SITE INVESTIGATION REPORT
BEST WAY CLEANERS (BRRTS# 02-13-583171)
5914 HIGHWAY 51
MCFARLAND, WISCONSIN 53558

PREPARED FOR:

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JUNE 2019

SEYMOUR ENVIRONMENTAL SERVICES, INC.

P.O. Box 398, 2531 Dyreson Road, McFarland, Wisconsin 53558

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1.0 INTRODUCTION

Seymour Environmental Services, Inc. (Seymour) was retained by FH of McFarland to complete site investigation activities at the Stonefield Square Shopping Center, 5990-5922 U.S. Highway 51 in McFarland, Wisconsin (Figure 1). A Phase I was conducted at the site by Dennis Strutz of Midwest Environics, Inc. During the Phase I ESA several recognized environmental conditions were identified. These include the presence of former dry-cleaning operations at one of the suites, a historic auto repair business located in the northeast part of the property, and potential contamination migration onto the property from a petroleum site located to the east.

We conducted a Phase II at the site in July 2018 which included soil, groundwater and vapor sampling at the site. Only vapor was present above any standards. We installed a mitigation system and submitted a request for no action required to the Wisconsin Department of Natural Resources.

We received a responsible party letter requiring additional investigation of the dry cleaner.

We returned to the site on April 1, 2019 and collected another vapor sample from the probe at the subject site and installed and sampled probes from the neighboring properties. Soil and groundwater samples were collected in the former dry cleaner unit of the strip mall. The results showed that the only location where any standards were exceeded were in the unit formerly occupied by Best Way Cleaners and did not extend beyond its walls. Based on the data collected we believe the site could be closed by the WDNR with a GIS registry for residual contamination.

1.1 Site and Consultant Information

Site Location:	Best Way Cleaners 5914 Highway 51 McFarland, Wisconsin 53558 SW ¼ of the NW ¼ of Section 03 Township 06 North, Range 10 East
Owner:	FH of McFarland, Inc. 5990 Highway 51 McFarland, Wisconsin 53558 E. David Locke
Responsible Party:	Best Way Cleaners, LLC 5472 Alan Drive Oregon, Wisconsin 53575 Chad Beyler
Consultant:	Seymour Environmental Services, Inc. 2531 Dyreson Road McFarland, Wisconsin 53558 Robyn Seymour
Geoprobe/Drillers:	On-site Environmental Services, Inc. P.O. Box 280 Sun Prairie, Wisconsin 53590 Kim Kapugi
Laboratories:	Pace Analytical 1241 Bellevue Street, Suite 9

Green Bay, Wisconsin 54302
Dan Milewsky

Wisconsin Laboratory of Hygiene
2601 Agricultural Drive
P.O. Box 7996
Madison, Wisconsin 53707-7996
Jenna Smith

1.2 Site Description and Surrounding Area

The site consists of an 8,970 square foot one-story wood frame multi-tenant shopping center. Concrete and asphalt-paved areas and grass are at the property (Figure 2). The site and area are serviced by city water and sewer.

A Culver's Restaurant is present across Highway 51 and east of the site. The McFarland State Bank is south of the site. Properties to the west are residential duplexes and single-family homes. The site to the north is Montage, a furniture and home accessories store,

1.3 Site History and Usage

The site was vacant land until the late 1950's when a small auto repair garage was built on the northeast part of the property. This building was used for auto repair, auto painting, and for a cab service. This building was razed in 1984 when the shopping center was constructed. In 1991 an addition was constructed on the north side of the shopping center. The addition is occupied by a Subway Restaurant.

1.4 Geologic Setting

Topography

The site is the central portion of the Yahara River Basin. This basin is characterized by a rolling landscape shaped by underlying bedrock and glacial deposits. The site is in the relatively flat-lying area just east of Lake Waubesa at an elevation of approximately 852 feet above mean sea level. The flat area at the site is surrounded by several small, rock-cored ridges which extend 50 to 100 feet higher than the site. The ground surface slopes toward the southwest toward a small canal system present at an elevation of ~844 ft msl. The canals are connected to Lake Waubesa. The average surface slope is approximately 1%.

Soil and Geology

The *Soil Survey of Dane County* indicates that two types of soil are present at the site, Adrian muck and Marshan silt loam. The Adrian muck is present on the western part of the site and extends toward the west and northwest. The Marshan series soils are present on the eastern part of the site and extend to the east and south. The Adrian muck is a deep, poorly drained soil that develops in depressions along stream valleys. These soils are characterized by a surface layer of organic material 2.5 to 3.5 feet which is underlain by sandy sediment. The Marshan series consists of deep, poorly drained soils which developed along stream benches and terraces. The soil profile is generally a thin surface layer of black silt loam ~1 foot thick. The black silt loam is underlain by silty clay loam to a depth of 30 to 36 inches. The Marshan soils are underlain by sandy alluvial deposits.

The unconsolidated deposits extend to a depth of approximately 30 feet where bedrock is encountered. Bedrock is mapped as upper Cambrian Sandstone. The shallowest bedrock is the Trempealeau Group, which is, in general, a dolomitic sandstone. The Trempealeau Sandstone has been significantly eroded in

the area and is less than 20 feet thick. The Tunnel City/ Lone Rock Sandstone underlies the Trempealeau Group.

Hydrogeology

The water table at the site is shallow, approximately 6 to 7 feet below grade. The groundwater depth decreases toward the south and west because of the drop in topography. Groundwater flow in the area generally is toward the west toward Lake Waubesa.

1.5 Receptor Survey

The site and surrounding properties are serviced by the Village of McFarland utilities. Because of this no water-supply wells are located nearby. No soil or groundwater contamination intersects any utilities and the contamination is limited to a very small area in the former dry cleaner unit of the building.

2.0 SITE INVESTIGATION

2.1 Soil and Groundwater Assessment

Initial Sampling

Seymour met On-site Environmental Services, Inc. at the site on July 3, 2018 to perform sampling. Four borings were installed at the site based on the information identified in the Phase I ESA. Two of the borings, B-1 and B-4, were installed to investigate the dry cleaner. The other two borings, B-2 and B-3, were installed near the former auto repair business. The first boring was installed just west of the former dry cleaner near the exhaust of the ventilation fan for the former dry-cleaning operation. Borings B-2 and B-3 were installed around the auto repair shop. Boring B-4 was installed east of the dry cleaner. The boring locations are shown on Figure 3. The boring logs are included as Appendix A.

Soil samples were collected continuously from each boring. Soil was screened for organic vapors in the field using a photoionization detector equipped with a 10.6 eV lamp. Organic vapors were not detected in the soil samples. One soil sample from each boring was submitted for laboratory analysis of volatile organic compounds (VOCs). Additionally, a soil sample from B-2 and B-3 was analyzed for polynuclear aromatic hydrocarbons (PAHs). The soil samples were submitted to Pace Analytical for analysis. The laboratory reports are included in Appendix B.

Generally, limited impacts were identified in the soil samples. Only naphthalene was detected in two soil samples, B-1 and B-4 between the limit of detection and the limit of quantitation. The naphthalene concentration identified in the samples was below WDNR residual contaminant levels (RCLs). Both samples were collected from shallow soil beneath asphalt. No dry-cleaning related compounds were detected in the soil at the site. Additionally, no PAHs were detected in the soil samples. The results of the soil sampling are summarized on Table 1.

Groundwater samples were collected at each of the borings near the top of the water table (8 to 9 feet bls.). Groundwater samples also were collected deeper within the aquifer from B-1 and B-4 at a depth of ~ 20 feet. All six groundwater samples were analyzed for VOCs. The two samples collected at the water table in B-2 and B-3 also were analyzed for PAHs since these points were in the area of petroleum contamination concerns.

Two VOCs were detected in the groundwater samples from the site, toluene and cis 1,2 dichloroethene. The concentrations detected were quite low and were less than the laboratory limit of quantitation. Toluene was detected in the groundwater at the water table in B-1 and B-2. Cis 1,2 dichloroethene was detected in the water table sample collected from B-4. No VOCs were detected in the two groundwater samples collected deeper within the aquifer. Groundwater analytical results are summarized in Table 2.

Low levels of some number of PAHs were identified in the shallow groundwater samples collected from B-2 and B-3. None of the detected levels exceeded WDNR enforcement standards. The groundwater sample from B-2 contained chrysene above the NR140 preventative action limit (PAL) however, it was detected below the limit of quantitation.

Supplemental Sampling

Seymour and On-site returned to the site on April 1, 2019 to conduct additional soil and groundwater sampling. A single boring (B-5) was installed inside of the building at the location of the former dry-cleaning extractor. We used the M-540 hand truck mounted Geoprobe™ since access was very limited.

Both soil and groundwater samples were collected from B-5. Soil samples collected from 3.5 and 7 feet below the surface were submitted for laboratory analysis of VOCs. Two groundwater samples were collected, one at the water table and the other at 20 feet and submitted for laboratory analysis of VOCs.

A single VOC was detected in the soil samples from B-5, cis 1,2 dichloroethene (DCE). The cis 1,2 DCE level was 954 ug/kg in the soil 3.5 feet below grade and decline to 269 ug/kg in the soil sample from 7 feet below grade (Table 1). The contaminant level in both samples exceeded the groundwater pathway RCL of 41.2 ug/kg.

Several analytes were detected in the groundwater samples collected from B-5. Compounds present include both petroleum-related and dry-cleaning related chemicals. All petroleum-related compounds were present at low levels and were below NR140 groundwater quality standards. Two dry-cleaning related chemicals were identified in the groundwater samples, PCE and cis 1,2 DCE. In the samples collected near the water table PCE was present at 0.57 ug/l and 1,2 DCE was 10.8 ug/l; both levels exceed the NR140 PAL. In the groundwater sample collected at a depth of 20 feet below grade the PCE level was present at 5 ug/l. The 1,2 DCE concentration declined to 2.3 ug/l in the deeper sample.

2.2 Vapor Assessment

Initial Sampling

On July 3, 2018 a single probe was installed inside the unit formerly occupied by Bestway Cleaners. To facilitate sampling of the soil vapors beneath the building slab a Cox-Colvin sampling point was used for the probe. This devise is comprised of a brass sampling point coupled with a silicon sleeve. The sampling pin is inserted into a small hole drilled through the floor and the silicon sleeve seals the space between the concrete. The probe (SS-1) was installed in the southwestern part of the unit between the boiler room and the dry-cleaning extractor (Figure 2). At the sub-slab probe the floor slab consisted of approximately 5 inches of concrete. The concrete was underlain by fine-grained washed sand or sand and gravel. Much of the equipment from the former dry-cleaning operation was present so the primary area of concern was easily identified. No chlorinated dry-cleaning solvents were noted within the building. The operator of the former dry-cleaner said that they had stopped using "perc" cleaning solvents several years ago.

Vapor sampling was conducted in the morning of July 19, 2018. Prior to collecting the sub-slab samples vacuum testing was performed to ensure that the sampling lines did not leak, and testing was done to look for leakage around the probe. A vacuum of 28 inches mercury was applied to the sampling line and the vacuum was monitored for a period of 5 minutes to assess leakage. No loss in vacuum was noted. A "water dam" test was performed to determine if there was any leakage around the newly installed probe. To conduct the test a bottomless vessel was sealed to the floor surrounding the probe. The vessel was filled with 100 ml of a water/quick gel slurry mixed at 70 lbs. per cubic foot. Vapor was extracted from below the slab through the vapor probe tubing to purge the area around the probe. During the purging the liquid level in the water dam was monitored for indications of leakage through the vapor probe seal.

No loss in liquid was noted. During the purging operation organic vapor levels in the vapor from the sub-slab probes were monitored using a photoionization detector equipped with a 10.6 eV lamp. Peak organic vapor levels at the probe was 656 vppm but the levels stabilized at approximately 4 vppm during purging. After the tightness testing was completed samples were collected using 6-liter Summa canisters provided by the Wisconsin State Lab of Hygiene. The sub-slab sampling canisters were equipped with a regulator so that the canister filled over a 30-minute period limiting the flow to approximately 200 ml/min. The vapor sample was analyzed for CVOCs.

Sampling results showed that dry cleaning chemicals are present beneath the building slab. Three dry cleaning chemicals were identified in the sub slab vapor sample, tetrachloroethene (PCE), trichloroethene (TCE), and cis 1,2 dichloroethene. Two of the compounds, PCE and TCE, were present above the vapor risk screening standard applicable to small commercial buildings. PCE levels present in the vapor sample collected beneath the floor slab near the dry-cleaning extractor were 2,100 parts per billion by vapor (ppbv). TCE was present at 220 ppbv and cis 1,2 dichloroethene was present at 390 ppbv. The vapor results are summarized in Table 3.

Vapor Mitigation System Installation

Because the contaminant levels in the initial sub-slab vapor samples exceeded the risk screening standards the property owner determined that a mitigation system would be installed to protect any tenants of the building. On December 14, 2018 Zander Solutions installed the vapor mitigation system. A single drop point was installed in the boiler room near the extractor. The location of the pick-up point is shown on Figure 3. An extraction blower located above the roof is connected to the drop point. The blower creates a negative pressure beneath the floor slab and removes potentially hazardous vapors from beneath the floor.

Supplemental Sampling

We returned to the site on April 1, 2019 to collect a second sub-slab vapor sample in the subject unit and sample at the two adjacent units. Two new Cox-Colvin vapor pins were installed in the adjacent units. The existing probe and two additional sub-slab probes were installed and sampled as previously described. We shut down the mitigation system a week prior to conducting the sampling.

The results indicate that the concentration of CVOCs in the former Best Way unit decreased dramatically since the initial sample was collected and the mitigation system was operating. Only TCE is present above the sub-slab standard and has decreased from 460 ppbv to 61 ppbv in 3 months. During the initial sampling PCE was present above the sub-slab standard at a concentration of 2,100 ppbv and has decreased to 460 ppbv, below the sub-slab standard of 900 ppbv. The results from the neighboring units show only very low levels of PCE and no other compounds. Vapor sampling data is compiled in Table 3.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the second phase of the investigation confirms our conclusions of the results of the Phase II, only a very small release has occurred right at the location of the former extractor. The only contamination was present at that location. The soil and groundwater results from borings outside of the building show that the contamination is limited to the former extractor area. The vapor results further confirm that the identified release was minimal and did not extend to the units only a few feet away.

We recommend no further action be required and that the site be closed with a GIS for the residual contamination.

I, _Robyn Seymour , hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Robyn Seymour

Signature

June 10, 2019

Date

FIGURES

0 2000' 4000'

1 INCH = 2000 FT
SCALE IS APPROXIMATE

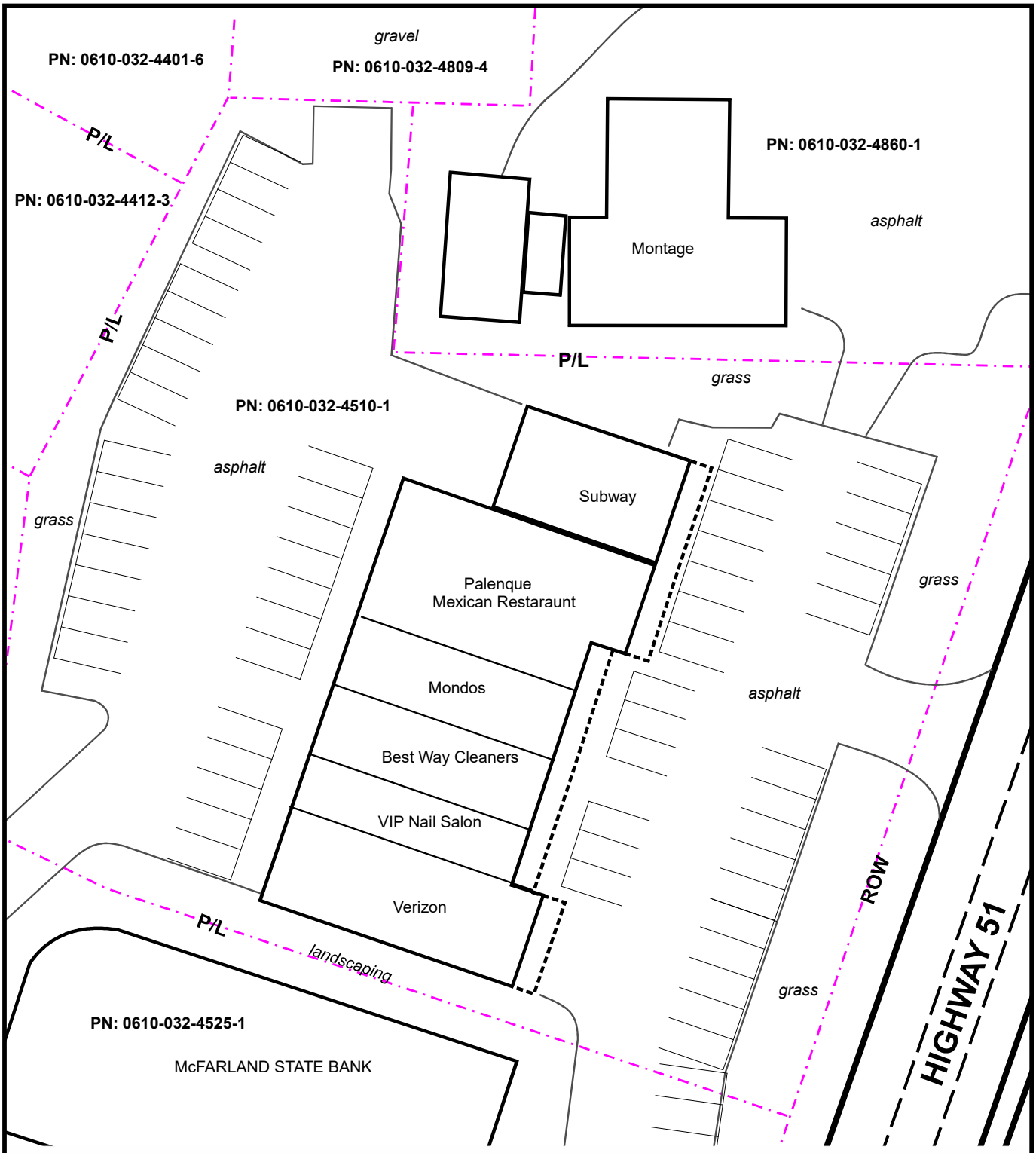
N

FILE/PATH: D:\ PROJECTS\McFARLAND SB\ Stonefield-location.cdr
DATE: 05/11/2019
PREPARED: MDF APPROVED:
SOURCE:
USGS 7.5' Quadrangle Series
Madison East, Wi Quadrangle (1983)

SEYMOUR ENVIRONMENTAL SERVICES, INC.

