

March 7, 2022

WI Department of Natural Resources
South Central Region Remediation & Re-Development
Attn: Janet DiMaggio, Hydrogeologist
3911 Fish Hatchery Road
Fitchburg, WI 53711

RE: Updated Cap Maintenance and Soil Management Plan
Riverbend Stadium, 217 Shirland Avenue, Beloit, WI 53511
BRRTS: 02-54-001302

Dear Ms. DiMaggio,

Brownfield Environmental Engineering Resources, LLC (Brownfield) has prepared this Updated Cap Maintenance and Soil Management Plan on behalf of the Riverbend Stadium Authority for the Riverbend Stadium located at 217 Shirland Avenue, Beloit, WI (the Site). The Updated Cap Maintenance and Soil Management Plan has been updated from the Arcadis, Inc. Cap Maintenance and Soil Management Plan that was included in the continuing obligations package for the Site. This document serves as the updated version of the Cap Maintenance and Soil Management Plan for the newly constructed Riverbend Stadium, also known as ABC Supply Stadium, located at 217 Shirland Avenue, Beloit, Wisconsin. The original Cap Maintenance and Soil Management Plan was prepared by Arcadis, Inc. as a part of the Final Case Closure for 111 Shirland Avenue, Beloit, WI (also known as 217 Shirland Avenue, Beloit, WI, formerly known as the WP&L Coal Gas Site).

This Updated Cap Maintenance and Soil Management Plan provides a summary of Brownfield's Phase II Environmental Site Assessment (ESA) investigation and remediation activities completed at the Site and a description of the procedures to be followed for the inspection and maintenance of the Engineered Barriers. A description of the procedures for modifying, repairing, or penetrating the Engineered Barriers is also included, with procedures for managing any residual impacted soil encountered during such activities.

The purpose of the updated Cap Maintenance Plan is to describe the procedures and controls that must be followed to maintain the function of the Engineered Barriers that are currently present on the Site. The Engineered Barriers should limit the direct contact exposure to the petroleum volatile organic compounds (PVOCs) and polyaromatic hydrocarbons (PAHs) in the soil as stated in the Arcadis, Inc. plan. Limited Phase II ESA investigation activities conducted on February 25th and 26th of 2020 by Brownfield identified volatile organic compounds (VOCs) that exceeded the Wisconsin Department of Natural Resources (WDNR) groundwater quality preventative action levels (PALs) in groundwater samples. Soil analytical results indicated that VOCs, PAHs, and metals exceeded WDNR residual contamination levels (RCLs). The Engineered Barriers on the Site include the following: the stadium buildings and permanent structures, sidewalks and paved surfaces for driving and parking,

green spaces and pervious areas with three (3) feet of clean fill/soil, and Synthetic Turf Athletic playing surface. An aerial photo depicting the locations of the Engineered Barriers is included as **Attachment 1**.

The purpose of the updated Soil Management Plan is to provide a procedure to characterize and manage soils excavated from the Site. Based upon previous and present soil investigations performed on the Site, significant contamination was found to be present throughout. Soils generated during excavation activities shall either be managed on-site or disposed off-site at a landfill. Based upon soil analytical data from the Brownfield Limited Phase II ESA, soil requiring disposal off-site is classified as non-hazardous based upon the Code of Federal Regulations, Chapter I, Subchapter I, Part 261, Subpart C, Part 261, Identification and Listing of Hazardous Waste.

The Brownfield Limited Phase II ESA investigation on February 25-26th, 2020 documented significant soil contamination at the Site. Exceedances of the NR 720 Direct Contact Industrial RCLs are documented in **Attachment 2**. "Direct contact," as defined by NR 720.03 (4) means, "human exposure to substances in soil through one or more of the following pathways: inhalation of particulate matter, dermal absorption, incidental ingestion, or inhalation of vapors from the soil." It is recommended that Engineering Controls and Institutional Control measures such as dust control and air monitoring with field instruments be implemented to manage any potential environmental risk of exposure potential to the Site workers, if Site development, repairs, or maintenance activities occur. A Site-Specific Health and Safety Plan should be implemented to protect workers from being exposed to hazardous substances that are known to be present at the Site.

