

**From:** Schultz, Josie M - DNR  
**Sent:** Tuesday, March 26, 2024 5:42 PM  
**To:** Dillon Plamann; Don Gallo  
**Subject:** RE: Bay Towel - deep excavation two hot spots near Adams street

Dillon and Don,

DNR recommends further site investigation and submittal of a comprehensive SIR prior to additional remedial action at this time. Reviewing the attached tables and figures in the most recent email, it appears that additional off-site delineation is needed, particularly to the north of the site and to delineate the most recent soil borings.

If you would like a more in depth review and formal response, DNR recommends submittal of a technical assistance request or SIWP with a fee.

Please feel free to give me a call if you would like to discuss.

Thank you,  
Josie

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**Josie Schultz**

Cell Phone: (920) 366-5685

[Josie.Schultz@Wisconsin.gov](mailto:Josie.Schultz@Wisconsin.gov)

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**From:** Dillon Plamann <[dplamann@fehrgraham.com](mailto:dplamann@fehrgraham.com)>  
**Sent:** Monday, March 25, 2024 12:54 PM  
**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Cc:** Don Gallo <[don.gallo@dgallolaw.com](mailto:don.gallo@dgallolaw.com)>  
**Subject:** Bay Towel - deep excavation two hot spots near Adams street

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Josie,

Please see attached soil chemistry tables (2 total) and soil chemistry figures (5 total).

Figure 6 shows the proposed excavations areas to the east of the south of the previous larger excavation area in the northwest portion of the site that are being proposed. Excavation depths will vary within

those proposed areas based on the previous soil samples collected that will be used to define extents as much as possible.

Figure 3c shows the deeper soil chemistry from the previous remedial excavation efforts. On all of the soil chemistry figures (3a to 3d) just detections are shown, so soil sample locations with no chemistry indicate no detections for all sampled intervals.

Thank you,

**DILLON PLAMANN, PG | Project Hydrogeologist**  
**Fehr Graham | Engineering & Environmental**

909 North 8th Street, Suite 101  
Sheboygan, Wisconsin 53081  
P: 920.453.0700  
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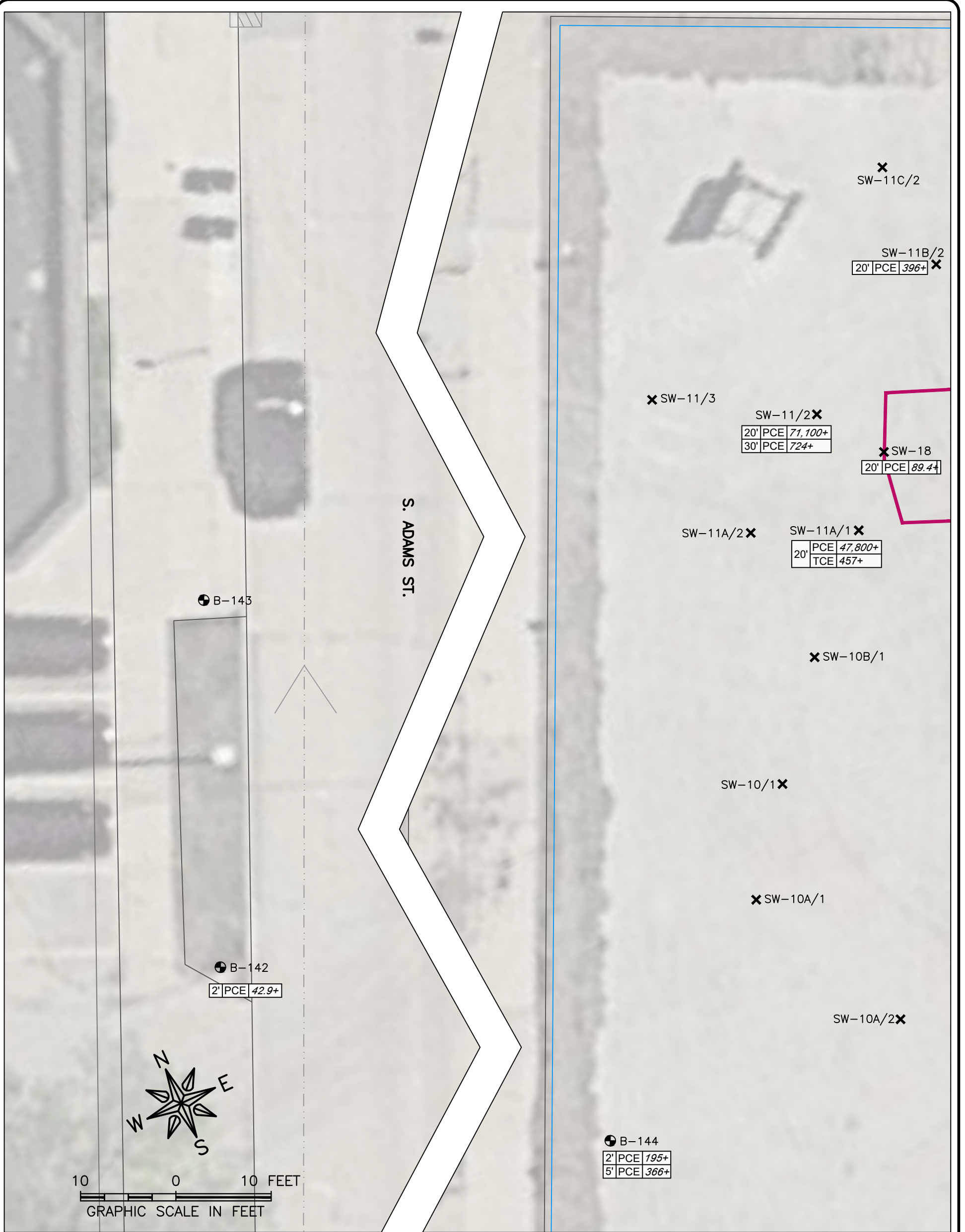
**LEGEND**

