BROWNFIELD
ENVIRONMENTAL ENGINEERING

Limited Phase II Environmental Site Assessment

Riverbend Stadium – Beloit, WI 53511

Date: March 16, 2020

BROWNFIELD PROJECT No.: 002-028

Prepared for:

Riverbend Stadium Authority, Inc.

525 Third St. – Suite 300

Beloit, WI 53511

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Attachments

1.0 Executive Summary

Brownfield Environmental Engineering Resources, LLC (Brownfield) has prepared this summary report to document the findings of a limited Phase II Environmental Site Assessment (ESA) performed at the proposed Riverbend Stadium (Site) located on Shirland Avenue in Beloit, Rock County, Wisconsin as part of the environmental due diligence process.

The intent of these limited investigation activities was to evaluate the potential presence of environmental impacts associated with the *recognized environmental conditions* (RECs) identified at the Site. The Site was formerly a coal gas manufacturing plant in which significant volatile organic compound contaminants (VOCs) and polyaromatic hydrocarbons (PAHs) were released to soil and groundwater at the property. The City of Beloit purchased the former manufactured gas plant (MGP) in two (2) phases in 1956 and 1966. The City also acquired the northern and eastern portions of the Site. Subsequently, the City of Beloit constructed a wastewater treatment plant on the north side of the Site. All waste water treatment operations at the Site ceased in 1991.

In order to assess whether subsurface soils have been impacted by the identified RECs, Brownfield completed a total of 21 soil borings at the Site. The soil borings were advanced at strategic and accessible locations on the Site to depths ranging between 10 to 24 feet below ground surface (bgs), dependent on localized geologic conditions. Soil boring spacing, depth, and location were strategically placed to assess potential residual contamination at the Site for future development. Two representative soil samples were collected for laboratory analysis from each of the completed borings.

During the investigation, six (6) soil borings were converted to temporary groundwater monitoring wells for the collection of representative groundwater samples. The temporary groundwater monitoring well locations were selected based on the subsurface conditions encountered during drilling, as well as proximity to the proposed underground utility work to be conducted on the Site.

The collected soil samples were analyzed for a strategic combination of volatile organic compounds (VOCs), polyaromatic hydrocarbons (PAHs), and Resource Conservation and Recovery Act (RCRA) metals. Groundwater samples were analyzed for VOCs. The above listed analyses represent indicator contaminants generally associated with the Site's historical use. Soil and groundwater analytical results were compared to Wisconsin Administrative Code Chapter NR 720 Soil Cleanup Standards and NR 140 Preventive Action Limits (PAL) and Enforcement Standards (ES), which were developed to establish minimum standards for the remediation of soil and groundwater contamination.

Soil analytical results from this investigation indicated that concentrations of VOCs, RCRA Metals, and PAHs were detected at concentrations in exceedance of the WI NR 720 residual contamination levels (RCLs). Groundwater analytical results from this investigation indicated that concentrations of VOCs were detected above the WI NR 140 PAL. In general, if the regulated contaminant exceeds its PAL, but is below its enforcement standard (ES), the WDNR may require additional investigation/continued monitoring.

The intent of this limited investigation was to provide environmental due diligence documentation to the Riverbend Stadium Authority, Inc. The findings and conclusions of this report are based on the 21 soil borings and six (6) temporary groundwater monitoring wells that were completed, screened, and sampled at various representative on-site locations. The information provided herein is representative of the existing conditions at the identified boring locations. Varying subsurface conditions, inclusive of soil types, types of contaminants, and concentrations of contaminants, may exist at other locations on-site for which Brownfield cannot be held accountable for identifying based on scope and/or budget limitations.

2.0 Limited Phase II Environmental Site Assessment

2.1 Site Location and Legal Description

The Site consists of a conglomerate of parcels in two states comprised of approximately 21.16 acres of land identified by parcel numbers 13540030, 13540025, 13540020, 13540005, 13540080, 13540073 and 13540060 in Wisconsin; and parcel numbers 0405152001, 0405151001, and 0406277001 in Illinois.

The north side of the Site is primarily vacant land with a bike path and Mill St. cutting through it. The south side of the Site (south of Shirland Ave.) is utilized by the City of Beloit to house a pumping station. The Illinois-Wisconsin Border is also located on the south side of the Site.

The brief legal description provided to Brownfield for the Site is as follows:

OUTLOTS 1, 2 AND 3 IN RIVERBEND PLAT AND VACATED WATER STREET OF SECTION 35, TOWNSHIP 1 NORTH, RANGE 12 EAST OF THE 4TH PRINCIPAL MERIDIAN, CITY OF BELOIT, ROCK COUNTY, WISCONSIN.
UNDERLYING PROPERTY AFFECTING ABOVE LEGAL:
PARCEL 1:
LOT 7 IN BLOCK 62 IN BROWN AND FISHER'S SUBDIVISION
PARCEL 2:
LOT 9 IN BLOCK 63 BROWN AND FISCHER'S SUBDIVISION
PARCEL 3:
A PART OF BLOCK 64 IN THE JOHN HOPKINS ORIGINAL PLAT
PARCEL 4:
A PART OF BLOCK 65 IN THE JOHN HOPKINS ORIGINAL PLAT
PARCEL 5:
A PART OF BLOCK 66 IN THE JOHN HOPKINS ORIGINAL PLAT
PARCEL 6:
LOTS 188-193 OF GOODHUE'S SUBDIVISION
ALL IN SECTION 35, TOWNSHIP 1 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, CITY OF BELOIT, ROCK COUNTY, WISCONSIN.

A Site Location Map is presented in **Appendix A** of this report. The vicinity surrounding the Site can be characterized as a mixture of commercial and recreational land uses, which are depicted in **Appendix B**.

2.2 Current/Future Site Operations

Currently, the Site is mostly vacant. Riverbend Stadium Authority Inc. is proposing engage in a long-term lease of the Site for development of the Riverbend Stadium, a minor league baseball field which will be the future home of the Beloit Snappers.

3.0 Brownfield Site Investigation Activities

3.1 Description of Sampling Plan

The limited subsurface investigation was performed by Brownfield on February 25-26, 2020. A Site-specific sampling plan was developed prior to mobilization to ensure that the objectives of the investigation were achieved.

The sampling plan included the installation of soil borings and temporary monitoring wells throughout the Site. During investigation activities, Brownfield advanced a total of 21 soil borings. Using direct push drilling methods. Soil borings were advanced to depths ranging between 10 and 24 feet bgs to evaluate subsurface conditions. Boring locations were determined with the intent of increasing the likelihood of impact detection. Six (6) soil borings were completed as temporary groundwater monitoring wells for the collection of groundwater samples. **Appendix C** identifies the locations of the completed soil borings and groundwater monitoring wells.

The following sections describe Brownfield's sampling methodology and field activities.

3.2 Methods of Sampling

3.2.1 Soil Sampling

On February 25, 2020, Bradley Brown, Joshua Kunde, and Kassandra Arnold with Brownfield, were on-site at approximately 8:00am to meet the drilling company, Badger State Drilling, and to coordinate the limited Phase II ESA activities. Prior to installation of the soil borings, the underground utility markings were reviewed to confirm locations of existing utility lines in the areas of the proposed soil borings. Soil boring locations were marked and installed as referenced on the Soil Boring Map in **Appendix C**. A Photo Log documenting boring locations and field activities can be found in **Appendix D**.

The soil borings were installed with a Geoprobe Soil Boring machine to a depth ranging between 10 and 24 feet bgs. A MiniRAE Photoionization Detector (PID) was utilized to field screen the soil samples for VOCs. Based on PID readings and soil conditions, Brownfield selected two (2) soil samples from each boring to be analyzed for VOCs, PAHs, and RCRA metals. The samples were collected in laboratory provided containers, placed on ice, and shipped to Pace Analytical of Green Bay, WI for analysis.

3.2.2 Groundwater Sampling

One groundwater sample was collected from each of the six (6) soil borings which were completed as temporary, one-inch diameter PVC monitoring wells, featuring a five-foot screen interval set at the base of the borehole. The technician collecting the samples donned new nitrile gloves before handling each individual sample and equipment to prevent the likelihood of cross contamination between samples. Prior to sampling, the temporary monitoring wells were purged

until the water was relatively clear. After purging, groundwater samples were collected using a dedicated polyethylene bailer.

Groundwater samples were placed in laboratory provided containers and stored in a cooler with ice for transport to Pace Analytical. A completed chain of custody record provides written documentation regarding sample collection and handling, identify the persons involved in the chain of sample possession, and a written record of requested analytical parameters.

3.3 Analytical Methods

All soil and groundwater samples collected for laboratory analysis were placed in laboratory provided containers, labeled, and placed in a cooler with ice, and logged on a chain of custody form. Soil and groundwater samples were transported under proper chain-of-custody to Pace Analytical of Green Bay, WI.

The following table identifies the compounds and analysis methods used to determine the concentrations of contaminants of concern (COC) potentially present in soil and groundwater.

Compound	USEPA Analytical Method Identification	Matrix
Volatile Organic Compounds (VOCs)	8260	Soil & Groundwater
Polyaromatic Hydrocarbons (PAHs)	8270 by SIM	Soil
RCRA Metals/Mercury	6010/7471	Soil

4.0 Analytical Results

4.1 Soil Analytical Results

Subsurface soils at the Site generally included an upper layer of topsoil over mixed fill and gravel materials. The topsoil varied in depth from 4 inches to 1½ feet. A mixture of fill materials and silty sands were typically encountered through 8 feet bgs. Soils were typically saturated around 8 to 10 feet bgs. Additional soil boring information can be found in the Soil Boring Logs located in **Appendix F**.

Soil sample analytical results were compared to Wisconsin Administrative Code Chapter NR 720 Soil Cleanup Standards, which were developed to establish minimum standards for the remediation of soil contamination, which results in restoration of the environment to the extent practicable to minimize the harmful effects to the air, lands, and waters of the State, and are protective of public health, safety, and welfare of the environment. Sample analytical results were compared to the following WI regulatory standards:

- NR 720 Soil to Groundwater Pathway
- NR 720 Soil Cleanup Standards Table 2, Direct Contact Industrial
- NR 720 Soil Cleanup Standards Table 2, Direct Contact Non-Industrial
- NR 720 Soil Cleanup Standards Table 1, Groundwater Protection
- NR 740 Risk Screening

- WI Generic Soil Cleanup Levels for PAHs Groundwater Pathway
- WI Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial
- WI Generic Soil Cleanup Levels for PAHs Direct Contact Industrial

Significant contamination was found to be present throughout the Site. Soil sample results are presented in a Soil Summary Comparison Table in **Appendix F**, and the Pace Analytical Laboratory Report is included in **Appendix H**.

4.2 Groundwater Analytical Results

Groundwater samples collected from the temporary monitoring wells were sent to the laboratory for analysis of VOCs. A review of the groundwater analytical data indicated that the VOC constituent, benzene, exceeded the groundwater quality PAL (WI NR 140) in groundwater samples EV-4W, EV-6W, EV-9W, EV-18W, and EV-21W. Additionally, the VOC constituent, naphthalene, also exceeded the PAL in groundwater sample EV-6W. There were no groundwater samples that contained VOC constituent levels above the enforcement standards (ES).

Concentrations of other VOCs were detected but did not exceed the PALs or ES. Comparison of the laboratory analytical data to WI NR 140 PAL and ES cam be found **Appendix G**.

5.0 Findings & Conclusions

Brownfield Environmental Engineering Resources, LLC has prepared this summary report to document the findings of limited Phase II ESA performed at the proposed Riverbend Stadium Site located on Shirland Avenue in Beloit, Rock County, WI (Site) as part of the environmental due diligence process.

The intent of these limited investigation activities was to evaluate the presence of environmental impacts associated with the former MGP operation associated with the Site. Brownfield performed a subsurface investigation at the Site in February 2020 to evaluate subsurface conditions with respect to the identified former Site operations.

In order to assess whether subsurface soils have been impacted by the identified former Site operations, Brownfield completed a total of 21 soil borings at the Site. The soil borings were advanced at strategic and accessible locations on the Site to depths ranging between 10 to 24 feet bgs, dependent upon localized geologic conditions. Soil boring spacing, depth, and location were determined based on Site conditions, accessibility, and the proposed Site plans. Representative soil samples were collected for laboratory analysis from each of the completed soil borings.

During the investigation, six (6) soil borings were completed as temporary groundwater monitoring wells for the collection of representative grab groundwater samples. The temporary groundwater monitoring well locations were selected based on the subsurface conditions encountered during drilling as well the proposed Site plans. Soils were typically saturated around 8 to 10 feet bgs.