A copy of this Updated Cap Maintenance and Soil Management Plan shall at all times be kept on file in the offices of: (1) the WDNR Southern Region; (2) the owner of the Site, its successors and assigns (hereinafter identified collectively as the "Owner"); and (3) the Site manager, if any. The Updated Cap Maintenance and Soil Management Plan shall be made available by the Owner to contractors, utilities and maintenance personnel, and any other public or private persons or entities authorized to perform work at the Site. The WDNR and its successor and assigns shall be notified of any activity which is not in accordance with this Updated Cap Maintenance and Soil Management Plan.

Overview of Site Conditions

The Site is located north of Shirland Avenue and approximately 750 feet west of US Route 2 in Beloit, Wisconsin. The Rock River runs adjacent to the west of the Site. The Site is bordered by the Rock River to the north and west, the Illinois-Wisconsin State line and Turtle Creek to the South, and mixed commercial lots and the Beloit Transfer Facility to the east. The Site consists of two parcels, which encompasses approximately 8 acres of land identified by parcel numbers 13540080 and 13540073.

Based on the Phase I ESA completed by Brownfield in 2020, the Site was originally developed in 1884 and was occupied by the Beloit Water, Gas & Electric Co., Standard Oil Co., and a railroad stockyard on the Site. Sanborn maps show the presence of a manufactured gas plant (MGP) operated by the Wisconsin Power & Light Co. from 1902 until 1948. The City of Beloit purchased the Site in two

phases (1956 and 1966) and constructed a wastewater treatment plant on the Site which operated until 1991. The wastewater treatment plant was eventually demolished in 1999, and the Site was redeveloped with green space, a roadway, and a riverfront park path. The Site was vacant and undeveloped from 1999 to 2020. The Site is currently developed as a minor-league baseball stadium known as ABC Supply Stadium.

According to the Arcadis, Inc. Cap Maintenance and Soil Management Plan, investigation activities initiated in the 1990s identified constituents in the soil and groundwater that were associated with historical operations and releases from the MGP. The detected constituents of interest included PVOCs and PAHs. A limited area of tar-affected soil was observed in the southern portion of the Site, following demolition of the buildings. With the exception of this area, the investigation did not identify discrete source areas. Rather, constituent concentrations are widely distributed across the Site and were diffusible in nature. Due to the diffusible nature of the identified constituents, Arcadis, Inc. developed a sitewide approach for remediation such as the use of natural attenuation to remediate dissolved-phase hydrocarbons in the groundwater, reducing direct contact exposure by utilizing Engineered Barriers, and targeted excavation and off-site disposal of tar-affected soil.

During the Brownfield Limited Phase II ESA, a total of twenty-one (21) soil borings were advanced 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. 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 installed at the Site. The collected soil samples were analyzed for VOCs, 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. Significant soil contamination was found to be present throughout the Site. Soil sample results are presented in a soil summary comparison table in **Attachment 3**. Groundwater analytical results from this investigation indicated that concentrations of VOCs were detected above the WI NR 140 PAL. The groundwater summary comparison table of the laboratory analytical data to WI NR 140 PAL and ES can be found in **Attachment 4**.

The redevelopment of the Site from an open green space to the ABC Supply Stadium commenced in July of 2020. The construction of the ABC Supply Stadium at the Site required site-wide redevelopment and soil disturbance. The clean soil Engineered Barrier that was placed in 2006 was stripped from the Site and properly disposed of at a clean fill site in Illinois. The previous Engineered Barrier topsoil was sampled by Brownfield to determine the level of contamination, if any, on July 16, 2020, prior to the hauling of soil off-site. The soils that were generated from rough grading,

installation of underground utilities, and excavation of footings were hauled and disposed of at Advanced Disposal's Mallard Ridge Landfill (now known as GFL Environmental's Mallard Ridge) in Delavan, WI. The Site currently consists of the stadium buildings and permanent structures, sidewalks and paved surfaces for driving and parking, green spaces and pervious areas with three (3) feet of clean fill/soil, and Synthetic Turf Athletic playing surface in place as the Engineered Barriers.

