | 21.24 |
| 06/12/2017 | 287562 | 001427 - DKS Construction | PAL4792 | Contaminated Soil Tons | 22.51 |
| 06/12/2017 | 287568 | 001427 - DKS Construction | T41958X | Contaminated Soil Tons | 21.85 |
| 06/12/2017 | 287569 | 001427 - DKS Construction | PAJ2272 | Contaminated Soil Tons | 22.14 |
| 06/12/2017 | 287570 | 001427 - DKS Construction | PAN0072 | Contaminated Soil Tons | 22.31 |
| 06/12/2017 | 287571 | 001427 - DKS Construction | PAP5686 | Contaminated Soil Tons | 20.67 |
| 06/12/2017 | 287572 | 001427 - DKS Construction | PAN7684 | Contaminated Soil Tons | 24.30 |
| 06/12/2017 | 287573 | 001427 - DKS Construction | PAP5692 | Contaminated Soil Tons | 21.15 |
| 06/12/2017 | 287577 | 001427 - DKS Construction | PAN7686 | Contaminated Soil Tons | 29.02 |
| 06/12/2017 | 287580 | 001427 - DKS Construction | PAN0053 | Contaminated Soil Tons | 26.44 |
| 06/12/2017 | 287581 | 001427 - DKS Construction | PAP5685 | Contaminated Soil Tons | 25.84 |
| 06/12/2017 | 287588 | 001427 - DKS Construction | PAL4633 | Contaminated Soil Tons | 26.16 |
| 06/12/2017 | 287590 | 001427 - DKS Construction | PAM5034 | Contaminated Soil Tons | 24.33 |
| 06/12/2017 | 287593 | 001427 - DKS Construction | YBK7428 | Contaminated Soil Tons | 23.87 |
| 06/12/2017 | 287600 | 001427 - DKS Construction | PAP5693 | Contaminated Soil Tons | 23.91 |
| 06/12/2017 | 287601 | 001427 - DKS Construction | PAL6222 | Contaminated Soil Tons | 24.66 |
| 06/12/2017 | 287603 | 001427 - DKS Construction | PAM8482 | Contaminated Soil Tons | 23.87 |
| | | | | ***Total Tons*** | ***969.20*** |
| | | | | ***Total Loads*** | ***39*** |

State of Wis., Dept. of Natural Resources
dnr.wi.gov

# Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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

☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other:

## 1. Well Location Information

| County | Wi Unique Well # of Removed Well | Hicap # |
|---|---|---|
| BAYFIELD | | |

Latitude / Longitude (Degrees and Minutes): 46 ° 46.52 ' N; 91 ° 23.09 ' W

Method Code (see instructions): GPS006

| ¼ / ¼ | ¼ | Section | Township | Range | |
|---|---|---|---|---|---|
| SE | SE | 29 | 50 N | 8 | ☐ E [X] W |

or Gov't Lot #

Well Street Address: 8950 STH 13

| Well City, Village or Town | Well ZIP Code |
|---|---|
| Superior | 54865- |

| Subdivision Name | Lot # |
|---|---|
| | |

| Reason For Removal From Service | Wi Unique Well # of Replacement Well |
|---|---|
| Sampling Complete | |

## 2. Facility / Owner Information

Facility Name: Port Wing Automotive

Facility ID (FID or PWS): 804055120

License/Permit/Monitoring #:

Original Well Owner: Mark Johnson

Present Well Owner: Mark Johnson

Mailing Address of Present Owner: P.O. Box 73

| City of Present Owner | State | ZIP Code |
|---|---|---|
| Menomonie | WI | 54751- |

## 3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 3/23/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

| Total Well Depth From Ground Surface (ft.) | Casing Diameter (in.) |
|---|---|
| 6 | |

| Lower Drillhole Diameter (in.) | Casing Depth (ft.) |
|---|---|
| 2 | |

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

| If yes, to what depth (feet)? | Depth to Water (feet) |
|---|---|
| | |

## 4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|---|---|
| Pump and piping removed? | ☐ Yes | ☐ No | [X] N/A |
| Liner(s) removed? | ☐ Yes | ☐ No | [X] N/A |
| Screen removed? | ☐ Yes | ☐ No | [X] N/A |
| Casing left in place? | ☐ Yes | ☐ No | [X] N/A |
| Was casing cut off below surface? | ☐ Yes | ☐ No | [X] N/A |
| Did sealing material rise to surface? | [X] Yes | ☐ No | ☐ N/A |
| Did material settle after 24 hours? | ☐ Yes | [X] No | ☐ N/A |
| If yes, was hole retopped? | ☐ Yes | ☐ No | [X] N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | [X] Yes | ☐ No | ☐ N/A |

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

*For Monitoring Wells and Monitoring Well Boreholes Only:* [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

## 5. Material Used To Fill Well / Drillhole

| | From (ft.) | To (ft.) | Lbs. | |
|---|---|---|---|---|
| Bentonite Chips | Surface | 6 | 9 | |
| | | | | |
| | | | | |

## 6. Comments

Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-17

## 7. Supervision of Work

| Name of Person or Firm Doing Filling & Sealing | License # | Date of Filling & Sealing (mm/dd/yyyy) |
|---|---|---|
| Matthew C. Michalski (METCO) | | 3/23/2017 |

| Street or Route | Telephone Number |
|---|---|
| 709 Gillette Street, Ste 3 | ( 608 ) 781-8879 |

| City | State | ZIP Code | Signature of Person Doing Work | Date Signed |
|---|---|---|---|---|
| La Crosse | WI | 54603- | Matthew C Michalski | 4/7/2017 |

**DNR Use Only**

| Date Received | Noted By |
|---|---|
| | |

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

# Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) 

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

☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other:

## 1. Well Location Information

| County | WI Unique Well # of Removed Well | Hicap # |
|---|---|---|
| BAYFIELD | | |

Latitude / Longitude (Degrees and Minutes): 46 ° 46.52 ' N; 91 ° 23.09 ' W — Method Code (see instructions): GPS006

| ¼ / ¼ | ¼ | Section | Township | Range | |
|---|---|---|---|---|---|
| SE | SE | 29 | 50 N | 8 | ☐ E [X] W |

or Gov't Lot #

Well Street Address: 8950 STH 13

| Well City, Village or Town | Well ZIP Code |
|---|---|
| Superior | 54865- |

Subdivision Name: — Lot #:

Reason For Removal From Service: Sampling Complete — WI Unique Well # of Replacement Well:

## 2. Facility / Owner Information

Facility Name: Port Wing Automotive

Facility ID (FID or PWS): 804055120

License/Permit/Monitoring #:

Original Well Owner: Mark Johnson

Present Well Owner: Mark Johnson

Mailing Address of Present Owner: P.O. Box 73

| City of Present Owner | State | ZIP Code |
|---|---|---|
| Menomonie | WI | 54751- |

## 3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well [X] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 3/23/2017

If a Well Construction Report is available, please attach.