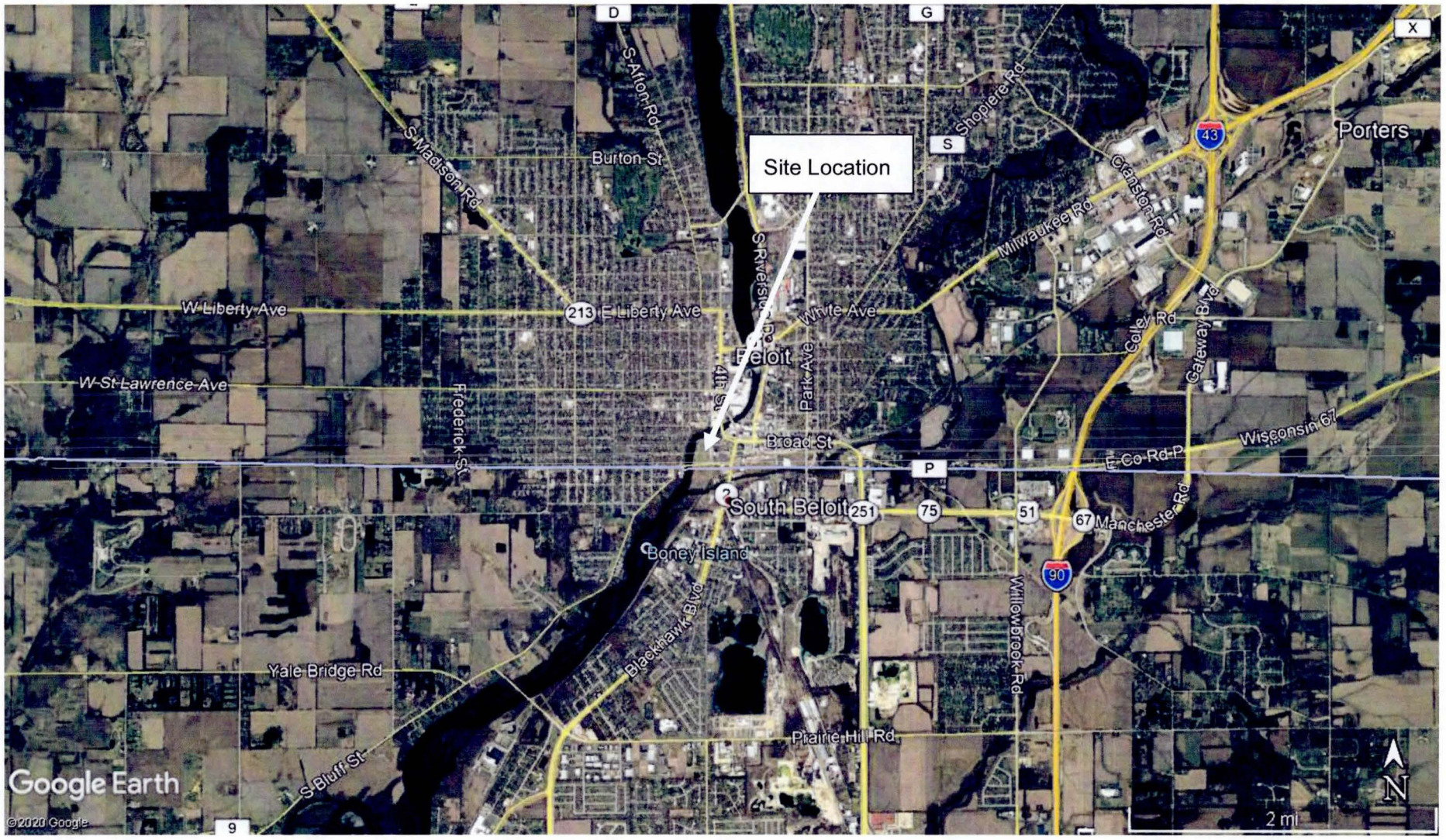
The collected soil and groundwater samples were analyzed for a strategic combination of VOCs, PAHs, and RCRA metals, which represent the indicator contaminants generally associated with the former Site operations. Soil and groundwater analytical results were compared to Wisconsin Administrative Code Chapter NR 720 Soil Cleanup Standards and NR 140 Groundwater PALs and ES. The laboratory analytical results for the collected soil and groundwater samples are summarized and compared to the standards in **Appendices F** and **G**.

Soil analytical results from this investigation indicated that significant contamination was found to be present throughout the Site. Groundwater analytical results from this investigation indicated that concentrations of VOC constituents benzene and naphthalene exceeded the PALs, but were below the ES.

Due to the widespread contamination and the proposed Site plans, Brownfield recommends a comprehensive Site Health & Safety Plan to protect the workers from the ingestion, inhalation, and absorption exposure routes during Site excavation activities. A combination of Level D and a modified Level C personal protective equipment (PPE) may be to complete the proposed site work. Brownfield also recommends that an Environmental Professional be on-site during Site excavation activities to monitor site conditions and worker health and safety.

The intent of this limited investigation was to provide environmental due diligence documentation to the Riverbend Stadium Authority, Inc. The findings and conclusions of this report are based on the 21 soil borings and 6 temporary groundwater monitoring wells that were completed, screened, and sampled at various representative on-site locations. The information provided herein is representative of the existing conditions at the identified boring locations. Varying subsurface conditions, inclusive of soil types, types of contaminants, and concentrations of contaminants, may exist at other locations on-site for which Brownfield cannot be held accountable for identifying based on scope and/or budget limitations.

APPENDIX A



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Site Location Map

LOCATION:	Riverbend Stadium Beloit, WI 53511
CLIENT:	Hendricks Commercial Properties
PROJECT:	002-028
DATE:	March 13, 2020

APPENDIX B

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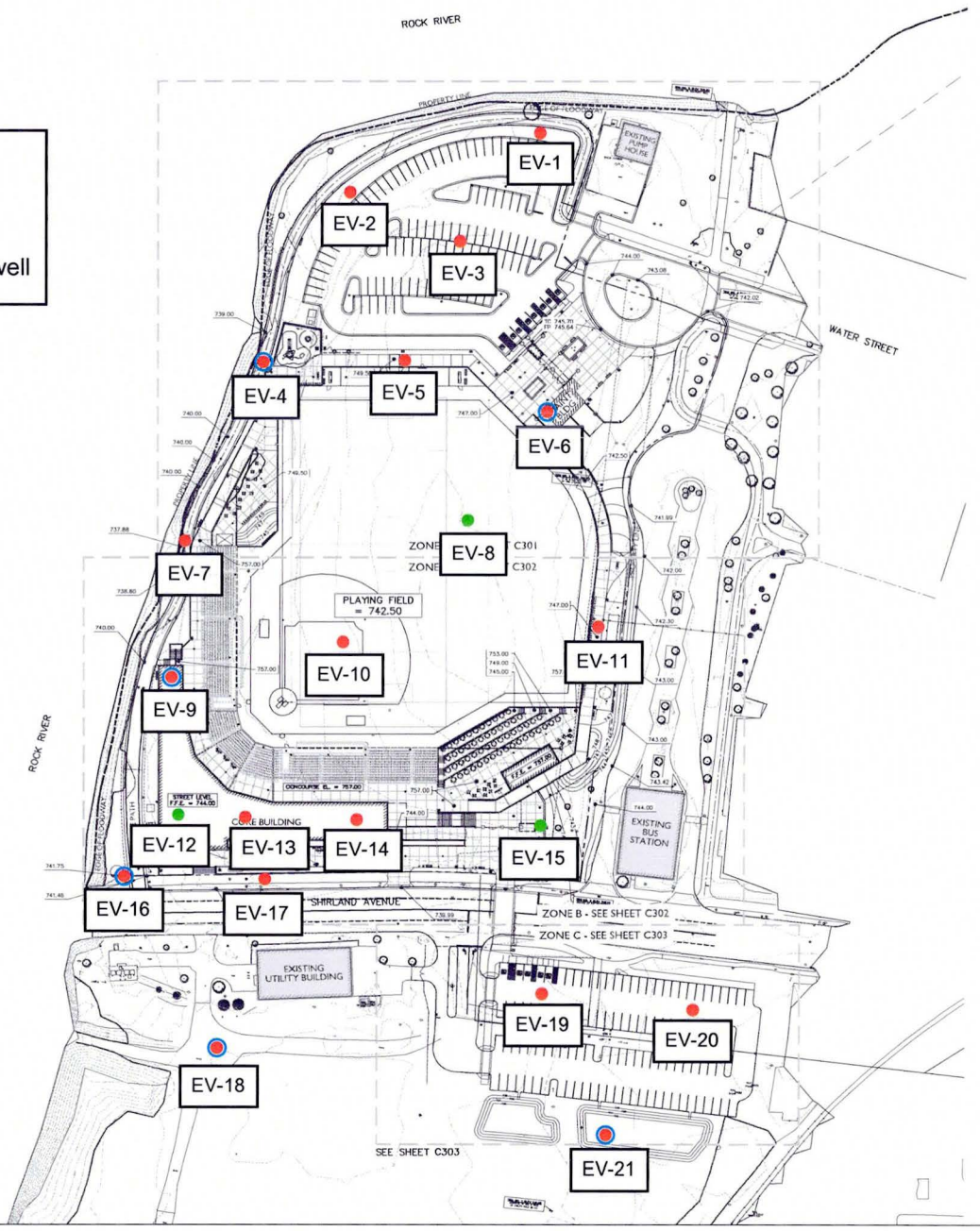
Surrounding Property Map

LOCATION:	Riverbend Stadium Beloit, WI 53511
CLIENT:	Hendricks Commercial Properties
PROJECT:	002-028
DATE:	March 16, 2020

APPENDIX C

- Soil Boring (16 ft. bgs)
- Soil Boring (24 ft. bgs)
- Soil boring with temporary groundwater monitoring well



RIVERBEND STADIUM
RIVERBEND STADIUM AUTHORITY
GRADING LAYOUT PLAN

C300

APPENDIX D

BROWNFIELD
ENVIRONMENTAL ENGINEERING RESOURCES

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium – Beloit, WI 53511

Photo No. 1

Date: February 25, 2020

Direction: North

Description: Soil boring EV-21 – converted to temporary monitoring well

Photo No. 2

Date: February 25, 2020

Direction: East

Description: Soil boring EV-21 – converted to temporary monitoring well

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium – Beloit, WI 53511

Photo No. 3

Date: February 25, 2020

Direction: North

Description: Location of soil boring EV-19

Photo No. 4

Date: February 25, 2020

Direction: West

Description: Soil boring EV-16 – converted to temporary monitoring well

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium – Beloit, WI 53511

Photo No. 5

Date: February 25, 2020

Direction: Northeast

Description: Existing utility building

Photo No. 6

Date: February 25, 2020

Direction: Northwest

Description: Location of soil boring EV-12

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium – Beloit, WI 53511

Photo No. 7

Date: February 25, 2020

Direction: South

Description: Soil boring EV-17

Photo No. 8

Date: February 25, 2020

Direction: East

Description: Location of soil boring EV-13

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium – Beloit, WI 53511

Photo No. 9

Date: February 25, 2020

Direction: N/A

Description: View of soil from soil boring EV-13 – strong odors

Photo No. 10

Date: February 25, 2020

Direction: Northeast

Description: Soil boring EV-14

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium – Beloit, WI 53511

Photo No. 11

Date: February 26, 2020

Direction: East

Description: Location of soil boring EV-11

Photo No. 12

Date: February 26, 2020

Direction: East

Description: Soil boring EV-8

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium -- Beloit, WI 53511

Photo No. 13

Date: February 26, 2020

Direction: East

Description: Soil boring EV-10

Photo No. 14

Date: February 26, 2020

Direction: Southeast

Description: Soil boring EV-9 – converted to temporary monitoring well

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium – Beloit, WI 53511

Photo No. 15

Date: February 26, 2020

Direction: Northeast

Description: Soil boring EV-2

Photo No. 16

Date: February 26, 2020

Direction: N/A

Description: View of soil from soil boring EV-2

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium -- Beloit, WI 53511

Photo No. 17

Date: February 26, 2020

Direction: N/A

Description: View of soil from soil boring EV-2

Photo No. 18

Date: February 26, 2020

Direction: East

Description: Existing building on north side of Site near soil boring EV-1

PHOTO LOG

Project #:	002-028
Client:	Hendricks Commercial Properties
Address:	Riverbend Stadium – Beloit, WI 53511

Photo No. 19

Date: February 26, 2020

Direction: North

Description: Soil boring EV-5

Photo No. 20

Date: February 26, 2020

Direction: East

Description: Soil boring EV-6 – converted to temporary monitoring well

APPENDIX E

BROWNFIELD ENVIRONMENTAL ENGINEERING

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(608) 856-5434

BORING LOG

Page 1 of 1

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-1
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/26/2020

Boring Type: Geoprobe
Finish Date 2/26/2020

Location: North of Mill St. near existing pump house

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil to 4"						0.1	
	Light brown fill						0.1	
1.00	Black fill	1					0.1	
2.00		2	1	GP	40			Sample EV-1A @ 1.75' bgs
3.00		3						
4.00	Dark brown clayey sands with trace gravel	4					0.1	
	Brown coarse to fine sands and gravel						0.1	
5.00		5						
6.00		6	2	GP	25			
7.00		7						
8.00	Same as above	8				▼	0.0	
	Saturated						0.0	
9.00	Dark brown coarse to fine sands with trace gravel	9						
10.00		10	3	GP	25			Sample EV-1B @ 8' bgs
11.00		11						
12.00	Grey coarse to fine sand & gravel, saturated	12					0.0	
13.00		13					0.0	
							0.0	
14.00		14	4	GP	50		0.0	
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

BROWNFIELD ENVIRONMENTAL ENGINEERING

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BORING LOG

Page 1 of 1

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-2
Surface Elev.
Completion Depth: 16 ft. Boring Type: Geoprobe
Start Date 2/26/2020 Finish Date 2/26/2020

Location: Northwest of Mill St.

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil to 6"						0.1	
	Light brown fill						0.1	
1.00	Black clayey sands, slight odor	1					1.2	
2.00		2	1	GP	40			Sample EV-2A @ 1.5' bgs
3.00		3						
4.00		4						
	Same as above, trace gravel						2.7	
5.00	Same as above with coarse to fine gravel, moist	5					1.5	
6.00		6	2	GP	50		0.6	Sample EV-2B @ 4' bgs
7.00		7						
8.00		8						
	Same as above, no gravel, moist					▼	0.4	
9.00		9					0.3	
10.00		10	3	GP	25			
11.00		11						
12.00		12						
	Grey coarse to fine sand & gravel, saturated						0.0	
13.00		13						
							0.0	
14.00		14	4	GP	65			
							0.0	
15.00		15						
16.00		16						
	End of boring at 16' bgs							
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

Page 1 of 1

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-3
Surface Elev.
Completion Depth: 11 ft.
Start Date 2/26/2020

Boring Type: Geoprobe
Finish Date 2/26/2020

Location: South of Mill St. in planned parking lot area

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil	1					0.3	
1.00	Brown clay, medium dense	2	1	GP	75		0.1	Sample EV-3A @ 3' bgs
2.00		3					0.1	
3.00		4						
4.00	Same as above	5					0.1	
5.00		6					0.2	
6.00	Light brown coarse to fine sand & gravel	7	2	GP	75		0.7	Sample EV-3B @ 5.5' bgs.
7.00		8						
8.00	Light brown to grey, coarse to fine sands & gravel, wet	9				▼	0.0	
9.00		10					0.0	
10.00		11	3	GP	25			
11.00	Refusal @ 11' bgs	12						
12.00		13						
13.00		14						
14.00		15	4	GP				
15.00		16						
16.00		17						
17.00		18						
18.00		19						
19.00		20						
20.00								

Groundwater Data:
Comments:

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BORING LOG

Page 1 of 1

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-4
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/26/2020

Boring Type: Geoprobe
Finish Date 2/26/2020

Location: West of Mill St.