SITE LOCATION
BEST WAY CLEANERS - STONEFIELD SQUARE
5914 Highway 51
McFarland, Wisconsin

FIGURE
1



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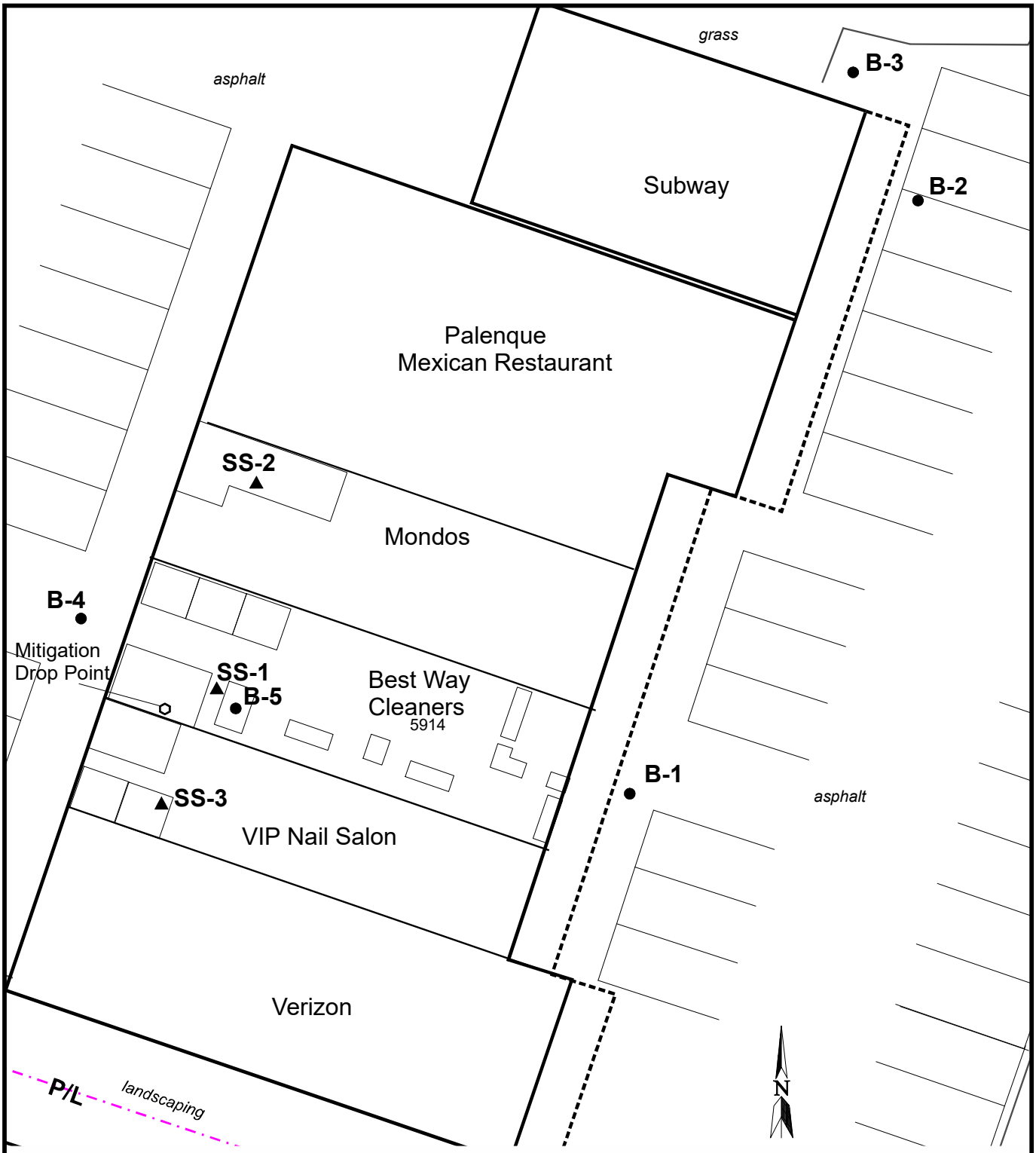
SITE LAYOUT
BEST WAY CLEANERS - STONEFIELD SQUARE
5914 Highway 51
McFarland, Wisconsin

FIGURE
2



LEGEND

B-1 ● - Direct Push Boring

SEY1 ▲ - Subslab Vapor Probe

0 20' 40'

1 INCH = 20 FEET
SCALE IS APPROXIMATE

FILE/PATH: D:\ PROJECTS\McFARLAND SB\ Stonefield-layout.cdr

DATE: 05/19/2019

PREPARED: MDF APPROVED:

SOURCE:
Dane County Public Mapping
Field Measurements

SEYMOUR ENVIRONMENTAL SERVICES, INC.

BORING AND VAPOR SAMPLING LOCATIONS
BEST WAY CLEANERS - STONEFIELD SQUARE
5900-5922 Highway 51
McFarland, Wisconsin

FIGURE 3

TABLES

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS
Former Best Way Cleaners - Stonefield Square Shopping Center
5914 Highway 51 - McFarland, WI

Date	07/03/18				04/01/19		Groundwater	Direct Contact	
SAMPLE	B-1	B-2	B-3	B-4	B-5	B-5	Pathway	RCLs	
Depth (ft)	4	7	5	5	3.5	7	RCLs	Non-Indust.	Industrial
Dry Cleaning Chemicals									
Tetrachloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	4.5	33,000	145,000
Trichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.6	1300	8410
cis 1,2 Dichloroethene	<25.0	<25.0	<25.0	<25.0	**954**	**269**	41.2	156,000	2,340,000
trans 1,2 Dichloroethene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	62.6	1,560,000	1,850,000
Vinyl Chloride	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	0.1	67	2080
Petroleum Chemicals									
Benzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	5.1	1600	7070
1,2 Dichloroethane	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	2.8	652	2870
Ethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1570	8020	35,400
Methyl-tert-butyl ether	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	27	63,800	282,000
Toluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1107	818,000	818,000
1,3,5 Trimethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	ns	182,000	182,000
1,2,4 Trimethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	ns	219,000	219,000
Total Trimethylbenzenes	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	1379	ns	ns
Xylenes, -m, -p	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	ns	ns	ns
Xylene, -o	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	ns	ns	ns
Total Xylenes	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	3940	260,000	260,000
Naphthalene	71.8 (J)	<40.0	<40.0	250 (J)	<40.0	<40.0	658.7	5520	24,100

- VOCs are reported in ug/kg
- na = not analyzed
- ns = no standard established
- (J) = detected below limit of quantitation
- Groundwater Pathway RCL (exceedances bold)
- Direct Contact RCL (non-industrial exceedances underlined)
- Soil standards from R&R Calculator using Wisconsin defaults

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS
Former Best Way Cleaners - Stonefield Square Shopping Center
59142 Highway 51 - McFarland, WI

Date	07/03/2018						04/01/2019		NR140	
Sample I.D.	B-1 (a) Shallow	B-1 (a b) Deep	B-2(a b) Shallow	B-3(a b) Shallow	B-4 (a) Shallow	B-4(a b) Deep	B-5(a b) Shallow	B-5(a b) Deep	ES	PAL
Dry Cleaning Chemicals										
Tetrachloroethene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.57 (J)	**5.0**	5	0.5
Trichloroethene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.26	<0.26	5	0.5
cis 1,2 Dichloroethene	<0.26	<0.26	<0.26	<0.26	0.49 (J)	<0.26	10.8	2.3	70	7
trans 1,2 Dichloroethene	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<1.1	<1.1	100	20
Vinyl Chloride	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.17	<0.17	0.2	0.02
Petroleum Chemicals										
Benzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	0.25 (J)	5	0.5
1,2 Dichloroethane	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.28	<0.28	5	0.5
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.22	0.34	700	140
Methyl-tert-butyl ether	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<1.2	<1.2	60	12
Toluene	0.66 (J)	<0.50	0.57 (J)	<0.50	<0.50	<0.50	0.32 (J)	1.3 (J)	800	160
1,3,5 Trimethylbenzenes	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.87	<0.87	ns	ns
1,2,4 Trimethylbenzenes	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.84	<0.84	ns	ns
Total Trimethylbenzenes	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.71	<1.71	480	96
Xylenes, -m, -p	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.47	0.86 (J)	ns	ns
Xylene, -o	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.26	0.38 (J)	ns	ns
Total Xylenes	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<0.73	1.24 (J)	2000	400
Naphthalene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.1 (J)	3.7 (J)	100	10
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.71	<0.71	ns	ns
s-Butylbenzene	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<0.85	<0.85	ns	ns
Chloroform	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.3	<1.3	6	0.6
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	ns	ns
p-Isopropyltoluene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.80	<0.80	ns	ns
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.81	<0.81	ns	ns

- Analytical results are reported in ug/l
- ns = no standard established
- a = sample flag -high pH
- b = sample flag - air in sample
- (J) = Values estimated by lab; below limit of quantitation
- Shallow sample ~10 feet, deep sample ~20 feet
- NR140 ES = Enforcement Standard (exceedances bold)
- NR140 PAL = Preventative Action Limit (exceedances underlined)

TABLE 3
SUMMARY OF VAPOR INTRUSION SAMPLING
Former Best Way Cleaners - Stonefield Square Shoppnig Center
5914 Highway 51
McFarland, Wisconsin

Sample Date	07/19/2018	04/01/19			Commercial Screening Levels (ppbv)	
Sample	SS-1	SS-1A	SS-2	SS-3	Indoor Air Standard	Sub slab VRSL
Organic Vapor Reading	656	2.1	1.3	9.2	--	--
Analytical Results						
Tetrachloroethene	**2100**	**460**	24	26	27	900
Trichloroethene	**220**	**61**	<0.73	<0.73	1.6	53
cis 1,2 Dichloroethene	**390**	120	<0.63	<0.63	ne	ne
trans 1,2 Dichloroethene	<42	<0.70	<0.70	<0.70	ne	ne
Vinyl chloride	<75	<0.63	<0.63	<0.63	11	366

- Organic Vapor Reading Listed in ppmv
- Analytical results are listed in ppbv
- ne = no standard established
- VAL = Vapor Action Level/Indoor Air Standards (exceedances bold)
- SSVRSL = Subslab Vapor Risk Screening Level (exceedances underlined)
- SSVRSL for small commercial building; WDNR attenuation factor of 0.03

APPENDIX A

BORING LOGS

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Stonefield Square	10843	B-1
Boring Drilled by		**Date Installed**
On-site (Tony Kapugi) Seymour Environmental (Robyn Seymour)		7/03/18
Boring or Well Number WI Unique Well Number (assigned by DNR)	**Borehole Diameter**	**Water Level** Surface Elevation
B-1	2-inch	
SW ¼ of NW ¼ of Section 3 T 6 N R 10 E	Grid Location (if applicable)	
County Dane	County Code 13	Civil Town McFarland

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	60	Surf	Asphalt Gravel Medium brown clay some sand and silt		CL		0						
2	55	5	Increasing fine sand Hit water ~8 ft		SC		0						
3	48	10	Silty fine sand		SW								
4	54	15	Light brown silty fine sand		SW								
		20	End of boring										

Signature	Robyn Seymour	Firm: Seymour Environmental Services, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122
Page 1 of 1

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Stonefield Square	10843	B-2
Boring Drilled by		**Date Installed**
On-site (Tony Kapugi) Seymour Environmental (Robyn Seymour)		7/03/18
Boring or Well Number / **WI Unique Well Number (assigned by DNR)**	**Borehole Diameter**	**Water Level** / **Surface Elevation**
B-2	2-inch	
SW ¼ of NW ¼ of Section 3 T 6 N R 10 E	Grid Location (if applicable)	
County Dane	County Code 13	Civil Town McFarland

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	48	Surf	Asphalt Gravel Medium brown clay some sand and silt		CL		0						
2	60	5	Increasing fine sand Hit water ~8 ft		SC		0						
		10	End of boring										

Signature	Robyn Seymour	Firm: Seymour Environmental Services, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Stonefield Square	10843	B-3
Boring Drilled by		**Date Installed**
On-site (Tony Kapugi) Seymour Environmental (Robyn Seymour)		7/03/18
Boring or Well Number / **WI Unique Well Number (assigned by DNR)**	**Borehole Diameter**	**Water Level** / **Surface Elevation**
B-3	2-inch	
SW ¼ of NW ¼ of Section 3 T 6 N R 10 E	Grid Location (if applicable)	
County Dane / County Code 13	Civil Town McFarland	

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	60	Surf	Grass Silty topsoil Medium brown sandy clay		CL		0						
2	36	5	Silty sand Hit water		SM		0						
		10	End of boring										

Signature	Robyn Seymour	Firm: Seymour Environmental Services, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122
Page 1 of 1

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Stonefield Square	10843	B-4
Boring Drilled by		**Date Installed**
On-site (Tony Kapugi) Seymour Environmental (Robyn Seymour)		7/03/18
Boring or Well Number / **WI Unique Well Number (assigned by DNR)**	**Borehole Diameter**	**Water Level** / **Surface Elevation**
B-4	2-inch	
SW ¼ of NW ¼ of Section 3 T 6 N R 10 E	Grid Location (if applicable)	
County Dane	County Code 13	Civil Town McFarland

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	60	Surf	Grass Silty topsoil Medium brown sandy clay		CL		0						
2	36	5	Silty sand Hit water		SM		0						
3	60	10	Silty fine sand		SW								
4	60	15	Light brown silty fine sand		SW								
		20	End of boring										

Signature	Robyn Seymour	Firm: Seymour Environmental Services, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122
Page 1 of 1

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Stonefield Square	10843	B-5
Boring Drilled by		Date Installed
On-site (Tony Kapugi) Seymour Environmental (Robyn Seymour)		4/01/19
Boring or Well Number / WI Unique Well Number (assigned by DNR)	Borehole Diameter	Water Level / Surface Elevation
B-5	2-inch	
SW ¼ of NW ¼ of Section 3 T 6 N R 10 E	Grid Location (if applicable)	
County Dane / County Code 13	Civil Town McFarland	

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	60	Surf	Concrete gravel Medium brown sandy clay		CL		0						
2	36	5	Silty sand Hit water ~8		SM		0						
	24	10	Silty fine sand		SW								
	36	15	Light brown silty fine sand		SW								
		20	End of boring (M 540 hand truck probe)										

Signature: Robyn Seymour
Firm: Seymour Environmental Services, Inc.

APPENDIX B

LABORATORY REPORTS

Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive, PO Box 7996
Madison, WI 53707-7996
(800)442-4618 - FAX (608)224-6213
http://www.slh.wisc.edu

Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Prof. James J. Schauer, Ph.D., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: 2091 EPA LAB ID: WI00007, WI00008 WI DATCP ID: 105-415

WSLH Sample: 437820001

Report To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558

Invoice To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558
Customer ID: 13810

Field #: SS-1A
Project No: BEST WAY CLEANER
Collection End: 4/1/2019 11:24:00 AM
Collection Start: 04/01/19 1050
Collected By: MARK FRYMAN
Date Received: 4/1/2019
Date Reported: 4/19/2019
Sample Reason:

ID#:
Sample Location:
Sample Description:
Sample Type: SB-SUB SLAB
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 04/09/19 Analysis Date 04/09/19					
Vinyl chloride	EPA TO-15	ND	ppbv	0.63	2.1
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.70	2.3
cis-1,2-Dichloroethene	EPA TO-15	120	ppbv	0.63	2.1
Trichloroethene	EPA TO-15	61	ppbv	0.73	2.4
Tetrachloroethene	EPA TO-15	460	ppbv	0.65	2.1

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Prof. James J. Schauer, Ph.D., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: 2091 EPA LAB ID: WI00007, WI00008 WI DATCP ID: 105-415

WSLH Sample: 437820001

List of Abbreviations:

LOD = Level of detection
LOQ = Level of quantification
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.wisc.edu/about/compliance/nelac-laboratory-accreditation
Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.
Results relate only to the items tested.

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

Responsible Party

Inorganic chemistry: Graham Anderson 608-224-6281
Metals: Graham Anderson 608-224-6280
Organics: Erin Mani 608-224-6269
Environmental Toxicology: David Webb 608-224-6230
Water microbiology: Martin Collins 608-224-6239
Radiochemistry: David Webb 608-224-6227

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Prof. James J. Schauer, Ph.D., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: 2091 EPA LAB ID: WI00007, WI00008 WI DATCP ID: 105-415

WSLH Sample: 437820002

Report To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558

Invoice To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558
Customer ID: 13810

Field #: SS-2
Project No: BEST WAY CLEANER
Collection End: 4/1/2019 10:28:00 AM
Collection Start: 04/01/19 0953
Collected By: MARK FRYMAN
Date Received: 4/1/2019
Date Reported: 4/19/2019
Sample Reason:

ID#:
Sample Location:
Sample Description:
Sample Type: SB-SUB SLAB
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 04/09/19 Analysis Date 04/09/19					
Vinyl chloride	EPA TO-15	ND	ppbv	0.63	2.1
The internal standard QC limit is exceeded.					
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.70	2.3
The internal standard QC limit is exceeded.					
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.63	2.1
The internal standard QC limit is exceeded.					
Trichloroethene	EPA TO-15	ND	ppbv	0.73	2.4
The internal standard QC limit is exceeded.					
Tetrachloroethene	EPA TO-15	24	ppbv	0.65	2.1
The internal standard QC limit is exceeded.					

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Prof. James J. Schauer, Ph.D., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: 2091 EPA LAB ID: WI00007, WI00008 WI DATCP ID: 105-415

WSLH Sample: 437820002

List of Abbreviations:

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ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
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if LOD=LOQ, Limits were not statistically derived

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Responsible Party

Inorganic chemistry: Graham Anderson 608-224-6281
Metals: Graham Anderson 608-224-6280
Organics: Erin Mani 608-224-6269
Environmental Toxicology: David Webb 608-224-6230
Water microbiology: Martin Collins 608-224-6239
Radiochemistry: David Webb 608-224-6227

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Prof. James J. Schauer, Ph.D., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: 2091 EPA LAB ID: WI00007, WI00008 WI DATCP ID: 105-415

WSLH Sample: 437820003

Report To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558

Invoice To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558
Customer ID: 13810

Field #: SS-3
Project No: BEST WAY CLEANER
Collection End: 4/1/2019 10:52:00 AM
Collection Start: 04/01/19 1010
Collected By: MARK FRYMAN
Date Received: 4/1/2019
Date Reported: 4/19/2019
Sample Reason:

ID#:
Sample Location:
Sample Description:
Sample Type: SB-SUB SLAB
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 04/09/19 Analysis Date 04/09/19					
Vinyl chloride	EPA TO-15	ND	ppbv	0.63	2.1
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.70	2.3
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.63	2.1
Trichloroethene	EPA TO-15	ND	ppbv	0.73	2.4
Tetrachloroethene	EPA TO-15	26	ppbv	0.65	2.1

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Prof. James J. Schauer, Ph.D., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: 2091 EPA LAB ID: WI00007, WI00008 WI DATCP ID: 105-415

WSLH Sample: 437820003

List of Abbreviations:

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LOQ = Level of quantification
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if LOD=LOQ, Limits were not statistically derived

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Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.
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Radiochemistry: David Webb 608-224-6227

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 08, 2019

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on April 03, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40185144001	**B-5, 3 1/2'**	Solid	04/01/19 08:05	04/03/19 08:55
40185144002	**B-5, 7'**	Solid	04/01/19 08:15	04/03/19 08:55
40185144003	**B-5, SHALLOW (10')**	Water	04/01/19 08:45	04/03/19 08:55
40185144004	**B-5, DEEP (20')**	Water	04/01/19 09:15	04/03/19 08:55

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40185144001	**B-5, 3 1/2'**	EPA 8260	ALD	64
		ASTM D2974-87	JAK	1
40185144002	**B-5, 7'**	EPA 8260	ALD	64
		ASTM D2974-87	JAK	1
40185144003	**B-5, SHALLOW (10')**	EPA 8260	LAP	64
40185144004	**B-5, DEEP (20')**	EPA 8260	LAP	64

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40185144001	**B-5, 3 1/2'**					
EPA 8260	cis-1,2-Dichloroethene	954	ug/kg	72.6	04/04/19 19:55	
ASTM D2974-87	Percent Moisture	17.3	%	0.10	04/03/19 17:33	
40185144002	**B-5, 7'**					
EPA 8260	cis-1,2-Dichloroethene	269	ug/kg	89.7	04/04/19 20:18	
ASTM D2974-87	Percent Moisture	33.1	%	0.10	04/03/19 17:34	
40185144003	**B-5, SHALLOW (10')**					
EPA 8260	cis-1,2-Dichloroethene	10.8	ug/L	1.0	04/05/19 16:21	
EPA 8260	Naphthalene	3.1J	ug/L	5.0	04/05/19 16:21	
EPA 8260	Tetrachloroethene	0.57J	ug/L	1.1	04/05/19 16:21	
EPA 8260	Toluene	0.32J	ug/L	5.0	04/05/19 16:21	
40185144004	**B-5, DEEP (20')**					
EPA 8260	Benzene	0.25J	ug/L	1.0	04/05/19 15:59	
EPA 8260	cis-1,2-Dichloroethene	2.3	ug/L	1.0	04/05/19 15:59	
EPA 8260	Ethylbenzene	0.34J	ug/L	1.0	04/05/19 15:59	
EPA 8260	Naphthalene	3.7J	ug/L	5.0	04/05/19 15:59	
EPA 8260	Tetrachloroethene	5.0	ug/L	1.1	04/05/19 15:59	
EPA 8260	Toluene	1.3J	ug/L	5.0	04/05/19 15:59	
EPA 8260	m&p-Xylene	0.86J	ug/L	2.0	04/05/19 15:59	
EPA 8260	o-Xylene	0.38J	ug/L	1.0	04/05/19 15:59	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Sample: B-5, 3 1/2' **Lab ID: 40185144001** Collected: 04/01/19 08:05 Received: 04/03/19 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	04/04/19 07:30	04/04/19 19:55	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	04/04/19 07:30	04/04/19 19:55	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	04/04/19 07:30	04/04/19 19:55	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	04/04/19 07:30	04/04/19 19:55	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	75-35-4	W
cis-1,2-Dichloroethene	**954**	ug/kg	72.6	30.2	1	04/04/19 07:30	04/04/19 19:55	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	04/04/19 07:30	04/04/19 19:55	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	100-42-5	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Sample: B-5, 3 1/2' **Lab ID: 40185144001** Collected: 04/01/19 08:05 Received: 04/03/19 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	04/04/19 07:30	04/04/19 19:55	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/04/19 07:30	04/04/19 19:55	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 19:55	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	114	%	57-148		1	04/04/19 07:30	04/04/19 19:55	1868-53-7	
Toluene-d8 (S)	105	%	58-142		1	04/04/19 07:30	04/04/19 19:55	2037-26-5	
4-Bromofluorobenzene (S)	84	%	48-130		1	04/04/19 07:30	04/04/19 19:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.3**	%	0.10	0.10	1		04/03/19 17:33		