- SOIL BORING SAMPLE LOCATION
  - ✕ EXCAVATION SAMPLE LOCATION
  - ⊕ MONITORING WELL
  - FURTHEST EXTENT OF ALL SITE EXCAVATIONS
  - 2' SAMPLE DEPTH
  - PCE TETRACHLOROETHENE (ug/kg)
  - TCE TRICHLOROETHENE (ug/kg)
  - cis cis-1,2-DICHLOROETHENE (ug/kg)
  - MC METHYLENE CHLORIDE
  - ND NO DETECT
  - DBS DETECTIONS BELOW STANDARDS
  - CVOC CHLORINATED VOLATILE ORGANIC COMPOUNDS
  - ITALICS+* EXCEEDS GROUNDWATER PATHWAY RCL
- NOTE: SEE FIGURES 8b THRU 8d FOR COMPLETE SOIL RESULTS OF SITE SOIL CHEMISTRY.

**FIGURE 3a**  
 SITE INVESTIGATION SOIL CHEMISTRY  
 2020–2022  
 BAY TOWEL – SOLVENT INVESTIGATION  
 501 S. ADAMS ST.  
 GREEN BAY, WI 54301  
 BRRTS NO.: 02-05-237064

1/29/24

**FEHR GRAHAM**  
 ENGINEERING & ENVIRONMENTAL  
 ILLINOIS DESIGN FIRM NO. 194-003525  
 ILLINOIS  
 IOWA  
 WISCONSIN  
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**LEGEND**