Construction Type: ☐ Drilled ☐ Driven (Sandpoint) ☐ Dug [X] Other (specify): Geoprobe

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

| Total Well Depth From Ground Surface (ft.) | Casing Diameter (in.) |
|---|---|
| 6 | |
| **Lower Drillhole Diameter (in.)** | **Casing Depth (ft.)** |
| 2 | |

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

| If yes, to what depth (feet)? | Depth to Water (feet) |
|---|---|
| | |

## 4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|---|---|
| Pump and piping removed? | ☐ Yes | ☐ No | [X] N/A |
| Liner(s) removed? | ☐ Yes | ☐ No | [X] N/A |
| Screen removed? | ☐ Yes | ☐ No | [X] N/A |
| Casing left in place? | ☐ Yes | ☐ No | [X] N/A |
| Was casing cut off below surface? | ☐ Yes | ☐ No | [X] N/A |
| Did sealing material rise to surface? | [X] Yes | ☐ No | ☐ N/A |
| Did material settle after 24 hours? | ☐ Yes | [X] No | ☐ N/A |
| If yes, was hole retopped? | ☐ Yes | ☐ No | [X] N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | [X] Yes | ☐ No | ☐ N/A |

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

*For Monitoring Wells and Monitoring Well Boreholes Only:* [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

## 5. Material Used To Fill Well / Drillhole

| | From (ft.) | To (ft.) | Lbs. | |
|---|---|---|---|---|
| Bentonite Chips | Surface | 7 | 11 | |
| | | | | |
| | | | | |

## 6. Comments

Abandoned by Geiss Soil & Samples, LLC personnel under METCO supervision.
Geoprobe boring G-18

## 7. Supervision of Work

| Name of Person or Firm Doing Filling & Sealing | License # | Date of Filling & Sealing (mm/dd/yyyy) |
|---|---|---|
| Matthew C. Michalski (METCO) | | 3/23/2017 |

| Street or Route | Telephone Number |
|---|---|
| 709 Gillette Street, Ste 3 | ( 608 ) 781-8879 |

| City | State | ZIP Code | Signature of Person Doing Work | Date Signed |
|---|---|---|---|---|
| La Crosse | WI | 54603- | Matthew C. Michalski | 4/7/2017 |

**DNR Use Only**

| Date Received | Noted By |
|---|---|
| | |

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

# Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) 

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☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other:

## 1. Well Location Information

| County | WI Unique Well # of Removed Well | Hicap # |
|---|---|---|
| BAYFIELD | ___ ___ ___VN709_ | |

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

46 ° 46.5 ___ ___ ___ 'N

91 ° 23.083 ___ ___ ___ 'W

| ¼ / ¼ | ¼ | Section | Township | Range |
|---|---|---|---|---|
| SE | SE | 29 | 50 N | 8 ☐ E [X] W |

or Gov't Lot #

Well Street Address: 8950 State Highway 13

| Well City, Village or Town | Well ZIP Code |
|---|---|
| Port Wing | 54865- |

| Subdivision Name | Lot # |
|---|---|
| | |

| Reason For Removal From Service | WI Unique Well # of Replacement Well |
|---|---|
| Excavation Project | ___ ___ ___ ___ ___ |

## 2. Facility / Owner Information

Facility Name: Port Wing Automotive

Facility ID (FID or PWS): 804055120

License/Permit/Monitoring #:

Original Well Owner: Mark Johnson

Present Well Owner: Mark Johnson

Mailing Address of Present Owner: P.O. Box 194

| City of Present Owner | State | ZIP Code |
|---|---|---|
| Port Wing | WI | 54865- |

## 3. Well / Drillhole / Borehole Information

[X] Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 3/31/2015

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify):

Formation Type: ☐ Unconsolidated Formation [X] Bedrock

| Total Well Depth From Ground Surface (ft.) | Casing Diameter (in.) |
|---|---|
| 14 | 2.37 |

| Lower Drillhole Diameter (in.) | Casing Depth (ft.) |
|---|---|
| 6 | 4 |

Was well annular space grouted? [X] Yes ☐ No ☐ Unknown

| If yes, to what depth (feet)? | Depth to Water (feet) |
|---|---|
| 3 | 8.3 |

## 4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|---|---|
| Pump and piping removed? | ☐ Yes | ☐ No | [X] N/A |
| Liner(s) removed? | ☐ Yes | ☐ No | [X] N/A |
| Screen removed? | ☐ Yes | [X] No | ☐ N/A |
| Casing left in place? | [X] Yes | ☐ No | ☐ N/A |
| Was casing cut off below surface? | [X] Yes | ☐ No | ☐ N/A |
| Did sealing material rise to surface? | [X] Yes | ☐ No | ☐ N/A |
| Did material settle after 24 hours? | ☐ Yes | [X] No | ☐ N/A |
| If yes, was hole retopped? | ☐ Yes | ☐ No | [X] N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | ☐ Yes | ☐ No | [X] N/A |

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

*For Monitoring Wells and Monitoring Well Boreholes Only:*

[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

## 5. Material Used To Fill Well / Drillhole

| | From (ft.) | To (ft.) | Pounds | |
|---|---|---|---|---|
| Bentonite Chips | Surface | 14 | 21 | |
| | | | | |
| | | | | |

## 6. Comments

Monitoring Well MW-1
Please note that well was removed during the excavation project.

## 7. Supervision of Work

| Name of Person or Firm Doing Filling & Sealing | License # | Date of Filling & Sealing (mm/dd/yyyy) |
|---|---|---|
| Jason Powell (METCO) | | 6/12/2017 |

| Street or Route | Telephone Number |
|---|---|
| 709 Gillette Street, Suite 3 | ( 608 ) 781-8879 |

| City | State | ZIP Code | Signature of Person Doing Work | Date Signed |
|---|---|---|---|---|
| La Crosse | WI | 54603- | J. Powell | 6/22/17 |

**DNR Use Only**

| Date Received | Noted By |
|---|---|
| | |

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

# Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) 

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☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other:

## 1. Well Location Information

| County | WI Unique Well # of Removed Well | Hicap # |
|---|---|---|
| BAYFIELD | ___ ___ ___VP410_ | |

Latitude / Longitude (Degrees and Minutes): 46 ___ ° 46.5 ___ ___ ___ 'N; 91 ___ ° 23.083 ___ ___ ___ 'W

Method Code (see instructions): ___ ___ ___ ___ ___ ___

| ¼ / ¼ | ¼ | Section | Township | Range |
|---|---|---|---|---|
| SE | SE | 29 | 50 N | 8 [X] W ☐ E |

or Gov't Lot #

Well Street Address: 8950 State Highway 13

| Well City, Village or Town | Well ZIP Code |
|---|---|
| Port Wing | 54865- |

| Subdivision Name | Lot # |
|---|---|
| | |

| Reason For Removal From Service | WI Unique Well # of Replacement Well |
|---|---|
| Excavation Project | ___ ___ ___ ___ ___ |

## 2. Facility / Owner Information

Facility Name: Port Wing Automotive

Facility ID (FID or PWS): 804055120

License/Permit/Monitoring #:

Original Well Owner: Mark Johnson

Present Well Owner: Mark Johnson

Mailing Address of Present Owner: P.O. Box 194

| City of Present Owner | State | ZIP Code |
|---|---|---|
| Port Wing | WI | 54865- |