Sample: B-5, 7' **Lab ID: 40185144002** Collected: 04/01/19 08:15 Received: 04/03/19 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	04/04/19 07:30	04/04/19 20:18	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	04/04/19 07:30	04/04/19 20:18	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	04/04/19 07:30	04/04/19 20:18	67-66-3	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Sample: B-5, 7' **Lab ID: 40185144002** Collected: 04/01/19 08:15 Received: 04/03/19 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	04/04/19 07:30	04/04/19 20:18	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	75-35-4	W
cis-1,2-Dichloroethene	**269**	ug/kg	89.7	37.4	1	04/04/19 07:30	04/04/19 20:18	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	04/04/19 07:30	04/04/19 20:18	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	04/04/19 07:30	04/04/19 20:18	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	108-67-8	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Sample: B-5, 7' **Lab ID: 40185144002** Collected: 04/01/19 08:15 Received: 04/03/19 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/04/19 07:30	04/04/19 20:18	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/04/19 07:30	04/04/19 20:18	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	117	%	57-148		1	04/04/19 07:30	04/04/19 20:18	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	04/04/19 07:30	04/04/19 20:18	2037-26-5	
4-Bromofluorobenzene (S)	85	%	48-130		1	04/04/19 07:30	04/04/19 20:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**33.1**	%	0.10	0.10	1		04/03/19 17:34		

Sample: B-5, SHALLOW (10') **Lab ID: 40185144003** Collected: 04/01/19 08:45 Received: 04/03/19 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.25**	ug/L	1.0	0.25	1		04/05/19 16:21	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		04/05/19 16:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/05/19 16:21	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		04/05/19 16:21	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		04/05/19 16:21	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		04/05/19 16:21	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		04/05/19 16:21	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		04/05/19 16:21	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		04/05/19 16:21	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		04/05/19 16:21	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/05/19 16:21	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		04/05/19 16:21	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/05/19 16:21	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		04/05/19 16:21	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		04/05/19 16:21	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		04/05/19 16:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		04/05/19 16:21	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		04/05/19 16:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		04/05/19 16:21	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		04/05/19 16:21	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/05/19 16:21	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		04/05/19 16:21	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		04/05/19 16:21	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		04/05/19 16:21	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		04/05/19 16:21	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		04/05/19 16:21	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/05/19 16:21	75-35-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Sample: B-5, SHALLOW (10') **Lab ID: 40185144003** Collected: 04/01/19 08:45 Received: 04/03/19 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
cis-1,2-Dichloroethene	**10.8**	ug/L	1.0	0.27	1		04/05/19 16:21	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		04/05/19 16:21	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		04/05/19 16:21	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		04/05/19 16:21	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		04/05/19 16:21	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		04/05/19 16:21	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		04/05/19 16:21	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		04/05/19 16:21	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		04/05/19 16:21	108-20-3	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/05/19 16:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		04/05/19 16:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		04/05/19 16:21	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		04/05/19 16:21	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		04/05/19 16:21	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		04/05/19 16:21	1634-04-4	
Naphthalene	**3.1J**	ug/L	5.0	1.2	1		04/05/19 16:21	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		04/05/19 16:21	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		04/05/19 16:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/05/19 16:21	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/05/19 16:21	79-34-5	
Tetrachloroethene	**0.57J**	ug/L	1.1	0.33	1		04/05/19 16:21	127-18-4	
Toluene	**0.32J**	ug/L	5.0	0.17	1		04/05/19 16:21	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		04/05/19 16:21	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/05/19 16:21	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/05/19 16:21	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/05/19 16:21	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/05/19 16:21	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/05/19 16:21	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/05/19 16:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/05/19 16:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/05/19 16:21	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/05/19 16:21	75-01-4	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		04/05/19 16:21	179601-23-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		04/05/19 16:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/05/19 16:21	460-00-4	HS,pH
Dibromofluoromethane (S)	102	%	70-130		1		04/05/19 16:21	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/05/19 16:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Sample: B-5, DEEP (20') **Lab ID: 40185144004** Collected: 04/01/19 09:15 Received: 04/03/19 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.25J**	ug/L	1.0	0.25	1		04/05/19 15:59	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		04/05/19 15:59	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		04/05/19 15:59	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		04/05/19 15:59	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		04/05/19 15:59	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		04/05/19 15:59	74-83-9	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		04/05/19 15:59	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		04/05/19 15:59	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		04/05/19 15:59	98-06-6	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		04/05/19 15:59	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/05/19 15:59	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		04/05/19 15:59	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/05/19 15:59	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		04/05/19 15:59	74-87-3	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		04/05/19 15:59	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		04/05/19 15:59	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		04/05/19 15:59	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		04/05/19 15:59	124-48-1	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		04/05/19 15:59	106-93-4	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		04/05/19 15:59	74-95-3	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		04/05/19 15:59	95-50-1	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		04/05/19 15:59	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		04/05/19 15:59	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		04/05/19 15:59	75-71-8	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		04/05/19 15:59	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		04/05/19 15:59	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/05/19 15:59	75-35-4	
cis-1,2-Dichloroethene	**2.3**	ug/L	1.0	0.27	1		04/05/19 15:59	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		04/05/19 15:59	156-60-5	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		04/05/19 15:59	78-87-5	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		04/05/19 15:59	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		04/05/19 15:59	594-20-7	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		04/05/19 15:59	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		04/05/19 15:59	10061-01-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		04/05/19 15:59	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		04/05/19 15:59	108-20-3	
Ethylbenzene	**0.34J**	ug/L	1.0	0.22	1		04/05/19 15:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.2**	ug/L	5.0	1.2	1		04/05/19 15:59	87-68-3	
Isopropylbenzene (Cumene)	**<0.39**	ug/L	5.0	0.39	1		04/05/19 15:59	98-82-8	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		04/05/19 15:59	99-87-6	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		04/05/19 15:59	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		04/05/19 15:59	1634-04-4	
Naphthalene	**3.7J**	ug/L	5.0	1.2	1		04/05/19 15:59	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		04/05/19 15:59	103-65-1	
Styrene	**<0.47**	ug/L	1.6	0.47	1		04/05/19 15:59	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		04/05/19 15:59	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Sample: B-5, DEEP (20') **Lab ID: 40185144004** Collected: 04/01/19 09:15 Received: 04/03/19 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		04/05/19 15:59	79-34-5	
Tetrachloroethene	**5.0**	ug/L	1.1	0.33	1		04/05/19 15:59	127-18-4	
Toluene	**1.3J**	ug/L	5.0	0.17	1		04/05/19 15:59	108-88-3	
1,2,3-Trichlorobenzene	**<0.63**	ug/L	5.0	0.63	1		04/05/19 15:59	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/05/19 15:59	120-82-1	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/05/19 15:59	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		04/05/19 15:59	79-00-5	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/05/19 15:59	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		04/05/19 15:59	75-69-4	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		04/05/19 15:59	96-18-4	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		04/05/19 15:59	95-63-6	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		04/05/19 15:59	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/05/19 15:59	75-01-4	
m&p-Xylene	**0.86J**	ug/L	2.0	0.47	1		04/05/19 15:59	179601-23-1	
o-Xylene	**0.38J**	ug/L	1.0	0.26	1		04/05/19 15:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		04/05/19 15:59	460-00-4	HS,pH
Dibromofluoromethane (S)	102	%	70-130		1		04/05/19 15:59	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/05/19 15:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

QC Batch: 317350 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40185144001, 40185144002

METHOD BLANK: 1845243 Matrix: Solid
Associated Lab Samples: 40185144001, 40185144002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	04/04/19 15:02	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	04/04/19 15:02	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	04/04/19 15:02	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	04/04/19 15:02	
1,1-Dichloroethane	ug/kg	<17.6	50.0	04/04/19 15:02	
1,1-Dichloroethene	ug/kg	<17.6	50.0	04/04/19 15:02	
1,1-Dichloropropene	ug/kg	<14.0	50.0	04/04/19 15:02	
1,2,3-Trichlorobenzene	ug/kg	39.0J	50.0	04/04/19 15:02	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	04/04/19 15:02	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	04/04/19 15:02	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	04/04/19 15:02	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	04/04/19 15:02	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	04/04/19 15:02	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	04/04/19 15:02	
1,2-Dichloroethane	ug/kg	<15.0	50.0	04/04/19 15:02	
1,2-Dichloropropane	ug/kg	<16.8	50.0	04/04/19 15:02	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	04/04/19 15:02	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	04/04/19 15:02	
1,3-Dichloropropane	ug/kg	<12.0	50.0	04/04/19 15:02	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	04/04/19 15:02	
2,2-Dichloropropane	ug/kg	<12.6	50.0	04/04/19 15:02	
2-Chlorotoluene	ug/kg	<15.8	50.0	04/04/19 15:02	
4-Chlorotoluene	ug/kg	<13.0	50.0	04/04/19 15:02	
Benzene	ug/kg	<9.2	20.0	04/04/19 15:02	
Bromobenzene	ug/kg	<20.6	50.0	04/04/19 15:02	
Bromochloromethane	ug/kg	<21.4	50.0	04/04/19 15:02	
Bromodichloromethane	ug/kg	<9.8	50.0	04/04/19 15:02	
Bromoform	ug/kg	<19.8	50.0	04/04/19 15:02	
Bromomethane	ug/kg	<69.9	250	04/04/19 15:02	
Carbon tetrachloride	ug/kg	<12.1	50.0	04/04/19 15:02	
Chlorobenzene	ug/kg	<14.8	50.0	04/04/19 15:02	
Chloroethane	ug/kg	<67.0	250	04/04/19 15:02	
Chloroform	ug/kg	<46.4	250	04/04/19 15:02	
Chloromethane	ug/kg	<20.4	50.0	04/04/19 15:02	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	04/04/19 15:02	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	04/04/19 15:02	
Dibromochloromethane	ug/kg	<17.9	50.0	04/04/19 15:02	
Dibromomethane	ug/kg	<19.3	50.0	04/04/19 15:02	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	04/04/19 15:02	
Diisopropyl ether	ug/kg	<17.7	50.0	04/04/19 15:02	
Ethylbenzene	ug/kg	<12.4	50.0	04/04/19 15:02	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

METHOD BLANK: 1845243 Matrix: Solid
Associated Lab Samples: 40185144001, 40185144002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	04/04/19 15:02	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	04/04/19 15:02	
m&p-Xylene	ug/kg	<34.4	100	04/04/19 15:02	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	04/04/19 15:02	
Methylene Chloride	ug/kg	<16.2	50.0	04/04/19 15:02	
n-Butylbenzene	ug/kg	29.1J	50.0	04/04/19 15:02	
n-Propylbenzene	ug/kg	<11.6	50.0	04/04/19 15:02	
Naphthalene	ug/kg	<40.0	250	04/04/19 15:02	
o-Xylene	ug/kg	<14.0	50.0	04/04/19 15:02	
p-Isopropyltoluene	ug/kg	<12.0	50.0	04/04/19 15:02	
sec-Butylbenzene	ug/kg	23.1J	50.0	04/04/19 15:02	
Styrene	ug/kg	<9.0	50.0	04/04/19 15:02	
tert-Butylbenzene	ug/kg	13.8J	50.0	04/04/19 15:02	
Tetrachloroethene	ug/kg	<12.9	50.0	04/04/19 15:02	
Toluene	ug/kg	<11.2	50.0	04/04/19 15:02	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	04/04/19 15:02	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	04/04/19 15:02	
Trichloroethene	ug/kg	<23.6	50.0	04/04/19 15:02	
Trichlorofluoromethane	ug/kg	<24.7	50.0	04/04/19 15:02	
Vinyl chloride	ug/kg	<21.1	50.0	04/04/19 15:02	
4-Bromofluorobenzene (S)	%	84	48-130	04/04/19 15:02	
Dibromofluoromethane (S)	%	101	57-148	04/04/19 15:02	
Toluene-d8 (S)	%	97	58-142	04/04/19 15:02	

LABORATORY CONTROL SAMPLE: 1845244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2460	98	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2290	92	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2510	100	70-130	
1,1-Dichloroethane	ug/kg	2500	2430	97	67-132	
1,1-Dichloroethene	ug/kg	2500	2310	92	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2230	89	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2120	85	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2590	103	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2290	92	70-130	
1,2-Dichloroethane	ug/kg	2500	2590	104	65-137	
1,2-Dichloropropane	ug/kg	2500	2580	103	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2340	94	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2240	89	70-130	
Benzene	ug/kg	2500	2470	99	70-130	
Bromodichloromethane	ug/kg	2500	2690	108	70-130	
Bromoform	ug/kg	2500	2620	105	57-117	
Bromomethane	ug/kg	2500	2510	100	48-135	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

LABORATORY CONTROL SAMPLE: 1845244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2440	98	65-133	
Chlorobenzene	ug/kg	2500	2350	94	70-130	
Chloroethane	ug/kg	2500	2360	95	37-165	
Chloroform	ug/kg	2500	2380	95	72-126	
Chloromethane	ug/kg	2500	1890	76	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2290	92	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2510	100	69-130	
Dibromochloromethane	ug/kg	2500	2650	106	68-130	
Dichlorodifluoromethane	ug/kg	2500	1550	62	22-100	
Ethylbenzene	ug/kg	2500	2570	103	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2510	100	70-130	
m&p-Xylene	ug/kg	5000	5290	106	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2310	92	66-129	
Methylene Chloride	ug/kg	2500	2400	96	68-129	
o-Xylene	ug/kg	2500	2510	101	70-130	
Styrene	ug/kg	2500	2690	108	70-130	
Tetrachloroethene	ug/kg	2500	2330	93	70-130	
Toluene	ug/kg	2500	2570	103	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2330	93	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2530	101	67-130	
Trichloroethene	ug/kg	2500	2500	100	70-130	
Trichlorofluoromethane	ug/kg	2500	2150	86	64-134	
Vinyl chloride	ug/kg	2500	2010	80	52-122	
4-Bromofluorobenzene (S)	%			94	48-130	
Dibromofluoromethane (S)	%			97	57-148	
Toluene-d8 (S)	%			101	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1845245 1845246

Parameter	Units	40185076002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1250	1250	1160	1190	93	95	62-130	3	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1250	1250	1250	1210	100	96	64-137	3	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1250	1250	1340	1260	107	101	70-130	6	20	
1,1-Dichloroethane	ug/kg	<25.0	1250	1250	1200	1270	96	101	65-132	5	20	
1,1-Dichloroethene	ug/kg	<25.0	1250	1250	1030	1080	82	86	50-128	4	21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1250	1250	1320	1320	105	106	51-148	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1250	1250	1180	1210	95	97	43-134	3	23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1250	1250	1230	1230	98	99	70-130	0	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1250	1250	1230	1290	98	104	70-130	5	20	
1,2-Dichloroethane	ug/kg	<25.0	1250	1250	1370	1330	110	107	65-139	3	20	
1,2-Dichloropropane	ug/kg	<25.0	1250	1250	1260	1280	101	102	74-128	1	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1250	1250	1270	1290	101	103	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1250	1250	1280	1330	102	107	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1845245 1845246

Parameter	Units	40185076002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1250	1250	1210	1250	97	100	66-132	3	20	
Bromodichloromethane	ug/kg	<25.0	1250	1250	1330	1330	107	106	69-130	0	20	
Bromoform	ug/kg	<25.0	1250	1250	1240	1160	99	93	57-130	6	20	
Bromomethane	ug/kg	<69.9	1250	1250	1140	1130	91	90	34-145	1	20	
Carbon tetrachloride	ug/kg	<25.0	1250	1250	1130	1110	90	89	54-133	1	20	
Chlorobenzene	ug/kg	<25.0	1250	1250	1210	1190	97	95	70-130	2	20	
Chloroethane	ug/kg	<67.0	1250	1250	1090	1180	87	94	33-165	7	20	
Chloroform	ug/kg	<46.4	1250	1250	1150	1210	92	97	72-128	5	20	
Chloromethane	ug/kg	<25.0	1250	1250	739	751	59	60	20-120	2	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1250	1250	1150	1200	92	96	69-130	4	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1250	1250	1190	1160	95	93	65-130	3	20	
Dibromochloromethane	ug/kg	<25.0	1250	1250	1280	1310	103	105	65-130	2	20	
Dichlorodifluoromethane	ug/kg	<25.0	1250	1250	637	671	51	54	10-109	5	29	
Ethylbenzene	ug/kg	<25.0	1250	1250	1220	1220	98	97	63-127	0	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1250	1250	1230	1200	98	96	66-130	2	20	
m&p-Xylene	ug/kg	<50.0	2500	2500	2670	2520	107	101	70-130	6	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1250	1250	1140	1170	91	94	62-135	3	20	
Methylene Chloride	ug/kg	<25.0	1250	1250	1160	1210	93	97	68-129	4	20	
o-Xylene	ug/kg	<25.0	1250	1250	1200	1190	96	95	69-130	1	20	
Styrene	ug/kg	<25.0	1250	1250	1330	1260	106	101	70-130	5	20	
Tetrachloroethene	ug/kg	<25.0	1250	1250	1180	1130	95	90	70-130	5	20	
Toluene	ug/kg	<25.0	1250	1250	1260	1250	101	100	80-123	1	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1250	1250	1110	1180	89	94	70-130	5	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1250	1250	1190	1150	95	92	67-130	4	20	
Trichloroethene	ug/kg	<25.0	1250	1250	1190	1170	95	94	70-130	1	20	
Trichlorofluoromethane	ug/kg	<25.0	1250	1250	978	1020	78	81	41-134	4	26	
Vinyl chloride	ug/kg	<25.0	1250	1250	895	910	72	73	39-122	2	20	
4-Bromofluorobenzene (S)	%						103	98	48-130			
Dibromofluoromethane (S)	%						103	103	57-148			
Toluene-d8 (S)	%						108	103	58-142			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

QC Batch: 317321 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40185144003, 40185144004

METHOD BLANK: 1845151 Matrix: Water
Associated Lab Samples: 40185144003, 40185144004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	04/05/19 06:24	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	04/05/19 06:24	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	04/05/19 06:24	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	04/05/19 06:24	
1,1-Dichloroethane	ug/L	<0.27	1.0	04/05/19 06:24	
1,1-Dichloroethene	ug/L	<0.24	1.0	04/05/19 06:24	
1,1-Dichloropropene	ug/L	<0.54	1.8	04/05/19 06:24	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	04/05/19 06:24	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	04/05/19 06:24	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/05/19 06:24	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	04/05/19 06:24	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	04/05/19 06:24	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	04/05/19 06:24	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	04/05/19 06:24	
1,2-Dichloroethane	ug/L	<0.28	1.0	04/05/19 06:24	
1,2-Dichloropropane	ug/L	<0.28	1.0	04/05/19 06:24	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	04/05/19 06:24	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	04/05/19 06:24	
1,3-Dichloropropane	ug/L	<0.83	2.8	04/05/19 06:24	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	04/05/19 06:24	
2,2-Dichloropropane	ug/L	<2.3	7.6	04/05/19 06:24	
2-Chlorotoluene	ug/L	<0.93	5.0	04/05/19 06:24	
4-Chlorotoluene	ug/L	<0.76	2.5	04/05/19 06:24	
Benzene	ug/L	<0.25	1.0	04/05/19 06:24	
Bromobenzene	ug/L	<0.24	1.0	04/05/19 06:24	
Bromochloromethane	ug/L	<0.36	5.0	04/05/19 06:24	
Bromodichloromethane	ug/L	<0.36	1.2	04/05/19 06:24	
Bromoform	ug/L	<4.0	13.2	04/05/19 06:24	
Bromomethane	ug/L	<0.97	5.0	04/05/19 06:24	
Carbon tetrachloride	ug/L	<0.17	1.0	04/05/19 06:24	
Chlorobenzene	ug/L	<0.71	2.4	04/05/19 06:24	
Chloroethane	ug/L	<1.3	5.0	04/05/19 06:24	
Chloroform	ug/L	<1.3	5.0	04/05/19 06:24	
Chloromethane	ug/L	<2.2	7.3	04/05/19 06:24	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	04/05/19 06:24	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	04/05/19 06:24	
Dibromochloromethane	ug/L	<2.6	8.7	04/05/19 06:24	
Dibromomethane	ug/L	<0.94	3.1	04/05/19 06:24	
Dichlorodifluoromethane	ug/L	<0.50	5.0	04/05/19 06:24	
Diisopropyl ether	ug/L	<1.9	6.3	04/05/19 06:24	
Ethylbenzene	ug/L	<0.22	1.0	04/05/19 06:24	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