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil	1					0.0	
1.00								
2.00		2					0.0	
	Brown silty sands		1	GP	75		0.1	Sample EV-4A @ 2.5' bgs
3.00	Black silty sands with some cinders	3						
4.00		4					0.1	
	Black cinders							
5.00		5						
6.00		6	2	GP	25			Sample EV-4B @ 5' bgs
7.00		7						
8.00		8				▼	0.0	
	Same as above						0.0	
9.00	Grey coarse to fine gavel & sand, wet	9						
10.00		10	3	GP	25			
11.00		11						
12.00		12						
	Grey coarse to fine sand, wet						0.0	
13.00		13						
	Gravel, wet						0.0	
14.00		14	4	GP	50			
15.00		15						
16.00		16						
	End of boring @ 16' bgs							
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

Page 1 of 1

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-5
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/26/2020
Boring Type: Geoprobe
Finish Date 2/26/2020

Location: South of Mill St.

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil	1	1	GP	50		0.1 0.1 0.1 0.1	
1.00	Brown clayey sands							
2.00		2						
3.00		3						
4.00	Same as above	4	2	GP	50		0.3 0.4 0.5	Sample EV-5A @ 4' bgs
5.00	Dark brown coarse to fine sands with trace gravel	5						
6.00		6						
7.00		7						
8.00	Same as above, moist	8	3	GP	25	▼	1.1 0.7	Sample EV-5B @ 8' bgs
9.00		9						
10.00		10						
11.00		11						
12.00	Same as above, moist, strong odor	12	4	GP	50		158.2 43.4 17.8	Sample EV-5C @ 12' bgs
13.00	Grey coarse to fine sands & gravel	13						
14.00	Same as above, saturated	14						
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

BROWNFIELD ENVIRONMENTAL ENGINEERING

645 Third St. - Suite 250
Beloit, WI 53511
(608) 856-5434

BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. **EV-6**
Surface Elev.
Completion Depth: 16 ft. Boring Type: Geoprobe
Start Date 2/26/2020 Finish Date 2/26/2020

Location: South of Mill St. and west of bus entrance/exit

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.1	
1.00	Light brown coarse to fine sand	1						
2.00	Brown clay with trace gravel and coarse to fine sand	2	1	GP	75		0.1	
3.00		3					0.1	
4.00		4						
5.00	Black cinders, loose	5					2.3	
6.00	Brown and red coarse to fine sand & gravel	6	2	GP	50		2.3	Sample EV-6A @ 4.5' bgs
7.00		7					2.0	
8.00		8						
9.00	Grey clay, moist	9				▼	1.5	
10.00	Light brown gravel	10	3	GP	50		1.0	
11.00		11					0.6	Sample EV-6B @ 8.5' bgs
12.00		12						
13.00	Light brown coarse to fine sand & gravel	13					0.0	
14.00		14	4	GP	75		0.0	
15.00		15					0.0	
16.00		16						
17.00	End of boring @ 16' bgs	17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-7
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/26/2020

Boring Type: Geoprobe
Finish Date 2/26/2020

Location: West of Mill St.

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil	1					0.1	
1.00								
		2					0.1	
2.00	Dark brown silty sands		1	GP	75		0.2	Sample EV-7A @ 3' bgs
3.00		3						
4.00	Same as above	4					0.1	
	Black cinders						0.1	
5.00		5						
6.00		6	2	GP	25			Sample EV-7B @ 5' bgs
7.00		7						
8.00	Same as above	8				▼	0.2	
9.00		9					0.2	
	Grey, coarse to fine gravel							
10.00		10	3	GP	25			
11.00		11						
12.00	Grey, coarse to fine sand and gravel	12					0.1	
13.00		13						
							0.1	
14.00		14	4	GP	75			
							0.1	
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-8
Surface Elev.
Completion Depth: 18 ft. Boring Type: Geoprobe
Start Date 2/26/2020 Finish Date 2/26/2020

Location: East of Mill St. in middle of park

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.0	
1.00	Light brown clayey sands	1					1.3	
2.00		2	1	GP	50		1.2	
3.00		3					0.8	Sample EV-8A @ 2' bgs
4.00	Same as above	4					0.6	
5.00		5					1.1	
6.00	Same as above, dark brown-grey	6	2	GP	75		0.8	
7.00	Light brown-grey coarse to fine sands with trace gravel	7					0.9	Sample EV-8SDA @ 6' bgs & Sample EV-8B @ 7' bgs
8.00	Same as above	8					0.7	
9.00		9					0.4	
10.00		10	3	GP	75		0.7	
11.00		11					0.5	
12.00	Dark brown silty sands with gravel	12					0.4	
13.00		13				▼	0.6	
14.00		14	4	GP	25			
15.00		15						
16.00	Same as above with coarse to fine gravel	16					0.0	
17.00		17						
18.00	End of boring @ 18' bgs - Refusal	18	5	GP	25			
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Location: West of Mill St.

Boring No. EV-9
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/26/2020

Boring Type: Geoprobe
Finish Date 2/26/2020

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.2	
1.00	Light brown clayey sands, medium dense	1					0.2	
2.00		2	1	GP	75		0.2	Sample EV-9A @ 3' bgs
3.00		3						
4.00	Dark brown clayey sands with trace gravel	4					0.1	
5.00		5					0.1	
6.00		6	2	GP	50		0.1	Sample EV-9B @ 6' bgs
7.00		7					0.1	
8.00	Same as above	8				▼	0.1	
9.00	Wet	9					0.3	
10.00		10	3	GP	25			
11.00		11						
12.00	Same as above, wet	12					0.1	
13.00	Slight sheen in water	13					0.1	
14.00		14	4	GP	25			
15.00		15						
16.00	End of boring @ 16'	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. **EV-10**
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/26/2020

Boring Type: Geoprobe
Finish Date 2/26/2020

Location: East of Mill St. in park

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.1	
1.00	Light brown clayey sands, medium dense	1					0.2	
2.00		2			75			Sample EV-10A @ 3' bgs
3.00		3					0.2	
4.00	Same as above, trace gravel	4					0.2	
5.00		5					0.3	
							0.2	
6.00	Light brown-grey coarse to fine sands and gravel	6			50		0.1	Sample EV-10B @ 5' bgs
7.00		7						
8.00	Same as above	8					0.5	
9.00	Grey coarse to fine sands and gravel, wet	9				▼	0.1	
10.00		10			25			
11.00		11						
12.00	Same as above, saturated	12					0.0	
13.00	Same as above, dark brown	13					0.0	
14.00	Same as above, grey	14			50		0.2	
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-11
Surface Elev.
Completion Depth: 16 ft. Boring Type: Geoprobe
Start Date 2/26/2020 Finish Date 2/26/2020

Location: West of bus roadway

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.0	
	Brown silty clay						0.0	
1.00	Black medium to fine silty sand with trace gravel	1					0.0	
2.00		2	1	GP	50		0.0	
3.00		3						
4.00	Same as above	4					0.0	
5.00		5						
6.00		6	2	GP	10			Sample EV-11A @ 4' bgs
7.00		7						
8.00	Same as above	8					0.0	
9.00	Light brown coarse to fine sand and gravel	9					0.0	
10.00	Same as above, grey	10	3	GP	50		4.7	
11.00		11					19.9	Sample EV-11B @ 10' bgs
12.00	Light brown coarse to fine sand and gravel	12				▼		
13.00		13					5.5	
14.00		14	4	GP	75		2.2	
15.00		15					1.4	
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-12
Surface Elev.
Completion Depth: 24 ft. Boring Type: Geoprobe
Start Date 2/25/2020 Finish Date 2/25/2020

Location: West of Mill St.

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.1	
1.00	Brown to dark brown silty coarse to fine sands, medium dense	1					0.2	
2.00		2	1	GP	75			Sample EV-12A @ 3' bgs
3.00		3					0.4	
4.00	Same as above with coarse to fine gravel, moist	4					0.0	
5.00		5					0.1	
6.00		6	2	GP	20			
7.00		7						
8.00	Same as above	8					0.0	
9.00	Brown medium to fine sands, wet	9					0.2	
10.00	Odors	10	3	GP	85		0.0 0.0 0.1	Sample EV-11B @ 11' bgs
11.00		11				▼	0.3	
12.00	Black coarse to fine sands with trace gravel, wet	12					0.2	
13.00	Odors	13					0.2	
14.00		14	4	GP	85			
15.00		15					0.2	
16.00	Same as above, odors	16					0.2	
17.00		17					0.3	
18.00		18	5	GP	100			
19.00		19					0.2	
20.00		20					0.2	

Groundwater Data:
Comments:

BROWNFIELD ENVIRONMENTAL ENGINEERING

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-12
Surface Elev.
Completion Depth: 24 ft. Rotary Depth
Start Date 2/25/2020 Finish Date 2/25/2020

Location: West of Mill St.

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
20.00	Same as above						0.0	
21.00		1					0.1	
22.00	Coarse to fine sands & gravel	2	6	GP	100		0.1	Odors
23.00		3					0.1	
24.00		4					0.1	
25.00	End of boring @ 24' bgs	5						
26.00		6				▼		
27.00		7						
28.00		8						
29.00		9						
30.00		10						
31.00		11						
32.00		12						
33.00		13						
34.00		14						
35.00		15						
36.00		16						
37.00		17						
38.00		18						
39.00		19						
40.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-13
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/25/2020
Boring Type: Geoprobe
Finish Date 2/26/2020

Location: East of Mill St.

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil	1					0.0	
1.00								
2.00	Dark brown silty sands with trace gravel, medium dense	2	1	GP	75		0.0	Sample EV-13A @ 3' bgs
							0.1	
3.00		3					30.7	
4.00	Same as above, strong odor, sheen	4					61.8	
5.00		5					319.6	
6.00		6	2	GP	40			Sample EV-13B @ 5.5' bgs, sheen, product
7.00	Refusal @ 7' - offset approximately 15 ft. to northeast	7						
8.00	Black clayey sands, strong odors	8					4.6	
9.00	Wet	9				▼	3.9	
	Grey coarse to fine sands and gravel						32.9	
10.00		10	3	GP	50		9.5	Sample EV-13C @ 9' bgs
11.00		11						
12.00	Same as above, strong odor, sheen	12					2.0	
13.00		13						
14.00		14	4	GP	10			
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-14
Surface Elev.
Completion Depth: 16 ft. Boring Type: Geoprobe
Start Date 2/25/2020 Finish Date 2/25/2020

Location: North of Shirland Ave. and bike path

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00								
	Topsoil						0.1	
1.00	Dark brown silty clay, medium dense, trace gravel	1					0.3	
	slight odors						1.3	
2.00		2	1	GP	60		1.0	Sample EV-14A @ 2.5' bgs
3.00		3						
4.00		4						
	Same as above, slight odors						2.0	
	Light brown, same as above						0.5	
5.00		5					0.5	
	Cobble/concrete						1.0	
6.00	Dark brown medium to fine sands with trace gravel	6	2	GP	50			Sample EV-14B @ 6' bgs
	moist							
7.00		7						
8.00		8						
	Same as above, saturated, slight odors					▼	0.0	
9.00		9					0.0	
	Dark brown to black medium to fine sands with						0.0	
	trace gravel, moist							
10.00		10	3	GP	50			
11.00		11						
12.00		12						
	Grey medium to fine sands with gravel						0.6	
13.00		13						
							0.1	
14.00	Rocks	14	4	GP	60		0.2	
15.00		15						
16.00		16						
	End of boring @ 16' bgs							
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. **EV-15**
Surface Elev.
Completion Depth: 13 ft. Boring Type:
Start Date 2/25/2020 Finish Date 2/25/2020

Location: West of bus road, north of bike path

SAMPLES | DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.0	
1.00	Dark brown medium to fine silty sands	1					0.0	
2.00		2	1	GP	85		0.0	Sample EV-15A @ 3.5' bgs & Sample EV-15SDA @ 2' bgs
3.00	Same as above, olive	3					0.0	
4.00	Same as above, tan	4						
5.00		5					0.0	
6.00		6	2	GP	40		0.0	Sample EV-15B @ 5' bgs
7.00		7						
8.00	Grey coarse to fine sands & gravel, wet	8				▼		
9.00		9					0.0	
10.00		10	3	GP	25			
11.00		11						
12.00	Same as above	12					0.0	
13.00	Refusal @ 13' bgs	13						
14.00		14	4	GP	10			Refusal at 13 ft. below ground surface due to concrete - jumped back 5 feet to the west and refusal again at 13 ft.
15.00		15						
16.00		16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-16
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/25/2020

Boring Type: Geoprobe
Finish Date 2/25/2020

Location: West of Mill St. and west of back path

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00								
	Topsoil						0.2	
1.00	Dark brown silty sands, trace gravel	1					0.2	
2.00		2	1	GP	50		0.2	Sample EV-15A @ 2' bgs
3.00		3						
4.00	Same as above, moist	4					0.1	
5.00		5					0.1	
6.00		6	2	GP	25			Sample EV-15B @ 5' bgs
7.00		7						
8.00	Same as above, wet	8				▼	0.4	
9.00		9						
10.00		10	3	GP	10			Slight odor off groundwater
11.00		11						
12.00	Same as above, saturated	12					0.1	
13.00		13					0.2	
14.00		14	4	GP	30			
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-17
Surface Elev.
Completion Depth: 16 ft. Boring Type: Geoprobe
Start Date 2/25/2020 Finish Date 2/25/2020

Location: North of Shirland Ave. and bike path

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil	1					0.0	
1.00	Dark brown silty sands with trace gravel						0.1	
2.00		2	1	GP	60		0.2	Sample EV-17A @ 2.5' bgs
3.00	Large rocks, dense	3					0.1	
4.00		4						
5.00	Same as above	5					0.2	
6.00		6	2	GP	5			
7.00		7						
8.00		8						
9.00	Grey coarse to fine sand & gravel, saturated	9				▼	0.2	
10.00		10	3	GP	10			
11.00		11						
12.00		12						
13.00		13						
14.00		14	4	GP	0			Poor recovery throughout boring - only 1 sample collected
15.00		15						
16.00		16						
17.00	End of boring @ 16' bgs	17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

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BORING LOG

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Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-18
Surface Elev.
Completion Depth: 16 ft.
Start Date 2/25/2020