## 3. Well / Drillhole / Borehole Information

[X] Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 3/31/2015

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify):

Formation Type: ☐ Unconsolidated Formation [X] Bedrock

| Total Well Depth From Ground Surface (ft.) | Casing Diameter (in.) |
|---|---|
| 14 | 2.37 |

| Lower Drillhole Diameter (in.) | Casing Depth (ft.) |
|---|---|
| 6 | 4 |

Was well annular space grouted? [X] Yes ☐ No ☐ Unknown

| If yes, to what depth (feet)? | Depth to Water (feet) |
|---|---|
| 3 | 6.1 |

## 4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|---|---|
| Pump and piping removed? | ☐ Yes | ☐ No | [X] N/A |
| Liner(s) removed? | ☐ Yes | ☐ No | [X] N/A |
| Screen removed? | ☐ Yes | [X] No | ☐ N/A |
| Casing left in place? | [X] Yes | ☐ No | ☐ N/A |
| Was casing cut off below surface? | [X] Yes | ☐ No | ☐ N/A |
| Did sealing material rise to surface? | [X] Yes | ☐ No | ☐ N/A |
| Did material settle after 24 hours? | ☐ Yes | [X] No | ☐ N/A |
| If yes, was hole retopped? | ☐ Yes | ☐ No | [X] N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | ☐ Yes | ☐ No | [X] N/A |

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

*For Monitoring Wells and Monitoring Well Boreholes Only:* [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

## 5. Material Used To Fill Well / Drillhole

| | From (ft.) | To (ft.) | Pounds | |
|---|---|---|---|---|
| Bentonite Chips | Surface | 14 | 21 | |
| | | | | |
| | | | | |

## 6. Comments

Monitoring Well MW-2
Please note that well was removed during the excavation project.

## 7. Supervision of Work

| Name of Person or Firm Doing Filling & Sealing | License # | Date of Filling & Sealing (mm/dd/yyyy) |
|---|---|---|
| Jason Powell (METCO) | | 6/12/2017 |

| Street or Route | Telephone Number |
|---|---|
| 709 Gillette Street, Suite 3 | ( 608 ) 781-8879 |

| City | State | ZIP Code | Signature of Person Doing Work | Date Signed |
|---|---|---|---|---|
| La Crosse | WI | 54603- | Jason T. Powell | 6/22/17 |

**DNR Use Only**

| Date Received | Noted By |
|---|---|
| | |

Comments:

State of Wisconsin
Department of Natural Resources

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

# MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

| | | |
|---|---|---|
| Facility/Project Name: Port Wing Automotive | Local Grid Location of Well ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W. | Well Name: MW-1R |
| Facility License, Permit or Monitoring No. | Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or | Wis. Unique Well No.: VR672 DNR Well ID No.: ____ |
| Facility ID: ____ | St. Plane ____ ft. N, ____ ft. E. S/C/N | Date Well Installed: 08/21/2017 (m m d d y y y y) |
| Type of Well: Well Code 11 / MW | Section Location of Waste/Source: SE 1/4 of SE 1/4 of Sec. 29 T. 50 N, R. 08 ☐E ☒W | Well Installed By: Name (first, last) and Firm: Lou Dingan, Twin Ports Testing |
| Distance from Waste/Source ____ ft. Enf. Stds. Apply ☐ | Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known | Gov. Lot Number: ____ |

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 0.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☒

13. Sieve analysis performed? ☐ Yes ☒ No

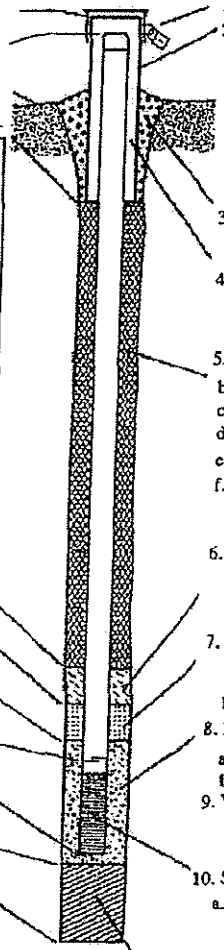
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or 0.0 ft.
F. Fine sand, top _____ ft. MSL or 8.0 ft.
G. Filter pack, top _____ ft. MSL or 10.0 ft.
H. Screen joint, top _____ ft. MSL or 10.0 ft.
I. Well bottom _____ ft. MSL or 15.0 ft.
J. Filter pack, bottom _____ ft. MSL or 15.0 ft.
K. Borehole, bottom _____ ft. MSL or 15.0 ft.
L. Borehole, diameter 6.25 in.
M. O.D. well casing 2.0 in.
N. I.D. well casing 1.85 in.



1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: ____ in.
b. Length: ____ ft.
c. Material: Steel ☐ 04
Other ☐
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Flush Mount
3. Surface seal: Bentonite ☒ 30
Concrete ☐ 01
Other ☐
4. Material between well casing and protective pipe:
Bentonite ☒ 30
Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 4.0 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint Sand #15
b. Volume added 1.0 ft³
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint Sand #40
b. Volume added 5.0 ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer John-Son
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14
Other ☐

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

Signature: [signature] Firm: Twin Ports Testing

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

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

# MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

| | | |
|---|---|---|
| Facility/Project Name: Port Wing Automotive | Local Grid Location of Well ____ ft. ☐N ☐S ____ ft. ☐E ☐W | Well Name: MW-2R |
| Facility License, Permit or Monitoring No. | Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or | Wis. Unique Well No.: VR673 / DNR Well ID No.: ____ |
| Facility ID: ____ | St. Plane ____ ft. N, ____ ft. E. S/C/N | Date Well Installed: 08/11/2017 (m m d d y y y y) |
| Type of Well: Well Code 11 / MW | Section Location of Waste/Source ☐E ☐W: SE 1/4 of SE 1/4 of Sec. 29, T. 50 N, R. 08 ☒W | Well Installed By: Name (first, last) and Firm: Lon Dinnan / Twin Ports Testing |
| Distance from Waste/Source ____ ft. | Enf. Stds. Apply ☐ | Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known |
| | | Gov. Lot Number: ____ |

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 0.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☒

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ ____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis, if required):
____

E. Bentonite seal, top _____ ft. MSL or 0.0 ft.

F. Fine sand, top _____ ft. MSL or 8.0 ft.

G. Filter pack, top _____ ft. MSL or 10.0 ft.

H. Screen joint, top _____ ft. MSL or 10.0 ft.

I. Well bottom _____ ft. MSL or 15.0 ft.

J. Filter pack, bottom _____ ft. MSL or 15.0 ft.

K. Borehole, bottom _____ ft. MSL or 15.0 ft.

L. Borehole, diameter 6.25 in.

M. O.D. well casing 2.0 in.

N. I.D. well casing 1.65 in.

1. Cap and lock? ☐ Yes ☒ No

2. Protective cover pipe:
a. Inside diameter: ____ in.
b. Length: ____ ft.
c. Material: ____ Steel ☐ 04 Other ☐ ____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Flush Mount

