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August 7, 2020

WDNR-Remediation and Redevelopment Program 2984 Shawano Avenue Green Bay, WI 54313

- Attn: Keld Lauridsen Hydrogeologist Keld.Lauridsen@Wisconsin.gov
- Re: NR 716 Site Investigation Work Plan BMO HARRIS BANK BRANCH 125 S. Chestnut Avenue Green Bay, Wisconsin WDNR BRRTS No. 02-05-585287 PSI Project No.: 00542126

Dear Mr. Lauridsen:

PSI has completed a Site Investigation Work Plan for the BMO Harris Bank Branch parcel located at 125 S. Chestnut Avenue, Green Bay, Wisconsin. The plan has been prepared in general accordance with NR 716. An electronic copy has been submitted to the WDNR.

Please contact PSI at (262) 521-2125 with any questions or comments you may have.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

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Patrick J. Patterson, P.E., P.G. Senior Engineer Environmental Services

Larry Raether, P.E. Department Manager Environmental Services

Enclosures

NR 716 SITE INVESTIGATION WORK PLAN

FOR:

BMO HARRIS BANK BRANCH 125 S. Chestnut Avenue, Green Bay Brown County, Wisconsin WDNR BRRTS No. 02-05-585287

PREPARED FOR:

BMO Harris Bank N.A. Jones Lang LaSalle Americas, Inc. 1200 E. Warrenville Road, 3B Naperville, IL 60563

PREPARED BY:

PROFESSIONAL SERVICE INDUSTRIES, INC. 821 Corporate Court Waukesha, WI 53189 Telephone (262) 521-2125

PSI PROJECT NO. 00542126

August 7, 2020





Patrick J. Patterson, P.E., P.G. Senior Engineer

Larry Raether, P.E. Department Manager

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1.0 INTRODUCTION

Professional Service Industries, Inc. (PSI) has prepared this Site Investigation Work Plan (SIWP) for the BMO Harris Bank Branch parcel located in Green Bay, Wisconsin, referred to herein as the "Subject Property." This SIWP has been prepared in general accordance with NR 716. Site information is included under this section.

- Site Name: BMO Harris Bank Branch
- Site Address: 125 S. Chestnut Avenue Green Bay, Wisconsin 54303

The Subject Property is geographically located in the Northeast ¼ of the Northwest ¼ of Section 36, in Township 24 North, Range 20 East, in the City of Green Bay, Brown County, State of Wisconsin. The location of the BMO Harris Bank Branch parcel is depicted on the attached Site Location Map. The general location of the Subject Property is shown on the Site Features Diagram, included herein.

WDNR BRRTS No:	02-05-585287
WDNR FID No:	ΝΑ
Property Owner:	BMO Harris Bank N.A.
RP Representative:	June Evans Vice President, Senior Manager CRE US Facility Management 111 W. Monroe Street Chicago, Illinois 60603 Telephone: (630) 981-1538 E-mail address: june.evans@bmo.com
RP Contact:	Joaquin Camacho Regional Engineering Manager/EH&S Manager Jones Lang LaSalle Americas, Inc. 1200 E. Warrenville Road, 3B Naperville, Illinois 60563 Telephone: (847) 878-3419 E-mail address: joaquin.camacho@bmo.com
Consultant:	Patrick J. Patterson, P.E., P.G. Project Manager Professional Service Industries, Inc. 821 Corporate Court Waukesha, WI 53189 Telephone: (262) 521-2125 Email address: patrick.patterson@intertek.com



1.1 PROJECT BACKGROUND

The Subject Property consists of three parcels, totaling approximate 0.6-acres. These parcels are zoned as commercial and have addresses of 117 and 125 S. Chestnut Avenue and 412 Howard Street in the City of Green Bay, Wisconsin. A vacant rectangular commercial structure is situated in the northern quarter of the Subject Property and it is understood that a dry cleaner formerly occupied a portion of the building. A small vacant commercial structure is situated in the southern quarter of the Subject Property and was used as a drive-thru bank. Asphalt parking areas are present generally between these buildings. Landscaped areas are located around the southern building and along the property lines.

The surrounding properties are generally occupied by commercial and residential properties and a school building. The Fox River is situated about 700 feet to the east of the Subject Property and flows to the north into Green Bay. The general location of the Subject Property is shown on the Site Location Map in the Appendix. A diagram showing the general site features is also included in the Appendix.

It is understood that during April 2019, Tetra Tech completed a Phase I ESA of the Subject Property. According to their Phase I ESA report, prior to BMO's ownership, multiple small commercial businesses operated on the Property from the 1890s to 1986. These businesses included an automotive repair facility, dry cleaner, bank, and post office. Results of the Phase I ESA identified recognized environmental conditions (RECs) associated with the Property. The RECs consisted of: the historical use of the Subject Property as a dry cleaner over 30 years; the historical use of the Property as a commercial auto shop; the suspected presence of UST based on site reconnaissance; and the potential for soil and groundwater contamination from historic service stations and USTs on adjacent parcels.

During May and June 2019, Stantec Consulting Services Inc. (Stantec) completed a Phase II ESA on behalf of the City of Green Bay. During their Phase II ESA, nine soil borings (B-100 through B-900) were advanced at the Site with temporary groundwater monitoring wells constructed in four of the borings (TW-100, TW-600 TW-700 and TW-800). Eight of these borings were performed in the northeastern portion of the Subject Property, generally around the area of the dry cleaner. The other boring (B-700) was placed in the southeast corner of the Subject Property. In addition, two sub-slab vapor monitoring points were also installed within the Site building at 117 South Chestnut Avenue where the dry cleaner was located. Soil, groundwater and vapor samples were collected and tested for the presence of VOCs, PAHs, and RCRA Metals.

Stantec's laboratory analysis of soil samples detected multiple polynuclear aromatic hydrocarbons (PAHs), silver, and tetrachloroethene (PCE) exceeding the NR720 residual contaminant levels (RCLs) for groundwater protection and/or non-industrial direct contact. Stantec indicated that the PAH and silver detections are likely related to historic urban fill since contaminant concentrations generally decrease when native soils are encountered. They indicated that the PCE detections on the Site are likely related to the former drycleaner which historically operated on the Property identified in Tetra Tech's Phase I ESA. Stantec's laboratory analysis of groundwater samples collected from their temporary wells detected multiple RCRA metals and PCE exceeding their respective NR140 Preventive Action Limits (PALs). Multiple PAHs and vinyl chloride were also detected exceeding their respective NR140 Enforcement Standards (ESs). Sub-slab soil vapor analysis was performed on samples collected from the interior vapor points. Tetrachloroethene (PCE) was detected in both samples but below the target for sub-slab air concentrations. No other VOCs were detected above target limits for sub-slab air concentrations. Stantec indicated that the Phase II findings needed to be reported to the WDNR and additional site investigation would be required. The Stantec soil probes/borings are included on the attached Probe



Location Diagram-Stantec. The Stantec test results are included on the attached Stantec soil and water tables.