Boring Type: Geoprobe
Finish Date 2/25/2020

Location: Southwest of Existing Utility Building

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00								
	Topsoil						0.3	
1.00	Fill material	1					0.0	
	Dark brown silty sands, trace gravel						0.0	
2.00		2	1	GP	50			Sample EV-18A @ 2' bgs
3.00		3						
4.00		4					0.0	
	Same as above							
5.00		5						
6.00		6	2	GP	10			Sample EV-18B @ 4' bgs
7.00		7						
8.00		8				▼		
	Black coarse to fine sand & gravel, wet						0.0	
9.00		9						
							0.0	
10.00		10	3	GP	75			
11.00		11					0.0	
12.00		12						
	Brown, same as above, cobbles						0.0	
13.00		13					0.0	
14.00		14	4	GP	25			
15.00		15						
16.00		16						
	End of boring @ 16' bgs							
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

BROWNFIELD ENVIRONMENTAL ENGINEERING

645 Third St. - Suite 250
Beloit, WI 53511
(608) 856-5434

BORING LOG

Page 1 of 1

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. **EV-19**
Surface Elev.
Completion Depth: 16 ft. Boring Type: Geoprobe
Start Date 2/25/2020 Finish Date 2/25/2020

Location: East of Existing Utility Building - higher elevation

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.0	
1.00	Brown clay	1					0.0	
2.00	Black fill materials, coarse to fine sands & gravel	2	1	GP	40		0.0	Sample EV-19A @ 1.5' bgs
3.00		3						
4.00	Same as above	4					0.0	
5.00	Light brown fill materials, coarse to fine gravel	5					0.0	
6.00		6	2	GP	40		0.0	Sample EV-19B @ 4' bgs
7.00		7						
8.00	Light brown coarse to fine gravel, rocks, wet	8					0.0	
9.00		9				▼	0.0	
10.00		10	3	GP	25			
11.00		11						
12.00	Light brown coarse to fine sand & gravel, wet	12					0.0	
13.00		13						
14.00		14	4	GP	60		0.0	
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

BROWNFIELD ENVIRONMENTAL ENGINEERING

645 Third St. - Suite 250
Beloit, WI 53511
(608) 856-5434

BORING LOG

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-20
Surface Elev.
Completion Depth 16 ft. Boring Type:
Start Date 2/25/2020 Finish Date 2/25/2020

Location: South of Shirland Ave., east of elevated area

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil						0.6	
1.00	Black fill materials	1					0.6	
2.00		2	1	GP	50		0.6	Sample EV-20A @ 2' bgs
3.00		3						
4.00	Black medium to fine sands with trace gravel	4					0.1	
5.00		5						
6.00		6	2	GP	10			Sample EV-20B @ 4.5' bgs
7.00		7						
8.00	Light brown medium to fine sands, trace gravel, wet	8				▼	0.1	
9.00		9					0.1	
10.00		10	3	GP	40		0.1	
11.00		11						
12.00	Light brown coarse to fine sands, trace gravel, wet	12					0.0	
13.00		13					0.0	
14.00	Cobble	14	4	GP	75		0.0	
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

BROWNFIELD ENVIRONMENTAL ENGINEERING

645 Third St. - Suite 250
Beloit, WI 53511
(608) 856-5434

BORING LOG

Page 1 of 1

Client: Hendricks Commercial Properties
Project Name: Riverbend Stadium
Site ID No.:

Boring No. EV-21
Surface Elev.
Completion Depth: 16 ft. Boring Type: Geoprobe
Start Date 2/25/2020 Finish Date 2/25/2020

Location: South of Shirland Ave. in future retention pond

DRILLED BY

PM : Brad Brown, P.E.
Field Staff: Josh Kunde
Kassandra Arnold
Driller: Badger State Drilling

H: Kevin and Dan

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	SAMPLES: Sample No.	Sample Type	Recovery (%)	Water Level	PID Reading (ppm)	REMARKS
0.00	Topsoil	1					0.1	
1.00							0.1	
2.00	Light brown medium to fine sands with trace gravel, mois	2	1	GP	50		0.1	Sample EV-20A @ 2' bgs
3.00		3						
4.00	Same as above	4					0.3	
5.00		5						
6.00		6	2	GP	10			Sample EV-20B @ 4.5' bgs
7.00		7						
8.00	Light brown coarse to fine sand & gravel, wet	8				▼	0.4	
9.00		9					0.4	
10.00		10	3	GP	40			
11.00		11						
12.00	No recovery	12						
13.00		13						
14.00		14	4	GP	0			
15.00		15						
16.00	End of boring @ 16' bgs	16						
17.00		17						
18.00		18						
19.00		19						
20.00		20						

Groundwater Data:
Comments:

APPENDIX F

BROWNFIELD ENVIRONMENTAL ENGINEERING																		
002-028 - Riverbend Stadium		EV-1A	EV-1B	EV-2A	EV-2B	EV-3A	EV-3D	EV-4A	EV-4B	(Id 1459) WI NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id 1598) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id 1571) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id 185) WI NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id: 190) WI NR 746 Risk Screening	(Id: 191) WI Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id: 193) WI Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id 194) WI Generic Soil Cleanup Levels for PAHs Direct Contact Industrial
Date of Sample Collection:		2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020								
Time of Sample Collection:		1:34 PM	1:35 PM	1:17 PM	1:20 PM	1:54 PM	1:56 PM	12:28 PM	12:30 PM								
Pace Lab ID		40203996018	40203996019	40203996016	40203996017	40203996020	40203996021	40203996013	40203996014								
Percent Moisture (ASTM D2974-87)	**Units**																	
Percent Moisture	%	16.7	7.60	19.30	12.70	15.70	17.80	14.00	16.90									
Volatile Organic Compounds (EPA 8260)	**Units**																	
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	53.4	2590	12900						
1,1,1-Trichloroethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	140	640000	640000						
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	.2	753	3690						
1,1,2-Trichloroethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	3.2	1480	7340						
1,1-Dichloroethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	483	4720	23700						
1,1-Dichloroethene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	5	342000	1190000						
1,1-Dichloropropene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7									
1,2,3-Trichlorobenzene	ug/kg	<47.3	<47.3	<1180	<1180	<47.3	<47.3	<47.3	<54.4		48900	493000						
1,2,3-Trichloropropane	ug/kg	<37.4	<37.4	<936	<936	<37.4	<37.4	<37.4	<43.0	51.9	5	95						
1,2,4-Trichlorobenzene	ug/kg	<41.7	<41.7	<1040	<1040	<41.7	<41.7	<41.7	<47.9	408	22000	98700						
1,2,4-Trimethylbenzene	ug/kg	56.3 J	<25.0	1480 J	1580 J	<25.0	<25.0	<25.0	<28.7		89800	219000		83000				
1,2-Dibromo-3-chloropropane	ug/kg	<237	<237	<5920	<5920	<237	<237	<237	<272	.2	8	99						
1,2-Dibromoethane (EDB)	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	.028	47	230						
1,2-Dichlorobenzene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	1170	376000	376000						
1,2-Dichloroethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	2.8	608	3030	4.9	600				
1,2-Dichloropropane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	3.3	1330	6620						
1,3,5-Trimethylbenzene	ug/kg	<25.0	<25.0	<625	4750	<25.0	<25.0	<25.0	<28.7		182000	182000		11000				
1,3-Dichlorobenzene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	1150	297000	297000						
1,3-Dichloropropane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		1490000	1490000						
1,4-Dichlorobenzene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	144	3480	17500						
2,2-Dichloropropane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		527000	527000						
2-Chlorotoluene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		907000	907000						
4-Chlorotoluene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		253000	253000						
Benzene	ug/kg	64.3 J	129	<625	<625	<25.0	<25.0	<25.0	105	5.1	1490	7410	5.5	8500				
Bromobenzene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		354000	679000						
Bromochloromethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		232000	976000						
Bromodichloromethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	.3	390	1960						
Bromoform	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	2.3	61500	218000						
Bromomethane	ug/kg	<63.8	<63.8	<1590	<1590	<63.8	<63.8	<63.8	<73.3	5.1	10300	46000						
Carbon tetrachloride	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	3.9	854	4250						
Chlorobenzene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	136	392000	761000						
Chloroethane	ug/kg	<46.4	<46.4	<1160	<1160	<46.4	<46.4	<46.4	<53.3	227	2120000	2120000						
Chloroform	ug/kg	<47.5	<47.5	<1190	<1190	<47.5	<47.5	<47.5	<54.6	3.3	423	2130						
Chloromethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	15.5	171000	720000						
Dibromochloromethane	ug/kg	<229	<229	<5720	<5720	<229	<229	<229	<263	32	933	4400						
Dibromomethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		35000	151000						
Dichlorodifluoromethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	3090	135000	571000						
Diisopropyl ether	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		2260000	2260000						
Ethylbenzene	ug/kg	32.8 J	47.1 J	4330	3690	<25.0	<25.0	<25.0	<28.7	1570	7470	37000	2900	4600				
Hexachloro-1,3-butadiene	ug/kg	<68.7	<68.7	<1720	<1720	<68.7	<68.7	<68.7	<79.0		6220	22100						
Isopropylbenzene (Cumene)	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		268000	268000						
Methyl-tert-butyl ether	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	27	59400	293000						
Methylene Chloride	ug/kg	<26.3	<26.3	<657	<657	<26.3	<26.3	<26.3	<30.2	2.6	60700	1070000						
Naphthalene	ug/kg	123	262	146000	128000	<27.3	<27.3	<27.3	<31.4	658	5150	26000		2700	400	20000	110000	
Styrene	ug/kg	<25.0	36.2 J	<625	<625	<25.0	<25.0	<25.0	<28.7	220	867000	867000						
Tetrachloroethene	ug/kg	<38.7	<38.7	<967	<967	<38.7	<38.7	<38.7	<44.5	4.5	30700	153000						
Toluene	ug/kg	196	296	<625	<625	<25.0	37.1 J	<25.0	239	1110	818000	818000	1500	38000				
Trichloroethene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	3.6	1260	8810						
Trichlorofluoromethane	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	4480	1120000	1230000						
Vinyl chloride	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	.1	67	2030						
cis-1,2-Dichloroethene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	41.2	156000	2040000						
cis-1,3-Dichloropropene	ug/kg	<42.3	<42.3	<1060	<1060	<42.3	<42.3	<42.3	<48.6		1220000	1220000						
m&p-Xylene	ug/kg	91.4 J	99.7 J	<1250	<1250	<50.0	<50.0	<50.0	<57.5									
n-Butylbenzene	ug/kg	<30.0	<30.0	<751	<751	<30.0	<30.0	<30.0	<34.5		108000	108000						
n-Propylbenzene	ug/kg	<25.0	<25.0	1200 J	1360 J	<25.0	<25.0	<25.0	<28.7		264000	264000						
o-Xylene	ug/kg	53.4 J	47.2 J	1130 J	952 J	<25.0	<25.0	<25.0	<28.7		434000	434000						
p-Isopropyltoluene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		162000	162000						
sec-Butylbenzene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		145000	145000						
tert-Butylbenzene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		183000	183000						
trans-1,2-Dichloroethene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	58.8	1560000	1670000						
trans-1,3-Dichloropropene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		1570000	1570000						
RCRA Metals (EPA 6010 & 7471)	**Units**																	
Arsenic	mg/kg	7.2	3.6 J	26.3	12.0	3.7 J	7.7	7.3	10.6	.58	.61	2.4						
Barium	mg/kg	70.8	32.6	77.1	68.8	104	96.1	181	143	165	15300	100000						
Cadmium	mg/kg	0.45 J	0.29 J	0.65	0.48 J	0.22 J	0.19 J	0.19 J	0.84	.75	70	799						
Chromium	mg/kg	13.7	8.1	37.7	18.4	14.9	20.6	22.2	15.0	360000								
Lead	mg/kg	58.7	27.1	80.7	53.0	12.5	14.8	18.3	144	27	400	800						
Selenium	mg/kg	<1.5	<1.3	<1.6	<1.5	<1.5	<1.6	<1.4	<1.5	.52	391	5110						
Silver	mg/kg	<0.35	<0.31	<0.38	<0.35	<0.34	<0.37	<0.34	<0.36	.85	391	5110						
Mercury	mg/kg	0.44	0.22	0.48	0.19	0.017 J	0.039	0.013 J	0.043	.21	3.1	3.1						
Polyaromatic Hydrocarbons (EPA 8270 by SIM)	**Units**																	
1-Methylnaphthalene	ug/kg	7540	391	131000	35500	5.7 J	<3.0	3.2 J	23.0		15600	53100			23000	1100000	70000000	
2-Methylnaphthalene	ug/kg	1300 J	238 J	5390 J	1730 J	3.7 J	<3.0	<2.8	22.8		229000	2200000			20000	600000	40000000	
Acenaphthene	ug/kg	1330 J	117 J	9960	5120 J	<2.6	<2.6	<2.5	8.3 J		3440000	33000000			38000	900000	60000000	
Acenaphthylene	ug/kg	5270	722	20200	8470	9.9 J	3.7 J	9.6 J	56.0						700	18000	360000	
Anthracene	ug/kg	12100	1400	56700	27000	15.7 J	6.3 J	14.7 J	58.8	198000	17200000	100000000			3000000	5000000	300000000	
Benzo(a)anthracene	ug/kg	8800	1740	22900	12000	19.1 J	7.3 J	19.1 J	68.9		148	2110			17000	88	3900	
Benzo(a)pyrene	ug/kg	7560	1630	18400	9740	18.0 J	5.9 J	15.0 J	84.4	470	15	211			48000	8.8	390	
Benzo(b)fluoranthene	ug/kg	6380	1610	15900	8570	19.7 J	6.6 J	17.8 J	115	479	148	2110			360000	88	3900	
Benzo(g,h,i)perylene	ug/kg	3200 J	810	7080 J	3940 J	11.2 J	<3.6	9.6 J	84.7						6800000	1800	39000	
Benzo(k)fluoranthene	ug/kg	3860 J	844	8180 J	4760 J	10.3 J	3.8 J	9.7 J	52.8		1480	21100			870000	880	39000	
Chrysene	ug/kg	10200	1990	26300	14000	21.4	7.9 J	22.7	102	145	14800	211000			37000	8800	390000	
Dibenz(a,h)anthracene	ug/kg	752 J	276 J	2080 J	940 J	2.8 J	<2.8	3.3 J	20.6		15	211			38000	8.8	390	
Fluoranthene	ug/kg	18200	3240	49600	27800	33.7	12.6 J	37.0	129	88900	2290000	22000000			500000	600000	40000000	
Fluorene	ug/kg	8670	500	49100	17900	4.7 J	<2.4	3.0 J	18.1 J	14800	2290000	22000000			100000	600000	40000000	
Indeno(1,2,3-cd)pyrene	ug/kg	2700 J	746	6090 J	3370 J	9.1 J	<4.2	8.3 J	62.3		148	2110			680000	88	3900	
Naphthalene	ug/kg	5520	772	31800	23500	10.1 J	4.6 J	4.3 J	80.0	658	5150	26000		2700	400	20000	110000	
Phenanthrene	ug/kg	29200	3080	123000	53300	25.3	10.4 J	34.6	121						1800	18000	390000	
Pyrene	ug/kg	19100	3430	58400	29200	33.2	11.8 J	39.2	127	54100	1720000	16500000			8700000	500000	30000000	