METHOD BLANK: 1845151 Matrix: Water
Associated Lab Samples: 40185144003, 40185144004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	04/05/19 06:24	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	04/05/19 06:24	
m&p-Xylene	ug/L	<0.47	2.0	04/05/19 06:24	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	04/05/19 06:24	
Methylene Chloride	ug/L	<0.58	5.0	04/05/19 06:24	
n-Butylbenzene	ug/L	<0.71	2.4	04/05/19 06:24	
n-Propylbenzene	ug/L	<0.81	5.0	04/05/19 06:24	
Naphthalene	ug/L	<1.2	5.0	04/05/19 06:24	
o-Xylene	ug/L	<0.26	1.0	04/05/19 06:24	
p-Isopropyltoluene	ug/L	<0.80	2.7	04/05/19 06:24	
sec-Butylbenzene	ug/L	<0.85	5.0	04/05/19 06:24	
Styrene	ug/L	<0.47	1.6	04/05/19 06:24	
tert-Butylbenzene	ug/L	<0.30	1.0	04/05/19 06:24	
Tetrachloroethene	ug/L	<0.33	1.1	04/05/19 06:24	
Toluene	ug/L	<0.17	5.0	04/05/19 06:24	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	04/05/19 06:24	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	04/05/19 06:24	
Trichloroethene	ug/L	<0.26	1.0	04/05/19 06:24	
Trichlorofluoromethane	ug/L	<0.21	1.0	04/05/19 06:24	
Vinyl chloride	ug/L	<0.17	1.0	04/05/19 06:24	
4-Bromofluorobenzene (S)	%	90	70-130	04/05/19 06:24	
Dibromofluoromethane (S)	%	101	70-130	04/05/19 06:24	
Toluene-d8 (S)	%	97	70-130	04/05/19 06:24	

LABORATORY CONTROL SAMPLE: 1845152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.5	107	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	52.2	104	67-130	
1,1,2-Trichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	70-134	
1,1-Dichloroethene	ug/L	50	50.0	100	75-132	
1,2,4-Trichlorobenzene	ug/L	50	54.1	108	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.6	93	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	53.3	107	70-130	
1,2-Dichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dichloroethane	ug/L	50	51.0	102	73-134	
1,2-Dichloropropane	ug/L	50	54.3	109	79-128	
1,3-Dichlorobenzene	ug/L	50	54.2	108	70-130	
1,4-Dichlorobenzene	ug/L	50	54.7	109	70-130	
Benzene	ug/L	50	52.0	104	69-137	
Bromodichloromethane	ug/L	50	53.7	107	70-130	
Bromoform	ug/L	50	49.3	99	64-133	
Bromomethane	ug/L	50	51.0	102	29-123	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

LABORATORY CONTROL SAMPLE: 1845152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	54.1	108	73-142	
Chlorobenzene	ug/L	50	53.3	107	70-130	
Chloroethane	ug/L	50	46.4	93	59-133	
Chloroform	ug/L	50	51.5	103	80-129	
Chloromethane	ug/L	50	38.6	77	27-125	
cis-1,2-Dichloroethene	ug/L	50	50.1	100	70-134	
cis-1,3-Dichloropropene	ug/L	50	47.8	96	70-130	
Dibromochloromethane	ug/L	50	57.3	115	70-130	
Dichlorodifluoromethane	ug/L	50	31.3	63	12-127	
Ethylbenzene	ug/L	50	57.4	115	86-127	
Isopropylbenzene (Cumene)	ug/L	50	60.0	120	70-130	
m&p-Xylene	ug/L	100	119	119	70-131	
Methyl-tert-butyl ether	ug/L	50	49.0	98	65-136	
Methylene Chloride	ug/L	50	50.9	102	72-133	
o-Xylene	ug/L	50	58.2	116	70-130	
Styrene	ug/L	50	59.5	119	70-130	
Tetrachloroethene	ug/L	50	54.9	110	70-130	
Toluene	ug/L	50	53.9	108	84-124	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	70-133	
trans-1,3-Dichloropropene	ug/L	50	47.8	96	67-130	
Trichloroethene	ug/L	50	55.2	110	70-130	
Trichlorofluoromethane	ug/L	50	50.2	100	69-147	
Vinyl chloride	ug/L	50	44.8	90	48-134	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1846466 1846467

Parameter	Units	40185136003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	51.8	52.6	104	105	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	49.0	51.3	98	103	67-133	4	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	51.7	51.3	103	103	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	49.6	49.5	99	99	70-139	0	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	48.1	48.8	96	98	72-137	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	52.1	54.0	104	108	68-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	44.2	46.3	88	93	60-130	5	21	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	51.3	51.5	103	103	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	50.7	53.4	101	107	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	49.4	49.7	99	99	71-137	1	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	53.7	52.8	107	106	78-130	2	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	52.3	54.3	105	109	70-130	4	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	52.8	55.0	106	110	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1846466 1846467

Parameter	Units	40185136003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.25	50	50	50.7	51.0	101	102	66-143	1	20	
Bromodichloromethane	ug/L	<0.36	50	50	53.1	52.7	106	105	70-130	1	20	
Bromoform	ug/L	<4.0	50	50	48.2	48.9	96	98	64-134	1	20	
Bromomethane	ug/L	<0.97	50	50	54.7	53.3	109	106	29-136	3	25	
Carbon tetrachloride	ug/L	<0.17	50	50	53.0	53.2	106	106	73-142	0	20	
Chlorobenzene	ug/L	<0.71	50	50	51.6	52.5	103	105	70-130	2	20	
Chloroethane	ug/L	<1.3	50	50	44.7	45.3	89	91	58-138	1	20	
Chloroform	ug/L	<1.3	50	50	49.5	50.0	99	100	80-131	1	20	
Chloromethane	ug/L	<2.2	50	50	36.7	36.7	73	73	24-125	0	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	48.5	49.5	97	99	68-137	2	22	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	47.5	47.2	95	94	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	57.0	57.5	114	115	70-131	1	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	29.9	30.5	60	61	10-127	2	20	
Ethylbenzene	ug/L	<0.22	50	50	55.4	56.4	111	113	81-136	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	57.7	58.9	115	118	70-132	2	20	
m&p-Xylene	ug/L	<0.47	100	100	115	117	115	117	70-135	1	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	41.4	40.5	83	81	58-142	2	23	
Methylene Chloride	ug/L	<0.58	50	50	49.6	53.2	99	106	69-137	7	20	
o-Xylene	ug/L	<0.26	50	50	56.2	56.8	112	114	70-132	1	20	
Styrene	ug/L	<0.47	50	50	57.6	58.2	115	116	70-130	1	20	
Tetrachloroethene	ug/L	<0.33	50	50	52.9	53.8	106	108	70-132	2	20	
Toluene	ug/L	<0.17	50	50	52.6	52.6	105	105	81-130	0	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	52.6	53.0	105	106	70-136	1	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	46.6	47.2	93	94	67-130	1	20	
Trichloroethene	ug/L	<0.26	50	50	54.5	53.7	109	107	70-131	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	49.2	48.9	98	98	66-150	1	20	
Vinyl chloride	ug/L	<0.17	50	50	43.0	43.3	86	87	46-134	1	20	
4-Bromofluorobenzene (S)	%						100	100	70-130			
Dibromofluoromethane (S)	%						97	97	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

QC Batch: 317314
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40185144001, 40185144002

SAMPLE DUPLICATE: 1845116

Parameter	Units	40185055002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.1	6.1	0	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
W	Non-detect results are reported on a wet weight basis.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BESTWAY CLEANERS
Pace Project No.: 40185144

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40185144001	**B-5, 3 1/2'**	EPA 5035/5030B	317350	EPA 8260	317353
40185144002	**B-5, 7'**	EPA 5035/5030B	317350	EPA 8260	317353
40185144003	**B-5, SHALLOW (10')**	EPA 8260	317321		
40185144004	**B-5, DEEP (20')**	EPA 8260	317321		
40185144001	**B-5, 3 1/2'**	ASTM D2974-87	317314		
40185144002	**B-5, 7'**	ASTM D2974-87	317314		

Pace Analytical® JK
www.pacelabs.com

CHAIN OF CUSTODY

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

40185144

(Please Print Clearly)

Company Name:	Symour Env
Branch/Location:	
Project Contact:	Robyn Symour
Phone:	608 225 9407
Project Number:	
Project Name:	Bestway Cleaners
Project State:	Wisconsin
Sampled By (Print):	Robyn Symour
Sampled By (Sign):	
PO #:	
Regulatory Program:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	Robyn Symour
Mail To Company:	Symour Env.
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO): N
PRESERVATION (CODE)*: B/F

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	B-5, 3½	4/1	0805	S	X			
002	B-5, 7'		0815	S	X			
003	B-5, shallow (10')		0845	GW	X			
004	B-5, deep (20')		0915	GW	X			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Robyn Symour	4/1 1200		
CS Logistics	4.3.19 0855	[signature]	4.3.19 0855

PACE Project No. 40185144
Receipt Temp = R01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present (circled)
Intact / Not Intact

Version 6.0 06/14/06
C019a(27Jun2006)
ORIGINAL

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: Seymour Env. Project # 40185149

All containers needing preservation have been checked and noted below: □Yes □No □N/A

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

Initial when completed: Date/ Time:

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																			1				1										2.5 / 5 / 10
002																			1				1										2.5 / 5 / 10
003																		3									1						2.5 / 5 / 10
004																		3									3						2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : □Yes □No □N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical — 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 25Apr2018
	Document No.: **F-GB-C-031-Rev.07**	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO# : 40185144**

40185144

Client Name: Seymour Env.

Courier: ☑ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other: ______

Tracking #: 894.040219

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other ______

Thermometer Used SR - N/A **Type of Ice:** Wet (Blue) Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr:

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 4·3·19
Initials: PG

Item	Response	Comments
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. No pg # No Invoice 4/3/19 PG
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & (Signature) on COC:	☐Yes ☑No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No	MS/MSD: ☐Yes ☑No ☐N/A	8. 003, 004 Heavy Sediment. 4/3/19 PG
Correct Containers Used:	☐Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: S/W	☐Yes ☑No ☐N/A	12. Client used soluble marker. Wrote on the caps of WPFU. Info wearing off. Client used soluble Ink on Vials. 003 VG9H
Trip Blank Present:	☐Yes ☑No ☐N/A	13. ~~Time unlegible~~ 4·3·19 PG unlegible 4·3·19 PG
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): ______		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: ______ Date/Time: ______

Comments/ Resolution: Client returned (3) VG9H vials unused. 4·3·19 PG

Project Manager Review: [signature] **Date:** 04/03/19

Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive, PO Box 7996
Madison, WI 53707-7996
(800)442-4618 - FAX (608)224-6213
http://www.slh.wisc.edu

Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Prof. James J. Schauer, Ph.D., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: 2091 EPA LAB ID: WI00007, WI00008 WI DATCP ID: 105-415

WSLH Sample: 395694001

Report To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558

Invoice To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558
Customer ID: 13810

Field #: SS-1
Project No: BESTWAY
Collection End: 7/19/2018 10:24:00 AM
Collection Start: 07/19/18 09:52
Collected By: MARK FRYMAN
Date Received: 7/19/2018
Date Reported: 8/9/2018
Sample Reason:

ID#:
Sample Location:
Sample Description: SS-1
Sample Type: SB-SUB SLAB
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 08/08/18 Analysis Date 08/08/18					
Vinyl chloride	EPA TO-15	ND	ppbv	75	250
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	42	140
cis-1,2-Dichloroethene	EPA TO-15	390	ppbv	33	110
Trichloroethene	EPA TO-15	220F	ppbv	87	290
Tetrachloroethene	EPA TO-15	2100	ppbv	78	260

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Prof. James J. Schauer, Ph.D., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: 2091 EPA LAB ID: WI00007, WI00008 WI DATCP ID: 105-415

WSLH Sample: 395694001

List of Abbreviations:

LOD = Level of detection
LOQ = Level of quantification
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.wisc.edu/about/compliance/nelac-laboratory-accreditation
Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.
Results relate only to the items tested.

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262
Inorganic Chemistry: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282
Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282
Organic Chemistry: Al Spallato, Lab Manager, 608-224-6269
Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251
Environmental Toxicology: Tracy Hanke, Lab Manager, 608-224-6270

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

July 23, 2018

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: MCFARLAND STATE
Pace Project No.: 40172024

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on July 06, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Revised Report: Moisture was reanalyzed for 40172024009, yielding a new dry weight corrected value for naphthalene.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: MCFARLAND STATE
Pace Project No.: 40172024

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40172024001	**B-1, 4'**	Solid	07/03/18 08:45	07/06/18 09:30
40172024002	**B-1, SHALLOW**	Water	07/03/18 09:00	07/06/18 09:30
40172024003	**B-1, DEEP**	Water	07/03/18 09:05	07/06/18 09:30
40172024004	**B-2, 4'**	Solid	07/03/18 10:10	07/06/18 09:30
40172024005	**B-2, 7'**	Solid	07/03/18 10:20	07/06/18 09:30
40172024006	**B-2**	Water	07/03/18 10:30	07/06/18 09:30
40172024007	**B-3, 5'**	Solid	07/03/18 10:40	07/06/18 09:30
40172024008	**B-3**	Water	07/03/18 10:45	07/06/18 09:30
40172024009	**B-4, 5'**	Solid	07/03/18 11:00	07/06/18 09:30
40172024010	**B-4, SHALLOW**	Water	07/03/18 11:15	07/06/18 09:30
40172024011	**B-4, DEEP**	Water	07/03/18 11:25	07/06/18 09:30

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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: MCFARLAND STATE
Pace Project No.: 40172024

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40172024001	**B-1, 4'**	EPA 8260	SMT	64
		ASTM D2974-87	AH	1
40172024002	**B-1, SHALLOW**	EPA 8260	MDS	64
40172024003	**B-1, DEEP**	EPA 8260	MDS	64
40172024004	**B-2, 4'**	EPA 8270 by SIM	ARO	20
		ASTM D2974-87	SSM	1
40172024005	**B-2, 7'**	EPA 8260	SMT	64
		ASTM D2974-87	SSM	1
40172024006	**B-2**	EPA 8270 by HVI	TPO	20
		EPA 8260	MDS	64
40172024007	**B-3, 5'**	EPA 8270 by SIM	ARO	20
		EPA 8260	SMT	64
		ASTM D2974-87	SSM	1
40172024008	**B-3**	EPA 8270 by HVI	TPO	20
		EPA 8260	MDS	64
40172024009	**B-4, 5'**	EPA 8260	SMT	64
		ASTM D2974-87	JXM	1
40172024010	**B-4, SHALLOW**	EPA 8260	MDS	64
40172024011	**B-4, DEEP**	EPA 8260	MDS	64

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: MCFARLAND STATE
Pace Project No.: 40172024

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40172024001	**B-1, 4'**					
EPA 8260	Naphthalene	71.8J	ug/kg	283	07/09/18 19:12	
ASTM D2974-87	Percent Moisture	11.8	%	0.10	07/13/18 08:34	
40172024002	**B-1, SHALLOW**					
EPA 8260	Toluene	0.66J	ug/L	1.0	07/11/18 10:42	
40172024004	**B-2, 4'**					
ASTM D2974-87	Percent Moisture	14.9	%	0.10	07/13/18 17:33	
40172024005	**B-2, 7'**					
ASTM D2974-87	Percent Moisture	9.3	%	0.10	07/13/18 17:33	
40172024006	**B-2**					
EPA 8270 by HVI	Acenaphthene	0.012J	ug/L	0.030	07/10/18 19:32	
EPA 8270 by HVI	Anthracene	0.058	ug/L	0.052	07/10/18 19:32	
EPA 8270 by HVI	Benzo(a)anthracene	0.021J	ug/L	0.038	07/10/18 19:32	
EPA 8270 by HVI	Benzo(a)pyrene	0.012J	ug/L	0.053	07/10/18 19:32	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.013J	ug/L	0.029	07/10/18 19:32	
EPA 8270 by HVI	Benzo(g,h,i)perylene	0.011J	ug/L	0.034	07/10/18 19:32	M1
EPA 8270 by HVI	Benzo(k)fluoranthene	0.014J	ug/L	0.038	07/10/18 19:32	
EPA 8270 by HVI	Chrysene	0.026J	ug/L	0.065	07/10/18 19:32	
EPA 8270 by HVI	Fluoranthene	0.083	ug/L	0.053	07/10/18 19:32	M1
EPA 8270 by HVI	Fluorene	0.010J	ug/L	0.040	07/10/18 19:32	
EPA 8270 by HVI	1-Methylnaphthalene	0.083	ug/L	0.030	07/10/18 19:32	L1
EPA 8270 by HVI	2-Methylnaphthalene	0.089	ug/L	0.024	07/10/18 19:32	
EPA 8270 by HVI	Naphthalene	0.10	ug/L	0.092	07/10/18 19:32	
EPA 8270 by HVI	Phenanthrene	0.14	ug/L	0.069	07/10/18 19:32	
EPA 8270 by HVI	Pyrene	0.078	ug/L	0.038	07/10/18 19:32	M1
EPA 8260	Toluene	0.57J	ug/L	1.0	07/11/18 11:05	
40172024007	**B-3, 5'**					
ASTM D2974-87	Percent Moisture	5.7	%	0.10	07/13/18 17:33	
40172024008	**B-3**					
EPA 8270 by HVI	Benzo(a)anthracene	0.0091J	ug/L	0.038	07/10/18 21:58	
EPA 8270 by HVI	Benzo(b)fluoranthene	0.0071J	ug/L	0.029	07/10/18 21:58	
EPA 8270 by HVI	Fluoranthene	0.016J	ug/L	0.053	07/10/18 21:58	
EPA 8270 by HVI	1-Methylnaphthalene	0.014J	ug/L	0.030	07/10/18 21:58	L1
EPA 8270 by HVI	Naphthalene	0.079J	ug/L	0.092	07/10/18 21:58	
EPA 8270 by HVI	Phenanthrene	0.047J	ug/L	0.069	07/10/18 21:58	
EPA 8270 by HVI	Pyrene	0.018J	ug/L	0.038	07/10/18 21:58	
40172024009	**B-4, 5'**					
EPA 8260	Naphthalene	250J	ug/kg	307	07/10/18 09:51	
ASTM D2974-87	Percent Moisture	18.7	%	0.10	07/21/18 15:09	
40172024010	**B-4, SHALLOW**					
EPA 8260	cis-1,2-Dichloroethene	0.49J	ug/L	1.0	07/10/18 15:18	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-1, 4' **Lab ID: 40172024001** Collected: 07/03/18 08:45 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	07/09/18 08:30	07/09/18 19:12	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	07/09/18 08:30	07/09/18 19:12	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	07/09/18 08:30	07/09/18 19:12	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	07/09/18 08:30	07/09/18 19:12	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	1634-04-4	W
Naphthalene	**71.8J**	ug/kg	283	45.4	1	07/09/18 08:30	07/09/18 19:12	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	100-42-5	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-1, 4' **Lab ID: 40172024001** Collected: 07/03/18 08:45 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	07/09/18 08:30	07/09/18 19:12	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/09/18 08:30	07/09/18 19:12	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:12	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	94	%	57-148		1	07/09/18 08:30	07/09/18 19:12	1868-53-7	
Toluene-d8 (S)	102	%	58-142		1	07/09/18 08:30	07/09/18 19:12	2037-26-5	
4-Bromofluorobenzene (S)	89	%	48-130		1	07/09/18 08:30	07/09/18 19:12	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.8**	%	0.10	0.10	1		07/13/18 08:34		

Sample: B-1, SHALLOW **Lab ID: 40172024002** Collected: 07/03/18 09:00 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/11/18 10:42	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/11/18 10:42	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/11/18 10:42	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/11/18 10:42	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:42	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/11/18 10:42	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/11/18 10:42	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	74-87-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-1, SHALLOW **Lab ID: 40172024002** Collected: 07/03/18 09:00 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/11/18 10:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/11/18 10:42	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:42	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/11/18 10:42	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/11/18 10:42	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/11/18 10:42	75-34-3	L1
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/11/18 10:42	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/11/18 10:42	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/11/18 10:42	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/11/18 10:42	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/11/18 10:42	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/11/18 10:42	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/11/18 10:42	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/11/18 10:42	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/11/18 10:42	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/11/18 10:42	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/11/18 10:42	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/11/18 10:42	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/11/18 10:42	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:42	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/11/18 10:42	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	127-18-4	
Toluene	**0.66J**	ug/L	1.0	0.50	1		07/11/18 10:42	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/11/18 10:42	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/11/18 10:42	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/11/18 10:42	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/11/18 10:42	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:42	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:42	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/11/18 10:42	179601-23-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-1, SHALLOW **Lab ID: 40172024002** Collected: 07/03/18 09:00 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		07/11/18 10:42	460-00-4	pH
Dibromofluoromethane (S)	124	%	70-130		1		07/11/18 10:42	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/11/18 10:42	2037-26-5	