Required Activities:

Annual Inspections

The Engineered Barriers located throughout the Site shall be inspected at least annually by the Owner to ensure that the integrity of the Engineered Barriers are maintained and that no significant fissures, cracks or erosional features develop in the Engineered Barriers, which would allow uncontrolled contact with the underlying soil. Any disturbances of the Engineered Barriers or significant fissures, cracks or erosional features in the Engineered Barriers shall be noted. The Continuing Obligations Inspection and Maintenance Log (WDNR Form 4400-305) shall be utilized while observing the Engineered Barriers and is attached to this Updated Cap Maintenance and Soil Management Plan as **Attachment 5**. Upon completion of the inspection by the Owner, a brief report shall be prepared which identifies the date of the inspection, the individuals conducting the inspection, and any observed disturbances of the Engineered Barriers including any significant fissures, cracks or erosional features in the Engineered Barrier. A copy of the inspection report shall be maintained on file by the Owner and/or the Site manager.

Repairs to Engineered Barrier(s)

If during the annual inspection or other routine inspection the Engineered Barriers are observed to have been disturbed or significant fissures, cracks or erosional features are observed in the Engineered Barriers, the Owner shall arrange to have repairs made to such areas in a manner consistent with this Updated Cap Maintenance and Soil Management Plan. Such repairs shall be carried out within a reasonable period of time not to exceed one hundred twenty (120) days, subject to weather and seasonal considerations.

Allowed Activities:

The following allowed activities must comply with all listed requirements.

1. Landscaping Maintenance. Landscaping features may intrude through site-wide soil cap or other Engineered Barrier types. In the event the Owner desires to install trees, shrubs, fencing or retaining walls, or perform other landscaping, the following steps shall be taken:
 - a. The contractor performing the work shall be provided with a copy of this Updated Cap Maintenance and Soil Management Plan by the Owner and shall prepare a health and safety plan, appropriate for the work being performed.
 - b. Any impacted soils which are excavated shall be separated and segregated to the extent practicable so that they may be replaced upon completion of the work. Any such excavation of impacted soils shall be conducted in accordance with the health

and safety plan. All excavated impacted soils shall be, at a minimum, placed onto plastic sheeting and covered, or placed into a water-tight container such as a covered roll-off box.

- c. Upon completion of the work, previously excavated impacted soils may be backfilled. Any previously excavated impacted soils which are not backfilled or otherwise made a part of the cap shall be properly characterized and managed in accordance with state law with notice to the WDNR.
- d. A memorandum or report shall be prepared describing the work performed, identifying the person(s) performing the work, the date of the work, and confirming that the Updated Cap Maintenance and Soil Management Plan was adhered to in completion of the work. A copy of the report shall be kept on file by the Owner and the Site manager, if any, and shall be made available for inspection by the WDNR, upon reasonable notice, during the normal business hours.

2. Construction or Installation of Buildings, Structures or Other Improvements. Buildings, structures, or other improvements may be constructed or installed in the areas included in this Updated Cap Maintenance and Soil Management Plan using footings or other foundations which are placed into the impacted soils in the following manner:

- a. The contractor performing the work shall be provided with a copy of this Updated Cap Maintenance and Soil Management Plan by the Owner and shall prepare a health and safety plan, appropriate to the work being performed.
- b. All materials used in pavement or foundation shall not contain any hazardous substances. Any impacted soils which are excavated shall be separated and segregated to the extent practicable so that they may be replaced upon completion of the work. Any such excavation of impacted soils shall be conducted in accordance with the health and safety plan. All excavated impacted soils shall be, at a minimum, placed onto plastic sheeting and covered, or placed into a water-tight container such as a covered roll-off box.
- c. Upon completion of the work, previously excavated impacted soils may be backfilled. Any previously excavated impacted soils which are not backfilled or otherwise made a part of the cap shall be properly characterized and managed in accordance with state law with notice to the WDNR.
- d. A memorandum or report shall be prepared describing the work performed, identifying the person(s) performing the work and the date of the work, and confirming that the Updated Cap Maintenance and Soil Management Plan was adhered to in completion of the work. A copy of the report shall be kept on file by the Owner and the Site manager, if any, and shall be filed with the WDNR.