002-028 - Riverbend Stadium		EV-5A	EV-5B	EV-5C	EV-4A	EV-4B	EV-7A	EV-7B	EV-8A	(Id 1459) WI NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id 1598) WI NR 726 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id 1571) WI NR 726 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id 185) WI NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id 190) WI NR 746 Risk Screening	(Id 191) WI Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id 193) WI Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id 194) WI Generic Soil Cleanup Levels for PAHs Direct Contact Industrial
Date of Sample Collection:		2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020								
Time of Sample Collection:		2:09 PM	2:10 PM	2:15 PM	2:39 PM	2:39 PM	12:08 PM	12:10 PM	10:29 AM								
Pace Lab ID		40203996023	40203996024	40203996025	40203996026	40203996027	40203996010	40203996011	40203996001								
Percent Moisture (ASTM D2974-87)	**Units**																
Percent Moisture	%	16.3	23.80	14.10	9.80	18.10	13.90	14.30	7.50								
Volatile Organic Compounds (EPA 8260)	**Units**																
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	53.4	2590	12900					
1,1,1-Trichloroethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	140	640000	640000					
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	2	753	3690					
1,1,2-Trichloroethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	3.2	1480	7340					
1,1-Dichloroethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	483	4720	23700					
1,1-Dichloroethene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	5	342000	1190000					
1,1-Dichloropropene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0								
1,2,3-Trichlorobenzene	ug/kg	<47.3	<94.6	<1890	<2370	<47.3	<47.3	<47.3	<47.3		48900	493000					
1,2,3-Trichloropropane	ug/kg	<37.4	<74.9	<1500	<1870	<37.4	<37.4	<37.4	<37.4	51.9	5	95					
1,2,4-Trichlorobenzene	ug/kg	<41.7	<83.3	<1670	<2080	<41.7	<41.7	<41.7	<41.7	408	22000	98700					
1,2,4-Trimethylbenzene	ug/kg	<25.0	14200	41700	2300 J	<25.0	60.8 J	37.3 J	<25.0		89800	219000		83000			
1,2-Dibromo-3-chloropropane	ug/kg	<237	<474	<9470	<11800	<237	<237	<237	<237	2	8	99					
1,2-Dibromoethane (EDB)	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	.028	47	230					
1,2-Dichlorobenzene	ug/kg	<25.0	146 J	<1000	<1250	<25.0	<25.0	<25.0	<25.0	1170	376000	376000					
1,2-Dichloroethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	2.8	608	3030	4.9	600			
1,2-Dichloropropane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	3.3	1330	6620					
1,3,5-Trimethylbenzene	ug/kg	<25.0	3750	14900	<1250	<25.0	30.7 J	<25.0	<25.0		182000	182000		11000			
1,3-Dichlorobenzene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	1150	297000	297000					
1,3-Dichloropropane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		1490000	1490000					
1,4-Dichlorobenzene	ug/kg	<25.0	135 J	<1000	<1250	<25.0	<25.0	<25.0	<25.0	144	3480	17500					
2,2-Dichloropropane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		527000	527000					
2-Chlorotoluene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		907000	907000					
4-Chlorotoluene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		253000	253000					
Benzene	ug/kg	<25.0	13900	20000	<1250	<25.0	53.4 J	<25.0	44.7 J	5.1	1490	7410	5.5	8500			
Bromobenzene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		354000	679000					
Bromochloromethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		232000	976000					
Bromodichloromethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	.3	390	1960					
Bromoform	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	2.3	61500	218000					
Bromomethane	ug/kg	<63.8	<128	<2550	<3190	<63.8	<63.8	<63.8	<63.8	5.1	10300	46000					
Carbon tetrachloride	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	3.9	854	4250					
Chlorobenzene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	136	392000	761000					
Chloroethane	ug/kg	<46.4	<92.8	<1860	<2320	<46.4	<46.4	<46.4	<46.4	227	2120000	2120000					
Chloroform	ug/kg	<47.5	<95.0	<1900	<2380	<47.5	<47.5	<47.5	<47.5	3.3	423	2130					
Chloromethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	15.5	171000	720000					
Dibromochloromethane	ug/kg	<229	<458	<9160	<11400	<229	<229	<229	<229	32	933	4400					
Dibromomethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		35000	151000					
Dichlorodifluoromethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	3090	135000	571000					
Diisopropyl ether	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		2260000	2260000					
Ethylbenzene	ug/kg	<25.0	30200	114000	<1250	<25.0	42.3 J	<25.0	<25.0	1570	7470	37000	2900	4600			
Hexachloro-1,3-butadiene	ug/kg	<68.7	<137	<2750	<3440	<68.7	<68.7	<68.7	<68.7		6220	22100					
Isopropylbenzene (Cumene)	ug/kg	<25.0	1780	2070 J	<1250	<25.0	<25.0	<25.0	<25.0		268000	268000					
Methyl-tert-butyl ether	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	27	59400	293000					
Methylene Chloride	ug/kg	<26.3	<52.5	<1050	<1310	<26.3	<26.3	<26.3	<26.3	2.6	60700	1070000					
Naphthalene	ug/kg	<27.3	14500	61500	115000	<27.3	673	136	<27.3	658	5150	26000		2700	400	20000	110000
Styrene	ug/kg	<25.0	<50.0	153000	<1250	<25.0	<25.0	<25.0	<25.0	220	867000	867000					
Tetrachloroethene	ug/kg	<38.7	<77.4	<1550	<1930	<38.7	<38.7	<38.7	<38.7	4.5	30700	153000					
Toluene	ug/kg	<25.0	7040	273000	<1250	<25.0	84.9	33.0 J	117	1110	818000	818000	1500	38000			
Trichloroethene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	3.6	1260	8810					
Trichlorofluoromethane	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	4480	1120000	1230000					
Vinyl chloride	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	1	67	2030					
cis-1,2-Dichloroethene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	41.2	156000	2040000					
cis-1,3-Dichloropropene	ug/kg	<42.3	<84.5	<1690	<2110	<42.3	<42.3	<42.3	<42.3		1220000	1220000					
m&p-Xylene	ug/kg	<50.0	43400	332000	<2500	<50.0	94.4 J	<50.0	<50.0								
n-Butylbenzene	ug/kg	<30.0	277	<1200	<1500	<30.0	<30.0	<30.0	<30.0		108000	108000					
n-Propylbenzene	ug/kg	<25.0	1350	3670	<1250	<25.0	<25.0	<25.0	<25.0		264000	264000					
o-Xylene	ug/kg	<25.0	11800	138000	<1250	<25.0	36.5 J	<25.0	<25.0		434000	434000					
p-Isopropyltoluene	ug/kg	<25.0	781	<1000	<1250	<25.0	<25.0	<25.0	<25.0		162000	162000					
sec-Butylbenzene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		145000	145000					
tert-Butylbenzene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		183000	183000					
trans-1,2-Dichloroethene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0	58.8	1560000	1670000					
trans-1,3-Dichloropropene	ug/kg	<25.0	<50.0	<1000	<1250	<25.0	<25.0	<25.0	<25.0		1570000	1570000					
RCRA Metals (EPA 6010 & 7471)	**Units**																
Arsenic	mg/kg	3.7 J	9.4	2.9 J	6.9	2.0 J	4.1 J	3.3 J	2.7 J	.58	.61	2.4					
Barium	mg/kg	87.2	109	32.5	55.0	96.2	99.5	43.3	31.5	165	15300	100000					
Cadmium	mg/kg	0.34 J	1.6	0.22 J	0.63	0.26 J	0.28 J	0.56 J	0.15 J	.75	70	799					
Chromium	mg/kg	12.8	10.7	16.7	11.8	22.9	17.1	10.4	8.6	360000							
Lead	mg/kg	24.0	36.0	4.4	275	9.0	42.5	32.6	3.9	27	400	800					
Selenium	mg/kg	<1.4	<1.7	<1.5	<1.4	<1.6	<1.5	<1.5	<1.4	.52	391	5110					
Silver	mg/kg	<0.34	<0.39	<0.35	<0.34	<0.37	<0.35	<0.35	<0.33	.85	391	5110					
Mercury	mg/kg	0.19	0.21	0.024 J	0.15	0.040	0.19	0.090	<0.011	.21	3.1	3.1					
Polyaromatic Hydrocarbons (EPA 8270 by SIM)	**Units**																
1-Methylnaphthalene	ug/kg	134	2470 J	1200 J	13700	92.4	224	73.0 J	<2.6		15600	53100			23000	1100000	70000000
2-Methylnaphthalene	ug/kg	103	3960 J	2220 J	16300	98.8	354	118 J	<2.6		229000	2200000			20000	600000	40000000
Acenaphthene	ug/kg	30.5	<569	<505	1350 J	8.0 J	46.2 J	108 J	<2.3		3440000	33000000			38000	900000	60000000
Acenaphthylene	ug/kg	186	<553	<491	4200	27.9	1980	371 J	<2.3						700	18000	360000
Anthracene	ug/kg	265	590 J	<483	7000	48.9	764	1500	3.9 J	198000	17200000	100000000			3000000	5000000	300000000
Benzo(a)anthracene	ug/kg	360	789 J	<504	3620	33.0	1430	3390	3.0 J		148	2110			17000	88	3900
Benzo(a)pyrene	ug/kg	372	595 J	<443	2520	26.3	2540	3110	<2.0	470	15	211			48000	8.8	390
Benzo(b)fluoranthene	ug/kg	411	1350 J	<541	2260	23.3	2720	3920	<2.5	479	148	2110			360000	88	3900
Benzo(g,h,i)perylene	ug/kg	207	1120 J	<684	908 J	12.5 J	1870	1610	<3.2						6800000	1800	39000
Benzo(k)fluoranthene	ug/kg	162	837 J	<498	1300 J	13.4 J	1000	1610	<2.3		1480	21100			870000	880	39000
Chrysene	ug/kg	403	1110 J	<735	4170	37.4	1780	3740	<3.4	145	14800	211000			37000	8800	390000
Dibenz(a,h)anthracene	ug/kg	71.1	<607	<539	269 J	3.2 J	596	551	<2.5		15	211			38000	8.8	390
Fluoranthene	ug/kg	679	1470 J	<461	6810	62.1	1380	7440	3.9 J	88900	2290000	22000000			500000	600000	40000000
Fluorene	ug/kg	94.4	<525	<467	6170	40.6	237	207 J	<2.2	14800	2290000	22000000			100000	600000	40000000
Indeno(1,2,3-cd)pyrene	ug/kg	177	984 J	<812	830 J	10.2 J	1510	1520	<3.8		148	2110			680000	88	3900
Naphthalene	ug/kg	346	69600	39500	21300	150	1170	268 J	<1.8	658	5150	26000		2700	400	20000	110000
Phenanthrene	ug/kg	610	1000 J	<446	16600	120	680	2530	4.4 J						1800	18000	390000
Pyrene	ug/kg	647	704 J	<573	7440	67.7	1840	5640	4.7 J	54100	1720000	16500000			8700000	500000	30000000