3. Surface seal: Bentonite ☒ 30 Concrete ☐ 01 Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 4.0 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. ____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint Sand #15
b. Volume added 1.0 ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint Sand #40
b. Volume added 5.0 ft³

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ ____
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐ ____

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

Signature: [signature] Firm: Twin Ports Testing

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

# SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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



| Facility / Project Name | License / Permit / Monitoring Number | Boring Number |
|---|---|---|
| Port Wing Automotive | | G-17 |

| Boring Drilled By: Name of crew chief (first, last) and Firm | Drilling Date Started | Drilling Date Completed | Drilling Method |
|---|---|---|---|
| First: Grant Last: | 03/23/2017 | 03/23/2017 | Geoprobe |
| Firm: Range Environmental Drilling | MM/ DD/ YYYY | MM /DD/ YYYY | |

| WI Unique Well No. | DNR Well ID No. | Well Name | Final Static Water Level | Surface Elevation | Borehole Diameter |
|---|---|---|---|---|---|
| | | | 675 Feet MSL | 680 Feet MSL | 2 inches |

| Local Grid Origin (estimated X) or Boring Location | | Local Grid Location |
|---|---|---|
| State Plane N, E | Lat 46 ° 46 ' 31 " | N E |
| SE ¼ of SE ¼ of Section 29, T 50 N, R 8 W | Long 91 ° 23 ' 5 " | Feet S Feet W |

| Facility ID | County | County Code | Civil Town / City / Village |
|---|---|---|---|
| 804055120 | Bayfield | 4 | Town of Port Wing |

| Sample: Number & Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (below ground surface) | Soil / Rock Description And Geologic Origin For Each Major Unit | Soil Properties: USCS | Graphic Log | Well Diagram | PID / FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | Gravel<br>0-1 Brown to Dark Brown Sand & Gravel (FILL) | FILL | | | | | | | | | |
| | | | 2 | 1-4' Dark Tan to Brown Very Fine to Medium Grained Sand to Clayey Sand with Trace Gravel | SP/SC | | | | | | | | | |
| G-17-1 (0-4 feet) | 48 / 30 | | 4 | | | | | 676 | | M | | | | Strong Petro Odor 1-4' |
| | | | | 4-6' Brown to Reddish Brown to Black Very Fine to Medium Grained Sand to Clayey Sand with Trace Gravel | SP/SC | | | | | | | | | |
| G-17-2 (4-8 feet) | 36 / 24 | | 6 | | | | | 414 | | M | | | | Petro Odor 4-6'<br>Staining 5.5-6' |
| | | | | Refusal at 6 Feet. Borehole abandoned. | | | | | | | | | | |
| | | | 8 | | | | | | | | | | | |
| | | | 10 | | | | | | | | | | | |
| | | | 12 | | | | | | | | | | | |
| | | | 14 | | | | | | | | | | | |
| | | | 16 | | | | | | | | | | | |
| | | | 18 | | | | | | | | | | | |
| | | | 20 | | | | | | | | | | | |
| | | | 22 | | | | | | | | | | | |
| | | | 24 | | | | | | | | | | | |

Signature: Matthew C Nitschke Firm: METCO

State of Wisconsin
Department of Natural Resources

# SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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



| Facility / Project Name | License / Permit / Monitoring Number | Boring Number |
|---|---|---|
| Port Wing Automotive | | G-18 |

| Boring Drilled By: Name of crew chief (first, last) and Firm | Drilling Date Started | Drilling Date Completed | Drilling Method |
|---|---|---|---|
| First: Grant Last: | 03/23/2017 | 03/23/2017 | Geoprobe |
| Firm: Range Environmental Drilling | MM/ DD/ YYYY | MM /DD/ YYYY | |

| WI Unique Well No. | DNR Well ID No. | Well Name | Final Static Water Level | Surface Elevation | Borehole Diameter |
|---|---|---|---|---|---|
| | | | 675 Feet MSL | 680 Feet MSL | 2 inches |

| Local Grid Origin (estimated X) or Boring Location | | Local Grid Location |
|---|---|---|
| State Plane N, E | Lat 46 ° 46 ' 31 " | N E |
| SE ¼ of SE ¼ of Section 29, T 50 N, R 8 W | Long 91 ° 23 ' 5 " | Feet S Feet W |

| Facility ID | County | County Code | Civil Town / City / Village |
|---|---|---|---|
| 804055120 | Bayfield | 4 | Town of Port Wing |

| Sample | | | | | Soil Properties | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number & Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (below ground surface) | Soil / Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID / FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD / Comments |
| | | | | Grass | | | | | | | | | | |
| G-18-1 (0-4 feet) | 48 36 | | 4 | 0-7' Dark Tan to Brown Fine to Coarse Grained Sand to Clayey Sand with Some Gravel | SP/SC | | | 77 | | W | | | | Petro Odor 3-4' |
| G-18-2 (4-7 feet) | 36 24 | | 8 | EOB at 7 Feet. Borehole abandoned. | | | | 379 | | W | | | | Petro Odor & Sheen on Water in Sampler |

Signature: Firm: **METCO**

State of Wisconsin
Department of Natural Resources

# SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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



| Facility / Project Name | License / Permit / Monitoring Number | Boring Number |
|---|---|---|
| Port Wing Automotive | | MW-1R |

| Boring Drilled By: Name of crew chief (first, last) and Firm | Drilling Date Started | Drilling Date Completed | Drilling Method |
|---|---|---|---|
| First: Lou Last: Dinnan<br>Firm: Twin Ports Testing | 08/21/2017<br>MM/ DD/ YYYY | 08/21/2017<br>MM /DD/ YYYY | H.S.A |

| WI Unique Well No. | DNR Well ID No. | Well Name | Final Static Water Level | Surface Elevation | Borehole Diameter |
|---|---|---|---|---|---|
| VR672 | | MW-1R | | 680 Feet MSL | 6 1/4" |

| Local Grid Origin (estimated X) or Boring Location | | Local Grid Location | |
|---|---|---|---|
| State Plane N, E | Lat 46 ° 46 ' 31" | N | E |
| SE¼ of SE¼ of Section 29 , T 50 N, R 8 W | Long 91 ° 23 ' 5 " | Feet S | Feet W |

| Facility ID | County | County Code | Civil Town / City / Village |
|---|---|---|---|
| 804055120 | Bayfield | 4 | Town of Port Wing |

| Sample | | | | | Soil Properties | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number & Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (below ground surface) | Soil / Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID / FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD / Comments |
| | | | 2<br>4<br>6<br>8<br>10<br>12<br>14<br>16<br>18 | Blind drilled<br>0-15' Red silty sand with gravel<br>EOB @ 15 Feet. Installed monitoring well MW-1R to 15 feet with a 10 foot screen. | SM | | See Well Construction Form | | | | | | | |