3. Replacement and Repair of Engineered Barriers. If it becomes necessary or desirable to replace or repair the Engineered Barriers, the repair or replacement shall be undertaken in the following manner:

- a. The contractor performing the work shall be provided with a copy of this Updated Cap Maintenance and Soil Management Plan by the Owner and shall prepare a health and safety plan, appropriate to the work being performed.
 - b. Any impacted soils which are excavated from beneath the Engineered Barriers shall be separated and segregated to the extent practicable so that they may be replaced upon completion of the work. Any such excavation of impacted soils shall be conducted in accordance with the health and safety plan, and all such excavated impacted soils shall be segregated and kept on site until completion of the work.
 - c. Upon completion of the work, previously excavated impacted soils may be placed back into the excavation. The area of the excavation shall be restored in a manner consistent with the original cap condition. Any previously excavated impacted soils which are not placed back in the excavation, or which is not otherwise made a part of the cap shall be properly characterized and managed in accordance with state law with notice to the WDNR.
 - d. A memorandum report shall be prepared describing the work performed, identifying the person(s) performing the work and the date of the work, and confirming that the Updated Cap Maintenance Plan was adhered to in completion of the work. A copy of the report shall be kept on file by the Owner and the Site manager (if any) and shall be filed with the WDNR.
4. Utility Installations or Repairs. No utility repairs or installation of new or replacement utilities shall be conducted in the areas included in this Updated Cap Maintenance and Soil Management Plan until after the utility and any contractor(s) for the utility have acknowledged receipt of a copy of this Updated Cap Maintenance and Soil Management Plan. The utility repairs or installation(s) shall be conducted in strict conformance with the standards set forth below with respect to excavations into and/or beneath the Engineered Barriers, such excavations are to be undertaken in the following manner:
- a. The contractor performing the work shall be provided with a copy of this Updated Cap Maintenance and Soil Management Plan by the Owner and shall prepare a health and safety plan, appropriate to the work being performed.
 - b. Any impacted soils which are excavated or clean fill above the impacted soils which are excavated, all for purposes of utility installation or repair, shall be separated and segregated to the extent practicable so that they may be replaced upon completion of the work.
 - c. Upon completion of such work, the impacted soils may be placed back into the excavation. Similarly, the clean fill above the impacted soils may be placed back into the excavation to bring the excavation back to grade. The area of the excavation shall be restored in a manner consistent with the original cap condition.
 - d. Any excavation of soils beneath the impacted soils shall be conducted in accordance with the health and safety plan. Any such soils excavated from beneath the impacted soils shall be segregated, property characterized and managed in accordance with state law with notice to the WDNR. Any other soils which have

been commingled, mixed or otherwise have come into contact with soils excavated from beneath impacted soils shall be properly characterized and managed in accordance with state law with notice to the WDNR. Provided, further, that any groundwater affected by such activities shall be managed in accordance with state law after notice to the WDNR.

- e. Clean fill used in connection with utility installation or construction shall not include any granular or porous material but may include low strength flowable fill or other fill with low hydraulic conductivity.
- f. The utility contractor shall prepare a memorandum report describing the work performed, identifying the person performing the work and the date of the work, and confirming that the Cap Maintenance and Soil Management Plan was adhered to in completion of the work. A copy of the report shall be kept on file with the utility, the Owner and the Site manager, if any, and shall be filed with the WDNR.

5. Subsurface Drilling Procedures and Requirements. During subsurface drilling activities in the areas included in this Updated Cap Maintenance and Soil Management Plan, drilling contractors shall at all times maintain compliance with the following requirements to ensure the integrity of the Engineered Barriers and to avoid any potential cross contamination of soils and groundwater:

- a. The contractor performing the work shall be provided with a copy of this Updated Cap Maintenance and Soil Management Plan by the Owner and shall prepare a health and safety plan, appropriate to the work being performed. The work shall be supervised on-site by a qualified engineer or geologist.
- b. All contractor personnel conducting or participating in work must be trained in hazardous site work as required by OSHA 29 CFR 1910.120 or its successor regulation. All soil sampling and drilling activities shall be conducted in accordance with ASTM D1586M-18 or its successor standard, and the specified environmental requirements contained in this document.
- c. All drill cuttings and water/drilling mud generated during completion of the boring shall be transferred to appropriate 55-gallon drums or other suitable containers for storage and shall be managed in accordance with state law.
- d. Following completion of the boring and sample collection, the borehole shall be properly abandoned, in accordance with state law, with a cement-based grout mixture pumped from the bottom of the boring to surface elevation concurrently with or prior to withdrawal of casing pipe.
- e. All drill casings, rods, samplers, tools, rig, and any equipment that comes in contact (directly or indirectly) with the subsurface soils and groundwater shall be steam cleaned on-site prior to set up for drilling. The same steam cleaning protocols shall be followed before leaving the Site following completion of work. Steam cleaning shall be conducted in such a manner as to collect and contain residuals (water and soil) to prevent surface soil contamination. Residuals shall be drummed and managed in accordance with state law.