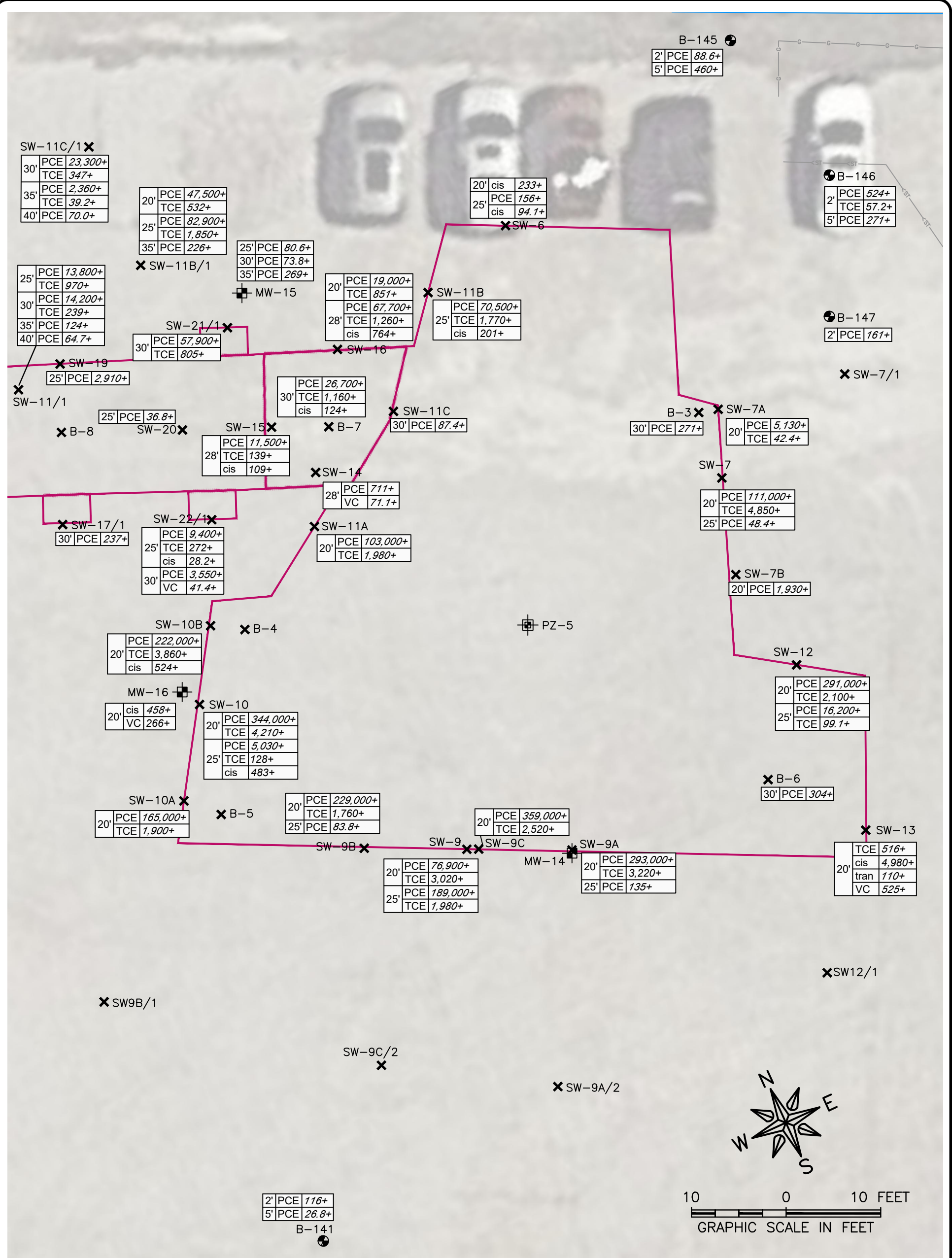
- SOIL BORING SAMPLE LOCATION
- ✕ EXCAVATION SAMPLE LOCATION
- EXTENT OF 2020 REMEDIAL EXCAVATION
- 2' SAMPLE DEPTH
- PCE TETRACHLOROETHENE (ug/kg)
- TCE TRICHLOROETHENE (ug/kg)
- cis cis-1,2-DICHLOROETHENE (ug/kg)
- MC METHYLENE CHLORIDE
- ND NO DETECT
- ITALICS+* EXCEEDS GROUNDWATER PATHWAY RCL

**FIGURE 3b**  
 SITE INVESTIGATION SOIL CHEMISTRY  
 2020-2022 (AREA A)  
 BAY TOWEL – SOLVENT INVESTIGATION  
 501 S. ADAMS ST.  
 GREEN BAY, WI 54301  
 BRRTS NO.: 02-05-237064