Signature: Firm: METCO

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

State of Wisconsin
Department of Natural Resources

# SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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



| Facility / Project Name | License / Permit / Monitoring Number | Boring Number |
|---|---|---|
| Port Wing Automotive | | MW-2R |

| Boring Drilled By: Name of crew chief (first, last) and Firm | Drilling Date Started | Drilling Date Completed | Drilling Method |
|---|---|---|---|
| First: Lou Last: Dinnan<br>Firm: Twin Ports Testing | 08/21/2017<br>MM/ DD/ YYYY | 08/21/2017<br>MM /DD/ YYYY | H.S.A |

| WI Unique Well No. | DNR Well ID No. | Well Name | Final Static Water Level | Surface Elevation | Borehole Diameter |
|---|---|---|---|---|---|
| VR673 | | MW-2R | | 680 Feet MSL | 6 1/4" |

| Local Grid Origin (estimated X) or Boring Location | Local Grid Location |
|---|---|
| State Plane N, E<br>SE¼ of SE¼ of Section 29 , T 50 N, R 8 W | Lat 46 ° 46 ' 31"<br>Long 91 ° 23 ' 5 " |
| | N E<br>Feet S Feet W |

| Facility ID | County | County Code | Civil Town / City / Village |
|---|---|---|---|
| 804055120 | Bayfield | 4 | Town of Port Wing |

| Sample: Number & Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (below ground surface) | Soil / Rock Description And Geologic Origin For Each Major Unit | Soil Properties: U S C S | Graphic Log | Well Diagram | PID / FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2 | Blind drilled | | | | | | | | | | |
| | | | 4 | | | | | | | | | | | |
| | | | 6 | | | | | | | | | | | |
| | | | 8 | 0-15' Red silty sand with gravel | SM | | | | | | | | | |
| | | | 10 | | | | | | | | | | | |
| | | | 12 | | | | | | | | | | | |
| | | | 14 | | | | | | | | | | | |
| | | | 16 | EOB @ 15 Feet. Installed monitoring well MW-2R to 15 feet with a 10 foot screen. | | | | | | | | | | |
| | | | 18 | | | | | | | | | | | |

See Well Construction Form

Signature: Firm: **METCO**

# *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** *10-Apr-17*

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E32659
**Project #**

| | |
|---|---|
| **Lab Code** | 5032659A |
| **Sample ID** | G-17-1 |
| **Sample Matrix** | Soil |
| **Sample Date** | 3/23/2017 |

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | |
| TCLP | | | | | | | | | | |
| TCLP Benzene | < 0.05 | mg/l | 0.05 | | 1 | 8260B | | 4/5/2017 | ESC | 1 |

| | |
|---|---|
| **Lab Code** | 5032659B |
| **Sample ID** | G-18-2 |
| **Sample Matrix** | Soil |
| **Sample Date** | 3/23/2017 |

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | |
| TCLP | | | | | | | | | | |
| TCLP Benzene | < 0.05 | mg/l | 0.05 | | 1 | 8260B | | 4/5/2017 | ESC | 1 |

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

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

ESC denotes sub contract lab - Certification #998093910

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 2916

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) Matthew Mitchell

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 St, Ste 3 |
| City State Zip Menomonie, WI 54751 | City State Zip LaCrosse, WI 54603 |
| Phone (715) 308-3503 | Phone (608) 781-8879 |
| 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 | TCLP Benzene | PID/ FID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 562626911 | G-17-1 | 3/23 | 10:15 | | X | N | 2 | S | None | | | | | | | | | | | | | | | X | |
| B | G-18-2 | 3/23 | 10:30 | | X | N | 2 | S | None | | | | | | | | | | | | | | | 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 K. Invoice to METCO

WC Rules Apply
Asset Status

Sample Integrity - To be completed by receiving lab:
Method of Shipment: Driver
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 |
|---|---|---|---|---|---|
| Matthew Mitchell | 7:00am | 3/24/17 | | | |
| | | | | | |
| | | | | | |

Received in Laboratory By: Christopher Ryan Time: 10:00 Date: 3/25/17

# *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** *26-Jun-17*

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100A
**Sample ID** EX-1
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 90.3 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100B
**Sample ID** EX-2
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | | |
| General | | | | | | | | | | | |
| Solids Percent | 86.8 | | % | | | 1 | 5021 | | 6/16/2017 | NJC | I |
| Organic | | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | | |
| Benzene | 0.69 | | mg/kg | 0.095 | 0.3 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Ethylbenzene | 4.2 | | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Methyl tert-butyl ether (MTBE) | | < 0.125 | mg/kg | 0.0395 | 0.125 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Naphthalene | 7.4 | | mg/kg | 0.11 | 0.35 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Toluene | 3.05 | | mg/kg | 0.07 | 0.23 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |
| 1,2,4-Trimethylbenzene | 15.6 | | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |
| 1,3,5-Trimethylbenzene | 5.7 | | mg/kg | 0.055 | 0.18 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |
| m&p-Xylene | 12.9 | | mg/kg | 0.06 | 0.185 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |
| o-Xylene | 4.6 | | mg/kg | 0.075 | 0.235 | 5 | GRO95/8021 | | 6/21/2017 | TCC | I |

**Lab Code** 5033100C
**Sample ID** EX-3
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | | |
| General | | | | | | | | | | | |
| Solids Percent | 82.2 | | % | | | 1 | 5021 | | 6/16/2017 | NJC | I |
| Organic | | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | | |
| Benzene | | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Ethylbenzene | | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Methyl tert-butyl ether (MTBE) | | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Naphthalene | | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Toluene | | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| 1,2,4-Trimethylbenzene | | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| 1,3,5-Trimethylbenzene | | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| m&p-Xylene | | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| o-Xylene | | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100D
**Sample ID** EX-4
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 88.6 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 8.8 | mg/kg | 0.095 | 0.3 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | 45 | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.125 | mg/kg | 0.0395 | 0.125 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | 12.3 | mg/kg | 0.11 | 0.35 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | 50 | mg/kg | 0.07 | 0.23 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 100 | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 34 | mg/kg | 0.055 | 0.18 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | 159 | mg/kg | 0.06 | 0.185 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | 62 | mg/kg | 0.075 | 0.235 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Lab Code** 5033100E
**Sample ID** EX-5
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 86.8 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Ethylbenzene | 0.144 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Toluene | 0.061 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 0.116 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 0.037 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| m&p-Xylene | 0.259 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| o-Xylene | 0.042 "J" | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100F
**Sample ID** EX-6
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 95.4 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 5.6 | mg/kg | 0.095 | 0.3 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | 27.5 | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.125 | mg/kg | 0.0395 | 0.125 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | 13.2 | mg/kg | 0.11 | 0.35 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | 55 | mg/kg | 0.07 | 0.23 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 93 | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 30.8 | mg/kg | 0.055 | 0.18 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | 128 | mg/kg | 0.06 | 0.185 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | 51 | mg/kg | 0.075 | 0.235 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Lab Code** 5033100G
**Sample ID** EX-7
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 89.6 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 4.2 | mg/kg | 0.095 | 0.3 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | 29.4 | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.125 | mg/kg | 0.0395 | 0.125 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | 11.7 | mg/kg | 0.11 | 0.35 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | 50 | mg/kg | 0.07 | 0.23 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 68 | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 24 | mg/kg | 0.055 | 0.18 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | 93 | mg/kg | 0.06 | 0.185 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | 36 | mg/kg | 0.075 | 0.235 | 5 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100H
**Sample ID** EX-8
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 88.2 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/21/2017 | TCC | 1 |