- f. A memorandum report shall be prepared describing the work performed, identifying the person(s) performing the work, the date of the work, and confirming that this Updated Cap Maintenance and Soil Management Plan was adhered to in completion of the work. A copy of the report shall be kept on file by the Owner and the Site manager, if any, and shall be filed with the WDNR.

Request for Deviations

The Owner shall not conduct any activities at the Site, specifically in the areas included in this Updated Cap Maintenance and Soil Management Plan that are not in compliance with this Updated Cap Maintenance and Soil Management Plan unless written approval to do so is obtained from the WDNR.

Amendment or Withdrawal of Cap Maintenance Plan

This updated Cap Maintenance and Soil Management Plan can be amended or withdrawn by the Owner or its successors with written approval of the WDNR.

Contact Information (as of December 2021):

Site Owner and Operator:

City of Beloit
c/o Public Works/Engineering Department
2400 Springbrook Court
Beloit, WI 53511
(608) 364-6690

Site Lease Holder:

Riverbend Stadium Authority, Inc.
525 Third Street, Suite 300
Beloit, WI 53511
(608) 362-8981

Please let me know if you have any questions or need any additional information.

Sincerely,

Brownfield Environmental Engineering Resources, LLC



Bradley A. Brown, P.E.
Principal

Attachments:

1. Current Engineered Barrier Site Location Map
2. Brownfield Limited Phase II ESA Exceedances of the NR 720 Direct Contact Industrial RCLs Map
3. Brownfield Limited Phase II ESA Soil Summary Comparison Table
4. Brownfield Limited Phase II ESA Groundwater Summary Comparison Table
5. Continuing Obligations Inspection and Maintenance Log (WDNR Form 4400-305)

ATTACHMENT

1



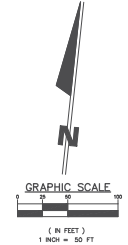
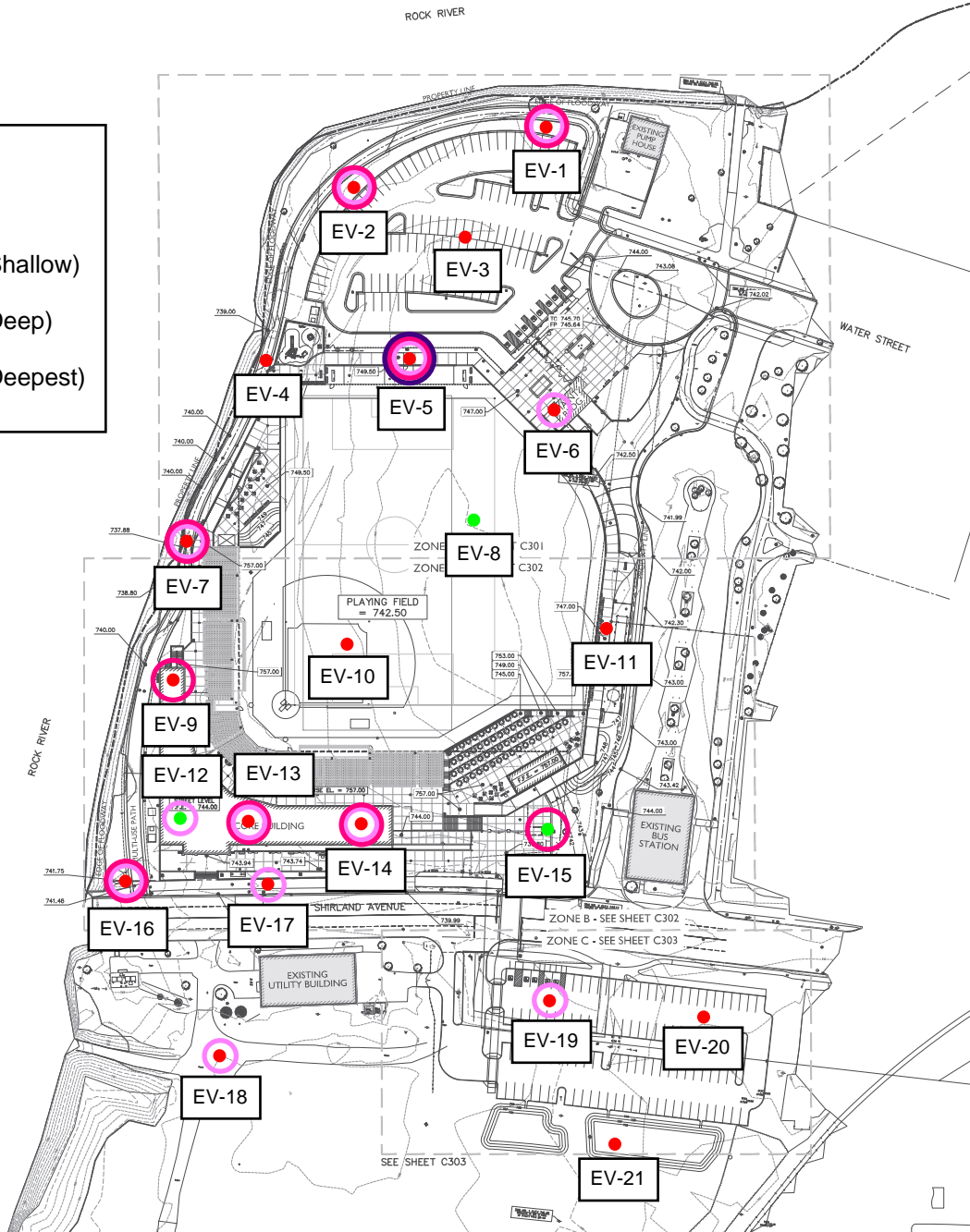
ATTACHMENT