Sample: B-1, DEEP **Lab ID: 40172024003** Collected: 07/03/18 09:05 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/11/18 10:20	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/11/18 10:20	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/11/18 10:20	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/11/18 10:20	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:20	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/11/18 10:20	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/11/18 10:20	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/11/18 10:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/11/18 10:20	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:20	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/11/18 10:20	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/11/18 10:20	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/11/18 10:20	75-34-3	L1
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/11/18 10:20	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/11/18 10:20	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/11/18 10:20	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/11/18 10:20	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/11/18 10:20	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/11/18 10:20	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/11/18 10:20	563-58-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-1, DEEP **Lab ID: 40172024003** Collected: 07/03/18 09:05 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/11/18 10:20	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/11/18 10:20	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/11/18 10:20	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/11/18 10:20	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/11/18 10:20	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/11/18 10:20	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/11/18 10:20	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/11/18 10:20	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/11/18 10:20	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/11/18 10:20	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/11/18 10:20	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:20	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/11/18 10:20	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/11/18 10:20	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 10:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		07/11/18 10:20	460-00-4	HS,pH
Dibromofluoromethane (S)	123	%	70-130		1		07/11/18 10:20	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/11/18 10:20	2037-26-5	

Sample: B-2, 4' **Lab ID: 40172024004** Collected: 07/03/18 10:10 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<4.6**	ug/kg	15.2	4.6	1	07/09/18 09:06	07/09/18 14:46	83-32-9	
Acenaphthylene	**<3.9**	ug/kg	12.9	3.9	1	07/09/18 09:06	07/09/18 14:46	208-96-8	
Anthracene	**<6.7**	ug/kg	22.3	6.7	1	07/09/18 09:06	07/09/18 14:46	120-12-7	
Benzo(a)anthracene	**<3.7**	ug/kg	12.5	3.7	1	07/09/18 09:06	07/09/18 14:46	56-55-3	
Benzo(a)pyrene	**<3.0**	ug/kg	9.8	3.0	1	07/09/18 09:06	07/09/18 14:46	50-32-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-2, 4' **Lab ID: 40172024004** Collected: 07/03/18 10:10 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Benzo(b)fluoranthene	**<3.3**	ug/kg	11.1	3.3	1	07/09/18 09:06	07/09/18 14:46	205-99-2	
Benzo(g,h,i)perylene	**<2.4**	ug/kg	8.0	2.4	1	07/09/18 09:06	07/09/18 14:46	191-24-2	
Benzo(k)fluoranthene	**<2.9**	ug/kg	9.8	2.9	1	07/09/18 09:06	07/09/18 14:46	207-08-9	
Chrysene	**<4.0**	ug/kg	13.2	4.0	1	07/09/18 09:06	07/09/18 14:46	218-01-9	
Dibenz(a,h)anthracene	**<2.6**	ug/kg	8.8	2.6	1	07/09/18 09:06	07/09/18 14:46	53-70-3	
Fluoranthene	**<6.1**	ug/kg	20.4	6.1	1	07/09/18 09:06	07/09/18 14:46	206-44-0	
Fluorene	**<4.9**	ug/kg	16.2	4.9	1	07/09/18 09:06	07/09/18 14:46	86-73-7	
Indeno(1,2,3-cd)pyrene	**<2.6**	ug/kg	8.6	2.6	1	07/09/18 09:06	07/09/18 14:46	193-39-5	
1-Methylnaphthalene	**<4.7**	ug/kg	15.7	4.7	1	07/09/18 09:06	07/09/18 14:46	90-12-0	
2-Methylnaphthalene	**<5.9**	ug/kg	19.6	5.9	1	07/09/18 09:06	07/09/18 14:46	91-57-6	
Naphthalene	**<9.9**	ug/kg	33.0	9.9	1	07/09/18 09:06	07/09/18 14:46	91-20-3	
Phenanthrene	**<13.7**	ug/kg	45.6	13.7	1	07/09/18 09:06	07/09/18 14:46	85-01-8	
Pyrene	**<5.3**	ug/kg	17.6	5.3	1	07/09/18 09:06	07/09/18 14:46	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	10-115		1	07/09/18 09:06	07/09/18 14:46	321-60-8	
Terphenyl-d14 (S)	63	%	10-121		1	07/09/18 09:06	07/09/18 14:46	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.9**	%	0.10	0.10	1		07/13/18 17:33		

Sample: B-2, 7' **Lab ID: 40172024005** Collected: 07/03/18 10:20 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	07/09/18 08:30	07/09/18 12:02	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	07/09/18 08:30	07/09/18 12:02	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	07/09/18 08:30	07/09/18 12:02	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	07/09/18 08:30	07/09/18 12:02	96-12-8	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-2, 7' **Lab ID: 40172024005** Collected: 07/03/18 10:20 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	07/09/18 08:30	07/09/18 12:02	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	07/09/18 08:30	07/09/18 12:02	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/09/18 08:30	07/09/18 12:02	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 12:02	95-47-6	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-2, 7' **Lab ID: 40172024005** Collected: 07/03/18 10:20 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
Dibromofluoromethane (S)	97	%	57-148		1	07/09/18 08:30	07/09/18 12:02	1868-53-7	
Toluene-d8 (S)	108	%	58-142		1	07/09/18 08:30	07/09/18 12:02	2037-26-5	
4-Bromofluorobenzene (S)	93	%	48-130		1	07/09/18 08:30	07/09/18 12:02	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.3**	%	0.10	0.10	1		07/13/18 17:33		

Sample: B-2 **Lab ID: 40172024006** Collected: 07/03/18 10:30 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.012J**	ug/L	0.030	0.0061	1	07/09/18 08:51	07/10/18 19:32	83-32-9	
Acenaphthylene	**<0.0050**	ug/L	0.025	0.0050	1	07/09/18 08:51	07/10/18 19:32	208-96-8	
Anthracene	**0.058**	ug/L	0.052	0.010	1	07/09/18 08:51	07/10/18 19:32	120-12-7	
Benzo(a)anthracene	**0.021J**	ug/L	0.038	0.0076	1	07/09/18 08:51	07/10/18 19:32	56-55-3	
Benzo(a)pyrene	**0.012J**	ug/L	0.053	0.011	1	07/09/18 08:51	07/10/18 19:32	50-32-8	
Benzo(b)fluoranthene	**0.013J**	ug/L	0.029	0.0057	1	07/09/18 08:51	07/10/18 19:32	205-99-2	
Benzo(g,h,i)perylene	**0.011J**	ug/L	0.034	0.0068	1	07/09/18 08:51	07/10/18 19:32	191-24-2	M1
Benzo(k)fluoranthene	**0.014J**	ug/L	0.038	0.0076	1	07/09/18 08:51	07/10/18 19:32	207-08-9	
Chrysene	**0.026J**	ug/L	0.065	0.013	1	07/09/18 08:51	07/10/18 19:32	218-01-9	
Dibenz(a,h)anthracene	**<0.010**	ug/L	0.050	0.010	1	07/09/18 08:51	07/10/18 19:32	53-70-3	M1
Fluoranthene	**0.083**	ug/L	0.053	0.011	1	07/09/18 08:51	07/10/18 19:32	206-44-0	M1
Fluorene	**0.010J**	ug/L	0.040	0.0080	1	07/09/18 08:51	07/10/18 19:32	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.018**	ug/L	0.088	0.018	1	07/09/18 08:51	07/10/18 19:32	193-39-5	
1-Methylnaphthalene	**0.083**	ug/L	0.030	0.0059	1	07/09/18 08:51	07/10/18 19:32	90-12-0	L1
2-Methylnaphthalene	**0.089**	ug/L	0.024	0.0049	1	07/09/18 08:51	07/10/18 19:32	91-57-6	
Naphthalene	**0.10**	ug/L	0.092	0.018	1	07/09/18 08:51	07/10/18 19:32	91-20-3	
Phenanthrene	**0.14**	ug/L	0.069	0.014	1	07/09/18 08:51	07/10/18 19:32	85-01-8	
Pyrene	**0.078**	ug/L	0.038	0.0076	1	07/09/18 08:51	07/10/18 19:32	129-00-0	M1
Surrogates									
2-Fluorobiphenyl (S)	46	%	29-80		1	07/09/18 08:51	07/10/18 19:32	321-60-8	
Terphenyl-d14 (S)	19	%	10-123		1	07/09/18 08:51	07/10/18 19:32	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/11/18 11:05	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/11/18 11:05	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/11/18 11:05	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	104-51-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-2 **Lab ID: 40172024006** Collected: 07/03/18 10:30 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/11/18 11:05	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/11/18 11:05	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/11/18 11:05	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/11/18 11:05	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/11/18 11:05	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/11/18 11:05	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/11/18 11:05	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/11/18 11:05	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/11/18 11:05	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/11/18 11:05	75-34-3	L1
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/11/18 11:05	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/11/18 11:05	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/11/18 11:05	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/11/18 11:05	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/11/18 11:05	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/11/18 11:05	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/11/18 11:05	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/11/18 11:05	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/11/18 11:05	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/11/18 11:05	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/11/18 11:05	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/11/18 11:05	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/11/18 11:05	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/11/18 11:05	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/11/18 11:05	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	127-18-4	
Toluene	**0.57J**	ug/L	1.0	0.50	1		07/11/18 11:05	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/11/18 11:05	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/11/18 11:05	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/11/18 11:05	79-00-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-2 **Lab ID: 40172024006** Collected: 07/03/18 10:30 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/11/18 11:05	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/11/18 11:05	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/11/18 11:05	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/11/18 11:05	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/11/18 11:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		07/11/18 11:05	460-00-4	HS,pH
Dibromofluoromethane (S)	124	%	70-130		1		07/11/18 11:05	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/11/18 11:05	2037-26-5	

Sample: B-3, 5' **Lab ID: 40172024007** Collected: 07/03/18 10:40 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<4.1**	ug/kg	13.7	4.1	1	07/09/18 09:06	07/09/18 18:30	83-32-9	
Acenaphthylene	**<3.5**	ug/kg	11.7	3.5	1	07/09/18 09:06	07/09/18 18:30	208-96-8	
Anthracene	**<6.1**	ug/kg	20.2	6.1	1	07/09/18 09:06	07/09/18 18:30	120-12-7	
Benzo(a)anthracene	**<3.4**	ug/kg	11.3	3.4	1	07/09/18 09:06	07/09/18 18:30	56-55-3	
Benzo(a)pyrene	**<2.7**	ug/kg	8.9	2.7	1	07/09/18 09:06	07/09/18 18:30	50-32-8	
Benzo(b)fluoranthene	**<3.0**	ug/kg	10	3.0	1	07/09/18 09:06	07/09/18 18:30	205-99-2	
Benzo(g,h,i)perylene	**<2.2**	ug/kg	7.2	2.2	1	07/09/18 09:06	07/09/18 18:30	191-24-2	
Benzo(k)fluoranthene	**<2.7**	ug/kg	8.9	2.7	1	07/09/18 09:06	07/09/18 18:30	207-08-9	
Chrysene	**<3.6**	ug/kg	11.9	3.6	1	07/09/18 09:06	07/09/18 18:30	218-01-9	
Dibenz(a,h)anthracene	**<2.4**	ug/kg	7.9	2.4	1	07/09/18 09:06	07/09/18 18:30	53-70-3	
Fluoranthene	**<5.5**	ug/kg	18.5	5.5	1	07/09/18 09:06	07/09/18 18:30	206-44-0	
Fluorene	**<4.4**	ug/kg	14.6	4.4	1	07/09/18 09:06	07/09/18 18:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**<2.3**	ug/kg	7.8	2.3	1	07/09/18 09:06	07/09/18 18:30	193-39-5	
1-Methylnaphthalene	**<4.3**	ug/kg	14.2	4.3	1	07/09/18 09:06	07/09/18 18:30	90-12-0	
2-Methylnaphthalene	**<5.3**	ug/kg	17.7	5.3	1	07/09/18 09:06	07/09/18 18:30	91-57-6	
Naphthalene	**<8.9**	ug/kg	29.8	8.9	1	07/09/18 09:06	07/09/18 18:30	91-20-3	
Phenanthrene	**<12.4**	ug/kg	41.2	12.4	1	07/09/18 09:06	07/09/18 18:30	85-01-8	
Pyrene	**<4.8**	ug/kg	15.9	4.8	1	07/09/18 09:06	07/09/18 18:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	10-115		1	07/09/18 09:06	07/09/18 18:30	321-60-8	
Terphenyl-d14 (S)	70	%	10-121		1	07/09/18 09:06	07/09/18 18:30	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	108-86-1	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-3, 5' **Lab ID: 40172024007** Collected: 07/03/18 10:40 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	07/09/18 08:30	07/09/18 19:35	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	07/09/18 08:30	07/09/18 19:35	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	07/09/18 08:30	07/09/18 19:35	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	07/09/18 08:30	07/09/18 19:35	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	07/09/18 08:30	07/09/18 19:35	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	79-34-5	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-3, 5' **Lab ID: 40172024007** Collected: 07/03/18 10:40 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	07/09/18 08:30	07/09/18 19:35	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/09/18 08:30	07/09/18 19:35	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/09/18 19:35	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	101	%	57-148		1	07/09/18 08:30	07/09/18 19:35	1868-53-7	
Toluene-d8 (S)	106	%	58-142		1	07/09/18 08:30	07/09/18 19:35	2037-26-5	
4-Bromofluorobenzene (S)	94	%	48-130		1	07/09/18 08:30	07/09/18 19:35	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.7**	%	0.10	0.10	1		07/13/18 17:33		

Sample: B-3 **Lab ID: 40172024008** Collected: 07/03/18 10:45 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.0061**	ug/L	0.030	0.0061	1	07/09/18 08:51	07/10/18 21:58	83-32-9	
Acenaphthylene	**<0.0050**	ug/L	0.025	0.0050	1	07/09/18 08:51	07/10/18 21:58	208-96-8	
Anthracene	**<0.010**	ug/L	0.052	0.010	1	07/09/18 08:51	07/10/18 21:58	120-12-7	
Benzo(a)anthracene	**0.0091J**	ug/L	0.038	0.0076	1	07/09/18 08:51	07/10/18 21:58	56-55-3	
Benzo(a)pyrene	**<0.011**	ug/L	0.053	0.011	1	07/09/18 08:51	07/10/18 21:58	50-32-8	
Benzo(b)fluoranthene	**0.0071J**	ug/L	0.029	0.0057	1	07/09/18 08:51	07/10/18 21:58	205-99-2	
Benzo(g,h,i)perylene	**<0.0068**	ug/L	0.034	0.0068	1	07/09/18 08:51	07/10/18 21:58	191-24-2	
Benzo(k)fluoranthene	**<0.0076**	ug/L	0.038	0.0076	1	07/09/18 08:51	07/10/18 21:58	207-08-9	
Chrysene	**<0.013**	ug/L	0.065	0.013	1	07/09/18 08:51	07/10/18 21:58	218-01-9	
Dibenz(a,h)anthracene	**<0.010**	ug/L	0.050	0.010	1	07/09/18 08:51	07/10/18 21:58	53-70-3	
Fluoranthene	**0.016J**	ug/L	0.053	0.011	1	07/09/18 08:51	07/10/18 21:58	206-44-0	
Fluorene	**<0.0080**	ug/L	0.040	0.0080	1	07/09/18 08:51	07/10/18 21:58	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.018**	ug/L	0.088	0.018	1	07/09/18 08:51	07/10/18 21:58	193-39-5	
1-Methylnaphthalene	**0.014J**	ug/L	0.030	0.0059	1	07/09/18 08:51	07/10/18 21:58	90-12-0	L1
2-Methylnaphthalene	**<0.0049**	ug/L	0.024	0.0049	1	07/09/18 08:51	07/10/18 21:58	91-57-6	
Naphthalene	**0.079J**	ug/L	0.092	0.018	1	07/09/18 08:51	07/10/18 21:58	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-3 **Lab ID: 40172024008** Collected: 07/03/18 10:45 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Phenanthrene	**0.047J**	ug/L	0.069	0.014	1	07/09/18 08:51	07/10/18 21:58	85-01-8	
Pyrene	**0.018J**	ug/L	0.038	0.0076	1	07/09/18 08:51	07/10/18 21:58	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	57	%	29-80		1	07/09/18 08:51	07/10/18 21:58	321-60-8	
Terphenyl-d14 (S)	39	%	10-123		1	07/09/18 08:51	07/10/18 21:58	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/10/18 16:47	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/10/18 16:47	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/10/18 16:47	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/10/18 16:47	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/10/18 16:47	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/10/18 16:47	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/10/18 16:47	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/10/18 16:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/10/18 16:47	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/10/18 16:47	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/10/18 16:47	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/10/18 16:47	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/10/18 16:47	75-34-3	L1
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/10/18 16:47	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/10/18 16:47	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/10/18 16:47	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/10/18 16:47	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/10/18 16:47	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/10/18 16:47	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/10/18 16:47	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/10/18 16:47	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/10/18 16:47	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/10/18 16:47	98-82-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-3 **Lab ID: 40172024008** Collected: 07/03/18 10:45 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/10/18 16:47	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/10/18 16:47	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/10/18 16:47	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/10/18 16:47	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/10/18 16:47	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/10/18 16:47	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/10/18 16:47	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/10/18 16:47	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/10/18 16:47	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/10/18 16:47	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/10/18 16:47	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/10/18 16:47	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 16:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		07/10/18 16:47	460-00-4	HS,pH
Dibromofluoromethane (S)	125	%	70-130		1		07/10/18 16:47	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		07/10/18 16:47	2037-26-5	

Sample: B-4, 5' **Lab ID: 40172024009** Collected: 07/03/18 11:00 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	07/09/18 08:30	07/10/18 09:51	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	108-90-7	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-4, 5' **Lab ID: 40172024009** Collected: 07/03/18 11:00 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloroethane	**<67.0**	ug/kg	250	67.0	1	07/09/18 08:30	07/10/18 09:51	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	07/09/18 08:30	07/10/18 09:51	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	07/09/18 08:30	07/10/18 09:51	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	1634-04-4	W
Naphthalene	**250J**	ug/kg	307	49.3	1	07/09/18 08:30	07/10/18 09:51	91-20-3	
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	07/09/18 08:30	07/10/18 09:51	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	96-18-4	W

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-4, 5' **Lab ID: 40172024009** Collected: 07/03/18 11:00 Received: 07/06/18 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/09/18 08:30	07/10/18 09:51	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/09/18 08:30	07/10/18 09:51	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	89	%	57-148		1	07/09/18 08:30	07/10/18 09:51	1868-53-7	
Toluene-d8 (S)	94	%	58-142		1	07/09/18 08:30	07/10/18 09:51	2037-26-5	
4-Bromofluorobenzene (S)	81	%	48-130		1	07/09/18 08:30	07/10/18 09:51	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.7**	%	0.10	0.10	1		07/21/18 15:09		

Sample: B-4, SHALLOW **Lab ID: 40172024010** Collected: 07/03/18 11:15 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/10/18 15:18	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/10/18 15:18	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/10/18 15:18	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/10/18 15:18	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/10/18 15:18	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/10/18 15:18	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/10/18 15:18	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/10/18 15:18	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/10/18 15:18	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/10/18 15:18	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/10/18 15:18	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/10/18 15:18	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/10/18 15:18	75-34-3	L1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-4, SHALLOW **Lab ID: 40172024010** Collected: 07/03/18 11:15 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/10/18 15:18	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/10/18 15:18	75-35-4	
cis-1,2-Dichloroethene	**0.49J**	ug/L	1.0	0.26	1		07/10/18 15:18	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/10/18 15:18	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/10/18 15:18	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/10/18 15:18	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/10/18 15:18	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/10/18 15:18	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/10/18 15:18	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/10/18 15:18	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/10/18 15:18	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/10/18 15:18	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/10/18 15:18	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/10/18 15:18	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/10/18 15:18	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/10/18 15:18	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/10/18 15:18	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/10/18 15:18	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/10/18 15:18	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/10/18 15:18	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/10/18 15:18	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/10/18 15:18	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 15:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		07/10/18 15:18	460-00-4	pH
Dibromofluoromethane (S)	122	%	70-130		1		07/10/18 15:18	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		07/10/18 15:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-4, DEEP **Lab ID: 40172024011** Collected: 07/03/18 11:25 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/10/18 17:10	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/10/18 17:10	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/10/18 17:10	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/10/18 17:10	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/10/18 17:10	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/10/18 17:10	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/10/18 17:10	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/10/18 17:10	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/10/18 17:10	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/10/18 17:10	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/10/18 17:10	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/10/18 17:10	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/10/18 17:10	75-34-3	L1
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/10/18 17:10	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/10/18 17:10	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/10/18 17:10	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/10/18 17:10	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/10/18 17:10	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/10/18 17:10	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/10/18 17:10	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/10/18 17:10	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/10/18 17:10	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/10/18 17:10	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/10/18 17:10	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/10/18 17:10	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/10/18 17:10	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/10/18 17:10	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: MCFARLAND STATE
Pace Project No.: 40172024

