

From: Jason Powell <jasonp@metcohq.com>
Sent: Tuesday, July 16, 2019 8:26 AM
To: Stoltz, Carrie R - DNR
Cc: Ron Anderson
Subject: Port Wing Automotive/Don's Union 76 Station - gw results - Port Wing, WI (03-04-234613) (54865-9999-99-B)
Attachments: 2763_001.pdf

Carrie, attached are the groundwater data tables and laboratory documents as requested. Please review the results and let us know if we can proceed with the updated closure request.

Contaminant levels are at least stable to decreasing.

Thanks,



Jason Powell

METCO - Staff Scientist

jasonp@metcohq.com / 608.781.8879

709 Gillette Street - Suite 3, La Crosse WI 54603

www.metcohq.com

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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	664.78	11.28	11.1	630	1600	<110	1130	9800	5140	24700
09/24/15	662.91	13.15	NS	740	1330	<49	610	9100	4760	20000
12/22/15	663.85	12.21	7.4	830	2570	<49	1050	11400	8160	26500
03/22/16	669.44	6.62	17	590	1520	<110	880	8700	4960	23900
06/12/17	MW-1 WAS ABANDONED/REMOVED DURING EXCAVATION PROJECT									
08/21/17	MW-1 WAS REPLACE WITH MW-1R									
09/11/17	668.30	7.88	5.8	360	1940	<82	500	11800	2840	12700
12/11/17	668.02	8.16	<0.9	470	2070	<43	420	11300	2690	11700
03/07/18	666.16	10.02	1.3	264	1950	<28	350	10100	2360	11800
06/05/18	669.89	6.29	28.0	139	1610	<57	470	2590	2950	7900
02/19/19	666.47	9.71	<0.8	68	1440	<28.5	360	1930	2300	8350
05/13/19	670.27	5.91	3.0	13	400	<14	112	176	1233	2110
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

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

Well MW-2/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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
06/24/15	666.02	9.49	<0.7	<22	1230	<55	660	268	4050	10340
09/24/15	665.01	10.50	NS	33	1050	<24.5	450	211	4000	8090
12/22/15	665.44	10.07	NS	29.9	1330	<24.5	480	370	4070	9780
03/22/16	667.26	8.25	NS	<22	950	<55	520	64	3410	8170
06/12/17	MW-2 WAS ABANDONED/REMOVED DURING EXCAVATION PROJECT									
08/21/17	MW-2 WAS REPLACE WITH MW-2R									
09/11/17	666.56	8.91	NS	76	1650	<41	470	860	2780	10040
12/11/17	665.92	9.55	NS	98	1600	<21.5	570	890	3130	9390
03/07/18	663.36	12.11	NS	96	2030	<14	430	1110	3080	12000
06/05/18	666.39	9.08	NS	93	1350	<28.5	430	960	3110	8290
02/19/19	662.93	12.54	NS	48	1390	<28.5	530	760	2630	8330
05/13/19	665.48	9.99	NS	21	1070	<14	350	640	2340	6720
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

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

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

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)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/24/15	661.68	13.07	NS	2.5	23.3	<1.1	<1.6	5.9	11.8-13.3	22.5
09/24/15	661.66	13.09	NS	3.6	27.1	<0.49	<2.6	16	12.7	31.2
12/22/15	664.53	10.22	<0.7	4.7	14	<0.49	314	2.99	17	18
03/22/16	666.76	7.99	NS	1.83	13.3	<1.1	4.9	0.88	14.6	20.34
09/11/17	666.30	8.45	NS	1.54	24.6	<0.82	2.41	2.46	19.75	21.7
12/11/17	665.40	9.35	NS	1.55	23.1	<0.43	2.49	2.39	20.04	23.3
03/07/18	662.71	12.04	NS	2.43	33	<0.28	<2.1	3.9	16.2-16.83	24.3
06/05/18	666.48	8.27	NS	2.26	16.1	<0.57	7.7	1.97	22.9	28.4
02/19/19	662.34	12.41	NS	2.67	2.06	<0.57	<1.7	0.79	5.7-6.45	4.84
05/13/19	667.16	7.59	NS	0.46	6.1	<0.28	<2.1	0.39	8.03	6.05
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

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

Well MW-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)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/24/15	669.13	7.02	<0.7	<0.44	<0.71	<1.1	<1.6	0.44	<3.1	<3.1
09/24/15	667.97	8.18	0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/22/15	670.04	6.11	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
03/22/16	672.77	3.38	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/11/17	672.83	3.32	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/11/17	672.30	3.85	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
03/07/18	668.27	7.88	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
06/05/18	673.62	2.53	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
02/19/19	668.54	7.61	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
05/13/19	674.05	2.10	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