PSI was retained to perform additional site investigative services and notify the WDNR of the encountered contamination on February 7, 2020. On July 16, 2020, following approval, nine soil probes (SP-1 through SP-9) were placed on the Subject Property to evaluate the soil for the presence of petroleum and chlorinated contamination. Following soil sample collection, six of the borings were converted to groundwater monitoring wells to evaluate the groundwater for the presence of petroleum and chlorinated contamination. Three probes (SP-2, SP-3, and SP-4) and one well (MW-1) were placed in the southeast corner, while the other borings/wells were placed in the area of the former dry cleaner. Based upon the Stantec results, collected soil samples from the borings placed near the former dry cleaner were tested for the presence of VOCs, PAHs and Silver, while the samples collected from the borings placed near the southeast corner were tested for the presence of PAHs and Silver. Due to site conditions of shallow groundwater and previous sample collection depths, these soil samples were generally collected from the upper 5 feet. The PSI soil probes/wells are included on the attached Probe and Well Location Diagram.

No VOCs or Silver were detected above their limit of detection (LOD) in the selected soil samples, except for a laboratory estimated value for Silver that was below NR720 soil quality standards. Several PAHs were detected in the collected soil samples. However, only a few of the detected PAHs were above their NR720 soil quality standards. These compounds consisted of Benzo(a)pyrene, Benzo(b)fluoranthene, and Chrysene and were present in the soil samples collected near the northeastern corner of the northern building (SP-4) and in a soil sample collected in the southeast property corner (SP-3) near Howard Street. These concentrations are included on the attached soil analytical results table.

Following the well installation activities, the wells were developed in accordance with WDNR development procedures and subsequently sampled on July 17, 2020. Collected groundwater samples were tested for the presence of VOCs, PAHs and RCRA Metals.

Only low levels of several PAHs, with the majority indicated as laboratory estimates, were detected within the collected samples with only one estimated concentration slightly above its NR140 groundwater quality standard. Barium was detected in the water samples with two concentrations above its NR140 PAL, but below its NR140 ES. VOCs were detected in the collected groundwater samples. Vinyl Chloride was detected in four of the samples above its NR140 ES. Several other chlorinated VOCs consisting of PCE, Trichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichlorobenzene, and 1,2-Dichloropropane and Benzene were detected above NR140 standards. Several of these levels were indicated to be laboratory estimated values. These concentrations are included on the attached groundwater analytical results table.

Because of the encountered soil contamination in the area of the southeast corner and near the northeast corner of the northern building and the presence of chlorinated compounds in the groundwater, it was recommended that additional investigative activities be performed to further evaluate the degree and extent of the PAH-impacted soils encountered in the northeast and the southeast corners of the Subject Property. It was also recommended that additional investigative activities be performed to further evaluate the degree and extent of the norther evaluate the degree and extent of the southeast corners of the subject Property. It was also recommended that additional investigative activities be performed to further evaluate the degree and extent of the chlorinated-impacted groundwater contamination to the north of the northeast building corner of the northern building, within



the eastern alleyway, and to the south of the southeast building corner of the northern building. Further, due to the type of contamination, a piezometer is recommended to be installed near the southeast corner of the northern building to evaluate the deeper groundwater aquifer for the presence of chlorinated compounds. This SIWP has been prepared for the recommended next phase of investigation. Due to time constraints because of a pending property transaction, a SIWP for the initial wells and probes was not prepared prior to the field activities performed in July 2020.

2.0 PHYSIOGRAPHICAL AND GEOLOGICAL SETTING

2.1 LOCATION OF THE SUBJECT PROPERTY

PSI reviewed the United States Geological Survey (USGS) Green Bay West Quadrangle Map, dated 1992, showing the area of the Subject Property. According to the contour lines on the topographic map, it is located at approximately 590 feet above mean sea level (MSL). The contour lines around the Project Area indicate that the area is generally flat with a slight slope to the east. The nearest water body is the Fox River to the east. The site location is shown on the Site Location Map included in the Appendix.

2.2 PHYSICAL CHARACTERISTICS OF THE SUBJECT PROPERTY

Quaternary Deposits & Geomorphology

Based on PSI's review of the "Soil Survey of Brown County, Wisconsin" publication by the United States Department of Agriculture (USDA) Soil Conservation Service (issued June 1972), the area around the Subject Property is indicated to be within a "Fill Land", which is along the Fox River. This soil series consists of variable soils that are classified as somewhat excessively and well drained soil. The underlying natural soils are anticipated to be The Manawa Silty Clay Loam soils, which is somewhat poorly drained soils.

Hydrogeology

The hydraulic conductivity of the fill land is highly variable. The estimated hydraulic conductivity within the underlying Manawa Silty Clay Loam series within this area of Wisconsin is generally a moderately low permeable material ($\leq 1 \times 10^{-6}$ cm/sec). This is consistent with the subsurface soils encountered within the completed soil probes placed on the Subject Property, which were variable thicknesses of the fill material overlying the native clayey soils to the maximum depths explored. Based upon previous field collected data, the groundwater flow direction is to the northeast towards the Fox River and Green Bay (Lake Michigan).

Surface Drainage

Surface drainage is to the east towards the Fox River. The surface water drainage at the Subject Property lies within the Lake Michigan Watershed.

Potential Migration Pathways

The soil contamination detected in isolated areas of the Subject Property does not appear to be an issue regarding potential migration pathways since the detected PAH compounds are relatively immobile and generally utilities are not present in the area of the soil contamination. Chlorinated-impacted groundwater contamination was detected in several samples collected from the wells placed in the northern portion of the Subject Property. It is anticipated that a potential migration pathway is present



in the eastern property boundary of the Subject Property and potentially consist of a stormwater utility line present in the eastern alley roadway.

Soil Conditions

The surface material at probe locations generally consisted of about 3 inches of asphalt overlying granular base course fill material or about 6 inches of topsoil fill material. The underlying fill material consisted of silty sand to sandy silt and silty clay to sandy clay to depths of about 4 to 7 feet below grade. The underlying natural soils encountered beneath the fill material consisted generally of reddish-brown silty clay with variable sand seams to the termination depths of about 5 to 15 feet below grade. Solvent-like and petroleum-like odors were observed within soil samples collected from several of the Stantec probes/borings at depths between about 2 to about 8 feet below grade. No petroleum odors were observed within the soil samples collected from the remaining Stantec probes/borings or the soil samples collected from the PSI probes/borings.