002-028 - Riverbend Stadium		FV-4B	FV-5A	FV-5B	FV-10A	FV-10B	FV-11A	FV-11B	FV-12A	(Id 1459) WI NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id 1598) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id 1571) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id 185) WI NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id 190) WI NR 746 Risk Screening	(Id 191) WI Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id 193) WI Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id 194) WI Generic Soil Cleanup Levels for PAHs Direct Contact Industrial
Date of Sample Collection		2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/26/2020	2/25/2020								
Time of Sample Collection		10:35 AM	11:33 AM	11:33 AM	10:52 AM	10:52 AM	10:10 AM	10:11 AM	1:00 PM								
Pace Lab ID		40203996002	40203996007	40203996008	40203996064	40203996065	40203996039	40203996040	40203996029								
Percent Moisture (ASTM D2974-87)	**Units**																
Percent Moisture	%	11.2	11.60	16.20	12.60	12.30	11.00	6.60	10.30								
Volatile Organic Compounds (EPA 8260)	**Units**																
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	53.4	2590	12900					
1,1,1-Trichloroethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	140	640000	640000					
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	2	753	3690					
1,1,2-Trichloroethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	3.2	1480	7140					
1,1-Dichloroethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	483	4720	23700					
1,1-Dichloroethene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	5	342000	1190000					
1,1-Dichloropropene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0								
1,2,3-Trichlorobenzene	ug/kg	<47.3	<47.3	<47.3	<47.3	<47.3	<56.3	<47.3	<47.3		48900	493000					
1,2,3-Trichloropropane	ug/kg	<37.4	<37.4	<37.4	<37.4	<37.4	<44.6	<37.4	<37.4	51.9	5	95					
1,2,4-Trichlorobenzene	ug/kg	<41.7	<41.7	<41.7	<41.7	<41.7	<49.6	<41.7	<41.7	408	22000	98700					
1,2,4-Trimethylbenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	56.9 J	<25.0	<25.0		89800	219000		83000			
1,2-Dibromo-3-chloropropane	ug/kg	<237	<237	<237	<237	<237	<282	<237	<237	2	8	99					
1,2-Dibromoethane (EDB)	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	.028	47	230					
1,2-Dichlorobenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	1170	376000	376000					
1,2-Dichloroethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	2.8	608	3030	4.9	600			
1,2-Dichloropropane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	3.3	1330	6620					
1,3,5-Trimethylbenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		182000	182000		11000			
1,3-Dichlorobenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	1150	297000	297000					
1,3-Dichloropropane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		1490000	1490000					
1,4-Dichlorobenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	144	3480	17500					
2,2-Dichloropropane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		527000	527000					
2-Chlorotoluene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		907000	907000					
4-Chlorotoluene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		253000	253000					
Benzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	5.1	1490	7410	5.5	8500			
Bromobenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		354000	679000					
Bromochloromethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		232000	976000					
Bromodichloromethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	.3	390	1960					
Bromoform	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	2.3	61500	218000					
Bromomethane	ug/kg	<63.8	<63.8	<63.8	<63.8	<63.8	<75.9	<63.8	<63.8	5.1	10300	46000					
Carbon tetrachloride	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	3.9	854	4250					
Chlorobenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	136	392000	761000					
Chloroethane	ug/kg	<46.4	<46.4	<46.4	<46.4	<46.4	<55.2	<46.4	<46.4	227	2120000	2120000					
Chloroform	ug/kg	<47.5	<47.5	<47.5	<47.5	<47.5	<56.6	<47.5	<47.5	3.3	423	2130					
Chloromethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	15.5	171000	720000					
Dibromochloromethane	ug/kg	<229	<229	<229	<229	<229	<273	<229	<229	32	933	4400					
Dibromomethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		35000	151000					
Dichlorodifluoromethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	3090	135000	571000					
Diisopropyl ether	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		2260000	2260000					
Ethylbenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	1570	7470	37000	2900	4600			
Hexachloro-1,3-butadiene	ug/kg	<68.7	<68.7	<68.7	<68.7	<68.7	<81.8	<68.7	<68.7		6220	22100					
Isopropylbenzene (Cumene)	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		268000	268000					
Methyl-tert-butyl ether	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	27	59400	293000					
Methylene Chloride	ug/kg	<26.3	<26.3	<26.3	<26.3	<26.3	<31.3	<26.3	<26.3	2.6	60700	1070000					
Naphthalene	ug/kg	<27.3	<27.3	213	<27.3	<27.3	101 J	<27.3	190	658	5150	26000		2700	400	20000	110000
Styrene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	220	867000	867000					
Tetrachloroethene	ug/kg	<38.7	<38.7	<38.7	<38.7	<38.7	<46.1	<38.7	<38.7	4.5	30700	153000					
Toluene	ug/kg	29.8 J	<25.0	48.1 J	<25.0	44.1 J	68.3 J	<25.0	52.3 J	1110	818000	818000	1500	38000			
Trichloroethene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	3.6	1260	8810					
Trichlorofluoromethane	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	4480	1120000	1230000					
Vinyl chloride	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	.1	67	2030					
cis-1,2-Dichloroethene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	41.2	156000	2040000					
cis-1,3-Dichloropropene	ug/kg	<42.3	<42.3	<42.3	<42.3	<42.3	<50.3	<42.3	<42.3		1220000	1220000					
m&p-Xylene	ug/kg	<50.0	<50.0	<50.0	<50.0	<50.0	86.0 J	<50.0	<50.0								
n-Butylbenzene	ug/kg	<30.0	<30.0	<30.0	<30.0	<30.0	<35.7	<30.0	<30.0		108000	108000					
n-Propylbenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		264000	264000					
o-Xylene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	80.5	<25.0	<25.0		434000	434000					
p-Isopropyltoluene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		162000	162000					
sec-Butylbenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		145000	145000					
tert-Butylbenzene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		183000	183000					
trans-1,2-Dichloroethene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0	58.8	1560000	1670000					
trans-1,3-Dichloropropene	ug/kg	<25.0	<25.0	<25.0	<25.0	<25.0	<29.8	<25.0	<25.0		1570000	1570000					
RCRA Metals (EPA 6010 & 7471)	**Units**																
Arsenic	mg/kg	6.4	5.6	7.1	4.4 J	5.6	5.9	3.0 J	7.0	58	61	2.4					
Barium	mg/kg	74.7	83.2	84.1	65.4	95.4	33.8	7.8	76.7	165	15300	100000					
Cadmium	mg/kg	<0.14	0.22 J	0.61	<0.15	0.21 J	0.35 J	0.14 J	0.50 J	.75	70	799					
Chromium	mg/kg	14.5	17.7	14.9	14.5	15.8	11.3	7.3	16.2	360000							
Lead	mg/kg	7.1	9.0	41.9	6.6	9.9	56.6	2.4	33.8	27	400	800					
Selenium	mg/kg	<1.4	<1.4	<1.5	<1.5	<1.4	<1.5	<1.3	<1.3	.52	391	5110					
Silver	mg/kg	<0.33	<0.34	<0.35	<0.35	<0.33	<0.34	<0.31	<0.32	.85	391	5110					
Mercury	mg/kg	<0.010	0.013 J	0.30	<0.011	0.015 J	0.060	<0.010	0.30	.21	3.1	3.1					
Polyaromatic Hydrocarbons (EPA 8270 by SIM)	**Units**																
1-Methylnaphthalene	ug/kg	<2.7	18.0 J	451	<2.8	<2.8	66.1	<2.6	1260 J		15600	53100			23000	1100000	70000000
2-Methylnaphthalene	ug/kg	<2.8	8.3 J	586	<2.8	<2.8	84.0	<2.6	1330 J		229000	2200000			20000	600000	40000000
Acenaphthene	ug/kg	<2.4	19.9	80.8 J	<2.5	<2.5	4.0 J	<2.3	476 J		3440000	33000000			38000	900000	60000000
Acenaphthylene	ug/kg	<2.4	38.2	2360	<2.4	3.9 J	14.5 J	<2.3	12400						700	18000	360000
Anthracene	ug/kg	<2.3	59.7	1750	<2.4	3.3 J	34.1	<2.2	8740	198000	17200000	100000000			3000000	5000000	300000000
Benzo(a)anthracene	ug/kg	2.9 J	46.7	4290	<2.5	7.2 J	65.5	2.7 J	15900		148	2110			17000	88	3900
Benzo(a)pyrene	ug/kg	<2.1	47.1	3120	<2.2	7.5 J	90.7	<2.0	15500	470	15	211			48000	8.8	390
Benzo(b)fluoranthene	ug/kg	<2.6	58.9	4310	<2.7	9.8 J	115	<2.5	16900	479	148	2110			360000	88	3900
Benzo(g,h,i)perylene	ug/kg	<3.3	35.5	2100	<3.4	7.1 J	94.2	<3.1	7210						6800000	1800	39000
Benzo(k)fluoranthene	ug/kg	<2.4	26.2	2140	<2.4	4.5 J	52.4	<2.3	7610		1480	21100			870000	880	39000
Chrysene	ug/kg	<3.5	55.7	5370	<3.6	7.8 J	86.3	<3.4	19300	145	14800	211000			37000	8800	390000
Dibenz(a,h)anthracene	ug/kg	<2.6	10.1 J	806	<2.6	<2.6	22.8	<2.5	2830		15	211			38000	8.8	390
Fluoranthene	ug/kg	<2.2	83.0	6950	<2.3	10.5 J	107	2.4 J	18800	88900	2290000	22000000			500000	600000	40000000
Fluorene	ug/kg	<2.3	24.9	506	<2.3	<2.3	5.3 J	<2.1	2660	14800	2290000	22000000			100000	600000	40000000
Indeno(1,2,3-cd)pyrene	ug/kg	<3.9	29.2	1950	<4.0	5.5 J	66.2	<3.7	6480		148	2110			680000	88	3900
Naphthalene	ug/kg	<1.8	16.9 J	1820	<1.9	4.3 J	62.2	2.0 J	1820 J	658	5150	26000		2700	400	20000	110000
Phenanthrene	ug/kg	<2.2	91.9	4410	<2.2	6.2 J	104	2.2 J	11800						1800	18000	390000
Pyrene	ug/kg	<2.8	96.9	8010	<2.8	10.7 J	93.9	2.9 J	26400	54100	1720000	16500000			8700000	560000	30000000

002-028 - Riverbend Stadium		EV-11B	EV-13A	EV-13B	EV-13C	EV-14A	EV-14B	EV-15A	EV-15B	(Id 1459) WI NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id 1598) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id 1571) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id 185) WI NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id 190) WI NR 746 Risk Screening	(Id 191) WI Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id 193) WI Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id 194) WI Generic Soil Cleanup Levels for PAHs Direct Contact Industrial
Date of Sample Collection:		2/25/2020	2/25/2020	2/25/2020	2/26/2020	2/25/2020	2/25/2020	2/25/2020	2/25/2020								
Time of Sample Collection:		1:40 PM	2:12 PM	2:20 PM	11:15 AM	2:53 PM	2:51 PM	3:17 PM	3:21 PM								
Pace Lab ID		40203996030	40203996032	40203996033	40203996006	40203996034	40203996035	40203996037	40203996038								
Percent Moisture (ASTM D2974-87)	**Units**																
Percent Moisture	%	24.3	13.60	13.80	20.70	14.00	13.30	12.10	10.60								
Volatile Organic Compounds (EPA 8260)	**Units**																
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	53.4	2590	12900					
1,1,1-Trichloroethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	140	640000	640000					
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	.2	753	3690					
1,1,2-Trichloroethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	3.2	1480	7340					
1,1-Dichloroethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	483	4720	23700					
1,1-Dichloroethene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	5	342000	1190000					
1,1-Dichloropropene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0								
1,2,3-Trichlorobenzene	ug/kg	<47.3	<1890	<59100	<189	<47.3	<47.3	<47.3	<47.3		48900	493000					
1,2,3-Trichloropropane	ug/kg	<37.4	<1500	<46800	<150	<37.4	<37.4	<37.4	<37.4	51.9	5	95					
1,2,4-Trichlorobenzene	ug/kg	<41.7	<1670	<52100	<167	<41.7	<41.7	<41.7	<41.7	408	22000	98700					
1,2,4-Trimethylbenzene	ug/kg	<25.0	1860 J	**92100**	888	35.4 J	<25.0	<25.0	34.1 J		**89800**	219000		**83000**			
1,2-Dibromo-3-chloropropane	ug/kg	<237	<9470	<296000	<947	<237	<237	<237	<237	2	8	99					
1,2-Dibromoethane (EDB)	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	.028	47	230					
1,2-Dichlorobenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	1170	376000	376000					
1,2-Dichloroethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	2.8	608	3030	4.9	600			
1,2-Dichloropropane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	3.3	1330	6620					
1,3,5-Trimethylbenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		182000	182000		11000			
1,3-Dichlorobenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	1150	297000	297000					
1,3-Dichloropropane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		1490000	1490000					
1,4-Dichlorobenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	144	3480	17500					
2,2-Dichloropropane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		527000	527000					
2-Chlorotoluene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		907000	907000					
4-Chlorotoluene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		253000	253000					
Benzene	ug/kg	<25.0	**3550**	**171000**	**1070**	**107**	**71.7**	<25.0	**68.0**	**5.1**	**1490**	**7410**	**5.5**	**8500**			
Bromobenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		354000	679000					
Bromochloromethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		232000	976000					
Bromodichloromethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	.3	390	1960					
Bromoform	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	2.3	61500	218000					
Bromomethane	ug/kg	<63.8	<2550	<79700	<255	<63.8	<63.8	<63.8	<63.8	5.1	10300	46000					
Carbon tetrachloride	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	3.9	854	4250					
Chlorobenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	136	392000	761000					
Chloroethane	ug/kg	<46.4	<1860	<58000	<186	<46.4	<46.4	<46.4	<46.4	227	2120000	2120000					
Chloroform	ug/kg	<47.5	<1900	<59400	<190	<47.5	<47.5	<47.5	<47.5	3.3	423	2130					
Chloromethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	15.5	171000	720000					
Dibromochloromethane	ug/kg	<229	<9160	<286000	<916	<229	<229	<229	<229	32	933	4400					
Dibromomethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		35000	151000					
Dichlorodifluoromethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	3090	135000	571000					
Diisopropyl ether	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		2260000	2260000					
Ethylbenzene	ug/kg	<25.0	**3310**	**75700 J**	**2690**	61.7 J	<25.0	<25.0	38.7 J	**1570**	**7470**	**37000**	**2900**	**4600**			
Hexachloro-1,3-butadiene	ug/kg	<68.7	<2750	<85900	<275	<68.7	<68.7	<68.7	<68.7		6220	22100					
Isopropylbenzene (Cumene)	ug/kg	<25.0	<1000	<31200	158 J	<25.0	<25.0	<25.0	<25.0		268000	268000					
Methyl-tert-butyl ether	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	27	59400	293000					
Methylene Chloride	ug/kg	<26.3	<1050	<32800	<105	<26.3	<26.3	<26.3	<26.3	2.6	60700	1070000					
Naphthalene	ug/kg	<27.3	**99600**	**3480000**	**25700**	**409**	330	<27.3	39.6 J	**658**	**5150**	**26000**		**2700**	**400**	**20000**	**110000**
Styrene	ug/kg	<25.0	<1000	**134000**	<100	<25.0	<25.0	<25.0	<25.0	**220**	867000	867000					
Tetrachloroethene	ug/kg	<38.7	<1550	<48400	<155	<38.7	<38.7	<38.7	<38.7	4.5	30700	153000					
Toluene	ug/kg	<25.0	**4770**	**278000**	<100	131	193	<25.0	256	**1110**	818000	818000	**1500**	**38000**			
Trichloroethene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	3.6	1260	8810					
Trichlorofluoromethane	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	4480	1120000	1230000					
Vinyl chloride	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	.1	67	2030					
cis-1,2-Dichloroethene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	41.2	156000	2040000					
cis-1,3-Dichloropropene	ug/kg	<42.3	<1690	<52800	<169	<42.3	<42.3	<42.3	<42.3		1220000	1220000					
m&p-Xylene	ug/kg	<50.0	2650 J	179000	635	113 J	<50.0	<50.0	94.5 J								
n-Butylbenzene	ug/kg	<30.0	<1200	<37500	<120	<30.0	<30.0	<30.0	<30.0		108000	108000					
n-Propylbenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		264000	264000					
o-Xylene	ug/kg	<25.0	2050 J	97400	228 J	56.4 J	<25.0	<25.0	51.9 J		434000	434000					
p-Isopropyltoluene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		162000	162000					
sec-Butylbenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		145000	145000					
tert-Butylbenzene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		183000	183000					
trans-1,2-Dichloroethene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0	58.8	1560000	1670000					
trans-1,3-Dichloropropene	ug/kg	<25.0	<1000	<31200	<100	<25.0	<25.0	<25.0	<25.0		1570000	1570000					
RCRA Metals (EPA 6010 & 7471)	**Units**																
Arsenic	mg/kg	**2.8 J**	**8.4 J**	**10.0**	**2.9 J**	**6.5**	**3.7 J**	**5.5**	**3.8 J**	**.58**	**.61**	**2.4**					
Barium	mg/kg	91.3	40.5	65.3	45.4	140	48.5	97.1	30.5	165	15300	100000					
Cadmium	mg/kg	0.36 J	**1.1**	**0.95**	0.23 J	0.26 J	0.38 J	0.19 J	0.30 J	**.75**	70	799					
Chromium	mg/kg	12.4	10.7	13.0	10.8	18.3	11.9	17.4	9.2	360000							
Lead	mg/kg	4.5	**65.0**	**254**	4.0	17.0	**41.6**	9.5	14.9	**27**	400	800					
Selenium	mg/kg	<1.6	<1.4	<1.5	<1.5	<1.5	<1.4	<1.5	<1.4	.52	391	5110					
Silver	mg/kg	<0.39	<0.33	<0.34	<0.35	<0.35	<0.33	<0.34	<0.32	.85	391	5110					
Mercury	mg/kg	<0.013	**0.48**	**0.29**	<0.013	0.17	**0.24**	0.022 J	0.043	**.21**	3.1	3.1					
Polyaromatic Hydrocarbons (EPA 8270 by SIM)	**Units**																
1-Methylnaphthalene	ug/kg	8.9 J	**70200**	**260000**	556	469	134	<2.8	46.8		**15600**	**53100**			**23000**	**1100000**	70000000
2-Methylnaphthalene	ug/kg	**8.8 J**	**72700**	**379000**	422	555	188	3.5 J	61.5		**229000**	2200000			**20000**	600000	40000000
Acenaphthene	ug/kg	107	**86200**	**46600 J**	344	167 J	32.8	<2.5	20.9		3440000	33000000			**38000**	900000	60000000
Acenaphthylene	ug/kg	242	**87700**	**143000 J**	**88.1 J**	**1680**	62.1	<2.4	21.3						**700**	**18000**	360000
Anthracene	ug/kg	21.1 J	**269000**	187000	192 J	1850	136	7.7 J	60.6	**198000**	17200000	100000000			3000000	5000000	300000000
Benzo(a)anthracene	ug/kg	**90.6**	**94700**	**93600 J**	**74.1 J**	**2380**	**260**	5.7 J	**206**		**148**	**2110**			**17000**	**88**	**3900**
Benzo(a)pyrene	ug/kg	**101**	**97500**	**70900 J**	**52.5 J**	**2490**	**251**	3.9 J	**336**	**470**	**15**	**211**			**48000**	**8.8**	**390**
Benzo(b)fluoranthene	ug/kg	**118**	**82100**	**60900 J**	**51.4 J**	**2610**	**332**	5.6 J	541	**479**	**148**	**2110**			**360000**	**88**	**3900**
Benzo(g,h,i)perylene	ug/kg	82.9	**44400**	**31800 J**	<37.0	1340	133	<3.3	215						6800000	**1800**	**39000**
Benzo(k)fluoranthene	ug/kg	66.8	**42000**	**39000 J**	31.9 J	**1080**	144	2.8 J	172		**1480**	**21100**			870000	**880**	**39000**
Chrysene	ug/kg	107	**103000**	**95900 J**	**83.2 J**	**2810**	**302**	5.7 J	**316**	**145**	**14800**	211000			**37000**	**8800**	390000
Dibenz(a,h)anthracene	ug/kg	**16.4 J**	**11700 J**	<19900	<29.2	**419**	**48.1**	<2.6	**77.5**		**15**	**211**			38000	**8.8**	**390**
Fluoranthene	ug/kg	202	**223000**	**179000**	149 J	4230	579	10.3 J	385	**88900**	2290000	22000000			500000	600000	40000000
Fluorene	ug/kg	90.3	**93800**	**130000 J**	163 J	711	57.6	2.5 J	24.6	**14800**	2290000	22000000			**100000**	600000	40000000
Indeno(1,2,3-cd)pyrene	ug/kg	63.1	**35600**	<29900	<43.9	**1130**	**127**	<4.0	**197**		**148**	**2110**			680000	**88**	**3900**
Naphthalene	ug/kg	26.1	**60200**	**1150000**	**4020**	**921**	260	7.6 J	59.3	**658**	**5150**	**26000**		**2700**	**400**	**20000**	**110000**
Phenanthrene	ug/kg	5.5 J	**342000**	**318000**	425	**3390**	462	12.4 J	228						**1800**	**18000**	390000
Pyrene	ug/kg	306	**267000**	**189000**	138 J	5190	448	8.3 J	285	**54100**	1720000	16500000			8700000	500000	30000000