2

LEGEND

- - - - - EXISTING GRADE
- - - - - PROPOSED GRADE
- PROPOSED CATCH BASIN/STORM INLET
- PROPOSED CATCH BASIN/STORM INLET
- PROPOSED STORM MANHOLE
- - - - - PROPOSED GRADE BREAK
- TC PROPOSED TOP OF CURB
- TW PROPOSED TOP OF WALL
- FP PROPOSED FINISHED PAVEMENT
- FG PROPOSED FINISHED GRADE
- PF PLATING FIELD
- PROPOSED UNDERGROUND STORMWATER STORAGE
- - - - - PROPOSED TRENCH DRAIN

- - Soil Boring (16 ft. bgs)
- - Soil Boring (24 ft. bgs)
- - Soil sample above Direct Contact Industrial RCL (Shallow)
- - Soil sample above Direct Contact Industrial RCL (Deep)
- - Soil sample above Direct Contact Industrial RCL (Deepest)



	PRELIMINARY FOR REVIEW PURPOSES ONLY
	JONES PETRIE RAFINSKI ENGINEERS, INC. 1000 W. WASHINGTON ST. MILWAUKEE, WI 53233
	RIVER BEND STADIUM 377 SHIRLAND AVENUE BELLEVUE, WISCONSIN 393 3RD STREET SUITE 300 BELLEVUE, WISCONSIN
	SHEET NO: C300 REVISIONS: AGC REVISED BY: SBR DRAWN BY: NSGD DATE: FEBRUARY 7, 2020 JOB NUMBER: 2019-0294 SCALE: 1"=50' C300

ATTACHMENT

3

BROWNFIELD ENVIRONMENTAL ENGINEERING

002-028 - Riverbend Stadium		EV-1A	EV-1B	EV-2A	EV-2B	EV-3A	EV-3B	EV-4A	EV-4B	(Id: 1459) W1 NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id: 1598) W1 NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id: 1571) W1 NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id: 185) W1 NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id: 190) W1 NR 746 Risk Screening	(Id: 191) W1 Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id: 193) W1 Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id: 194) W1 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								
Phase 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-Dichloropropene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7	5	342000	1190000					
1,2-Dichlorobenzene	ug/kg	<25.0	<25.0	<625	<625	<25.0	<25.0	<25.0	<28.7		48900	493000					
1,2,3-Trichlorobenzene	ug/kg	<47.3	<47.3	<1180	<1180	<47.3	<47.3	<47.3	<54.4		5	95					
1,2,3-Trichloropropane	ug/kg	<37.4	<37.4	<936	<936	<37.4	<37.4	<37.4	<43.0	51.9							
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	<25.0	<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										