Shallow Groundwater Conditions

On August 3, 2020, groundwater levels were measured within the monitoring wells at depths of about 3.8 to 9.8 feet below the ground surface. Based upon the groundwater levels and surrounding surface features, the regional shallow groundwater flow direction is easterly/southeasterly towards the Fox River. No obvious odors or petroleum sheen were observed in the samples collected from the wells.

3.0 SAMPLING AND ANALYSIS STRATEGY

3.1 SCOPE OF WORK

The general proposed scope of work will consist of the following activities: the placement of four additional soil borings around SP-3; the placement of four additional soil borings around SP9; the collection of soil samples from these borings and laboratory analysis of selected soil samples for the presence of PAHs; the installation of groundwater wells to the north of MW-6, to the south of MW-3 and to the southeast of MW-4; the installation of a piezometer in the vicinity of MW-3; the collection of water samples from the three new wells and piezometer; laboratory analysis of water samples for the presence of chlorinated solvent contaminants; and data analysis and interpretation. Following data evaluation, and if favorable test results are received, a Site Investigation Report will be prepared.

- Four 5-foot borings will be placed around SP-3 and three 5-foot borings and one 10-foot boring will be placed around SP-9. Soil samples will be continuously collected to the maximum depth explored. Representative samples will be obtained from the borings with a split-spoon sampler that will be decontaminated between sampling with Alconox and clean rinse water. Companion soil samples will be collected for laboratory analysis.
- 2. The collected soil samples will be field screened with a PID to monitor for the presence of volatile organic vapors.
- 3. Excess soil will be placed into drums for future disposal.



- 4. One selected soil sample will be collected from the borings and will be submitted to a laboratory to test for the presence of PAHs (EPA 8270). It is anticipated that these soil samples will be collected between 1 foot to 10 feet below grade.
- 5. Following the soil sampling activities and boring procedures, three additional NR141-compliant groundwater monitoring wells will be installed to a depth of about 13 to 15 feet below grade to further evaluate the presence of chlorinated VOCs. These wells will be installed with 4" hollow stem augers. The groundwater monitoring wells will be installed in general accordance with WDNR procedures set forth in Chapter NR141. The well construction will consist of a 10-foot section of 2-inch diameter, Schedule 40 PVC screen with 0.010 inch factory cut slots and 2-inch diameter Schedule 40 PVC flush threaded riser pipe extending to about 6 inches below the ground surface. A steel protective flush mount cover will be placed over the top of each PVC riser pipe. Clean sand backfill will be utilized as a filter medium around the screened PVC to a level about two feet above the top of the screened section. The sand backfill will be placed into the annular space between the auger and PVC during progressive withdrawal of the auger. Bentonite chips will fill the annular space above the sand filter. The cover will be concreted in the surrounding pavement.
- 6. The new wells will be developed in accordance with WDNR requirements and samples collected from these wells along with the other five existing wells will be tested for the presence of VOCs (EPA 8260). Development water will be placed into drums for future disposal.
- 7. If contaminants are detected within the submitted soil and/or groundwater samples above WDNR quality standards, additional sampling activities may be required. It is anticipated that at least three additional groundwater sampling events will be required to be performed. Additional site investigation activities may be necessary based upon collected field data and analytical test results.
- 8. PSI will prepare an SIR/RAOR following the completion of the appropriate number of groundwater sampling events. If the subsequent field and analytical test results are favorable, the completed SIR/RAOR will be submitted to the WDNR for their review.

3.2 QUALITY ASSURANCE/QUALITY CONTROL MEASURES

All equipment decontamination, sample collection, sample custody records, and analysis will be performed in general accordance with methods prescribed by the United States EPA and the WDNR.

The soil sampling device and tools will be cleaned with an Alconox and potable water wash and rinsed with potable water between each sample interval. A decontaminated split spoon sampler will be used to collect the samples. Groundwater samples will be collected with disposal bailers. The soil and groundwater samples from the borings and wells will be handled with disposable Nitrile gloves during initial collection, and when placed into laboratory jars. These procedures will be performed to reduce the potential for cross-contamination between sample locations.

Because of previous analytical test results, the selected soil and groundwater samples will be submitted to an analytical laboratory to test for the presence of PAHs (EPA 8270) and VOCs (EPA 8260), respectively. The selected soil and groundwater samples will be placed within clean laboratory provided jars that are appropriately preserved. The samples will be placed on ice, chain of custody procedures initiated, and they will be submitted to a WDNR-licensed laboratory.



4.0 GENERAL

4.1 SCHEDULE

It is anticipated that the initial field activities will be performed in August/September 2020, following WDNR approval. Assuming no significant delays in the project and the analytical test results are favorable, work of this nature can usually be completed within one to two months. If warranted, quarterly groundwater sampling will then proceed. We anticipate that at least 3 rounds of quarterly sampling will be performed prior to case closure submittal.

4.2 UTILITIES

The subcontractor will contact Diggers Hotline for public utility clearance prior to the start of probing activities. This service does not mark the locations of privately-owned utilities, including lateral water and sewer lines; therefore, PSI will also subcontract a locating firm for marking private utilities.

4.3 **RESPONSIBILITIES & PROJECT COORDINATION**

The client is responsible for obtaining access to the Subject Property for PSI and their subcontractors to perform the work.

4.4 SUBMITTAL CERTIFICATION

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

8/7/2020

Signature and Title

Date





SITE FEATURES DIAGRAM PSI Project No. 00542126





PROBE LOCATION DIAGRAM-STANTEC

PSI Project No. 00542126





PROBE & WELL LOCATION DIAGRAM-PSI PSI Project #00542126





PROBE & WELL LOCATION DIAGRAM-PSI PSI Project #00542126



Table 2a Soil Sample RCRA Metals Laboratory Results, BMO Properties, Green Bay, Wisconsin