**Lab Code** 5033100I
**Sample ID** EX-9
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 89.0 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 6.7 | mg/kg | 0.19 | 0.6 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | 54 | mg/kg | 0.1 | 0.32 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.25 | mg/kg | 0.079 | 0.25 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | 17 | mg/kg | 0.22 | 0.7 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | 15.5 | mg/kg | 0.14 | 0.46 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 141 | mg/kg | 0.1 | 0.32 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 50 | mg/kg | 0.11 | 0.36 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | 217 | mg/kg | 0.12 | 0.37 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | 85 | mg/kg | 0.15 | 0.47 | 10 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100J
**Sample ID** EX-10
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 88.4 | % | | | 1 | 5021 | | 6/16/2017 | NJC | I |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 3.6 | mg/kg | 0.19 | 0.6 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |
| Ethylbenzene | 9.5 | mg/kg | 0.1 | 0.32 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |
| Methyl tert-butyl ether (MTBE) | < 0.25 | mg/kg | 0.079 | 0.25 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |
| Naphthalene | 8.5 | mg/kg | 0.22 | 0.7 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |
| Toluene | 15.7 | mg/kg | 0.14 | 0.46 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |
| 1,2,4-Trimethylbenzene | 78 | mg/kg | 0.1 | 0.32 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |
| 1,3,5-Trimethylbenzene | 30.7 | mg/kg | 0.11 | 0.36 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |
| m&p-Xylene | 65 | mg/kg | 0.12 | 0.37 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |
| o-Xylene | 32 | mg/kg | 0.15 | 0.47 | 10 | GRO95/8021 | | 6/22/2017 | TCC | I |

**Lab Code** 5033100K
**Sample ID** EX-11
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 90.1 | % | | | 1 | 5021 | | 6/16/2017 | NJC | I |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 0.65 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Ethylbenzene | 3.7 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Naphthalene | 4.3 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| Toluene | 3.12 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| 1,2,4-Trimethylbenzene | 26.9 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| 1,3,5-Trimethylbenzene | 8.7 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| m&p-Xylene | 21.2 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |
| o-Xylene | 9.8 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/21/2017 | TCC | I |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100L
**Sample ID** EX-12
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | | |
| General | | | | | | | | | | | |
| Solids Percent | 89.9 | | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | | |
| Benzene | 8.1 | | mg/kg | 0.95 | 3 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Ethylbenzene | 40 | | mg/kg | 0.5 | 1.6 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | | < 1.25 | mg/kg | 0.395 | 1.25 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Naphthalene | 44 | | mg/kg | 1.1 | 3.5 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Toluene | 60 | | mg/kg | 0.7 | 2.3 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 202 | | mg/kg | 0.5 | 1.6 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 65 | | mg/kg | 0.55 | 1.8 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| m&p-Xylene | 215 | | mg/kg | 0.6 | 1.85 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| o-Xylene | 89 | | mg/kg | 0.75 | 2.35 | 50 | GRO95/8021 | | 6/23/2017 | TCC | 1 |

**Lab Code** 5033100M
**Sample ID** EX-13
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | | |
| General | | | | | | | | | | | |
| Solids Percent | 92.2 | | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | | |
| Benzene | 1.34 | | mg/kg | 0.095 | 0.3 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Ethylbenzene | 14.7 | | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | | < 0.125 | mg/kg | 0.0395 | 0.125 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Naphthalene | 11.8 | | mg/kg | 0.11 | 0.35 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Toluene | 13.5 | | mg/kg | 0.07 | 0.23 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 74 | | mg/kg | 0.05 | 0.16 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 23.6 | | mg/kg | 0.055 | 0.18 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| m&p-Xylene | 66 | | mg/kg | 0.06 | 0.185 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| o-Xylene | 28.8 | | mg/kg | 0.075 | 0.235 | 5 | GRO95/8021 | | 6/23/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100N
**Sample ID** EX-14
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 88.1 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 15.8 | mg/kg | 0.38 | 1.2 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Ethylbenzene | 107 | mg/kg | 0.2 | 0.64 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.5 | mg/kg | 0.158 | 0.5 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Naphthalene | 64 | mg/kg | 0.44 | 1.4 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Toluene | 159 | mg/kg | 0.28 | 0.92 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 420 | mg/kg | 0.2 | 0.64 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 137 | mg/kg | 0.22 | 0.72 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| m&p-Xylene | 430 | mg/kg | 0.24 | 0.74 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| o-Xylene | 167 | mg/kg | 0.3 | 0.94 | 20 | GRO95/8021 | | 6/23/2017 | TCC | 1 |

**Lab Code** 5033100O
**Sample ID** EX-15
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 85.4 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100P
**Sample ID** EX-16
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 89.7 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Lab Code** 5033100Q
**Sample ID** EX-17
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 88.3 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 0.49 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | 0.46 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | 4.1 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | 0.84 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 19.6 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 6.6 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | 9.3 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | 5.8 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100R
**Sample ID** EX-18
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 91.6 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |

**Lab Code** 5033100S
**Sample ID** EX-19
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 86.6 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100T
**Sample ID** EX-20
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 85.4 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Lab Code** 5033100U
**Sample ID** EX-21
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 88.3 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100V
**Sample ID** EX-22
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 87.6 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |

**Lab Code** 5033100W
**Sample ID** EX-23
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 87.1 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 0.248 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Ethylbenzene | 0.59 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Naphthalene | 1.21 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Toluene | 0.36 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | 8.9 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | 3.9 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| m&p-Xylene | 2.8 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| o-Xylene | 1.41 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100X
**Sample ID** EX-24
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 85.6 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |

**Lab Code** 5033100Y
**Sample ID** EX-25
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| General | | | | | | | | | | |
| General | | | | | | | | | | |
| Solids Percent | 85.4 | % | | | 1 | 5021 | | 6/16/2017 | NJC | 1 |
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/23/2017 | TCC | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33100
**Project #**

**Lab Code** 5033100Z
**Sample ID** MEOH BLANK
**Sample Matrix** Soil
**Sample Date** 6/12/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.025 | mg/kg | 0.019 | 0.06 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Ethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.025 | mg/kg | 0.0079 | 0.025 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Naphthalene | < 0.025 | mg/kg | 0.022 | 0.07 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| Toluene | < 0.025 | mg/kg | 0.014 | 0.046 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,2,4-Trimethylbenzene | < 0.025 | mg/kg | 0.01 | 0.032 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| 1,3,5-Trimethylbenzene | < 0.025 | mg/kg | 0.011 | 0.036 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| m&p-Xylene | < 0.05 | mg/kg | 0.012 | 0.037 | 1 | GRO95/8021 | | 6/22/2017 | TCC | 1 |
| o-Xylene | < 0.025 | mg/kg | 0.015 | 0.047 | 1 | GRO95/8021 | | 6/22/2017 | 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. |

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 STODY RECORD**

# Synergy

## Environmental Lab, Inc.

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

Chain # Nº 3121

Page 1 of 3

**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) | T. Powell |
| 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 St, Ste 3 |
| City State Zip Menomonie, WI 54751 | City State Zip La Crosse, WI 54603 |
| Phone 715-308-3503 | Phone 608-781-8879 |
| 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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 503510 | EX-1 | 6/14/17 | 7:00A | | ✓ | | 2 | S | MeOH | | | | | | | | | ✓ | | | | | | |
| B | EX-2 | | 7:10A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| C | EX-3 | | 7:20A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| D | EX-4 | | 7:30A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| E | EX-5 | | 7:40A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| F | EX-6 | | 7:50A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| G | EX-7 | | 8:00A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| H | EX-8 | | 10:10A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| I | EX-9 | | 10:20A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| J | EX-10 | | 10:30A | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |

Analysis Requested — Other Analysis

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

Note to Lab: Copies of Report to METCO/Cat.