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

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

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)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/24/15	664.13	10.98	6.5	<0.44	1.9	<1.1	<1.6	<0.44	3.7-4.2	2.42-2.51
09/24/15	667.64	7.47	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/22/15	667.21	7.90	NS	<0.46	10.4	<0.49	<2.6	0.78	18.99	10.33
03/22/16	670.33	4.78	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/11/17	669.29	5.82	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/11/17	667.37	7.74	NS	5.2	181	<0.43	56	10.8	577	324.3
03/07/18	663.22	11.89	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
06/05/18	668.16	6.95	NS	1.96	61	<0.57	23.8	4.8	191	104.2
02/19/19	664.54	10.57	NS	1.65	32	<0.57	20.5	1.41	80-80.75	23.6
05/13/19	668.89	6.22	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			1.5	0.5	140	12	10	160	96	400

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

Well MW-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)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/24/15	669.80	8.22	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/24/15	668.38	9.64	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/22/15	668.81	9.21	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
03/22/16	670.03	7.99	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/11/17	671.16	6.86	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/11/17	671.23	6.79	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
03/07/18	668.96	9.06	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
06/05/18	671.74	6.28	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
02/19/19	COULD NOT LOCATE									
05/13/19	672.11	5.91	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			1.5	0.5	140	12	10	160	96	400

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

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

Well MW-7

PVC Elevation = 675.13 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/24/15	669.85	5.28	<0.7	<0.44	<0.71	<1.1	1.64	<0.44	<3.1	<3.1
09/24/15	669.32	5.81	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
12/22/15	669.71	5.42	NS	<0.46	<0.73	<0.49	<2.6	<0.39	2.01-2.84	<2.06
03/22/16	670.95	4.18	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
09/11/17	670.52	4.61	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/11/17	670.52	4.61	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
03/07/18	669.59	5.54	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
06/05/18	670.56	4.57	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
02/19/19	COULD NOT LOCATE									
05/13/19	671.09	4.04	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

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

ns = not sampled nm = not measured

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

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

	MW-1	MW-1R	MW-2	MW-2R	MW-3	MW-4	MW-5	MW-6	MW-7
Ground Surface (feet msl)	676.38	676.52	675.79	675.80	675.23	676.62	675.48	678.38	675.57
PVC top (feet msl)	676.06	676.18	675.51	675.47	674.75	676.15	675.11	678.02	675.13
Well Depth (feet)	14.00	15.00	14.00	15.00	14.00	14.00	14.00	14.00	14.00
Top of screen (feet msl)	672.38	671.52	671.79	670.80	671.23	672.62	671.48	674.38	666.57
Bottom of screen (feet msl)	662.38	661.52	661.79	660.80	661.23	662.62	661.48	664.38	661.57

Depth to Water From Top of PVC (feet)

6/24/2015	11.28	NI	9.49	NI	13.07	7.02	10.98	8.22	5.28
9/24/2015	13.15	NI	10.50	NI	13.09	8.18	7.47	9.64	5.81
12/22/2015	12.21	NI	10.07	NI	10.22	6.11	7.90	9.21	5.42
3/22/2016	6.62	NI	8.25	NI	7.99	3.38	4.78	7.99	4.18
9/11/2017	A	7.88	A	8.91	8.45	3.32	5.82	6.86	4.61
12/11/2017	A	8.16	A	9.55	9.35	3.85	7.74	6.79	4.61
3/7/2018	A	10.02	A	12.11	12.04	7.88	11.89	9.06	5.54
6/5/2018	A	6.29	A	9.08	8.27	2.53	6.95	6.28	4.57
2/19/2019	A	9.71	A	12.54	12.41	7.61	10.57	CNL	CNL
5/13/2019	A	5.91	A	9.99	7.59	2.10	6.22	5.91	4.04

Depth to Water From Ground Surface (feet)