			Sample				La	boratory Res	ult (mg/kg)			
								RCRA M	ətals			
Boring Number	Sample Number	Depth (fbg)	Soil Description	Date Collected	Arsenic (total)	Barlum	Cadmium	Chromlum	Lead (total)	Mercury	Selenium	Silver
	WONE	RCL for Pr	Nection from Direct Contact Pick	Non-Industrial	8* [0.677]	15,300	71.1	NE	400	3.13	391	391
	, ion	NOL IOI III		Industrial	8* [3.00]	100,000	985	NE	800	3.13	5,840	5,840
		WD	NR RCL for Protection of Groundwater		8* [0.584]	364* [164.8]	1* [0.752]	360,000	52* [27]	0.208	0.52	0.849
			Background Threshold Value (BTV)		8	364	1	44	52	NE	NE	NE
B100	B1 (2-4)	2-4	Sandy Silt	5/28/2019	1.7	38	0.20 J	8.4	32	0.037	< 0.65	1.5
B200	B2 (4-6)	4-6	Silty Clay	5/28/2019	3.3	96	0.16 J	32	8.8	0.019 J	< 0.72	4.8
B500	85 (2-4)	2-4	Silty Clay w/ Black Fill	5/28/2019	3.7	100	0.15 J	29	9.0	0.024	0.75 J	4.7
B700	B7 (0-2)	0-2	Sand w/ Gravel	5/28/2019	5.3	25	0.22	ц	28	0.080	< 0.59	1.2
B800	B8 (2-4)	2-4	Sand w/ Gravel	5/28/2019	2.7	69	0.14 J	24	5.3	0.021	< 0.71	3.6

Key:

RCRA = Resource Conservation and Recovery Act

= compound not detected to a detection limit of x <x

XXX = exceeds WDNR Non-Industrial RCL for direct contact risk

xxx = exceeds WDNR Industrial RCL for direct contact risk

XXX = exceeds WDNR RCL for protection of groundwater

mg/kg = milligram per kilogram

NE = not established by WAC (Wis. Adm. Code) or WDNR Soil RCL Summary Table

"J" = analyte detected between the limit of detection and limit of quantification

RCL = residual contaminant level

= feet below ground fbg

Notes:

WDNR soil RCL Summary table (December 2018) used to establish RCLs for groundwater protection and direct contact.

For the purpose of this evaluation under ch. NR 700, background threshold values are being considered as representative of background conditions.

However, constituent concentrations less than background threshold values may represent a potential health risk if concentrations are greater than health-based standards.

Table 2b	Soil Sample Polynuclear Aromatic Hydrocarbon Laboratory Results, BMO Properties,	Green Bay, Wisconsin

												PAH Cor	mpound Lab	oratory Res	alt (µg/kg)							
Boting Number	Sample Number	Depth (fbg)	Soil Description	Date Collected	Acenaphihene	Acenaphthylene	Anihracene	Benzo(a) anthracene	Benzo(a)pyrene	Benzo(b) fluoranthene	Benzo(g.h.l) perviene	Benzo(k) fluoranthene	Claysene	Dibenzo(a,h) anthrancene	Ruoranthene	Fluorene	Indeno(1,2,3- cd)pyrene	1-Methyl naphthalene	2-Methyl naphthalene	Naphthalene	Phenanttrene	Pyrene
	WDM		rotactice from Direct Contact Rid	Non-Industrial	3,590,000	NE	17,900,000	1.140	115	1,150	NE	11.500	115.000	115	2.290,000	2,390,000	1,150	17,600	239,000	5,520	NE	1,790,000
	TO:	A NOLIGIN	one for the condense	Industrial	45,200,000	NE	100,000,000	20,800	2,110	21,100	NE	211,000	2,110,000	2,110	30,100,000	30,100.000	21,100	72,700	3,010,000	24,100	NE	22,600,000
		WDN	R RCL for Protection of Groundwater		NE	NE	196,900	NE	470	478.	NE	NE	144	NE	88,877	14.829	NE	NE	NE	658	NE	54,545
8100	B1 {2-4}	2-4	Sandy Sit	5/28/2019	140	15 J	350	1,300	1,400	2,200	620	750	1,300	190	2,500	120	570	61 J	t 03	65	1,400	2,300
8200	82 (4-6)	4-6	Silty Clay	5/28/2019	< 7.4	< 5.4	< 6.9	< 5.5	< 7.9	< 8.9	< 13	< 8.9	< 11	< 7.9	< 7.6	< 5.8	< 11	< 10	< 7.6	28 J	< 5.7	< 8.2
8500	85 (2-4)	2-4	Silty Clay w/ Black Fil	5/28/2019	< 7.1	< 5.2	< 6.6	9.1 J	16 J	16 J	< 13	< 12	<11	< 7.6	13 J	< 5.6	< 10	< 9.7	< 7.3	< 6.1	< 5.5	16 J
8700	87 (0-2)	0-2	Sand w/ Gravel	5/28/2019	36 J	8.8 J	120	480	490	770	300	300	560	80	1,400	41	260	10 J	12 J	9.0 J	770	1,100
8500	BB (2-4)	2-4	Sand w/ Gravel	5/28/2019	< 7.4	< 5.4	< 6.9	< 5.5	9.7 J	< 8.9	< 3	< 12	<11	< 8.0	< 7.6	< 5.8	<11	< 10	< 7.6	< 6.3	< 5.7	< 8.2

Key:

 q.
 = compound not detected to a detection limit of a

 XXX
 = exceedi XVRR Non-Industrial RCL for direct contractrisk

 XXX
 = exceedi XVRR Non-Industrial RCL for direct contractrisk

 XXX
 = exceedi XVRR Non-Industrial RCL for direct contractrisk

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 = exceedi XVRR Non-Industrial RCL for direct contractrisk

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 = exceedi XVRR Non-Industrial RCL for direction of groundwater

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 = exceedi XVRR Non-Industrial RCL for direction of groundwater

 xxX
 = feet below ground

WDNR soil RCL Summary table (December 2018) used to establish RCLs for groundwater protection and direct contact. Notes:

Table 2c Soil Sample Volatile Organic Compound Laboratory Results, BMO Properties, Green Bay, Wisconsin