002-028 - Riverbend Stadium		RV-16A	RV-16B	RV-17A	RV-18A	RV-18B	RV-19A	RV-19B	RV-20A	(Id 1459) WI NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id 1598) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id 1571) WI Nr. 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id 185) WI NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id 190) WI NR 746 Risk Screening	(Id 191) WI Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id 193) WI Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id 194) WI Generic Soil Cleanup Levels for PAHs Direct Contact Industrial
Date of Sample Collection:		2/25/2020	2/25/2020	2/25/2020	2/25/2020	2/25/2020	2/25/2020	2/25/2020	2/25/2020								
Time of Sample Collection:		12:50 PM	12:54 PM	1:35 PM	11:17 AM	11:18 AM	10:57 AM	11:03 AM	10:37 AM								
Pace Lab ID		40203996051	40203996053	40203996031	40203996048	40203996049	40203996046	40203996047	40203996044								
Percent Moisture (ASTM D2974-87)	**Units**																
Percent Moisture	%	15.1	20.00	21.00	17.40	17.00	12.90	14.40	8.60								
Volatile Organic Compounds (EPA 8260)	**Units**																
1,1,1,2-Tetrachloroethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	53.4	2590	12900					
1,1,1-Trichloroethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	140	640000	640000					
1,1,2,2-Tetrachloroethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	.2	753	3690					
1,1,2-Trichloroethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.2	1480	7340					
1,1-Dichloroethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	483	4720	23700					
1,1-Dichloroethene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	5	342000	1190000					
1,1-Dichloropropene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0								
1,2,3-Trichlorobenzene	ug/kg	<379	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3	<47.3		48900	493000					
1,2,3-Trichloropropane	ug/kg	<299	<37.4	<37.4	<37.4	<37.4	<37.4	<37.4	<37.4	51.9	5	95					
1,2,4-Trichlorobenzene	ug/kg	<333	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	<41.7	408	22000	98700					
1,2,4-Trimethylbenzene	ug/kg	3310	<25.0	84.7	<25.0	<25.0	89.6	<25.0	68.7		89800	219000		83000			
1,2-Dibromo-3-chloropropane	ug/kg	<1890	<237	<237	<237	<237	<237	<237	<237	2	8	99					
1,2-Dibromoethane (EDB)	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	.028	47	230					
1,2-Dichlorobenzene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1170	376000	376000					
1,2-Dichloroethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	2.8	608	3030	4.9	600			
1,2-Dichloropropane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.3	1330	6620					
1,3,5-Trimethylbenzene	ug/kg	1490	<25.0	46.0 J	<25.0	<25.0	40.4 J	<25.0	34.7 J		182000	182000		11000			
1,3-Dichlorobenzene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1150	297000	297000					
1,3-Dichloropropane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		1490000	1490000					
1,4-Dichlorobenzene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	144	3480	17500					
2,2-Dichloropropane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		527000	527000					
2-Chlorotoluene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		907000	907000					
4-Chlorotoluene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		253000	253000					
Benzene	ug/kg	<200	113	286	<25.0	<25.0	34.0 J	<25.0	<25.0	5.1	1490	7410	5.5	8500			
Bromobenzene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		354000	679000					
Bromochloromethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		232000	976000					
Bromodichloromethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	.3	390	1960					
Bromoform	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	2.3	61500	218000					
Bromomethane	ug/kg	<510	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	<63.8	5.1	10300	46000					
Carbon tetrachloride	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.9	854	4250					
Chlorobenzene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	136	392000	761000					
Chloroethane	ug/kg	<371	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	227	2120000	2120000					
Chloroform	ug/kg	<380	<47.5	<47.5	<47.5	<47.5	<47.5	<47.5	<47.5	3.3	423	2130					
Chloromethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	15.5	171000	720000					
Dibromochloromethane	ug/kg	<1830	<229	<229	<229	<229	<229	<229	<229	32	933	4400					
Dibromomethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		35900	151000					
Dichlorodifluoromethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3090	135000	571000					
Diisopropyl ether	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		2260000	2260000					
Ethylbenzene	ug/kg	438 J	<25.0	39.5 J	<25.0	<25.0	<25.0	<25.0	<25.0	1570	7470	37000	2900	4600			
Hexachloro-1,3-butadiene	ug/kg	<550	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7	<68.7		6220	22100					
Isopropylbenzene (Cumene)	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		268000	268000					
Methyl-tert-butyl ether	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	27	59400	293000					
Methylene Chloride	ug/kg	<210	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	<26.3	2.6	60700	1070000					
Naphthalene	ug/kg	59300	293	1470	<27.3	<27.3	143	<27.3	146	658	5150	26000		2700	400	20000	110000
Styrene	ug/kg	527 J	<25.0	47.0 J	<25.0	<25.0	<25.0	<25.0	<25.0	220	867000	867000					
Tetrachloroethene	ug/kg	<310	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	4.5	30700	153000					
Toluene	ug/kg	577	124	492	<25.0	<25.0	95.5	<25.0	<25.0	1110	818000	818000	1500	38000			
Trichloroethene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.6	1260	8810					
Trichlorofluoromethane	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	4480	1120000	1230000					
Vinyl chloride	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1	67	2030					
cis-1,2-Dichloroethene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	41.2	156000	2040000					
cis-1,3-Dichloropropene	ug/kg	<338	<42.3	<42.3	<42.3	<42.3	<42.3	<42.3	<42.3		1220000	1220000					
m&p-Xylene	ug/kg	1320	<50.0	203	<50.0	<50.0	103 J	<50.0	58.8 J								
n-Butylbenzene	ug/kg	<240	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	36.0 J		108000	108000					
n-Propylbenzene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		264000	264000					
o-Xylene	ug/kg	1520	<25.0	139	<25.0	<25.0	61.6 J	<25.0	47.2 J		434000	434000					
p-Isopropyltoluene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		162000	162000					
sec-Butylbenzene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	42.0 J		145000	145000					
tert-Butylbenzene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		183000	183000					
trans-1,2-Dichloroethene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	58.8	1560000	1670000					
trans-1,3-Dichloropropene	ug/kg	<200	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		1570000	1570000					
RCRA Metals (EPA 6010 & 7471)	**Units**																
Arsenic	mg/kg	10.0	5.3 J	9.4	11.9	3.7 J	6.6	4.6 J	5.6	.58	.61	2.4					
Barium	mg/kg	75.3	78.7	145	198	80.1	72.3	60.7	24.4	165	15300	100000					
Cadmium	mg/kg	0.66	0.42 J	1.2	5.0	1.5	1.3	0.30 J	0.62	.75	70	799					
Chromium	mg/kg	13.7	12.8	18.7	14.2	9.1	13.1	16.5	6.8	360000							
Lead	mg/kg	57.1	26.1	175	753	82.9	265	21.3	145	27	400	800					
Selenium	mg/kg	<1.5	<1.6	<1.6	<1.6	<1.6	<1.4	<1.5	<1.4	.52	391	5110					
Silver	mg/kg	<0.36	<0.37	<0.36	<0.37	<0.37	<0.34	<0.35	<0.32	.85	391	5110					
Mercury	mg/kg	0.33	0.53	1.3	0.23	0.039	0.098	0.040	0.13	.21	3.1	3.1					
Polyaromatic Hydrocarbons (EPA 8270 by SIM)	**Units**																
1-Methylnaphthalene	ug/kg	89400	228	1240 J	46.6 J	<2.9	241	9.6 J	157		15600	53100			23000	1100000	70000000
2-Methylnaphthalene	ug/kg	87300	307	1320 J	55.6 J	4.0 J	278	10.0 J	176		229000	2200000			20000	600000	40000000
Acenaphthene	ug/kg	12100	46.3 J	<274	37.7 J	<2.6	26.6	<2.5	7.8 J		3440000	33000000			38000	900000	60000000
Acenaphthylene	ug/kg	49600	690	5190	47.8 J	3.4 J	70.8	4.4 J	13.1 J						700	18000	360000
Anthracene	ug/kg	54900	491	4090	308	4.4 J	92.2	14.1 J	47.7	198000	17200000	100000000			3000000	5000000	300000000
Benzo(a)anthracene	ug/kg	56700	995	10200	714	21.5	409	38.4	120		148	2110			17000	88	3900
Benzo(a)pyrene	ug/kg	31500	1000	13500	947	23.8	446	50.2	118	470	15	211			48000	8.8	390
Benzo(b)fluoranthene	ug/kg	39300	1210	13500	1440	38.3	786	77.0	152	479	148	2110			360000	88	3900
Benzo(g,h,i)perylene	ug/kg	17600	717	8490	796	20.0 J	299	40.1	60.7						6800000	1800	39000
Benzo(k)fluoranthene	ug/kg	21000	500	5640	679	16.7 J	242	30.2	63.3		1480	21100			870000	880	39000
Chrysene	ug/kg	61800	1100	11800	1140	32.5	524	62.2	145	145	14800	211000			37000	8800	390000
Dibenz(a,h)anthracene	ug/kg	6450 J	198	2110 J	237	5.8 J	124	12.4 J	21.7		15	211			38000	8.8	390
Fluoranthene	ug/kg	128000	1580	17900	1310	40.7	720	65.5	216	88900	2290000	22000000			500000	600000	40000000
Fluorene	ug/kg	51400	123	1030 J	45.1 J	<2.4	27.9	<2.3	7.5 J	14800	2290000	22000000			100000	600000	40000000
Indeno(1,2,3-cd)pyrene	ug/kg	15400	599	6700	667	16.3 J	269	34.1	55.0		148	2110			680000	88	3900
Naphthalene	ug/kg	104000	503	2590	91.1 J	6.8 J	199	8.7 J	101	658	5150	26000		2700	400	20000	110000
Phenanthrene	ug/kg	243000	997	6840	619	19.7 J	671	38.5	284						1800	18000	390000
Pyrene	ug/kg	161000	1990	25100	982	33.0	489	56.7	184	54100	1720000	16500000			8700000	500000	30000000