Sample Integrity - To be completed by receiving lab:
Method of Shipment: Car
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 |
|---|---|---|---|---|---|
| T. Powell/METCO | 8:30 AM | 6/15/17 | | | |
| | | | | | |
| | | | | | |

Received in Laboratory By: [signature] Time: 8:00 Date: 6/16/17

**CHAIN OF STODY RECORD**

# Synergy
## Environmental Lab, Inc.

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

Chain # Nº 3121

Page 2 of 3

**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) | T. Powell |
| Project (Name / Location): | Port Wing Automotive – Port Wing, WI |

| Reports To: | Invoice To: |
|---|---|
| Company | Company |
| Address | Address |
| City State Zip | City State Zip |
| Phone | Phone |
| FAX | FAX |

See Page 1

| Lab. I.D. | Sample I.D. | Collection Date | Collection Time | Comp | Grab | Filtered Y/N | No. of Containers | Sample Type (Matrix)* | Preservation |
|---|---|---|---|---|---|---|---|---|---|
| 503360-K | EX-11 | 6/12/17 | 10:00A | | ✓ | | 2 | S | MeOH |
| L | EX-12 | | 10:30A | | ✓ | | | | |
| M | EX-13 | | 11:00A | | ✓ | | | | |
| N | EX-14 | | 12:45P | | ✓ | | | | |
| O | EX-15 | | 12:50P | | ✓ | | | | |
| P | EX-16 | | 1:00P | | ✓ | | | | |
| Q | EX-17 | | 1:10P | | ✓ | | | | |
| R | EX-18 | | 1:30P | | ✓ | | | | |
| S | EX-19 | | 1:50P | | ✓ | | | | |
| T | EX-20 | ↓ | 2:00P | ↓ | ✓ | ↓ | ↓ | ↓ | ↓ |

**Analysis Requested**

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |
| | | | | | | | | ✓ | | | | | | |

**Other Analysis**

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

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Courier
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 |
|---|---|---|---|---|---|
| T. Powell/Metro | 8:30AM | 6/15/17 | | | |
| | | | | | |
| | | | | | |

Received in Laboratory By: [signature] Time: 8:00 Date: 6/16/17

**CHAIN OF STODY RECORD**

# Synergy

## Environmental Lab, Inc.

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

Chain # No 3121

Page 3 of 3

**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) T. Powell

Project (Name / Location): Port Wing Automotive – Port Wing, WI

| Reports To: | Invoice To: |
|---|---|
| Company | Company |
| Address See Page 1 | Address See Page 1 |
| City State Zip | City State Zip |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOS> 001 | EX-21 | 6/12/17 | 3:10P | | ✓ | | 2 | S | MeOH | | | | | | | | | ✓ | | | | | | |
| V | EX-22 | | 3:20P | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| W | EX-23 | | 3:30P | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| X | EX-24 | | 3:40P | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| Y | EX-25 | | 3:50P | | ✓ | | | | | | | | | | | | | ✓ | | | | | | |
| Z | MeOH Blank | – | – | | | | | | | | | | | | | | | ✓ | | | | | | |

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

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

| Relinquished By: (sign) | Time | Date | Received By: (sign) | Time | Date |
|---|---|---|---|---|---|
| T. Powell / MITCO | 8:30AM | 6/15/17 | | | |
| | | | | | |
| | | | | | |

Received in Laboratory By: Time: 8:00 Date: 6/16/17

# *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** *19-Sep-17*

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33586
**Project #**

**Lab Code** 5033586A
**Sample ID** MW-6
**Sample Matrix** Water
**Sample Date** 9/11/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.17 | ug/l | 0.17 | 0.55 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Ethylbenzene | < 0.2 | ug/l | 0.2 | 0.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.82 | ug/l | 0.82 | 2.6 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Naphthalene | < 2.17 | ug/l | 2.17 | 6.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Toluene | < 0.67 | ug/l | 0.67 | 2.13 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 1.14 | ug/l | 1.14 | 3.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.91 | ug/l | 0.91 | 2.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| m&p-Xylene | < 1.56 | ug/l | 1.56 | 4.95 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| o-Xylene | < 0.39 | ug/l | 0.39 | 1.25 | 1 | 8260B | | 9/14/2017 | CJR | 1 |

**Lab Code** 5033586B
**Sample ID** MW-7
**Sample Matrix** Water
**Sample Date** 9/11/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.17 | ug/l | 0.17 | 0.55 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Ethylbenzene | < 0.2 | ug/l | 0.2 | 0.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.82 | ug/l | 0.82 | 2.6 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Naphthalene | < 2.17 | ug/l | 2.17 | 6.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Toluene | < 0.67 | ug/l | 0.67 | 2.13 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 1.14 | ug/l | 1.14 | 3.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.91 | ug/l | 0.91 | 2.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| m&p-Xylene | < 1.56 | ug/l | 1.56 | 4.95 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| o-Xylene | < 0.39 | ug/l | 0.39 | 1.25 | 1 | 8260B | | 9/14/2017 | CJR | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33586
**Project #**

**Lab Code** 5033586C
**Sample ID** MW-4
**Sample Matrix** Water
**Sample Date** 9/11/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.17 | ug/l | 0.17 | 0.55 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Ethylbenzene | < 0.2 | ug/l | 0.2 | 0.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.82 | ug/l | 0.82 | 2.6 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Naphthalene | < 2.17 | ug/l | 2.17 | 6.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Toluene | < 0.67 | ug/l | 0.67 | 2.13 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 1.14 | ug/l | 1.14 | 3.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.91 | ug/l | 0.91 | 2.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| m&p-Xylene | < 1.56 | ug/l | 1.56 | 4.95 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| o-Xylene | < 0.39 | ug/l | 0.39 | 1.25 | 1 | 8260B | | 9/14/2017 | CJR | 1 |

**Lab Code** 5033586D
**Sample ID** MW-5
**Sample Matrix** Water
**Sample Date** 9/11/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | < 0.17 | ug/l | 0.17 | 0.55 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Ethylbenzene | < 0.2 | ug/l | 0.2 | 0.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.82 | ug/l | 0.82 | 2.6 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Naphthalene | < 2.17 | ug/l | 2.17 | 6.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Toluene | < 0.67 | ug/l | 0.67 | 2.13 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,2,4-Trimethylbenzene | < 1.14 | ug/l | 1.14 | 3.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,3,5-Trimethylbenzene | < 0.91 | ug/l | 0.91 | 2.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| m&p-Xylene | < 1.56 | ug/l | 1.56 | 4.95 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| o-Xylene | < 0.39 | ug/l | 0.39 | 1.25 | 1 | 8260B | | 9/14/2017 | CJR | 1 |