			Sample						Rele	vant and	d Significar	t Volatile O	rganic Com	pound	Laborato	ry Result (µ	g/kg)			
Boring Number	Sample Number	Depth (fbg)	Description	PID Response (iui)	Date Collected	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Benzene	Ethylbenzene	Isopropylbenzene	Methyl tert-bufyl ether (MTBE)	Methylene chloride	n-Butylbenzene	n-Propylbenzene	Naphthalene	p-lsopropyftoluene	sec-Butylbenzene	Tetrachioroethene (PCE)	Toluene	Total Xylenes
		WDN	R NR 720 Direct Contact RCL		Non-Industrial	219,000	182,000	1,600	8,020	NE	63,800	61,800	108,000	NE	5,520	162,000	145,000	33,000	818,000	260,000
		w	DNR NR 720 Groundwater Protection RC	CL	Industrial	1378.7 cc	mbined	5.1	1,570	NE	282,000	2.6	108,000 NE	NE	658.2	162,000 NE	145,000 NE	4.5	1,107.2	3,960
8100	B1 (2-4)	2-4	Sandy Silt	1.8	5/28/2019	41 J	< 25	< 9.5	<12	< 25	< 26	< 110	< 25	< 27	32 J	< 24	< 26	220	11.1	25 J
B200	B2 (4-6)	4-6	Silty Clay	197.4	5/28/2019	< 27	< 29	< 11	< 14	160	< 30	< 120	740	330	28 J	< 28	830	< 28	<11	< 17
8300	B3 (2-4)	2-4	Silty Clay	16.4	5/28/2019	< 26	< 27	<11	<13	< 28	< 28	< 120	< 28	< 30	< 24	< 26	< 29	56 J	<]]	< 16
B400	B4 (2-4)	2-4	Silty Sand w/ Trace Gravel & Slag	2.2	5/28/2019	< 23	< 25	< 9.4	< 12	< 25	< 25	< 110	< 25	< 27	< 22	< 23	< 26	110	< 9.5	< 14
B500	B5 (2-4)	2-4	Silty Clay w/ Black Fill	300+	5/28/2019	300	< 27	< 10	< 13	< 27	< 28	< 110	< 27	< 29	< 24	300	200	< 26	< 10	< 15
B600	B6 (2-4)	2-4	Silty Clay	4.5	5/28/2019	< 27	< 29	<11	< 14	< 29	< 30	< 120	< 29	< 31	< 25	< 28	< 30	< 28	<11	< 17
8700	B7 (0-2)	0-2	Sand w/ Gravel	26.7	5/28/2019	< 22	< 24	< 9.1	< 11	< 24	< 25	< 100	< 24	< 26	< 21	< 23	< 25	< 23	< 9.2	< 14
B800	B8 (2-4)	2-4	Sand w/ Gravel	158	5/28/2019	< 28	< 30	< 12	< 14	< 30	< 31	< 130	< 31	< 33	< 26	< 29	< 31	< 29	<12	< 17
8900	B9 (6-8)	6-8	Silty Clay	300+	6/5/2019	<29	<30	<12	<15	<31	<32	<130	<31	<33	<27	<29	<32	<30	<12	<18

Key:

 <x</td>
 = compound not delected to a detection limit of x

 XXX
 = exceeds WDNR Non-Industrial RCL for direct contact risk

 XXX
 = exceeds WDNR Industrial RCL for direct contact risk

 XXX
 = exceeds WDNR RCL for protection of groundwater

 µg/kg
 = microgram per kilogram

 RCL
 = residual contaminant level

 fbg
 = feel below ground

Notes: WDNR soil RCL Summary table (December 2018) used to establish RCLs for groundwater protection and direct contact.

Table 2d Soil Sample Polychlorinated Biphenyls Laboratory Results, BMO Properties, Green Bay, Wisconsin

à						Re	elevant an	d Significar	t Polychlorir	nated Bipher	nyi Laboratory	Result (mg	/kg)
Borehole Numb	Sample Number	Date	Depth (fbg)	Soil Description	PID Response (ivi)	Aroclor - 1016	Aroclor - 1221	Aroclor - 1232	Aroclor - 1242	Aroclor - 1248	Aroclor - 1254	Aroclor - 1260	Total PCBs
			Visit Contract PCI	Non-Industrial	4,110	213	190	235	236	239	243	234	
		WOINK L	JIBCI CONIGCI KCL	Industrial	28,000	883	792	972	975	988	1,000	967	
		WDNR	RCL for Groundwater Protection		NE	NE	NE	NE	NE	NE	NE	9.4	
B200	B2 (4-6)	5/28/2019	4-6	Silty Clay	197.4	< 7.3	< 9.1	< 9.0	< 6.8	< 8.1	< 4.5	< 10	< 54.8
B500	B5 (2-4)	5/28/2019	2-4	Silty Clay w/ Black Fill	300+	< 6.7	< 8.4	< 8.3	< 6.3	< 7.5	< 4.1	< 9.3	< 50.6

Key: <x

Key: <x = compound not detected to a detection limit of x XXX = exceeds WDNR Non-Industrial RCL for direct contact risk XXX = exceeds WDNR Industrial RCL for direct contact risk XXX = exceeds WDNR RCL for protection of groundwater RCL = residual contaminant level mg/kg = milligram per kilogram NE = not established by Wisconsin Administrative Code (Wis. Adm. Code) or WDNR Soil RCL Summary Table "J" = analyte detected between limit of detection and limit of quantification PID = photoinization detector iui = Instruments Units of Isobutylene fbg = feet below grade

Notes: WDNR soil RCL Summary table (December 2018) used to establish RCLs for groundwater protection and direct contact.

					Laboratory I	Results (µg/L)			
					RCRA	Metals			
Well Number	Date Collected	Arsenic	Barium	Cadmlum	Chromium	Lead	Mercury	Selenium	Silver
NR 140 Preve	entive Action Limit	1	400	0.5	10	1.5	0.2	10	10
NR 140 Enfor	cement Standard	10	2000	5	100	15	2	50	50
TW100	5/30/2019	0.80 J	66	< 0.17	< 1.1	0.28 J	< 0.098	1.1 J	< 0.12
TW 600	5/30/2019	1.5	240	< 0.17	< 1.1	< 0.19	< 0.098	< 0.98	< 0.12
TW700	5/30/2019	0.96 J	100	< 0.17	19	0.81	< 0.098	11	< 0.12

Table 3a Groundwater Sample RCRA Metals Laboratory Results, BMO Properties, Green Bay, Wisconsin

Key:

RCRA

x х = Resource Conservation and Recovery Act

analyte not detected above method detection limit
 Analyte detected between Limit of Detection and Limit of Quantitation

= microgram per liter

<X "J" µg/L

concentration detected above Chapter NR 140, Wisconsin Administrative Code(NR 140, Wis. Adm. Code) preventive action limit (PAL)

= concentration detected above NR 140, Wis. Adm. Code enforcement standard (ES)

Table 3b Groundwater Sample Polynuclear Aromatic Hydrocarbon Laboratory Results, BMO Properties, Green Bay, Wisconsin

									Polynucleo	r Aromatic	Hydrocarbo	ns (µg/L)							
Well Number	Date Collected	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g. h. i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a, h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methyl naphthalene	2-Methyl naphthalene	Naphthalene	Phenanthrene	Pyrene
NR 140 Preve	ntive Action Limit	NE	NE	600	NE	0.02	0.02	NE	NE	0.02	NE	80	80	NE	NE	NE	10	NE	50
NR 140 Enforc	cement Standard	NE	NE	3,000	NE	0.2	0.2	NE	NE	0.2	NE	400	400	NE	NE	NE	100	NE	250
TW 100	5/30/2019	< 0.25	< 0.21	< 0.27	0.24	0.26	0.34	< 0.30	< 0.051	0.23	< 0.041	< 0.36	< 0.20	0.19	< 0.24	< 0.052	< 0.25	< 0.24	< 0.34
TW600	5/30/2019	< 0.25	< 0.22	< 0.27	< 0.046	< 0.081	< 0.066	< 0.31	< 0.052	< 0.056	< 0.041	< 0.37	< 0.20	< 0.061	< 0.25	< 0.053	< 0.25	< 0.25	< 0.35
TW700	5/30/2019	< 0.25	< 0.22	< 0.27	< 0.046	< 0.081	< 0.066	< 0.31	< 0.052	< 0.056	< 0.042	< 0.37	< 0.20	< 0.061	< 0.25	< 0.053	< 0.25	< 0.25	< 0.35