Sample: B-4, DEEP **Lab ID: 40172024011** Collected: 07/03/18 11:25 Received: 07/06/18 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/10/18 17:10	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/10/18 17:10	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/10/18 17:10	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/10/18 17:10	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/10/18 17:10	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/10/18 17:10	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/10/18 17:10	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/10/18 17:10	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/10/18 17:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		07/10/18 17:10	460-00-4	HS,pH
Dibromofluoromethane (S)	124	%	70-130		1		07/10/18 17:10	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		07/10/18 17:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

QC Batch: 293938 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40172024001, 40172024005, 40172024007, 40172024009

METHOD BLANK: 1718943 Matrix: Solid
Associated Lab Samples: 40172024001, 40172024005, 40172024007, 40172024009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/09/18 09:30	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/09/18 09:30	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/09/18 09:30	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/09/18 09:30	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/09/18 09:30	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/09/18 09:30	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/09/18 09:30	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/09/18 09:30	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/09/18 09:30	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/09/18 09:30	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/09/18 09:30	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/09/18 09:30	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/09/18 09:30	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/09/18 09:30	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/09/18 09:30	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/09/18 09:30	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/09/18 09:30	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/09/18 09:30	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/09/18 09:30	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/09/18 09:30	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/09/18 09:30	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/09/18 09:30	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/09/18 09:30	
Benzene	ug/kg	<9.2	20.0	07/09/18 09:30	
Bromobenzene	ug/kg	<20.6	50.0	07/09/18 09:30	
Bromochloromethane	ug/kg	<21.4	50.0	07/09/18 09:30	
Bromodichloromethane	ug/kg	<9.8	50.0	07/09/18 09:30	
Bromoform	ug/kg	<19.8	50.0	07/09/18 09:30	
Bromomethane	ug/kg	<69.9	250	07/09/18 09:30	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/09/18 09:30	
Chlorobenzene	ug/kg	<14.8	50.0	07/09/18 09:30	
Chloroethane	ug/kg	<67.0	250	07/09/18 09:30	
Chloroform	ug/kg	<46.4	250	07/09/18 09:30	
Chloromethane	ug/kg	<20.4	50.0	07/09/18 09:30	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/09/18 09:30	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/09/18 09:30	
Dibromochloromethane	ug/kg	<17.9	50.0	07/09/18 09:30	
Dibromomethane	ug/kg	<19.3	50.0	07/09/18 09:30	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/09/18 09:30	
Diisopropyl ether	ug/kg	<17.7	50.0	07/09/18 09:30	
Ethylbenzene	ug/kg	<12.4	50.0	07/09/18 09:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

METHOD BLANK: 1718943 Matrix: Solid
Associated Lab Samples: 40172024001, 40172024005, 40172024007, 40172024009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/09/18 09:30	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/09/18 09:30	
m&p-Xylene	ug/kg	<34.4	100	07/09/18 09:30	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/09/18 09:30	
Methylene Chloride	ug/kg	<16.2	50.0	07/09/18 09:30	
n-Butylbenzene	ug/kg	<10.5	50.0	07/09/18 09:30	
n-Propylbenzene	ug/kg	<11.6	50.0	07/09/18 09:30	
Naphthalene	ug/kg	<40.0	250	07/09/18 09:30	
o-Xylene	ug/kg	<14.0	50.0	07/09/18 09:30	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/09/18 09:30	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/09/18 09:30	
Styrene	ug/kg	<9.0	50.0	07/09/18 09:30	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/09/18 09:30	
Tetrachloroethene	ug/kg	<12.9	50.0	07/09/18 09:30	
Toluene	ug/kg	<11.2	50.0	07/09/18 09:30	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/09/18 09:30	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/09/18 09:30	
Trichloroethene	ug/kg	<23.6	50.0	07/09/18 09:30	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/09/18 09:30	
Vinyl chloride	ug/kg	<21.1	50.0	07/09/18 09:30	
4-Bromofluorobenzene (S)	%	86	48-130	07/09/18 09:30	
Dibromofluoromethane (S)	%	90	57-148	07/09/18 09:30	
Toluene-d8 (S)	%	98	58-142	07/09/18 09:30	

LABORATORY CONTROL SAMPLE: 1718944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2370	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2350	94	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2340	94	70-130	
1,1-Dichloroethane	ug/kg	2500	2240	90	67-132	
1,1-Dichloroethene	ug/kg	2500	2570	103	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2270	91	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2220	89	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2500	100	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2430	97	70-130	
1,2-Dichloroethane	ug/kg	2500	2290	92	65-137	
1,2-Dichloropropane	ug/kg	2500	2260	90	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2520	101	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2340	93	70-130	
Benzene	ug/kg	2500	2230	89	70-130	
Bromodichloromethane	ug/kg	2500	2390	95	70-130	
Bromoform	ug/kg	2500	2590	104	57-117	
Bromomethane	ug/kg	2500	2320	93	48-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

LABORATORY CONTROL SAMPLE: 1718944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2480	99	65-133	
Chlorobenzene	ug/kg	2500	2520	101	70-130	
Chloroethane	ug/kg	2500	2090	84	37-165	
Chloroform	ug/kg	2500	2270	91	72-126	
Chloromethane	ug/kg	2500	1430	57	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2370	95	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2440	98	69-130	
Dibromochloromethane	ug/kg	2500	2680	107	68-130	
Dichlorodifluoromethane	ug/kg	2500	1260	50	22-100	
Ethylbenzene	ug/kg	2500	2490	100	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2640	106	70-130	
m&p-Xylene	ug/kg	5000	5000	100	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2460	99	66-129	
Methylene Chloride	ug/kg	2500	2340	94	68-129	
o-Xylene	ug/kg	2500	2460	98	70-130	
Styrene	ug/kg	2500	2550	102	70-130	
Tetrachloroethene	ug/kg	2500	2520	101	70-130	
Toluene	ug/kg	2500	2530	101	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2620	105	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2500	100	67-130	
Trichloroethene	ug/kg	2500	2480	99	70-130	
Trichlorofluoromethane	ug/kg	2500	2290	91	64-134	
Vinyl chloride	ug/kg	2500	1800	72	52-122	
4-Bromofluorobenzene (S)	%			92	48-130	
Dibromofluoromethane (S)	%			96	57-148	
Toluene-d8 (S)	%			100	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1718945 1718946

Parameter	Units	40172024005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1380	1380	1120	1170	81	85	62-130	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1380	1380	1280	1280	93	93	64-137	0	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1380	1380	1270	1310	92	95	70-130	3	20	
1,1-Dichloroethane	ug/kg	<25.0	1380	1380	1130	1160	82	84	65-132	3	20	
1,1-Dichloroethene	ug/kg	<25.0	1380	1380	1150	1300	84	94	50-128	12	21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1380	1380	1270	1260	89	88	51-148	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1380	1380	1160	1190	84	87	43-134	2	23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1380	1380	1330	1340	96	97	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1380	1380	1300	1340	95	97	70-130	2	20	
1,2-Dichloroethane	ug/kg	<25.0	1380	1380	1190	1210	86	88	65-139	2	20	
1,2-Dichloropropane	ug/kg	<25.0	1380	1380	1160	1210	84	88	74-128	4	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1380	1380	1370	1370	99	100	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1380	1380	1270	1280	92	93	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1718945 1718946

Parameter	Units	40172024005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1380	1380	1130	1150	82	83	66-132	2	20	
Bromodichloromethane	ug/kg	<25.0	1380	1380	1230	1280	89	93	69-130	4	20	
Bromoform	ug/kg	<25.0	1380	1380	1350	1340	98	97	57-130	1	20	
Bromomethane	ug/kg	<69.9	1380	1380	1310	1260	95	91	34-145	4	20	
Carbon tetrachloride	ug/kg	<25.0	1380	1380	1080	1260	78	91	54-133	15	20	
Chlorobenzene	ug/kg	<25.0	1380	1380	1310	1350	95	98	70-130	2	20	
Chloroethane	ug/kg	<67.0	1380	1380	1170	1190	85	87	33-165	2	20	
Chloroform	ug/kg	<46.4	1380	1380	1170	1190	85	86	72-128	1	20	
Chloromethane	ug/kg	<25.0	1380	1380	832	878	60	64	20-120	5	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1380	1380	1250	1290	91	94	69-130	3	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1380	1380	1260	1290	91	93	65-130	2	20	
Dibromochloromethane	ug/kg	<25.0	1380	1380	1350	1410	98	103	65-130	4	20	
Dichlorodifluoromethane	ug/kg	<25.0	1380	1380	895	1030	65	74	10-109	14	29	
Ethylbenzene	ug/kg	<25.0	1380	1380	1210	1310	88	95	63-127	7	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1380	1380	1290	1380	93	100	66-130	7	20	
m&p-Xylene	ug/kg	<50.0	2760	2760	2490	2620	90	95	70-130	5	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1380	1380	1320	1330	96	97	62-135	1	20	
Methylene Chloride	ug/kg	<25.0	1380	1380	1230	1240	89	90	68-129	1	20	
o-Xylene	ug/kg	<25.0	1380	1380	1260	1290	92	94	69-130	2	20	
Styrene	ug/kg	<25.0	1380	1380	1290	1350	94	98	70-130	4	20	
Tetrachloroethene	ug/kg	<25.0	1380	1380	1260	1320	91	96	70-130	5	20	
Toluene	ug/kg	<25.0	1380	1380	1240	1280	90	93	80-123	3	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1380	1380	1240	1300	90	94	70-130	4	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1380	1380	1290	1330	94	96	67-130	2	20	
Trichloroethene	ug/kg	<25.0	1380	1380	1200	1240	87	90	70-130	3	20	
Trichlorofluoromethane	ug/kg	<25.0	1380	1380	1100	1310	80	95	41-134	18	26	
Vinyl chloride	ug/kg	<25.0	1380	1380	1020	1080	74	78	39-122	6	20	
4-Bromofluorobenzene (S)	%						96	99	48-130			
Dibromofluoromethane (S)	%						98	99	57-148			
Toluene-d8 (S)	%						104	106	58-142			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

QC Batch: 293933 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40172024002, 40172024003, 40172024006, 40172024008, 40172024010, 40172024011

METHOD BLANK: 1718937 Matrix: Water
Associated Lab Samples: 40172024002, 40172024003, 40172024006, 40172024008, 40172024010, 40172024011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/10/18 10:17	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/10/18 10:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/10/18 10:17	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	07/10/18 10:17	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/10/18 10:17	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/10/18 10:17	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/10/18 10:17	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/10/18 10:17	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/10/18 10:17	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/10/18 10:17	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/10/18 10:17	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/10/18 10:17	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	07/10/18 10:17	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/10/18 10:17	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/10/18 10:17	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/10/18 10:17	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/10/18 10:17	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/10/18 10:17	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/10/18 10:17	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/10/18 10:17	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/10/18 10:17	
2-Chlorotoluene	ug/L	<0.50	1.0	07/10/18 10:17	
4-Chlorotoluene	ug/L	<0.21	1.0	07/10/18 10:17	
Benzene	ug/L	<0.50	1.0	07/10/18 10:17	
Bromobenzene	ug/L	<0.23	1.0	07/10/18 10:17	
Bromochloromethane	ug/L	<0.34	1.0	07/10/18 10:17	
Bromodichloromethane	ug/L	<0.50	1.0	07/10/18 10:17	
Bromoform	ug/L	<0.50	1.0	07/10/18 10:17	
Bromomethane	ug/L	<2.4	5.0	07/10/18 10:17	
Carbon tetrachloride	ug/L	<0.50	1.0	07/10/18 10:17	
Chlorobenzene	ug/L	<0.50	1.0	07/10/18 10:17	
Chloroethane	ug/L	<0.37	1.0	07/10/18 10:17	
Chloroform	ug/L	<2.5	5.0	07/10/18 10:17	
Chloromethane	ug/L	0.80J	1.0	07/10/18 10:17	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/10/18 10:17	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/10/18 10:17	
Dibromochloromethane	ug/L	<0.50	1.0	07/10/18 10:17	
Dibromomethane	ug/L	<0.43	1.0	07/10/18 10:17	
Dichlorodifluoromethane	ug/L	<0.22	1.0	07/10/18 10:17	
Diisopropyl ether	ug/L	<0.50	1.0	07/10/18 10:17	
Ethylbenzene	ug/L	<0.50	1.0	07/10/18 10:17	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

METHOD BLANK: 1718937 Matrix: Water
Associated Lab Samples: 40172024002, 40172024003, 40172024006, 40172024008, 40172024010, 40172024011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/10/18 10:17	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/10/18 10:17	
m&p-Xylene	ug/L	<1.0	2.0	07/10/18 10:17	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/10/18 10:17	
Methylene Chloride	ug/L	<0.23	1.0	07/10/18 10:17	
n-Butylbenzene	ug/L	<0.50	1.0	07/10/18 10:17	
n-Propylbenzene	ug/L	<0.50	1.0	07/10/18 10:17	
Naphthalene	ug/L	<2.5	5.0	07/10/18 10:17	
o-Xylene	ug/L	<0.50	1.0	07/10/18 10:17	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/10/18 10:17	
sec-Butylbenzene	ug/L	<2.2	5.0	07/10/18 10:17	
Styrene	ug/L	<0.50	1.0	07/10/18 10:17	
tert-Butylbenzene	ug/L	<0.18	1.0	07/10/18 10:17	
Tetrachloroethene	ug/L	<0.50	1.0	07/10/18 10:17	
Toluene	ug/L	<0.50	1.0	07/10/18 10:17	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/10/18 10:17	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/10/18 10:17	
Trichloroethene	ug/L	<0.33	1.0	07/10/18 10:17	
Trichlorofluoromethane	ug/L	<0.18	1.0	07/10/18 10:17	
Vinyl chloride	ug/L	<0.18	1.0	07/10/18 10:17	
4-Bromofluorobenzene (S)	%	91	70-130	07/10/18 10:17	
Dibromofluoromethane (S)	%	118	70-130	07/10/18 10:17	
Toluene-d8 (S)	%	95	70-130	07/10/18 10:17	

LABORATORY CONTROL SAMPLE: 1718938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	22.4	112	70-133	
1,1,2,2-Tetrachloroethane	ug/L	20	22.9	114	67-130	
1,1,2-Trichloroethane	ug/L	20	22.1	110	70-130	
1,1-Dichloroethane	ug/L	20	28.5	142	70-134	L1
1,1-Dichloroethene	ug/L	20	24.8	124	75-132	
1,2,4-Trichlorobenzene	ug/L	20	16.5	82	68-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.6	88	60-126	
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	70-130	
1,2-Dichlorobenzene	ug/L	20	20.9	105	70-130	
1,2-Dichloroethane	ug/L	20	25.4	127	73-134	
1,2-Dichloropropane	ug/L	20	25.0	125	79-128	
1,3-Dichlorobenzene	ug/L	20	20.7	104	70-130	
1,4-Dichlorobenzene	ug/L	20	22.4	112	70-130	
Benzene	ug/L	20	24.5	123	69-137	
Bromodichloromethane	ug/L	20	22.5	113	70-130	
Bromoform	ug/L	20	16.6	83	64-133	
Bromomethane	ug/L	20	13.8	69	29-123	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

LABORATORY CONTROL SAMPLE: 1718938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	20	22.6	113	73-142	
Chlorobenzene	ug/L	20	21.8	109	70-130	
Chloroethane	ug/L	20	24.5	122	59-133	
Chloroform	ug/L	20	25.6	128	80-129	
Chloromethane	ug/L	20	17.9	89	27-125	
cis-1,2-Dichloroethene	ug/L	20	23.5	118	70-134	
cis-1,3-Dichloropropene	ug/L	20	18.0	90	70-130	
Dibromochloromethane	ug/L	20	19.0	95	70-130	
Dichlorodifluoromethane	ug/L	20	7.3	37	12-127	
Ethylbenzene	ug/L	20	20.7	103	86-127	
Isopropylbenzene (Cumene)	ug/L	20	19.8	99	70-130	
m&p-Xylene	ug/L	40	42.4	106	70-131	
Methyl-tert-butyl ether	ug/L	20	20.0	100	65-136	
Methylene Chloride	ug/L	20	26.1	131	72-133	
o-Xylene	ug/L	20	20.2	101	70-130	
Styrene	ug/L	20	20.3	102	70-130	
Tetrachloroethene	ug/L	20	20.0	100	70-130	
Toluene	ug/L	20	20.7	103	84-124	
trans-1,2-Dichloroethene	ug/L	20	25.7	128	70-133	
trans-1,3-Dichloropropene	ug/L	20	17.8	89	67-130	
Trichloroethene	ug/L	20	23.2	116	70-130	
Trichlorofluoromethane	ug/L	20	24.3	121	69-147	
Vinyl chloride	ug/L	20	20.3	102	48-134	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			116	70-130	
Toluene-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1719053 1719054

Parameter	Units	40172043001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	20	20	22.5	22.4	113	112	70-136	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	20	20	24.3	24.0	122	120	67-133	1	20	
1,1,2-Trichloroethane	ug/L	<0.20	20	20	24.1	23.0	121	115	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.24	20	20	29.0	27.5	145	138	70-139	5	20	M0
1,1-Dichloroethene	ug/L	<0.41	20	20	25.2	25.5	126	127	72-137	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	20	20	18.1	16.9	90	85	68-130	6	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	20	20	20.8	19.7	104	99	60-130	5	21	
1,2-Dibromoethane (EDB)	ug/L	0.53J	20	20	23.0	21.8	112	106	70-130	5	20	
1,2-Dichlorobenzene	ug/L	<0.50	20	20	22.0	21.2	110	106	70-130	4	20	
1,2-Dichloroethane	ug/L	6.0	20	20	34.9	33.3	144	137	71-137	5	20	M1
1,2-Dichloropropane	ug/L	<0.23	20	20	24.9	25.5	124	127	78-130	2	20	
1,3-Dichlorobenzene	ug/L	<0.50	20	20	21.6	21.5	108	108	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.50	20	20	22.8	22.9	114	114	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1719053 1719054

Parameter	Units	40172043001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	162	20	20	178	178	78	77	66-143	0	20	
Bromodichloromethane	ug/L	<0.50	20	20	22.8	23.3	114	116	70-130	2	20	
Bromoform	ug/L	<0.50	20	20	18.0	17.1	90	86	64-134	5	20	
Bromomethane	ug/L	<2.4	20	20	15.6	14.8	78	74	29-136	5	25	
Carbon tetrachloride	ug/L	<0.50	20	20	23.0	23.1	115	116	73-142	0	20	
Chlorobenzene	ug/L	<0.50	20	20	22.8	22.8	114	114	70-130	0	20	
Chloroethane	ug/L	<0.37	20	20	27.2	25.1	136	125	58-138	8	20	
Chloroform	ug/L	<2.5	20	20	25.9	26.2	130	131	80-131	1	20	
Chloromethane	ug/L	<0.50	20	20	17.9	17.8	89	89	24-125	0	20	
cis-1,2-Dichloroethene	ug/L	<0.26	20	20	25.7	24.1	128	120	68-137	7	22	
cis-1,3-Dichloropropene	ug/L	<0.50	20	20	18.6	17.4	93	87	70-130	6	20	
Dibromochloromethane	ug/L	<0.50	20	20	20.2	20.2	101	101	70-131	0	20	
Dichlorodifluoromethane	ug/L	<0.22	20	20	7.5	6.9	37	35	10-127	7	20	
Ethylbenzene	ug/L	5.0	20	20	27.8	27.3	114	111	81-136	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	20	20	20.9	20.6	104	103	70-132	2	20	
m&p-Xylene	ug/L	6.3	40	40	53.5	52.1	118	115	70-135	3	20	
Methyl-tert-butyl ether	ug/L	<0.17	20	20	21.2	20.8	106	104	58-142	2	23	
Methylene Chloride	ug/L	<0.23	20	20	27.2	27.2	136	136	69-137	0	20	
o-Xylene	ug/L	3.3	20	20	25.6	25.3	111	110	70-132	1	20	
Styrene	ug/L	<0.50	20	20	22.2	21.6	111	108	70-130	3	20	
Tetrachloroethene	ug/L	<0.50	20	20	20.3	19.9	101	99	70-132	2	20	
Toluene	ug/L	28.6	20	20	52.3	51.9	118	117	81-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	20	20	26.0	26.3	130	131	70-136	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	20	20	19.2	17.1	96	85	67-130	12	20	
Trichloroethene	ug/L	<0.33	20	20	22.9	22.7	114	114	70-131	1	20	
Trichlorofluoromethane	ug/L	<0.18	20	20	24.4	24.3	122	122	66-150	0	20	
Vinyl chloride	ug/L	<0.18	20	20	20.6	20.5	103	103	46-134	0	20	
4-Bromofluorobenzene (S)	%						101	103	70-130			
Dibromofluoromethane (S)	%						116	117	70-130			
Toluene-d8 (S)	%						96	93	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