002-028 - Riverbend Stadium		RV-20B	RV-21A	RV-21B
Date of Sample Collection:		2/25/2020	2/25/2020	2/25/2020
Time of Sample Collection:		10:37 AM	9:25 AM	9:30 AM
Pace Lab ID		40203996045	40203996041	40203996042
Percent Moisture (ASTM D2974-87)	**Units**			
Percent Moisture	%	8.5	11.00	11.10
Volatile Organic Compounds (EPA 8260)	**Units**			
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	<25.0	<25.0
1,1,1-Trichloroethane	ug/kg	<25.0	<25.0	<25.0
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	<25.0	<25.0
1,1,2-Trichloroethane	ug/kg	<25.0	<25.0	<25.0
1,1-Dichloroethane	ug/kg	<25.0	<25.0	<25.0
1,1-Dichloroethene	ug/kg	<25.0	<25.0	<25.0
1,1-Dichloropropene	ug/kg	<25.0	<25.0	<25.0
1,2,3-Trichlorobenzene	ug/kg	<47.3	<47.3	<47.3
1,2,3-Trichloropropane	ug/kg	<37.4	<37.4	<37.4
1,2,4-Trichlorobenzene	ug/kg	<41.7	<41.7	<41.7
1,2,4-Trimethylbenzene	ug/kg	<25.0	<25.0	<25.0
1,2-Dibromo-3-chloropropane	ug/kg	<237	<237	<237
1,2-Dibromoethane (EDB)	ug/kg	<25.0	<25.0	<25.0
1,2-Dichlorobenzene	ug/kg	<25.0	<25.0	<25.0
1,2-Dichloroethane	ug/kg	<25.0	<25.0	<25.0
1,2-Dichloropropane	ug/kg	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	ug/kg	<25.0	<25.0	<25.0
1,3-Dichlorobenzene	ug/kg	<25.0	<25.0	<25.0
1,3-Dichloropropane	ug/kg	<25.0	<25.0	<25.0
1,4-Dichlorobenzene	ug/kg	<25.0	<25.0	<25.0
2,2-Dichloropropane	ug/kg	<25.0	<25.0	<25.0
2-Chlorotoluene	ug/kg	<25.0	<25.0	<25.0
4-Chlorotoluene	ug/kg	<25.0	<25.0	<25.0
Benzene	ug/kg	<25.0	<25.0	**158**
Bromobenzene	ug/kg	<25.0	<25.0	<25.0
Bromochloromethane	ug/kg	<25.0	<25.0	<25.0
Bromodichloromethane	ug/kg	<25.0	<25.0	<25.0
Bromoform	ug/kg	<25.0	<25.0	<25.0
Bromomethane	ug/kg	<63.8	<63.8	<63.8
Carbon tetrachloride	ug/kg	<25.0	<25.0	<25.0
Chlorobenzene	ug/kg	<25.0	<25.0	<25.0
Chloroethane	ug/kg	<46.4	<46.4	<46.4
Chloroform	ug/kg	<47.5	<47.5	<47.5
Chloromethane	ug/kg	<25.0	<25.0	<25.0
Dibromochloromethane	ug/kg	<229	<229	<229
Dibromomethane	ug/kg	<25.0	<25.0	<25.0
Dichlorodifluoromethane	ug/kg	<25.0	<25.0	<25.0
Diisopropyl ether	ug/kg	<25.0	<25.0	<25.0
Ethylbenzene	ug/kg	<25.0	<25.0	62.5 J
Hexachloro-1,3-butadiene	ug/kg	<68.7	<68.7	<68.7
Isopropylbenzene (Cumene)	ug/kg	<25.0	<25.0	<25.0
Methyl-tert-butyl ether	ug/kg	<25.0	<25.0	<25.0
Methylene Chloride	ug/kg	<26.3	<26.3	<26.3
Naphthalene	ug/kg	<27.3	<27.3	<27.3
Styrene	ug/kg	<25.0	<25.0	<25.0
Tetrachloroethene	ug/kg	<38.7	<38.7	<38.7
Toluene	ug/kg	34.6 J	<25.0	547
Trichloroethene	ug/kg	<25.0	<25.0	<25.0
Trichlorofluoromethane	ug/kg	<25.0	<25.0	<25.0
Vinyl chloride	ug/kg	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	ug/kg	<25.0	<25.0	<25.0
cis-1,3-Dichloropropene	ug/kg	<42.3	<42.3	<42.3
m&p-Xylene	ug/kg	<50.0	<50.0	133 J
n-Butylbenzene	ug/kg	<30.0	<30.0	<30.0
n-Propylbenzene	ug/kg	<25.0	<25.0	<25.0
o-Xylene	ug/kg	<25.0	<25.0	42.1 J
p-Isopropyltoluene	ug/kg	<25.0	<25.0	<25.0
sec-Butylbenzene	ug/kg	<25.0	<25.0	<25.0
tert-Butylbenzene	ug/kg	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	ug/kg	<25.0	<25.0	<25.0
trans-1,3-Dichloropropene	ug/kg	<25.0	<25.0	<25.0
RCRA Metals (EPA 6010 & 7471)	**Units**			
Arsenic	mg/kg	**3.9 J**	**5.0 J**	**4.5 J**
Barium	mg/kg	40.4	23.3	19.8
Cadmium	mg/kg	0.48 J	0.26 J	<0.15
Chromium	mg/kg	7.4	9.7	20.0
Lead	mg/kg	**39.2**	8.9	14.3
Selenium	mg/kg	<1.4	<1.5	<1.5
Silver	mg/kg	<0.33	<0.34	<0.35
Mercury	mg/kg	0.13	<0.011	<0.011
Polyaromatic Hydrocarbons (EPA 8270 by SIM)	**Units**			
1-Methylnaphthalene	ug/kg	15.5 J	7.2 J	<2.7
2-Methylnaphthalene	ug/kg	19.4	7.8 J	3.6 J
Acenaphthene	ug/kg	2.6 J	13.2 J	<2.4
Acenaphthylene	ug/kg	17.1 J	3.9 J	<2.4
Anthracene	ug/kg	20.3	47.4	6.2 J
Benzo(a)anthracene	ug/kg	77.7	66.9	15.0 J
Benzo(a)pyrene	ug/kg	**86.6**	**61.4**	**12.8 J**
Benzo(b)fluoranthene	ug/kg	**96.5**	65.2	16.7 J
Benzo(g,h,i)perylene	ug/kg	42.4	30.4	8.9 J
Benzo(k)fluoranthene	ug/kg	52.5	37.6	6.7 J
Chrysene	ug/kg	77.6	69.1	14.7 J
Dibenz(a,h)anthracene	ug/kg	**15.2 J**	**9.2 J**	<2.6
Fluoranthene	ug/kg	128	155	29.2
Fluorene	ug/kg	3.0 J	12.7 J	<2.3
Indeno(1,2,3-cd)pyrene	ug/kg	40.9	27.9	6.8 J
Naphthalene	ug/kg	20.1	9.4 J	5.6 J
Phenanthrene	ug/kg	47.7	98.5	17.3 J
Pyrene	ug/kg	107	124	25.0

(Id 1459) WI NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id 1598) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id 1571) WI NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id 185) WI NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id 190) WI NR 746 Risk Screening	(Id 191) WI Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id 193) WI Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id 194) WI Generic Soil Cleanup Levels for PAHs Direct Contact Industrial
53.4	2590	12900					
140	640000	640000					
.2	753	3690					
3.2	1480	7340					
483	4720	23700					
5	342000	1190000					
	48900	493000					
51.9	5	95					
408	22000	98700					
	89800	219000		83000			
.2	8	99					
.028	47	230					
1170	376000	376000					
2.8	608	3030	4.9	600			
3.3	1330	6620					
	182000	182000		11000			
1150	297000	297000					
	1490000	1490000					
144	3480	17500					
	527000	527000					
	907000	907000					
	253000	253000					
5.1	1490	7410	**5.5**	8500			
	354000	679000					
	232000	976000					
.3	390	1960					
2.3	61500	218000					
5.1	10300	46000					
3.9	854	4250					
136	392000	761000					
227	2120000	2120000					
3.3	423	2130					
15.5	171000	720000					
32	933	4400					
	35000	151000					
3090	135000	571000					
	2260000	2260000					
1570	7470	37000	2900	4600			
	6220	22100					
	268000	268000					
27	59400	293000					
2.6	60700	1070000					
658	5150	26000		2700	400	20000	110000
220	867000	867000					
4.5	30700	153000					
1110	818000	818000	1500	38000			
3.6	1260	8810					
4480	1120000	1230000					
.1	67	2030					
41.2	156000	2040000					
	1220000	1220000					
	108000	108000					
	264000	264000					
	434000	434000					
	162000	162000					
	145000	145000					
	183000	183000					
58.8	1560000	1670000					
	1570000	1570000					
.58	**.61**	**2.4**					
165	15300	100000					
.75	70	799					
360000							
27	400	800					
.52	391	5110					
.85	391	5110					
.21	3.1	3.1					
	15600	53100			23000	1100000	70000000
	229000	2200000			20000	600000	40000000
	3440000	33000000			38000	900000	60000000
					700	18000	360000
198000	17200000	100000000			3000000	5000000	300000000
	148	2110			17000	88	3900
470	**15**	211			48000	**8.8**	390
479	148	2110			360000	**88**	3900
					6800000	1800	39000
	1480	21100			870000	880	39000
145	14800	211000			37000	8800	390000
	15	211			38000	**8.8**	390
88900	2290000	22000000			500000	600000	40000000
14800	2290000	22000000			100000	600000	40000000
	148	2110			680000	88	3900
658	5150	26000		2700	400	20000	110000
					1800	18000	390000
54100	1720000	16500000			8700000	500000	30000000

APPENDIX G

BROWNFIELD ENVIRONMENTAL ENGINEERING									
002-028 - Riverbend Stadium		EV-4W	EV-6W	EV-9W	EV-16W	EV-18W	EV-21W	(Id: 1152) WI NR 140 GW Quality Preventive Action Limits (Effective 12/1/12)	(Id: 1151) WI NR 140 GW Quality Enforcement Standards (Effective 12/1/12)
Date of Sample Collection:		2/26/2020	2/26/2020	2/26/2020	2/25/2020	2/25/2020	2/25/2020		
Time of Sample Collection:		12:46 PM	2:50 PM	11:46 AM	12:30 PM	11:35 AM	10:00 AM		
Pace Lab ID		40203996015	40203996028	40203996009	40203996053	40203996050	40203996043		
Volatile Organic Compounds (EPA 8260)	**Units**								
1,1,1,2-Tetrachloroethane	ug/L	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	7	70
1,1,1-Trichloroethane	ug/L	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	40	200
1,1,2,2-Tetrachloroethane	ug/L	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	.02	.2
1,1,2-Trichloroethane	ug/L	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	.5	5
1,1-Dichloroethane	ug/L	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	85	850
1,1-Dichloroethene	ug/L	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	.7	7
1,1-Dichloropropene	ug/L	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54		
1,2,3-Trichlorobenzene	ug/L	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2		
1,2,3-Trichloropropane	ug/L	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	12	60
1,2,4-Trichlorobenzene	ug/L	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	14	70
1,2,4-Trimethylbenzene	ug/L	<0.84	2.0 J	<0.84	<0.84	<0.84	<0.84	96	480
1,2-Dibromo-3-chloropropane	ug/L	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	.02	.2
1,2-Dibromoethane (EDB)	ug/L	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	.005	.05
1,2-Dichlorobenzene	ug/L	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	60	600
1,2-Dichloroethane	ug/L	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	.5	5
1,2-Dichloropropane	ug/L	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	.5	5
1,3,5-Trimethylbenzene	ug/L	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	96	480
1,3-Dichlorobenzene	ug/L	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	120	600
1,3-Dichloropropane	ug/L	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83		
1,4-Dichlorobenzene	ug/L	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	15	75
2,2-Dichloropropane	ug/L	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3		
2-Chlorotoluene	ug/L	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93		
4-Chlorotoluene	ug/L	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76		
Benzene	ug/L	**0.77 J**	**0.80 J**	**2.7**	0.32 J	**3.2**	**1.1**	**.5**	5
Bromobenzene	ug/L	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24		
Bromochloromethane	ug/L	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		
Bromodichloromethane	ug/L	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	.06	.6
Bromoform	ug/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	.44	4.4
Bromomethane	ug/L	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	1	10
Carbon tetrachloride	ug/L	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	.5	5
Chlorobenzene	ug/L	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	20	100
Chloroethane	ug/L	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	80	400
Chloroform	ug/L	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	.6	6
Chloromethane	ug/L	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	3	30
Dibromochloromethane	ug/L	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	6	60
Dibromomethane	ug/L	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94		
Dichlorodifluoromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	200	1000
Diisopropyl ether	ug/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9		
Ethylbenzene	ug/L	<0.32	0.86 J	0.58 J	<0.32	<0.32	<0.32	140	700
Hexachloro-1,3-butadiene	ug/L	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		
Isopropylbenzene (Cumene)	ug/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7		
Methyl-tert-butyl ether	ug/L	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	12	60
Methylene Chloride	ug/L	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	.5	5
Naphthalene	ug/L	<1.2	**63.2**	<1.2	1.2 J	<1.2	<1.2	**10**	100
Styrene	ug/L	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	10	100
Tetrachloroethene	ug/L	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	.5	5
Toluene	ug/L	0.36 J	1.9	1.8	<0.27	2.2	1.0	160	800
Trichloroethene	ug/L	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	.5	5
Trichlorofluoromethane	ug/L	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	698	3490
Vinyl chloride	ug/L	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	.02	.2
cis-1,2-Dichloroethene	ug/L	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	7	70
cis-1,3-Dichloropropene	ug/L	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	.04	.4
m&p-Xylene	ug/L	<0.47	1.6 J	<0.47	<0.47	<0.47	<0.47		
n-Butylbenzene	ug/L	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71		
n-Propylbenzene	ug/L	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81		
o-Xylene	ug/L	<0.26	1.0	<0.26	<0.26	<0.26	<0.26		
p-Isopropyltoluene	ug/L	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80		
sec-Butylbenzene	ug/L	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85		
tert-Butylbenzene	ug/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30		
trans-1,2-Dichloroethene	ug/L	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	20	100
trans-1,3-Dichloropropene	ug/L	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	.04	.4