Key:

<X "J" µg/L NE X

analyte not detected above method detection limit
 Analyte detected between Limit of Detection and Limit of Guanitation
 micrograms per liter
 not established
 Concentration detected above Chapter NR 140, Wisconsin Administrative Code (NR 140, Wis. Adm. Code) preventive action limit (PAL)
 Concentration detected above NR 140, Wis. Adm. Code enforcement standard (ES)

X

Table 3c Groundwater Sample Volatile Organic Compound Laboratory Results, BMO Properties, Green Bay, Wisconsin

Well Number Date Collect NR 140 Preventive Action Limit NR 140 Enforcement Standard TW 100 5/30/201* TW 600 5/30/201*																	1
Number	Collected	Benzene	sec-Butylbenzene	tert-Butylbenzene	cis-1,2-Dichloroethene	Elhylbenzene	Isopropylbenzene	Methylene Chioride	MTBE	Naphthalene	n-Butylbenzene	N-Propylbenzene	Tetrachioroethene (PCE)	Toluene	Trichloroethene (TCE)	Vinyl Chloride	Total Xylenes
NR 140 Preventive Action	n Limit	0.5	NE	NE	7	140	NE	0.5	12	10	NE	NE	0.5	160	0.5	0.02	400
NR 140 Enforcement Stan	ndard	5	NE	NE	70	700	NE	5	60	100	NE	NE	5	800	5	0.2	2,000
TW 100 5/30	30/2019	< 0.15	< 0.40	< 0.40	< 0.41	< 0.18	< 0.39	< 1.6	< 0.39	< 0.34	< 0.39	< 0.41	1.8	< 0.15	0.35 J	< 0.22	< 0.22
TW 600 5/30	30/2019	0.22 J	7.6	2	0.73 J	< 0.18	9.5	< 1.6	< 0.39	0.47 J	2.7	10	< 0.37	< 0.15	< 0.16	0.63 J	< 0.22
TW700 5/30	80/2019	< 0.15	< 0.40	<0.40	< 0.41	< 0.18	< 0.39	< 1.6	< 0.39	< 0.34	< 0.39	< 0.41	< 0.37	< 0.15	< 0.16	< 0.20	< 0.22

Key:

Г

00.070	a texture detected between their of Detection and their of Occupitation	

HQ/L NE

 Analyte detected between Limit of Detection and Limit of Quantitation
 microgram per liter
 = not established
 = Concentration detected above Chapter NR 140, Wisconsin Administrative Code (NR 140, Wis. Adm. Code) preventive action limit (PAL)
 = Concentration detected above NR 140, Wis. Adm. Code enforcement standard (ES) x

Table 4: Sub Slab Vapor Laboratory Results, BMO Properties, Green Bay, Wisconsin

			Helium QA/QC	Shroud Testing													Dete	cted Volati	le Organic	Compou	nds (micr	ograms p	er cubic r	neter)								
Sample Location Building Address	Sample Point	Vacuum Testing of Sampling Fittings** (Pass/Fail)	Hellum Concentration Under Shroud	Helium Concentration In Semple	Date Sampled	Date Analyzed	Sample Location	Sample Duration (minutes)	1,2,4-Trichiorobenzene	1,2,4- Trimethylbanzene	1,1,5- Trimethylbenzene	2-Butanone (NEX)	Acetane	Bertrense	Carbon disulfide	Carbon tetrachiorida	Choromethane	Cyclohexane	Dichlorodifluoro- methana	Ethylberzone	Nexane	Isopropyi alcohol	Leopropylbenzene	m-Xylene & p-Xylene	Napitthalene	o-Xylana	Styruna	Tetrachlorvethene	Toluena	Trichloroethene	Trichlorofluoro- methana	Xyfenes, Tobal
							Reside	ential	69.5	2,100	2,100	174,000	320,000	120	73	160	3,100	209,000	3,300	370	24,300	6,950	13,900	3,300	28	3,300	34,800	1,400	170,000	70	NE	3,30
	Targ (m	et Sub-Slab Ar icrograms per	cubic meter	00			Small Con	mmercial	292	8,700	8,700	730,000	1,400,000	\$30	31,000	670	13,000	\$75,000	15,000	1,600	102,000	29,200	\$8,400	440	120	440	146,000	6,000	730,000	290	NE	15,00
		2010-0040	1283-100260	5G			Large Comme	rcial/Industrial	NE	26,000	26,000	NE	NE	1,600	NE	2,000	39,000	NE	44,000	4,900	NE	NE	NE	44,000	360	44,000	NE	18,000	2,200,000	880	NE	44,07
117 South Chestnut Avenue	VP1	Pass	64%	0%	06/05/19	02/26/19	ground floor sub-slab	30	0.6338	3.8	1.0 3	3.4.3	79	1.7	1.13	0.36 J	0.98)	0.56)	72	1.3.3	1.17	4.5.3	0.27 3	3.0 J	1.1 3 8	1.4.3	0.65 3	190	4.9	0.62 3	131	4.4
117 South Chestnut Avenue	VP2	Pass	66%	0%	06/05/19	02/26/19	ground floor sub-slab	30	< 13	3.6 J	< 0.47	3.3.2	51.3	0.60 3	1.6 J	< 0.35	< 0.62	< 0.17	220	0.90 J	< 0.49	4.91	< 0.47	2.2.3	1.538	1.3.3	1.0 J	710	2.43	< 0.81	< 1.3	3.4

Nome

summing levels from USERA Bayon 1 Somering Level Table - November 2017 and, if applicable, representing 1 in 120,000 or
auxily to not detected to a detector. Incl of a
result of the summary of th um was observed after at least 1 minute if no noticable drop in va

Soil Analytical Results Table (page 1 of 2)

BMO Harris Bank-Green Bay 117 and 125 S. Chestnut Street and 412 Howard Street Green Bay, Wisconsin PSI Project No. 00542126