002-028 - Riverbend Stadium		EV-5A	EV-5B	EV-5C	EV-6A	EV-6B	EV-7A	EV-7B	EV-8A	(Id: 1459) W1NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id: 1598) W1NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id: 1571) W1NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id: 185) W1NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id: 190) W1NR 746 Risk Screening	(Id: 191) W1 Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id: 193) W1 Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id: 194) W1 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	40203996011	40203996011	40203996001									
Percent Moisture (ASTM D2974-87)																		
Percent Moisture	Units	16.3	23.80	14.10	9.80	18.10	13.90	14.30	7.50									
Volatile Organic Compounds (EPA 8260)																		
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	<473	<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	81800	81800	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)																		
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</							

002-028 - Riverbend Stadium										EV-8B	EV-9A	EV-9B	EV-10A	EV-10B	EV-11A	EV-11B	EV-12A	(Id: 1459) W1NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id: 1598) W1NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id: 1571) W1NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id: 185) W1NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id: 190) W1NR 746 Risk Screening	(Id: 191) W1 Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id: 193) W1 Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id: 194) W1 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:										10:33 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	40203996004	40203996005	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	7340							
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	81800	81800	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							

002-028 - Riverbend Stadium		EV-12B	EV-13A	EV-13B	EV-13C	EV-14A	EV-14B	EV-15A	EV-15B	(Id: 1459) W1NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id: 1598) W1NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id: 1571) W1NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id: 185) W1NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id: 190) W1NR 746 Risk Screening	(Id: 191) W1 Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id: 193) W1 Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id: 194) W1 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:		1:03 PM	2:12 PM	2:20 PM	11:13 AM	2:53 PM	2:51 PM	3:17 PM	3:23 PM									
Pace Lab ID		40203996030	40203996032	40203996033	40203996006	40203996034	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	81800	81800	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																	

002-028 - Riverbend Stadium		EV-16A	EV-16B	EV-17A	EV-18A	EV-18B	EV-19A	EV-19B	EV-20A	(Id: 1459) W1NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id: 1598) W1NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id: 1571) W1NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id: 185) W1NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id: 190) W1NR 746 Risk Screening	(Id: 191) W1 Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id: 193) W1 Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id: 194) W1 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:		12:30 PM	12:34 PM	1:35 PM	11:17 AM	11:18 AM	10:57 AM	11:03 AM	10:37 AM								
Pace Lab ID		40203996051	40203996052	40203996031	40203996048	40203996049	40203996046	40203996047	40203996044								
Percent Moisture (ASTM D2974-87)																	
Percent Moisture	Units	15.1	20.00	21.00	17.40	17.00	12.90	14.40	8.60								
Volatile Organic Compounds (EPA 8260)																	
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		35000	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)																	
Arsenic	mg/kg	10.0	5.3 J	9.4	11.9	3.7 J	6.6	4.6 J	5.6	.58							

002-028 - Riverbend Stadium		EV-20B	EV-21A	EV-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) W1 NR 720 Soil to Groundwater Pathway (Effective 6/1/14)	(Id: 1598) W1 NR 720 Soil Cleanup Standards Table 2 Direct Contact Non-Industrial (Effective 1/1/2015)	(Id: 1571) W1 NR 720 Soil Cleanup Standards Table 2 Direct Contact Industrial (Effective 1/1/2015)	(Id: 185) W1 NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	(Id: 190) W1 NR 746 Risk Screening	(Id: 191) W1 Generic Soil Cleanup Levels for PAHs Groundwater Pathway	(Id: 193) W1 Generic Soil Cleanup Levels for PAHs Direct Contact Non-Industrial	(Id: 194) W1 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					
.2	89800	219000		83000			
.028	8	99					
1170	47	230					
2.8	376000	376000					
3.3	608	3030	4.9	600			
	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	

ATTACHMENT

4

ATTACHMENT

5

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records law [ss. 19.31-19.39, Wis. Stats.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

Activity (Site) Name	BRRTS No.
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Inspections are required to be conducted (see closure approval letter):

annually
 semi-annually
 other – specify _____

When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):

Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N

BRRTS No.

Activity (Site) Name

Continuing Obligations Inspection and Maintenance Log

Form 4400-305 (R 7/20)

Page 2 of 2

{Click to Add/Edit Image}

Date added:

Title:

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Date added:

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