6/24/2015	11.60	NI	9.77	NI	13.55	7.49	11.35	8.58	5.72
9/24/2015	13.47	NI	10.78	NI	13.57	8.65	7.84	10.00	6.25
12/22/2015	12.53	NI	10.35	NI	10.70	6.58	8.27	9.57	5.86
3/22/2016	6.94	NI	8.53	NI	8.47	3.85	5.15	8.35	4.62
9/11/2017	A	8.22	A	8.91	8.93	3.79	6.19	7.22	5.05
12/11/2017	A	8.50	A	9.88	9.83	4.32	8.11	7.15	5.05
3/7/2018	A	10.36	A	12.44	12.52	8.35	12.26	9.42	5.98
6/5/2018	A	6.63	A	9.41	8.75	3.00	7.32	6.64	5.01
2/19/2019	A	10.05	A	12.87	12.89	8.08	10.94	CNL	CNL
5/13/2019	A	6.25	A	10.32	8.07	2.57	6.59	6.27	4.48

Groundwater Elevation (feet msl)

6/24/2015	664.78	NI	666.02	NI	661.68	669.13	664.13	669.80	669.85
9/24/2015	662.91	NI	665.01	NI	661.66	667.97	667.64	668.38	669.32
12/22/2015	663.85	NI	665.44	NI	664.53	670.04	667.21	668.81	669.71
3/22/2016	669.44	NI	667.26	NI	666.76	672.77	670.33	670.03	670.95
9/11/2017	A	668.30	A	666.56	666.30	672.83	669.29	671.16	670.52
12/11/2017	A	668.02	A	665.92	665.40	672.30	667.37	671.23	670.52
3/7/2018	A	666.16	A	663.36	662.71	668.27	663.22	668.96	669.59
6/5/2018	A	669.89	A	666.39	666.48	673.62	668.16	671.74	670.56
2/19/2019	A	666.47	A	662.93	662.34	668.54	664.54	CNL	CNL
5/13/2019	A	670.27	A	665.48	667.16	674.05	668.89	672.11	671.09

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)	Manganese (ppb)
06/24/15	4.64	6.67	-66	12.0	2047	0.333	12.3	39.2	4650
09/24/15	NOT SAMPLED					NS	NS	NS	NS
12/22/15	2.24	7.16	-83	7.5	728	0.47	40.4	40.4	3058
03/22/16	1.63	7.27	-84	7.3	1263	NS	NS	NS	NS
06/12/17	MW-1 WAS ABANDONED/REMOVED DURING EXCAVATION PROJECT								
08/21/17	MW-1 WAS REPLACE WITH MW-1R								
09/11/17	0.27	7.84	99	16.0	3058	NS	NS	NS	NS
12/11/17	0.89	7.69	103	8.8	4132	NS	NS	NS	NS
03/07/18	0.37	7.57	76	6.0	2642	NS	NS	NS	NS
06/05/18	1.25	7.35	191	9.8	NM	NS	NS	NS	NS
02/19/19	3.79	7.41	-181.3	5.6	3531	NS	NS	NS	NS
05/13/19	3.68	7.15	-26.7	7.46	2805	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i>						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)	Manganese (ppb)
06/24/15	2.56	7.24	11	13.7	1006	0.186	9.13	15.1	1010
09/24/15	3.05	6.55	-2	16.0	621	NS	NS	NS	NS
12/22/15	2.74	7.59	-78	7.5	655	<0.1	12.5	12.5	3672
03/22/16	2.17	7.04	-27	7.3	1386	NS	NS	NS	NS
06/12/17	MW-2 WAS ABANDONED/REMOVED DURING EXCAVATION PROJECT								
08/21/17	MW-2 WAS REPLACE WITH MW-2R								
09/11/17	0.22	7.9	126	15.2	660	NS	NS	NS	NS
12/11/17	1.04	7.98	106	8.1	640	NS	NS	NS	NS
03/07/18	0.33	7.87	97	6.4	583	NS	NS	NS	NS
06/05/18	1.51	7.46	28	8.4	NM	NS	NS	NS	NS
02/19/19	3.81	7.81	-170.5	5.1	659	NS	NS	NS	NS
05/13/19	3.62	6.67	-31.4	6.41	737	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - <i>Italics</i>						2	-	-	60

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

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

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
06/24/15	NOT SAMPLED								
09/24/15	NOT SAMPLED								
12/22/15	2.90	8.31	-40	7.1	418	<0.1	34.1	30.9	1683
03/22/16	2.40	7.06	11	7.1	1114	NS	NS	NS	NS
09/11/17	0.22	7.33	129	14.2	633	NS	NS	NS	NS
12/11/17	1.02	7.42	138	7.4	650	NS	NS	NS	NS
03/07/18	0.47	7.62	142	6.1	521	NS	NS	NS	NS
06/05/18	1.98	7.07	11	7.4	NM	NS	NS	NS	NS
02/19/19	3.90	6.41	126.7	4.56	747	NS	NS	NS	NS
05/13/19	3.78	5.99	-21.3	4.81	683	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	-	-	<i>60</i>