**Lab Code** 5033586E
**Sample ID** MW-3
**Sample Matrix** Water
**Sample Date** 9/11/2017

| | Result | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | |
| Benzene | 1.54 | ug/l | 0.17 | 0.55 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Ethylbenzene | 24.6 | ug/l | 0.2 | 0.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | < 0.82 | ug/l | 0.82 | 2.6 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Naphthalene | 2.41 "J" | ug/l | 2.17 | 6.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Toluene | 2.46 | ug/l | 0.67 | 2.13 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,2,4-Trimethylbenzene | 17.8 | ug/l | 1.14 | 3.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,3,5-Trimethylbenzene | 1.95 "J" | ug/l | 0.91 | 2.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| m&p-Xylene | 16.1 | ug/l | 1.56 | 4.95 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| o-Xylene | 5.6 | ug/l | 0.39 | 1.25 | 1 | 8260B | | 9/14/2017 | CJR | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33586
**Project #**

**Lab Code** 5033586F
**Sample ID** MW-2R
**Sample Matrix** Water
**Sample Date** 9/11/2017

| | Result | | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | | |
| Benzene | 76 | | ug/l | 8.5 | 27.5 | 50 | 8260B | | 9/15/2017 | CJR | 1 |
| Ethylbenzene | 1650 | | ug/l | 10 | 31.5 | 50 | 8260B | | 9/15/2017 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | | < 41 | ug/l | 41 | 130 | 50 | 8260B | | 9/15/2017 | CJR | 1 |
| Naphthalene | 470 | | ug/l | 108.5 | 345 | 50 | 8260B | | 9/15/2017 | CJR | 1 |
| Toluene | 860 | | ug/l | 33.5 | 106.5 | 50 | 8260B | | 9/15/2017 | CJR | 1 |
| 1,2,4-Trimethylbenzene | 2170 | | ug/l | 57 | 181.5 | 50 | 8260B | | 9/15/2017 | CJR | 1 |
| 1,3,5-Trimethylbenzene | 610 | | ug/l | 45.5 | 145 | 50 | 8260B | | 9/15/2017 | CJR | 1 |
| m&p-Xylene | 7200 | | ug/l | 78 | 247.5 | 50 | 8260B | | 9/15/2017 | CJR | 3 |
| o-Xylene | 2840 | | ug/l | 19.5 | 62.5 | 50 | 8260B | | 9/15/2017 | CJR | 3 |

**Lab Code** 5033586G
**Sample ID** MW-1R
**Sample Matrix** Water
**Sample Date** 9/11/2017

| | Result | | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inorganic | | | | | | | | | | | |
| Metals | | | | | | | | | | | |
| Lead, Dissolved | 5.8 | | ug/L | 0.9 | 3 | 1 | 7421 | | 9/15/2017 | CWT | 1 |
| Organic | | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | | |
| Benzene | 360 | | ug/l | 17 | 55 | 100 | 8260B | | 9/15/2017 | CJR | 1 |
| Ethylbenzene | 1940 | | ug/l | 20 | 63 | 100 | 8260B | | 9/15/2017 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | | < 82 | ug/l | 82 | 260 | 100 | 8260B | | 9/15/2017 | CJR | 1 |
| Naphthalene | 500 "J" | | ug/l | 217 | 690 | 100 | 8260B | | 9/15/2017 | CJR | 1 |
| Toluene | 11800 | | ug/l | 67 | 213 | 100 | 8260B | | 9/15/2017 | CJR | 1 |
| 1,2,4-Trimethylbenzene | 2240 | | ug/l | 114 | 363 | 100 | 8260B | | 9/15/2017 | CJR | 1 |
| 1,3,5-Trimethylbenzene | 600 | | ug/l | 91 | 290 | 100 | 8260B | | 9/15/2017 | CJR | 1 |
| m&p-Xylene | 8700 | | ug/l | 156 | 495 | 100 | 8260B | | 9/15/2017 | CJR | 1 |
| o-Xylene | 4000 | | ug/l | 39 | 125 | 100 | 8260B | | 9/15/2017 | CJR | 1 |

**Lab Code** 5033586H
**Sample ID** TB
**Sample Matrix** Water
**Sample Date** 9/11/2017

| | Result | | Unit | LOD | LOQ | Dil | Method | Ext Date | Run Date | Analyst | Code |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Organic | | | | | | | | | | | |
| PVOC + Naphthalene | | | | | | | | | | | |
| Benzene | | < 0.17 | ug/l | 0.17 | 0.55 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Ethylbenzene | | < 0.2 | ug/l | 0.2 | 0.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Methyl tert-butyl ether (MTBE) | | < 0.82 | ug/l | 0.82 | 2.6 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Naphthalene | | < 2.17 | ug/l | 2.17 | 6.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| Toluene | | < 0.67 | ug/l | 0.67 | 2.13 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,2,4-Trimethylbenzene | | < 1.14 | ug/l | 1.14 | 3.63 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| 1,3,5-Trimethylbenzene | | < 0.91 | ug/l | 0.91 | 2.9 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| m&p-Xylene | | < 1.56 | ug/l | 1.56 | 4.95 | 1 | 8260B | | 9/14/2017 | CJR | 1 |
| o-Xylene | | < 0.39 | ug/l | 0.39 | 1.25 | 1 | 8260B | | 9/14/2017 | CJR | 1 |

**Project Name** PORT WING AUTOMOTIVE **Invoice #** E33586
**Project #**

"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. |

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 2990

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) Bryce Kjerum

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 769 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 |
|---|---|---|---|---|---|---|---|---|---|
| 503558 A | MW-6 | 9/11/17 | 1045 | | | N | 3 | GW | HCl |
| B | MW-7 | | 1120 | | | | | | |
| C | MW-4 | | 1145 | | | | | | |
| D | MW-5 | | 1210 | | | | | | |
| E | MW-3 | | 1235 | | | | | | |
| F | MW-2R | | 110 | | | | | | |
| G | MW-1R | | 140 | | | Y | 4 | | HCl, HNO3 |
| H | TB | | | | | | 1 | | HCl |

Analysis Requested / Other Analysis

| 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 542.2) | VOC (EPA 8260) | 8-RCRA METALS | PID/FID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | X | | | | | | |
| | | | | | | | | X | | | | | | |
| | | | | | | | | X | | | | | | |
| | | | | | | | | X | | | | | | |
| | | | | | | | | X | | | | | | |
| | | | | | | | | X | | | | | | |
| | | X | | | | | | X | | | | | | |
| | | | | | | | | 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)

* U+C rates apply
* Agent Status

Sample Integrity - To be completed by receiving lab
Method of Shipment: GC
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 |
|---|---|---|---|---|---|
| Bryce Kjerum | 8:30AM | 9/13/17 | | | |

Received in Laboratory By: [signature] Time: 8:00 Date: 9/14/17