BRRTS No. 02-05-58	5287									
	Location	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6		NR 720	
	Depth	3-5'	0.5-2'	0.5-2'	0.5-2'	2-4'	2-4'		RCL	
	Date	7/16/2020	7/16/2020	7/16/2020	7/16/2020	7/16/2020	7/16/2020			
Analytical Parameter	Units									
saturated/unsaturated		u	u	u	u	u	u	Direct Contact	Direct Contact	Groundwater
PID	i.u.	0	0	0	0	0	0	Non-Industrial	Industrial	Pathway
No VOCs Detected/Not	Tested									
Detected PAHs					<u> </u>					
Acenaphthene	ug/kg	<2.7	4.8J	20.7J	<2.3	<2.8	<2.6	3,590,000	45,200,000	
Acenaphthylene	ug/kg	<2.6	3.6J	24.0J	<2.3	<2.7	<2.5			
Anthracene	ug/kg	<2.6	25.3	55.7J	<2.2	3.0J	2.8J	17,900,000	100,000,000	
Benzo(a)anthracene	ug/kg	4.6J	62.5	283	16.4J	10.3J	4.9J	1,150	21,100	478.1
Benzo(a)pyrene	ug/kg	3.1J	77.5	353	17.6J	8.0J	<2.2	115	2,110	470
Benzo(b)fluoranthene	ug/kg	4.8J	103	497	32.2	17.5J	3.6J	1,150	21,100	478.1
Benzo(g,h,i)perylene	ug/kg	<3.7	56.8	248	18.6	9.8J	<3.5			
Benzo(k)fluoranthene	ug/kg	<2.7	49.2	196	11.8J	7.7J	<2.5	11,500	211,000	
Chrysene	ug/kg	4.4J	84.8	388	28.2	16.3J	5.1J	115,000	2,110,000	144.2
Dibenz(a,h)anthracene	ug/kg	<2.9	14.0J	61.6J	4.0J	<2.6	<2.7	115	2,110	
Fluoranthene	ug/kg	6.1J	163	844	40.8	27.1	15.0J	2,390,000	30,100,000	888,777.8
Fluorene	ug/kg	<2.5	6.4J	26.3J	<2.2	<2.6	<2.4	2,390,000	30,100,000	14,829.9
Indeno(1,2,3-cd)pyrene	ug/kg	<4.4	52.6	223	13.2J	7.8J	14.3	1,150	21,100	
1-Methylnaphthalene	ug/kg	3.7J	4.9J	39.9J	<2.6	<3.1	<2.9	17,600	72,700	
2-Methylnaphthalene	ug/kg	7.2J	6.6J	56.6J	<2.6	3.8J	<2.9	239,000	3,010,000	
Naphthalene	ug/kg	4.7J	7.4J	96	<1.8	11.6J	<1.9	5,520	24,100	658.2
Phenanthrene	ug/kg	4.6J	85.6	430	8.4J	14.6J	13.4J			
Pyrene	ug/kg	5.0J	127	602	36.2	23.3	10.2J	1,790,000	22,600,000	54,545.5
Detected RCRA Metal			<u></u>			<u>.</u>	<u></u>			
Silver	mg/kg	<0.37	<0.35	<0.32	<0.32	<0.38	<0.35	391	5,840	0.8491

Notes:

Bold concentrations exceed NR 720 non-industrial direct contact RCLs

Boxed concentrations exceed NR 720 industrial direct contact RCLs

Italicized concentrations exceed NR 720 groundwater pathway RCLs

--- Not analyzed/Not Established

RCL - residual contaminant level

J - concentration detected between the laboratory Limit of Detection and the Limit of Quantitation

PID = Photoionization Detector

S/U = Sample Saturated/Unsaturated

i.u. - instrument units

PAH - polynuclear aromatic hydrocarbons

VOC - volatile organic compounds

mg/kg -milligrams per kilogram, parts per million ug/kg -micrograms per kilogram, parts per billion

Soil Analytical Results Table (page 2 of 2) BMO Harris Bank-Green Bay

BMO Harris Bank-Green Bay 117 and 125 S. Chestnut Street and 412 Howard Street Green Bay, Wisconsin PSI Project No. 00542126

BRRTS No. 02-05-58528	87		-						
	Location	SP-7	SP-7	SP-8	SP-9	SP-9		NR 720	
	Depth	2-4'	4-5'	2-4'	2-4'	4-6'		RCL	
	Date	7/16/2020	7/16/2020	7/16/2020	7/16/2020	7/16/2020			
Analytical Parameter	Units								
saturated/unsaturated		u	u	u	u	s	Direct Contact	Direct Contact	Groundwater
PID	i.u.	0	0	0	0	0	Non-Industrial	Industrial	Pathway
No VOCs Detected/Not	Tested								
Detected PAHs									_
Acenaphthene	ug/kg	<2.8	27.8	<2.3	5.7J	<11.5	3,590,000	45,200,000	
Acenaphthylene	ug/kg	<2.7	2.7J	<2.3	<4.5	<11.5			
Anthracene	ug/kg	<2.6	30.8	3.3J	34.0J	47.5J	17,900,000	100,000,000	
Benzo(a)anthracene	ug/kg	6.1J	95.7	15.8J	173	405	1,150	21,100	478.1
Benzo(a)pyrene	ug/kg	4.3J	71.2	16.1J	218	530	115	2,110	470
Benzo(b)fluoranthene	ug/kg	5.2J	135	26.3	316	663	1,150	21,100	478.1
Benzo(g,h,i)perylene	ug/kg	<3.7	45.3	13.2J	161	368			
Benzo(k)fluoranthene	ug/kg	3.1J	60.0	12.9J	120	388	11,500	211,000	
Chrysene	ug/kg	4.9J	131	24.7	226	592	115,000	2,110,000	144.2
Dibenz(a,h)anthracene	ug/kg	<3.0	9.9J	3.3J	38.3	93.6	115	2,110	
Fluoranthene	ug/kg	9.4J	251	41.5	499	1,080	2,390,000	30,100,000	888,777.8
Fluorene	ug/kg	<2.6	14.9J	<2.2	5.8J	11.6J	2,390,000	30,100,000	14,829.9
Indeno(1,2,3-cd)pyrene	ug/kg	<4.4	40.1	11.2J	145	334	1,150	21,100	
1-Methylnaphthalene	ug/kg	<3.1	<2.7	<2.6	<5.2	<13	17,600	72,700	
2-Methylnaphthalene	ug/kg	<3.1	3.3J	<2.6	<5.2	18.6J	239,000	3,010,000	
Naphthalene	ug/kg	<2.1	3.5J	2.5J	<3.5	26.8J	5,520	24,100	658.2
Phenanthrene	ug/kg	5.8J	145	18.9	189	312			
Pyrene	ug/kg	8.0J	234	35.1	347	810	1,790,000	22,600,000	54,545.5
Detected RCRA Metal									
Silver	mg/kg	0.39J	<0.35	<0.32	<0.32	<0.38	391	5,840	0.8491