(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	<i>151</i>
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	<i>104</i>
03/22/16	4.03	6.86	204	7.5	522	NS	NS	NS	NS
09/11/17	0.35	7.55	316	19.9	1090	NS	NS	NS	NS
12/11/17	1.59	7.26	306	7.9	940	NS	NS	NS	NS
03/07/18	3.12	7.23	298	5.9	2534	NS	NS	NS	NS
06/05/18	2.89	6.5	284	15.1	NM	NS	NS	NS	NS
02/19/19	4.01	5.37	3.8	3.98	2247	NS	NS	NS	NS
05/13/19	3.91	5.62	-2.0	9.36	849	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	-	-	<i>60</i>

(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)	Manganese (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	<i>5.15</i>	19.3	3.78	<i>198</i>
03/22/16	3.91	6.73	180	7.6	816	NS	NS	NS	NS
09/11/17	1.47	6.84	332	15.8	1103	NS	NS	NS	NS
12/11/17	1.10	6.63	387	76.0	1419	NS	NS	NS	NS
03/07/18	2.70	6.72	186	5.7	996	NS	NS	NS	NS
06/05/18	1.96	6.37	148	9.3	NM	NS	NS	NS	NS
02/19/19	3.83	6.01	-154.1	4.93	1498	NS	NS	NS	NS
05/13/19	4.05	5.58	-8.9	7.64	1443	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

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

Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
06/24/15	4.25	6.79	107	14.0	2915	2.98	35.9	0.02	39.7
09/24/15	5.40	5.98	187	16.2	1258	NS	NS	NS	NS
12/22/15	7.51	5.91	239	6.9	894	2.88	34.4	0.07	23.3
03/22/16	4.67	6.55	216	7.4	512	NS	NS	NS	NS
09/11/17	2.25	6.95	320	16.8	1703	NS	NS	NS	NS
12/11/17	1.16	6.78	317	11.4	1260	NS	NS	NS	NS
03/07/18	4.05	6.92	308	7.8	1245	NS	NS	NS	NS
06/05/18	3.19	6.24	279	11.1	NM	NS	NS	NS	NS
02/19/19	COULD NOT LOCATE								
05/13/19	4.20	6.58	-8.7	8.80	3361	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

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

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

Well MW-7

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
06/24/15	4.12	6.43	81	14.1	3037	1.57	58.4	0.97	527
09/24/15	3.94	6.29	177	16.6	891	NS	NS	NS	NS
12/22/15	5.18	6.54	221	8.3	775	0.62	51.7	0.15	1208
03/22/16	4.89	6.38	268	7.8	644	NS	NS	NS	NS
09/11/17	0.37	7.12	275	16.3	2239	NS	NS	NS	NS
12/11/17	1.42	7.26	308	6.4	2921	NS	NS	NS	NS
03/07/18	1.10	7.13	296	5.7	2298	NS	NS	NS	NS
06/05/18	1.23	6.34	268	11.0	NM	NS	NS	NS	NS
02/19/19	COULD NOT LOCATE								
05/13/19	3.97	6.42	-14.7	8.00	2900	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						<i>2</i>	-	-	<i>60</i>

(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).

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-Feb-19

Project Name PORT WING AUTOMOTIVE

Invoice # E35803

Project #

Lab Code 5035803A

Sample ID MW-4

Sample Matrix Water

Sample Date 2/19/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		2/21/2019	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		2/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		2/21/2019	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		2/21/2019	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		2/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		2/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		2/21/2019	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		2/21/2019	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		2/21/2019	CJR	1

Project #

Lab Code 5035803B
 Sample ID MW-5
 Sample Matrix Water
 Sample Date 2/19/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	1.65	ug/l	0.22	0.69	1	GRO95/8021		2/21/2019	CJR	1
Ethylbenzene	32	ug/l	0.53	1.69	1	GRO95/8021		2/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		2/21/2019	CJR	1
Naphthalene	20.5	ug/l	1.7	5.38	1	GRO95/8021		2/21/2019	CJR	1
Toluene	1.41 "J"	ug/l	0.45	1.45	1	GRO95/8021		2/21/2019	CJR	1
1,2,4-Trimethylbenzene	80	ug/l	0.73	2.33	1	GRO95/8021		2/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		2/21/2019	CJR	1
m&p-Xylene	18.9	ug/l	1	3.17	1	GRO95/8021		2/21/2019	CJR	1
o-Xylene	4.7	ug/l	0.58	1.84	1	GRO95/8021		2/21/2019	CJR	1