1/29/24

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**LEGEND**

- SOIL BORING SAMPLE LOCATION
- ✕ EXCAVATION SAMPLE LOCATION
- EXTENT OF 2020 REMEDIAL EXCAVATION
- 2' SAMPLE DEPTH
- PCE TETRACHLOROETHENE (ug/kg)
- TCE TRICHLOROETHENE (ug/kg)
- cis cis-1,2-DICHLOROETHENE (ug/kg)
- MC METHYLENE CHLORIDE
- ND NO DETECT

*ITALICS+* EXCEEDS GROUNDWATER PATHWAY RCL

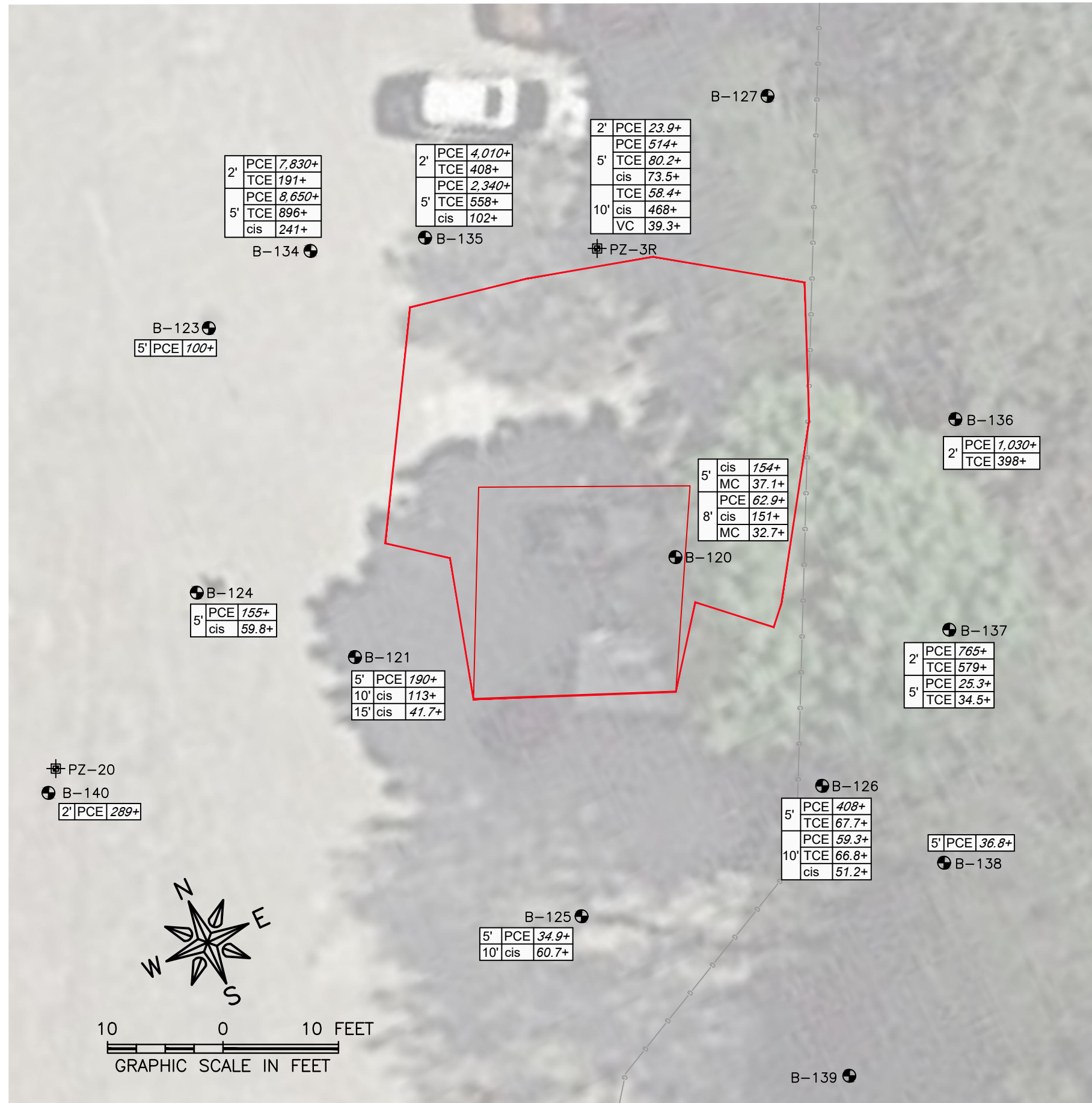
**FIGURE 3c**

SITE INVESTIGATION SOIL CHEMISTRY  
 2020-2022 (AREA B)  
 BAY TOWEL - SOLVENT INVESTIGATION  
 501 S. ADAMS ST.  
 GREEN BAY, WI 54301