Notes:

Bold concentrations exceed NR 720 non-industrial direct contact RCLs

Boxed concentrations exceed NR 720 industrial direct contact RCLs

Italicized concentrations exceed NR 720 groundwater pathway RCLs

--- Not analyzed/Not Established

RCL - residual contaminant level

J - concentration detected between the laboratory Limit of Detection and the Limit of Quantitation

PID = Photoionization Detector

S/U = Sample Saturated/Unsaturated

i.u. - instrument units

PAH - polynuclear aromatic hydrocarbons

VOC - volatile organic compounds

mg/kg -milligrams per kilogram, parts per million ug/kg -micrograms per kilogram, parts per billion

Groundwater Analytical Results Table

BMO Harris Bank - Green Bay 117 and 125 S. Chestnut Street and 412 Howard Street Green Bay, Wisconsin PSI Project No. 00542126

BRRTS No. 02-05-58528	7								
	Location	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	NR	140
Analytical Parameter	Date Units	7/29/20	7/17/20	7/17/20	7/17/20	7/17/20	7/17/20	ES	PAL
Detected VOCs						-			
Benzene	ug/l	<0.25	0.58J	<0.25	0.30J	<0.25	<0.25	5	0.5
n-Butylbenzene	ug/l	<0.71	6.1	1.2J	2.2J	<0.71	<0.71		
sec-Butylbenzene	ug/l	<0.85	19.4	6.9	5.2	3.1J	<0.85		
tert-Butylbenzene	ug/l	<0.3	3.4	1.1	0.43J	<0.3	<0.3		
1,2-Dichlorobenzene	ug/l	<0.71	1.5J	<0.71	<0.71	<0.71	<0.71	600	<u>60</u>
cis-1,2-Dichloroethene	ug/l	<0.27	0.88J	55.9	0.90J	0.65J	1.2	70	7
trans-1,2-Dichloroethene	ug/l	<0.46	<0.46	3.7	<0.46	<0.46	1.2J	100	<u>20</u>
1,2-Dichloropropane	ug/l	<0.28	0.38J	<u>1.1</u>	<0.28	<0.28	<0.28	5	<u>0.5</u>
Isopropylbenzene	ug/l	<1.7	17	3.2J	2.9J	<1.7	<1.7		
p-Isopropyltoluene	ug/l	<0.8	<0.8	<0.8	2.6J	<0.8	<0.8		
n-Propylbenzene	ug/l	<0.81	17.7	0.95J	3.7J	<0.81	<0.81		
Tetrachloroethene	ug/l	<0.33	<0.33	<0.33	<0.33	<u>0.85J</u>	7.4	5	<u>0.5</u>
Trichloroethene	ug/l	<0.26	<0.26	<u>0.90J</u>	<0.26	<u>1.9</u>	<u>3.3</u>	5	<u>0.5</u>
Total Tirmethylbenzenes	ug/l	<1.71	<1.71	<1.71	<1.71	1.1J	<1.71	480	<u>96</u>
Vinyl Chloride	ug/l	<0.17	0.78J	19.8	1.2	<0.17	0.37J	0.2	<u>0.02</u>
Detected PAHs									
Acenaphthene	ug/l	0.0099J	0.013J	0.021J	0.14	0.010J	0.018J		
Acenaphthylene	ug/l	<0.0045	0.14	0.039	0.043	<0.0047	<0.0048		
Anthracene	ug/l	<0.0095	<0.01	0.020J	0.027J	0.030J	0.010J	3000	<u>600</u>
Benzo(a)anthracene	ug/l	0.0083J	<0.0075	<0.0073	0.011J	<0.0072	0.011J		
Benzo(b)fluoranthene	ug/l	<0.0096	<0.0057	0.0056J	0.0089J	0.0062J	0.018J	0.2	<u>0.02</u>
Benzo(k)fluoranthene	ug/l	<0.0052	<0.0075	<0.0073	0.0086J	<0.0072	0.012J		
Benzo(a)pyrene	ug/l	<0.0062	<0.010	<0.010	<0.010	<0.010	0.012J	0.2	<u>0.02</u>
Benzo(ghi)perylene	ug/l	<0.0069	<0.0067	<0.0066	0.0063J	<0.0065	0.013J		
Chrysene	ug/l	<0.012	<0.013	0.017J	0.016J	0.014J	0.028J	0.2	<u>0.02</u>
Fluoranthene	ug/l	0.019J	0.014J	0.015J	0.035J	0.020J	0.076	400	<u>80</u>
Fluorene	ug/l	0.0089J	<0.0079	0.011J	0.042	0.018J	0.031J	400	<u>80</u>
1-Methylnaphthalene	ug/l	0.0098J	0.051	0.027J	0.094	0.021J	0.010J		
2-Methylnaphthalene	ug/l	0.012J	0.022J	0.04	0.11	0.020J	0.0095J		
Naphthalene	ug/l	0.023J	0.68	0.1	0.27	0.082J	0.033J	100	<u>10</u>
Phenanthrene	ug/l	0.038J	0.031J	0.061J	0.14	0.042J	0.062J		
Pyrene	ug/l	0.013J	0.012J	0.012J	0.026J	0.017J	0.041	250	<u>50</u>
Detected RCRA Metals									
Barium	ua/l	211	523	339	771	201	114	2000	400

Notes:

Bold concentrations exceed NR 140 Enforcement Standards

Italicized/underlined concentrations exceed NR 140 Preventive Action Limits

--- - Not analyzed/Not Established

ug/l -micrograms per liter

J - laboratory estimated concentration detected between the laboratory Limit of Detection and the Limit of Quantitation

Groundwater Elevations Table

BMO Harris Bank Branch 125 S. Chestnut Avenue Green Bay, Wisconsin PSI Project No. 00542126 BRRTS No. 02-05-585287

ELEVATIONS	MW-1	MW-2	MW-3	MW-4	MW-5
Surface	589.29	588.40	588.76	589.47	589.45
Top of Casing	589.03	587.98	588.41	589.12	589.10
Top of Screen	583.7	584.8	585.7	586.0	585.1
Bottom of Screen	573.7	574.8	575.7	576.0	575.1
Groundwater Elevations					
8/3/2020	579.25	584.14	584.83	583.70	584.89

Notes:

Benchmark - hydrant bonnet flange located on NWC of Howard and Chestnut (EL. 590.53)

MW-6
589.34
588.99
585.0
575.0
584.92