Lab Code 5035803C
 Sample ID MW-3
 Sample Matrix Water
 Sample Date 2/19/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	2.67	ug/l	0.22	0.69	1	GRO95/8021		2/21/2019	CJR	1
Ethylbenzene	2.06	ug/l	0.53	1.69	1	GRO95/8021		2/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		2/21/2019	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		2/21/2019	CJR	1
Toluene	0.79 "J"	ug/l	0.45	1.45	1	GRO95/8021		2/21/2019	CJR	1
1,2,4-Trimethylbenzene	5.7	ug/l	0.73	2.33	1	GRO95/8021		2/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		2/21/2019	CJR	1
m&p-Xylene	3.5	ug/l	1	3.17	1	GRO95/8021		2/21/2019	CJR	1
o-Xylene	1.34 "J"	ug/l	0.58	1.84	1	GRO95/8021		2/21/2019	CJR	1

Lab Code 5035803D
 Sample ID MW-2R
 Sample Matrix Water
 Sample Date 2/19/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	48	ug/l	11	34.5	50	GRO95/8021		2/21/2019	CJR	1
Ethylbenzene	1390	ug/l	26.5	84.5	50	GRO95/8021		2/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 28.5	ug/l	28.5	91	50	GRO95/8021		2/21/2019	CJR	1
Naphthalene	530	ug/l	85	269	50	GRO95/8021		2/21/2019	CJR	1
Toluene	760	ug/l	22.5	72.5	50	GRO95/8021		2/21/2019	CJR	1
1,2,4-Trimethylbenzene	2050	ug/l	36.5	116.5	50	GRO95/8021		2/21/2019	CJR	1
1,3,5-Trimethylbenzene	580	ug/l	37.5	119.5	50	GRO95/8021		2/21/2019	CJR	1
m&p-Xylene	6000	ug/l	50	158.5	50	GRO95/8021		2/21/2019	CJR	1
o-Xylene	2330	ug/l	29	92	50	GRO95/8021		2/21/2019	CJR	1

Project

Lab Code 5035803E
 Sample ID MW-1R
 Sample Matrix Water
 Sample Date 2/19/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		2/22/2019	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	68	ug/l	11	34.5	50	GRO95/8021		2/22/2019	CJR	1
Ethylbenzene	1440	ug/l	26.5	84.5	50	GRO95/8021		2/22/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 28.5	ug/l	28.5	91	50	GRO95/8021		2/22/2019	CJR	1
Naphthalene	360	ug/l	85	269	50	GRO95/8021		2/22/2019	CJR	3
Toluene	1930	ug/l	22.5	72.5	50	GRO95/8021		2/22/2019	CJR	3
1,2,4-Trimethylbenzene	1760	ug/l	36.5	116.5	50	GRO95/8021		2/22/2019	CJR	3
1,3,5-Trimethylbenzene	540	ug/l	37.5	119.5	50	GRO95/8021		2/22/2019	CJR	1
m&p-Xylene	6300	ug/l	50	158.5	50	GRO95/8021		2/22/2019	CJR	1
o-Xylene	2050	ug/l	29	92	50	GRO95/8021		2/22/2019	CJR	3

Lab Code 5035803F
 Sample ID TB
 Sample Matrix Water
 Sample Date 2/19/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		2/21/2019	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		2/21/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		2/21/2019	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		2/21/2019	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		2/21/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		2/21/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		2/21/2019	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		2/21/2019	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		2/21/2019	CJR	1

Project Name PORT WING AUTOMOTIVE
Project #

Invoice # E35803

"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

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 29-May-19

Project Name PORT WING AUTOMOTIVE
Project #

Invoice # E36186

Lab Code 5036186A
Sample ID MW-6
Sample Matrix Water
Sample Date 5/13/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		5/16/2019	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		5/16/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		5/16/2019	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		5/16/2019	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		5/16/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		5/16/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		5/16/2019	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		5/16/2019	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		5/16/2019	CJR	1

Project Name PORT WING AUTOMOTIVE
Project #

Invoice # E36186

Lab Code 5036186B
Sample ID MW-7
Sample Matrix Water
Sample Date 5/13/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		5/17/2019	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		5/17/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		5/17/2019	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		5/17/2019	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		5/17/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		5/17/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		5/17/2019	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		5/17/2019	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		5/17/2019	CJR	1