BRRTS NO.: 02-05-237064 1/29/24

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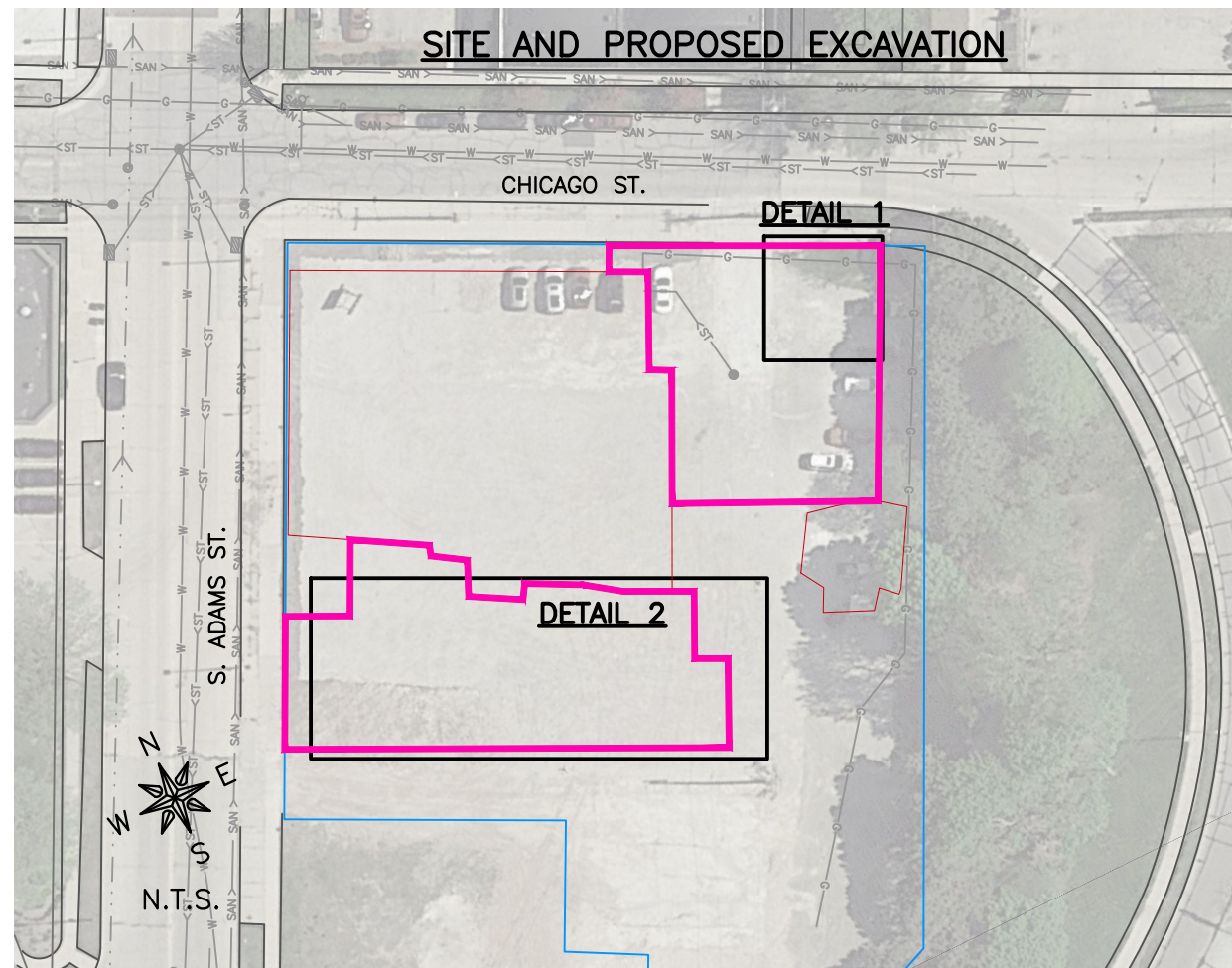
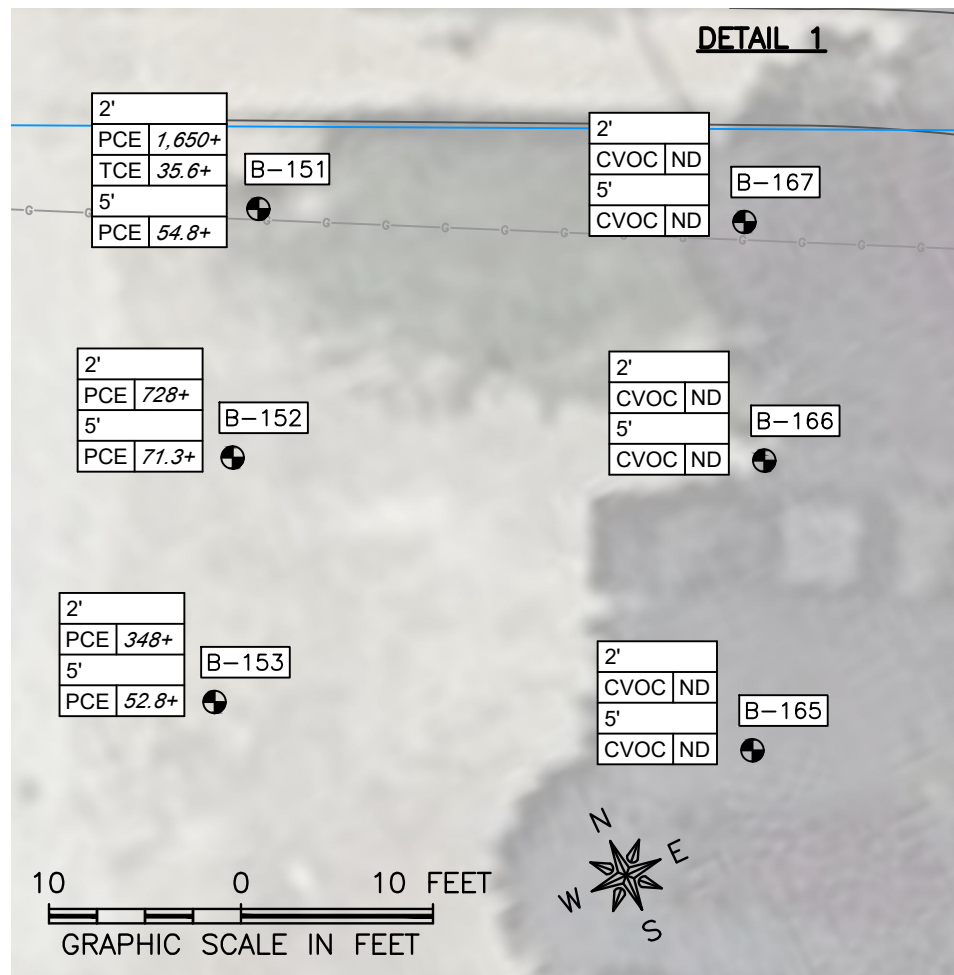
**LEGEND**