QC Batch: 293886
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 40172024004, 40172024007

METHOD BLANK: 1718815
Matrix: Solid
Associated Lab Samples: 40172024004, 40172024007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	07/09/18 13:54	
2-Methylnaphthalene	ug/kg	<5.0	16.7	07/09/18 13:54	
Acenaphthene	ug/kg	<3.9	12.9	07/09/18 13:54	
Acenaphthylene	ug/kg	<3.3	11.0	07/09/18 13:54	
Anthracene	ug/kg	<5.7	19.0	07/09/18 13:54	
Benzo(a)anthracene	ug/kg	<3.2	10.6	07/09/18 13:54	
Benzo(a)pyrene	ug/kg	<2.5	8.4	07/09/18 13:54	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	07/09/18 13:54	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	07/09/18 13:54	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	07/09/18 13:54	
Chrysene	ug/kg	<3.4	11.2	07/09/18 13:54	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.5	07/09/18 13:54	
Fluoranthene	ug/kg	<5.2	17.4	07/09/18 13:54	
Fluorene	ug/kg	<4.1	13.8	07/09/18 13:54	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	07/09/18 13:54	
Naphthalene	ug/kg	<8.4	28.1	07/09/18 13:54	
Phenanthrene	ug/kg	<11.7	38.8	07/09/18 13:54	
Pyrene	ug/kg	<4.5	15.0	07/09/18 13:54	
2-Fluorobiphenyl (S)	%	67	10-115	07/09/18 13:54	
Terphenyl-d14 (S)	%	81	10-121	07/09/18 13:54	

LABORATORY CONTROL SAMPLE: 1718816

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	270	81	45-103	
2-Methylnaphthalene	ug/kg	333	246	74	43-98	
Acenaphthene	ug/kg	333	248	74	43-100	
Acenaphthylene	ug/kg	333	257	77	40-100	
Anthracene	ug/kg	333	264	79	50-113	
Benzo(a)anthracene	ug/kg	333	251	75	49-102	
Benzo(a)pyrene	ug/kg	333	270	81	51-105	
Benzo(b)fluoranthene	ug/kg	333	255	77	49-105	
Benzo(g,h,i)perylene	ug/kg	333	256	77	34-113	
Benzo(k)fluoranthene	ug/kg	333	255	77	54-110	
Chrysene	ug/kg	333	278	84	55-116	
Dibenz(a,h)anthracene	ug/kg	333	265	80	45-108	
Fluoranthene	ug/kg	333	273	82	50-118	
Fluorene	ug/kg	333	241	72	41-103	
Indeno(1,2,3-cd)pyrene	ug/kg	333	269	81	43-115	
Naphthalene	ug/kg	333	235	71	44-92	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

LABORATORY CONTROL SAMPLE: 1718816

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	261	78	51-104	
Pyrene	ug/kg	333	261	78	51-106	
2-Fluorobiphenyl (S)	%			75	10-115	
Terphenyl-d14 (S)	%			81	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1718817 1718818

Parameter	Units	40172024004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<4.7	391	393	241	270	62	69	21-105	12	30	
2-Methylnaphthalene	ug/kg	<5.9	391	393	228	257	58	65	18-103	12	29	
Acenaphthene	ug/kg	<4.6	391	393	238	266	61	68	31-100	11	28	
Acenaphthylene	ug/kg	<3.9	391	393	244	276	62	70	30-100	12	27	
Anthracene	ug/kg	<6.7	391	393	246	283	63	72	27-113	14	30	
Benzo(a)anthracene	ug/kg	<3.7	391	393	231	268	59	68	28-102	15	30	
Benzo(a)pyrene	ug/kg	<3.0	391	393	243	290	62	74	27-105	18	32	
Benzo(b)fluoranthene	ug/kg	<3.3	391	393	235	270	60	69	24-109	14	37	
Benzo(g,h,i)perylene	ug/kg	<2.4	391	393	236	277	60	71	10-113	16	38	
Benzo(k)fluoranthene	ug/kg	<2.9	391	393	229	276	59	70	35-110	19	31	
Chrysene	ug/kg	<4.0	391	393	255	297	65	76	29-116	15	29	
Dibenz(a,h)anthracene	ug/kg	<2.6	391	393	244	288	62	74	22-108	17	32	
Fluoranthene	ug/kg	<6.1	391	393	253	290	65	74	27-118	14	34	
Fluorene	ug/kg	<4.9	391	393	229	263	58	67	31-103	14	28	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.6	391	393	247	293	63	75	18-115	17	33	
Naphthalene	ug/kg	<9.9	391	393	218	253	56	65	34-92	15	31	
Phenanthrene	ug/kg	<13.7	391	393	246	280	63	71	28-104	13	32	
Pyrene	ug/kg	<5.3	391	393	241	279	61	71	13-117	15	40	
2-Fluorobiphenyl (S)	%						55	57	10-115			
Terphenyl-d14 (S)	%						61	66	10-121			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

QC Batch: 293892 Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40172024006, 40172024008

METHOD BLANK: 1718841 Matrix: Water
Associated Lab Samples: 40172024006, 40172024008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	07/10/18 17:38	
2-Methylnaphthalene	ug/L	<0.0049	0.024	07/10/18 17:38	
Acenaphthene	ug/L	<0.0061	0.030	07/10/18 17:38	
Acenaphthylene	ug/L	<0.0050	0.025	07/10/18 17:38	
Anthracene	ug/L	<0.010	0.052	07/10/18 17:38	
Benzo(a)anthracene	ug/L	<0.0076	0.038	07/10/18 17:38	
Benzo(a)pyrene	ug/L	<0.011	0.053	07/10/18 17:38	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	07/10/18 17:38	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	07/10/18 17:38	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	07/10/18 17:38	
Chrysene	ug/L	<0.013	0.065	07/10/18 17:38	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	07/10/18 17:38	
Fluoranthene	ug/L	<0.011	0.053	07/10/18 17:38	
Fluorene	ug/L	<0.0080	0.040	07/10/18 17:38	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	07/10/18 17:38	
Naphthalene	ug/L	<0.018	0.092	07/10/18 17:38	
Phenanthrene	ug/L	<0.014	0.069	07/10/18 17:38	
Pyrene	ug/L	<0.0076	0.038	07/10/18 17:38	
2-Fluorobiphenyl (S)	%	59	29-80	07/10/18 17:38	
Terphenyl-d14 (S)	%	92	10-123	07/10/18 17:38	

LABORATORY CONTROL SAMPLE: 1718842

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	2.1	103	50-91	L1
2-Methylnaphthalene	ug/L	2	1.6	78	48-89	
Acenaphthene	ug/L	2	1.6	82	48-120	
Acenaphthylene	ug/L	2	1.6	78	44-84	
Anthracene	ug/L	2	1.8	90	57-120	
Benzo(a)anthracene	ug/L	2	1.7	87	33-108	
Benzo(a)pyrene	ug/L	2	1.8	90	55-108	
Benzo(b)fluoranthene	ug/L	2	1.8	89	47-106	
Benzo(g,h,i)perylene	ug/L	2	1.3	65	20-75	
Benzo(k)fluoranthene	ug/L	2	2.2	108	50-116	
Chrysene	ug/L	2	2.2	111	64-140	
Dibenz(a,h)anthracene	ug/L	2	1.2	62	14-70	
Fluoranthene	ug/L	2	1.8	88	61-112	
Fluorene	ug/L	2	1.6	82	53-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	86	43-105	
Naphthalene	ug/L	2	1.5	77	38-90	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

LABORATORY CONTROL SAMPLE: 1718842

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	2	1.7	87	47-105	
Pyrene	ug/L	2	1.9	95	62-119	
2-Fluorobiphenyl (S)	%			62	29-80	
Terphenyl-d14 (S)	%			87	10-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1718843 1718844

Parameter	Units	40172024006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	0.083	2	2	1.4	1.4	65	66	41-93	2	24	
2-Methylnaphthalene	ug/L	0.089	2	2	1.4	1.4	65	67	45-120	2	28	
Acenaphthene	ug/L	0.012J	2	2	1.2	1.2	59	60	38-120	1	23	
Acenaphthylene	ug/L	<0.0050	2	2	1.2	1.3	61	63	33-84	3	25	
Anthracene	ug/L	0.058	2	2	0.93	0.92	44	43	37-120	2	27	
Benzo(a)anthracene	ug/L	0.021J	2	2	0.46	0.45	22	21	10-108	4	31	
Benzo(a)pyrene	ug/L	0.012J	2	2	0.27	0.24	13	12	10-108	10	29	
Benzo(b)fluoranthene	ug/L	0.013J	2	2	0.33	0.29	16	14	10-106	16	27	
Benzo(g,h,i)perylene	ug/L	0.011J	2	2	0.20	0.18	10	9	10-120	9	33	M1
Benzo(k)fluoranthene	ug/L	0.014J	2	2	0.28	0.24	13	11	10-116	15	28	
Chrysene	ug/L	0.026J	2	2	0.49	0.42	23	20	19-140	16	30	
Dibenz(a,h)anthracene	ug/L	<0.010	2	2	0.19	0.18	10	9	10-120	6	40	M1
Fluoranthene	ug/L	0.083	2	2	0.83	0.82	37	37	38-112	1	28	M1
Fluorene	ug/L	0.010J	2	2	1.2	1.2	62	62	42-120	0	25	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	2	2	0.22	0.20	11	10	10-105	7	30	
Naphthalene	ug/L	0.10	2	2	1.4	1.4	64	66	38-120	2	26	
Phenanthrene	ug/L	0.14	2	2	1.2	1.2	54	53	39-105	2	24	
Pyrene	ug/L	0.078	2	2	0.78	0.72	35	32	38-119	8	32	M1
2-Fluorobiphenyl (S)	%						53	54	29-80			
Terphenyl-d14 (S)	%						26	25	10-123			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

QC Batch: 294379
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 40172024001

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 1721441

Parameter	Units	40171991006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.2	11.7	4	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

QC Batch: 294462 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40172024004, 40172024005, 40172024007

SAMPLE DUPLICATE: 1722037

Parameter	Units	40172450001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.7	5.8	1	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: MCFARLAND STATE
Pace Project No.: 40172024

QC Batch: 295096
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 40172024009

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 1725823

Parameter	Units	40172868001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.6	6.5	2	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: MCFARLAND STATE
Pace Project No.: 40172024

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
W	Non-detect results are reported on a wet weight basis.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCFARLAND STATE
Pace Project No.: 40172024

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40172024004	**B-2, 4'**	EPA 3546	293886	EPA 8270 by SIM	293987
40172024007	**B-3, 5'**	EPA 3546	293886	EPA 8270 by SIM	293987
40172024006	**B-2**	EPA 3510	293892	EPA 8270 by HVI	293921
40172024008	**B-3**	EPA 3510	293892	EPA 8270 by HVI	293921
40172024001	**B-1, 4'**	EPA 5035/5030B	293938	EPA 8260	293939
40172024005	**B-2, 7'**	EPA 5035/5030B	293938	EPA 8260	293939
40172024007	**B-3, 5'**	EPA 5035/5030B	293938	EPA 8260	293939
40172024009	**B-4, 5'**	EPA 5035/5030B	293938	EPA 8260	293939
40172024002	**B-1, SHALLOW**	EPA 8260	293933		
40172024003	**B-1, DEEP**	EPA 8260	293933		
40172024006	**B-2**	EPA 8260	293933		
40172024008	**B-3**	EPA 8260	293933		
40172024010	**B-4, SHALLOW**	EPA 8260	293933		
40172024011	**B-4, DEEP**	EPA 8260	293933		
40172024001	**B-1, 4'**	ASTM D2974-87	294379		
40172024004	**B-2, 4'**	ASTM D2974-87	294462		
40172024005	**B-2, 7'**	ASTM D2974-87	294462		
40172024007	**B-3, 5'**	ASTM D2974-87	294462		
40172024009	**B-4, 5'**	ASTM D2974-87	295096		

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

40172024

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	Seymour
Branch/Location:	
Project Contact:	Robyn Seymour
Phone:	608 225 9407
Project Number:	
Project Name:	McFarland State
Project State:	Wisconsin
Sampled By (Print):	Robyn Seymour
Sampled By (Sign):	Robyn Seymour
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Seymour
Mail To Company:	Seymour
Mail To Address:	2531 Dyreson McFarland
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	VOC	PAH
					Y/N	Pick Letter		
001	B-1, 4'	7/3	845	S	N	F/B	X	
002	B-1, Shallow		0900	GW			X	
003	B-1, Deep		0905	GW			X	
004	B-2, 4'		1010	S				X
005	B-2, 7'		1020	S			X	
006	B-2		1030	GW			X	X
007	B-3, 5'		1040	S			X	X
008	B-3		1045	GW				
009	B-4, 5'		1100	S				
010	B-4 Shallow		1115	GW				
011	B-4 Deep		1125	GW				

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)

Profile #

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Robyn Seymour	6/15/18 pm		
CS Logistics	7/16/18 0930	Pace	7/16/18 0930

PACE Project No.
40172024

Receipt Temp = Rec °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: Seyman Project # 40177624

All containers needing preservation have been checked and noted below: □Yes □No ☑N/A Initial when completed: Date/ Time:

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																			1				1										2.5 / 5 / 10
002																		3									1						2.5 / 5 / 10
003																		3									3						2.5 / 5 / 10
004																					1												2.5 / 5 / 10
005																			1				1										2.5 / 5 / 10
006	j																	3									3						2.5 / 5 / 10
007																		3	1		1		j										2.5 / 5 / 10
008	1																	3									3						2.5 / 5 / 10
009																			1				1										2.5 / 5 / 10
010																		3									2						2.5 / 5 / 10
011																		3									3						2.5 / 5 / 10
012																																	2.5 / 5 / 10
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018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : ☑Yes □No □N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical™ 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Seymour

Project #: WO#: 40172024

40172024

Courier: ☑ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - N/A **Type of Ice:** Wet (Blue) Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RCL /Corr:

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents: Date: 7/6/18 Initials:

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. No page #, invoice info 7/6/18
Chain of Custody Relinquished:	☐Yes ☑No ☐N/A	3. No time 7/6/18
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9. heavy sediment in vials 7/6/18
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S, W		
Trip Blank Present:	☐Yes ☐No ☑N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Kmk for DM **Date:** 7/6/18

APPENDIX C

PROPERTY DEED

STATE BAR OF WISCONSIN FORM 2 - 1998

WARRANTY DEED

DANE COUNTY
REGISTER OF DEEDS

3338317

06-25-2001 2:22 PM

Trans. Fee 2202.90

Rec. Fee 14.00

Pages 3

001369

Document Number

Recording Area

Name and Return Address
FH of McFarland, Inc.
c/o E. David Locke
5911 Main Street
McFarland, WI 53558

This Deed, made between McFarland Joint Venture, now McFarland Joint Venture, LLP, a Wisconsin limited liability partnership, Grantor, and FH of McFarland, Inc., a Wisconsin corporation, Grantee.

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Dane County, State of Wisconsin:

Described on Exhibit A attached.

See Exhibit A

Parcel Identification Number (PIN)

This is not homestead property.
(Is) (Is not)

Exceptions to warranties: the right-of-way to US Highway 51.

Dated this 1st day of ~~May~~ June 2001

McFARLAND JOINT VENTURE, LLP

_____ (SEAL)

* _____

_____ (SEAL)

* _____

Bruce Neviaser (SEAL)

* Bruce Neviaser, Managing Partner

_____ (SEAL)

* _____

AUTHENTICATION

Signature(s) _____

_____

authenticated this _____ day of _____, _____

_____

* _____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Thomas G. Ragatz, Lawyer

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin,
Dane County. } ss.

Personally came before me this 1st day of ~~May~~ June, 2001, the above named Bruce Neviaser, Managing Partner

_____ to me known to be the person _____ who executed the foregoing instrument and acknowledge the same.

Wendy J Hansen

* WENDY J HANSEN
Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date: April 27 2005.)

* Names of persons signing in any capacity must be typed or printed below their signature.

LEGAL DESCRIPTION
Stonefield Mall (Furnished)
McFarland, Wisconsin

001370

Parcel A

Lots Five (5) and Six (6), Block One (1), Severson Subdivision, in the Village of McFarland, Dane County, Wisconsin.

And

A parcel of land located between Block 1 and Block 2, Severson Subdivision, being a part of Severson Road, Village of McFarland, Dane County, Wisconsin, more fully described as follows:

Beginning at the Southwest corner of Lot 5 of said Block 1, thence South 81°42'00" East, along the South line of said Lot 5, 51.00 feet; thence South 8°18'00" West, 14.00 feet; thence North 81°42'00" West, 51.00 feet; thence North 8°18'11" East, 14.00 feet to the point of beginning.

And

A parcel of land located between Block 1 and Block 2, Severson Subdivision, being a part of Severson Road, Village of McFarland, Dane County, Wisconsin, more fully described as follows:

Commencing at the Southwest corner of Lot 5 of said Block 1, thence South 81°42'00" East, along the South line of said Lot 5, 51.00 feet to the point of beginning; thence continue South 81°42'00" East, along said South line and the South line of Lot 6 of said Block 1, 175.81 feet to the Westerly right-of-way of U.S. Highway 51; thence South 19°52'13" West, along said Westerly right-of-way, 33.69 feet to the former centerline of Severson Road, as platted; thence North 81°42'00" West, along said centerline, 169.05 feet; thence North 8°18'00" East, 33.00 feet to the point of beginning.

Parcel B

Part of Outlot Fifty (50), Assessor's Plat of the Village of McFarland, in the Village of McFarland, Dane County, Wisconsin, and described more fully as follows:

Beginning at the Southwest corner of said Outlot 50; thence East along the South line of said Outlot, 206.7 feet to the centerline of U.S. Highway 51; thence North 19°47" East along said centerline, 83.5 feet; thence West parallel to the South line of said Outlot 50, 226.6 feet to an iron stake on the West line of said Outlot 50; thence Southerly along said West line 80 feet to the point of beginning.

EXCEPTING from all the above land conveyed by Warranty Deed in Volume 16141 of records, Page 49, as Document No. 2270460, and EXCEPT lands conveyed by Quit Claim Deed in Volume 33034 of Records, Page 8, as Document No. 2766694.

Parcel C

Easement for ingress and egress as set forth in Easement Agreement dated November 20, 1995 and recorded May 30, 1996 in the Office of the Register of Deeds for Dane County, Wisconsin in Volume 33034 of Records, Page 9, as Document No. 2766695.