Lab Code 5036186C
Sample ID MW-4
Sample Matrix Water
Sample Date 5/13/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		5/17/2019	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		5/17/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		5/17/2019	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		5/17/2019	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		5/17/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		5/17/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		5/17/2019	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		5/17/2019	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		5/17/2019	CJR	1

Lab Code 5036186D
Sample ID MW-5
Sample Matrix Water
Sample Date 5/13/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		5/22/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		5/22/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		5/22/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		5/22/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		5/22/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		5/22/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		5/22/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		5/22/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		5/22/2019	CJR	1

Project #

Lab Code 5036186E
 Sample ID MW-3
 Sample Matrix Water
 Sample Date 5/13/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.46 "J"	ug/l	0.22	0.71	1	8260B		5/22/2019	CJR	1
Ethylbenzene	6.1	ug/l	0.26	0.83	1	8260B		5/22/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		5/22/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		5/22/2019	CJR	1
Toluene	0.39 "J"	ug/l	0.19	0.6	1	8260B		5/22/2019	CJR	1
1,2,4-Trimethylbenzene	6.8	ug/l	0.8	2.55	1	8260B		5/22/2019	CJR	1
1,3,5-Trimethylbenzene	1.23 "J"	ug/l	0.63	2	1	8260B		5/22/2019	CJR	1
m&p-Xylene	4.4	ug/l	0.43	1.38	1	8260B		5/22/2019	CJR	1
o-Xylene	1.65	ug/l	0.29	0.93	1	8260B		5/22/2019	CJR	1

Lab Code 5036186F
 Sample ID MW-2R
 Sample Matrix Water
 Sample Date 5/13/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	21 "J"	ug/l	11	35.5	50	8260B		5/22/2019	CJR	1
Ethylbenzene	1070	ug/l	13	41.5	50	8260B		5/22/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 14	ug/l	14	44.5	50	8260B		5/22/2019	CJR	1
Naphthalene	350	ug/l	105	332.5	50	8260B		5/22/2019	CJR	1
Toluene	640	ug/l	9.5	30	50	8260B		5/22/2019	CJR	1
1,2,4-Trimethylbenzene	1810	ug/l	40	127.5	50	8260B		5/22/2019	CJR	1
1,3,5-Trimethylbenzene	530	ug/l	31.5	100	50	8260B		5/22/2019	CJR	1
m&p-Xylene	4900	ug/l	21.5	69	50	8260B		5/22/2019	CJR	1
o-Xylene	1820	ug/l	14.5	46.5	50	8260B		5/22/2019	CJR	1

Project #

Lab Code 5036186G
 Sample ID MW-1R
 Sample Matrix Water
 Sample Date 5/13/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	3.0 "J"	ug/L	1.1	3.7	1	7421		5/17/2019	CWT	I
Organic										
PVOC + Naphthalene										
Benzene	13 "J"	ug/l	11	35.5	50	8260B		5/24/2019	CJR	I
Ethylbenzene	400	ug/l	13	41.5	50	8260B		5/24/2019	CJR	I
Methyl tert-butyl ether (MTBE)	< 14	ug/l	14	44.5	50	8260B		5/24/2019	CJR	I
Naphthalene	112 "J"	ug/l	105	332.5	50	8260B		5/24/2019	CJR	I
Toluene	176	ug/l	9.5	30	50	8260B		5/24/2019	CJR	I
1,2,4-Trimethylbenzene	920	ug/l	40	127.5	50	8260B		5/24/2019	CJR	I
1,3,5-Trimethylbenzene	313	ug/l	31.5	100	50	8260B		5/24/2019	CJR	I
m&p-Xylene	1730	ug/l	21.5	69	50	8260B		5/24/2019	CJR	I
o-Xylene	380	ug/l	14.5	46.5	50	8260B		5/24/2019	CJR	I

Lab Code 5036186H
 Sample ID TB
 Sample Matrix Water
 Sample Date 5/13/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		5/21/2019	CJR	I
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		5/21/2019	CJR	I
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		5/21/2019	CJR	I
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		5/21/2019	CJR	I
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		5/21/2019	CJR	I
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		5/21/2019	CJR	I
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		5/21/2019	CJR	I
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		5/21/2019	CJR	I
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		5/21/2019	CJR	I

Project Name PORT WING AUTOMOTIVE

Invoice # E36186

Project #

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code ***Comment***

1 Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

Authorized Signature

Michael Ricker