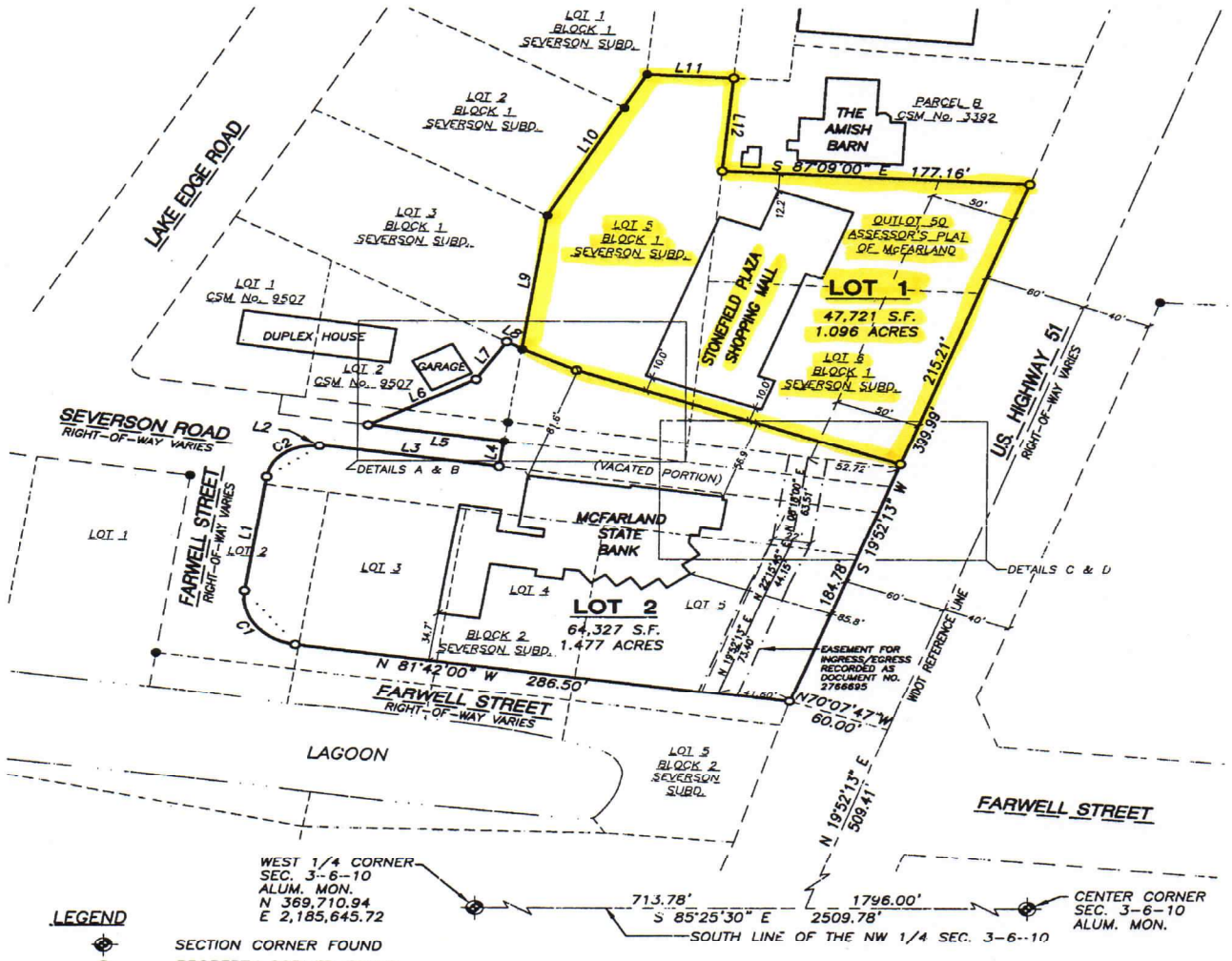
Said Parcel being more particularly described as follows:

Commencing at the northwesterly corner of Lot Two (2), Block Two (2), of said Severson Subdivision; thence along the northerly line of said Lot Two (2), S 81°42'00" E, 43.44 feet; thence N 8°18'00" E, 5.50 feet; thence 41.63 feet along the arc of a curve to the right with a radius of 26.50 feet and a chord which bears N 53°18'00" E, 37.48 feet; thence N 8°18'00" E, 1.00 feet to the centerline of partially vacated Severson Road; thence along said centerline S 81°42'00" E, 104.10 feet; thence N 8°18'00" E, 32.97 feet to the southwesterly corner of Lot Five (5), Block One (1) of said Severson Subdivision, also being the point of beginning; thence along the westerly line of said Lot Five(5), N 8° 18'00" E, 150.20 feet; thence continuing along said westerly line N 28°54'00" E, 116.80 feet to the northwesterly corner of said Lot Five (5); thence along the northerly line of said Lot Five (5), S 87°01'00" E, 50.00 feet to the northeasterly corner of said Lot Five (5); thence along the easterly line of said Lot Five (5), S 5°22"00" W, 67.39 feet; thence S 87°09'00" E, 177.16 feet to the westerly right-of-way line of State Trunk Highway Fifty-One (51); thence along said westerly right-of-way line, S 19°52'13" W, 218.12 feet to the southerly line of said Lot Six (6), Severson Subdivision; thence along the southerly line of said Lot Six (6) and said Lot Five (5), Severson Subdivision, N 81°42'00" W, 226.94 feet to the point of beginning.

Said parcel contains 53778.05 square feet, or 1.235 acres.

CERTIFIED SURVEY MAP NO. 10584

A PARCEL OF LAND BEING PART OF LOT 5 AND LOT 6 OF BLOCK 1 OF SEVERSON SUBDIVISION, PART OF OUTLOT 50 OF THE ASSESSOR'S PLAT OF McFARLAND, PART OF LOT 2, LOT 3, LOT 4 AND LOT 5 OF BLOCK 2 OF SEVERSON SUBDIVISION, AND THE VACATED PORTION OF SEVERSON ROAD, ALL LOCATED IN GOVERNMENT LOT 1, SECTION 3, TOWN 6 NORTH, RANGE 10 EAST, VILLAGE OF McFARLAND, DANE COUNTY, WISCONSIN



LEGEND

- SECTION CORNER FOUND
- PROPERTY CORNER FOUND
- PROPERTY CORNER SET (3/4" X 30" REBAR WEIGHING 1.50 LBS/FT.)
- SECTION LINE
- PROPERTY LINE
- ORIGINAL PLATTED LOT LINE
- RIGHT-OF-WAY LINE
- HIGHWAY REFERENCE LINE
- EASEMENT LINE
- EDGE OF WATER
- WDOT BUILDING SETBACK LINE
- BUILDING

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA ANGLE	TANGENT	CHORD BEARING	CHORD
C1	54.19'	34.50'	90°00'00"	34.50'	N36°42'00"W	48.79'
C2	41.63'	26.50'	89°59'34"	26.50'	N53°18'00"E	37.48

LINE TABLE		
LINE	BEARING	LENGTH
L1	N08°18'00"E	83.26'
L2	N08°18'00"E	1.00'
L3	S81°42'00"E	104.10'
L4	N08°16'38"E	18.91'
L5	N81°42'00"W	78.83'
L6	N61°46'17"E	69.97'
L7	N32°26'08"E	32.42'
L8	S60°21'00"E	10.00'
L9	N08°16'38"E	96.60'
L10	N28°54'00"E	116.80'
L11	S87°01'00"E	50.00'
L12	S05°22'00"W	67.39'
L13	N70°02'13"W	198.22'
L14	N63°57'13"W	35.02'

north

0 100

SCALE: 1"=100'

NOTES

1. SURVEY PERFORMED BY JENKINS SURVEY & DESIGN, INC. ON JANUARY 15, 2002.
2. BEARINGS ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 27.
3. SUBJECT TO ALL EASEMENTS AND RESTRICTIONS BOTH RECORDED AND UNRECORDED.

WISCONSIN
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S-2255
MADISON, WI
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VOL. 62 PAGE 328

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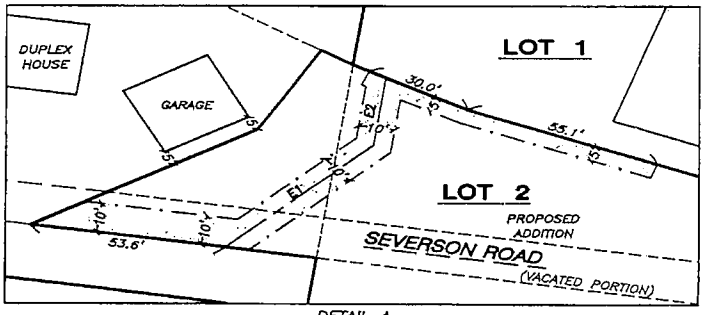
5/19

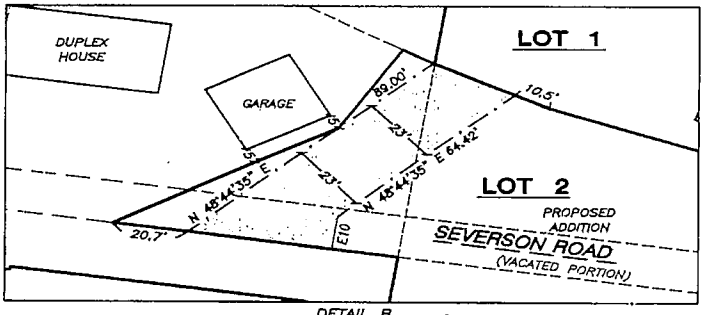
CERTIFIED SURVEY MAP NO. 10584

A PARCEL OF LAND BEING PART OF LOT 5 AND LOT 6 OF BLOCK 1 OF SEVERSON SUBDIVISION, PART OF OUTLOT 50 OF THE ASSESSOR'S PLAT OF McFARLAND, PART OF LOT 2, LOT 3, LOT 4 AND LOT 5 OF BLOCK 2 OF SEVERSON SUBDIVISION, AND THE VACATED PORTION OF SEVERSON ROAD, ALL LOCATED IN GOVERNMENT LOT 1, SECTION 3, TOWN 6 NORTH, RANGE 10 EAST, VILLAGE OF McFARLAND, DANE COUNTY, WISCONSIN



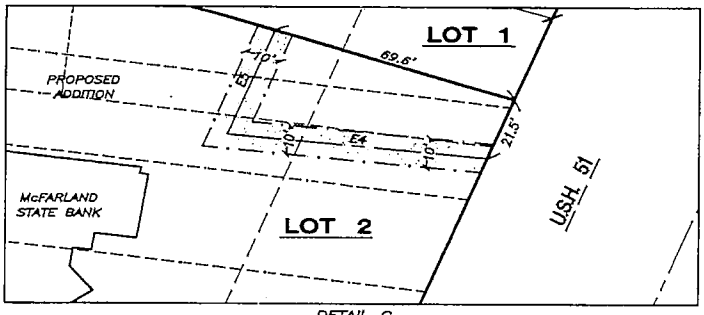
DETAIL A
SCALE: 1"=50'

PRIVATE WATERMAIN EASEMENT, AS SHOWN ON DETAIL A, TO CONSTRUCT, MAINTAIN, REPAIR AND REPLACE A WATER MAIN AND ASSOCIATED APPURTENANCES IN AND ACROSS LOT 2 FOR THE SOLE BENEFIT OF LOT 1. SAID EASEMENT TO BE AS SHOWN HEREON.



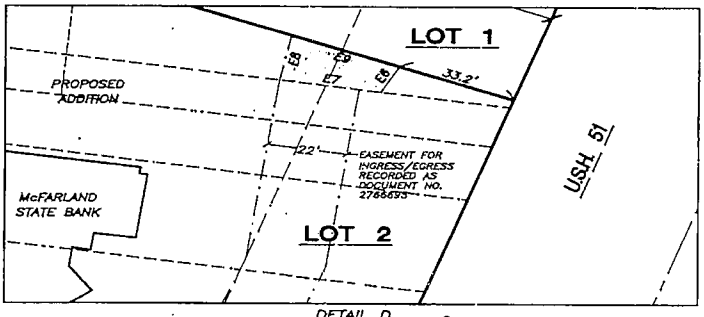
DETAIL B
SCALE: 1"=50'

PRIVATE EASEMENT, AS SHOWN ON DETAIL B, FOR THE PURPOSE OF INGRESS AND EGRESS OVER AND ACROSS A PART OF LOT 2 AS SHOWN HEREON.



DETAIL C
SCALE: 1"=50'

PRIVATE SANITARY SEWER EASEMENT, AS SHOWN ON DETAIL C, TO CONSTRUCT, MAINTAIN, REPAIR AND REPLACE A SANITARY SEWER LINE AND ONE MANHOLE IN AND ACROSS LOT 2 FOR THE SOLE BENEFIT OF LOT 1. SAID EASEMENT TO BE AS SHOWN HEREON.



DETAIL D
SCALE: 1"=50'

EASEMENT, AS SHOWN ON DETAIL D, FOR THE PURPOSE OF INGRESS AND EGRESS OVER AND ACROSS A PART OF LOT 2 AS SHOWN HEREON.

WISCONSIN
DAVE M. JENKINS
S-2255
MADISON, WI
LAND SURVEYOR

EASEMENT LINE TABLE		
LINE	LENGTH	BEARING
E1	53.68	N 48°44'42" E
E2	23.69	N 08°06'01" E
E3	11.08'	N 08°09'36" E
E4	71.55'	N 83°28'06" W
E5	38.11'	N 19°51'38" E
E6	10.21'	S 30°08'03" W
E7	28.00'	N 81°42'00" W
E8	15.88'	N 11°34'31" E
E9	31.54'	S 70°02'15" E

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LEGAL DESCRIPTION

A PARCEL OF LAND LOCATED IN THE SOUTHWEST ¼ OF THE NORTHWEST ¼ OF SECTION 3, TOWN 6 NORTH, RANGE 10 EAST, BEING PART OF LOT 5 AND LOT 6 OF BLOCK 1 OF SEVERSON SUBDIVISION, PART OF OUTLOT 50 OF THE ASSESSOR'S PLAT OF MCFARLAND, PART OF LOT 2, LOT 3, LOT 4 AND LOT 5 OF BLOCK 2 OF SEVERSON SUBDIVISION, AND THE VACATED PORTION OF SEVERSON ROAD, VILLAGE OF MCFARLAND, DANE COUNTY, WISCONSIN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE WEST ¼ CORNER OF SAID SECTION 3, THENCE ALONG THE SOUTH LINE OF THE NORTHWEST ¼ OF SAID SECTION 3, S 85°25'30" E, 713.78 FEET TO THE REFERENCE LINE OF U.S. HIGHWAY 51; THENCE ALONG SAID REFERENCE LINE, N 19°52'13" E, 509.41 FEET; THENCE N 70°07'47" W, 60.00 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID U.S. HIGHWAY 51 AND THE NORTHERLY RIGHT-OF-WAY LINE OF FARWELL STREET, SAID POINT BEING THE POINT OF BEGINNING; THENCE ALONG SAID NORTHERLY RIGHT-OF-WAY LINE OF FARWELL STREET, N 81°42'00" W, 286.50 FEET; THENCE 54.19 FEET ALONG THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 34.50 FEET, WHOSE LONG CHORD BEARS N 36°42'00" W, 48.79 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF FARWELL STREET; THENCE ALONG SAID EASTERLY RIGHT-OF-WAY LINE, N 08°18'00" E, 83.26 FEET; THENCE 41.63 FEET ALONG THE ARC OF A CURVE TO THE RIGHT WITH A RADIUS OF 26.50 FEET, WHOSE LONG CHORD BEARS N 53°18'00" E, 37.48 FEET; THENCE N 08°18'00" E, 1.00 FEET TO THE SOUTHERLY RIGHT-OF-WAY LINE OF SEVERSON ROAD; THENCE ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, S 81°42'00" E, 104.10 FEET; THENCE N 08°16'38" E, 18.91 FEET TO THE NORTHERLY RIGHT-OF-WAY LINE OF SEVERSON ROAD; THENCE ALONG SAID NORTHERLY RIGHT-OF-WAY LINE, N 81°42'00" W, 78.83 FEET; THENCE N 61°46'17" E, 69.97 FEET; THENCE N 32°26'08" E, 32.42 FEET TO THE SOUTHERLY LINE OF LOT 3, BLOCK 1 OF SEVERSON SUBDIVISION; THENCE ALONG SAID SOUTHERLY LINE, S 60°21'00" E, 10.00 FEET TO THE SOUTHWESTERLY CORNER OF LOT 5, BLOCK 1 OF SEVERSON SUBDIVISION; THENCE ALONG THE WESTERLY LINE OF SAID LOT 5, N 08°16'38" E, 96.60 FEET; THENCE CONTINUING ALONG SAID WESTERLY LINE, N 28°54'00" E, 116.80 FEET TO THE NORTHWESTERLY CORNER OF SAID LOT 5; THENCE ALONG THE NORTHERLY LINE OF SAID LOT 5, S 87°01'00" E, 50.00 FEET TO THE NORTHEASTERLY CORNER OF SAID LOT 5; THENCE ALONG THE EASTERLY LINE OF SAID LOT 5, S 05°22'00" W, 67.39 FEET TO THE NORTHWESTERLY CORNER OF OUTLOT 50 OF THE ASSESSOR'S PLAT OF MCFARLAND; THENCE ALONG THE NORTHERLY LINE OF SAID OUTLOT 50, S 87°09'00" E, 177.16 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY 51; THENCE ALONG SAID WESTERLY RIGHT-OF-WAY LINE, S 19°52'13" W, 399.99 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINS 112,048 SQUARE FEET OR 2.572 ACRES.

SURVEYOR'S CERTIFICATE

I, DAVE M. JENKINS, REGISTERED LAND SURVEYOR, S-2255, DO HEREBY CERTIFY THAT I HAVE SURVEYED, DIVIDED, AND MAPPED THE LANDS DESCRIBED HEREIN AND THAT THE MAP IS A CORRECT REPRESENTATION IN ACCORDANCE WITH THE INFORMATION PROVIDED. I FURTHER CERTIFY THAT THIS CERTIFIED SURVEY MAP IS IN FULL COMPLIANCE WITH CHAPTER 236.34 OF THE WISCONSIN STATUTES AND THE SUBDIVISION REGULATIONS OF THE VILLAGE OF MCFARLAND, DANE COUNTY, WISCONSIN.

DATE: 10/28/02

Dave M. Jenkins

DAVE M. JENKINS, S-2255
REGISTERED LAND SURVEYOR

WISCONSIN
DAVE M. JENKINS S-2255 MADISON, WI
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CORPORATE OWNER'S CERTIFICATE

NORTHERN BANK SHARES, INC., A WISCONSIN CORPORATION, DOES HEREBY CERTIFY THAT SAID CORPORATION CAUSED THE LAND DESCRIBED ON THIS CERTIFIED SURVEY MAP TO BE SURVEYED, DIVIDED, AND MAPPED AS REPRESENTED ON THIS CERTIFIED SURVEY MAP, AND TO BE SUBMITTED TO THE VILLAGE OF MCFARLAND PLAN COMMISSION FOR APPROVAL.

E. DAVID LOCKE, PRESIDENT — 11/4/02 DATE
NORTHERN BANKSHARES, INC.

RICHARD SOUTHERN, SECRETARY — 11-1-02 DATE
NORTHERN BANKSHARES, INC.

NOTARY PUBLIC, DANE COUNTY, WISCONSIN

STATE OF WISCONSIN) SS
DANE COUNTY) SS

PERSONALLY CAME BEFORE ME THIS 4th DAY OF November, 2002, THE ABOVE-NAMED E. DAVID LOCKE, THE PRESIDENT OF NORTHERN BANKSHARES, INC., AND RICHARD SOUTHERN, SECRETARY OF NORTHERN BANKSHARES, INC., TO ME KNOWN TO BE THE PERSONS WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED THE SAME.

NOTARY PUBLIC, DANE COUNTY, WISCONSIN

MY COMMISSION EXPIRES Aug 21, 2005.

CORPORATE OWNER'S CERTIFICATE

FH OF MCFARLAND, A WISCONSIN CORPORATION, DOES HEREBY CERTIFY THAT SAID CORPORATION CAUSED THE LAND DESCRIBED ON THIS CERTIFIED SURVEY MAP TO BE SURVEYED, DIVIDED, AND MAPPED AS REPRESENTED ON THIS CERTIFIED SURVEY MAP, AND TO BE SUBMITTED TO THE VILLAGE OF MCFARLAND PLAN COMMISSION FOR APPROVAL.

E. DAVID LOCKE, PRESIDNT — 11/4/02 DATE
FH OF MCFARLAND, INC.

STEVEN A. SWANSON, VICE PRESIDENT — 11/1/02 DATE
FH OF MCFARLAND, INC.

NOTARY PUBLIC, DANE COUNTY, WISCONSIN

STATE OF WISCONSIN) SS
DANE COUNTY) SS

PERSONALLY CAME BEFORE ME THIS 4th DAY OF November, 2002, THE ABOVE-NAMED E. DAVID LOCKE, PRESIDENT OF FH OF MCFARLAND, INC., AND STEVEN A. SWANSON, VICE PRESIDENT OF FH OF MCFARLAND, INC., TO ME KNOWN TO BE THE PERSONS WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED THE SAME.

NOTARY PUBLIC, DANE COUNTY, WISCONSIN

MY COMMISSION EXPIRES Aug 21, 2005.

WISCONSIN
DAVE M. JENKINS S-2255 MADISON, WI
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065148

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VILLAGE OF MCFARLAND PLAN COMMISSION

APPROVED FOR RECORDING PER VILLAGE OF MCFARLAND PLAN COMMISSION THIS 20th DAY OF May, 2002.

Don Peterson

DON PETERSON, VILLAGE ADMINISTATOR

CERTIFICATE OF VILLAGE TREASURER

STATE OF WISCONSIN)
DANE COUNTY) SS

I, DON PETERSON, BEING THE DULY ELECTED, QUALIFIED AND ACTING VILLAGE TREASURER OF THE VILLAGE OF MCFARLAND, DO HEREBY CERTIFY THAT IN ACCORDANCE WITH THE RECORDS IN MY OFFICE, THERE ARE NO UNPAID TAXES OR UNPAID SPECIAL ASSESSMENTS AS OF November 5, 2002 ON ANY OF THE LAND INCLUDED IN THIS CERTIFIED SURVEY MAP.

Don Peterson 11-5-02

DON PETERSON DATE:
VILLAGE OF MCFARLAND TREASURER

DANE COUNTY REGISTER OF DEEDS

RECEIVED FOR RECORDING THIS 8th DAY OF November, 2002 AT 5:23 O'CLOCK P.M. AND RECORDED IN VOLUME 62 OF DANE COUNTY CERTIFIED SURVEY MAPS ON PAGES 328 TO 332 DOCUMENT NUMBER 3586456, CERTIFIED SURVEY MAP NUMBER 10584

Jane C. Licht by Jean M. Casey, deputy

JANE C. LICHT
REGISTER OF DEEDS

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