- SOIL BORING SAMPLE LOCATION
- ✕ EXCAVATION SAMPLE LOCATION
- FURTHEST EXTENT OF COMPLETED EXCAVATIONS
- Z=2' FINAL EXCAVATION DEPTH
- PCE TETRACHLOROETHENE (ug/kg)
- TCE TRICHLOROETHENE (ug/kg)
- cis cis-1,2-DICHLOROETHENE (ug/kg)
- VC VINYL CHLORIDE (ug/kg)
- ITALICS+* EXCEEDS GROUNDWATER PATHWAY RCL

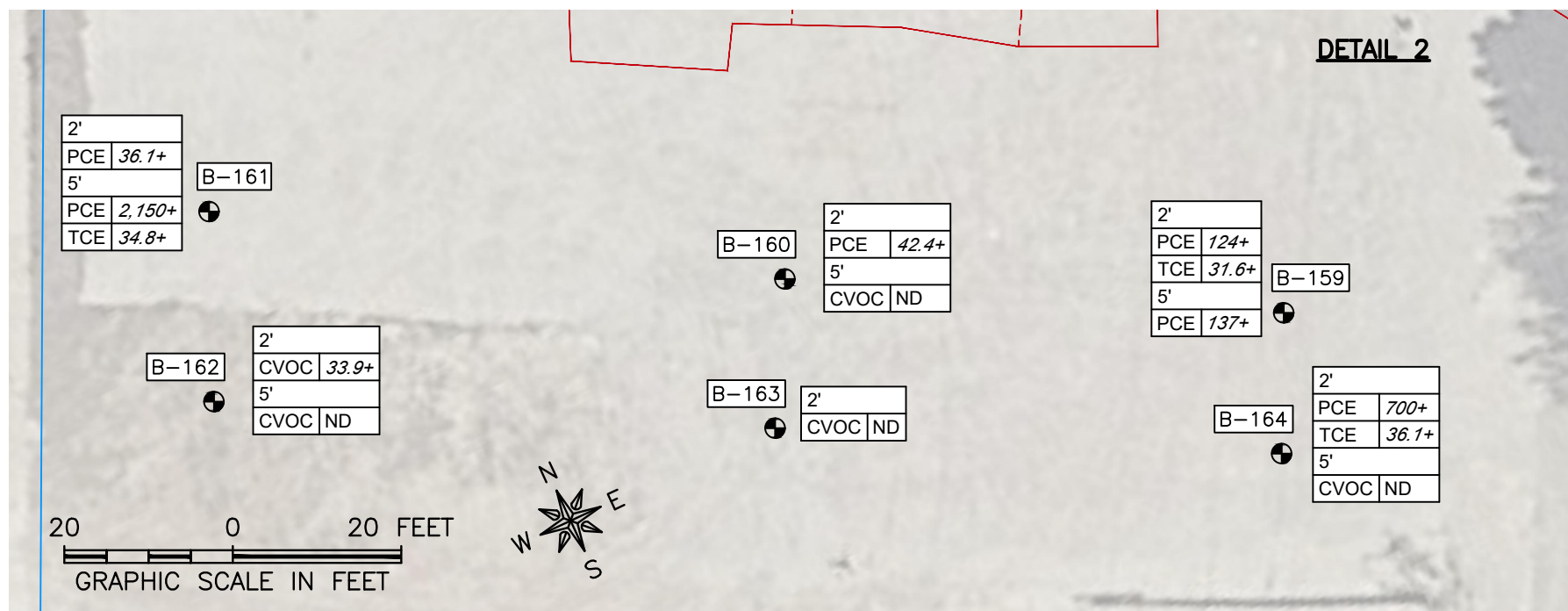
**FIGURE 3d**  
 SITE INVESTIGATION SOIL CHEMISTRY  
 2020-2022 (AREA C)  
 BAY TOWEL – SOLVENT INVESTIGATION  
 501 S. ADAMS ST.  
 GREEN BAY, WI 54301  
 BRRTS NO.: 02-05-237064

1/29/24

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- LEGEND**
- SOIL BORING
  - FINAL EXCAVATION LIMITS COMPLETED ONSITE
  - PROPOSED 2024 EXCAVATION LIMITS
  - 2' SAMPLE DEPTH
  - PCE TETRACHLOROETHENE (ug/kg)
  - TCE TRICHLOROETHENE (ug/kg)
  - ND NO DETECT
  - CVOC CHLORINATED VOLATILE ORGANIC COMPOUNDS
  - ITALICS+* EXCEEDS GROUNDWATER PATHWAY RCL



**FIGURE 6**  
 SITE SOIL CHEMISTRY  
 AND PROPOSED EXCAVATION  
 BAY TOWEL – SOLVENT INVESTIGATION  
 501 S. ADAMS ST.  
 GREEN BAY, WI 54301  
 BRRTS NO.: 02-05-237064

2/1/24

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Table A.2.a  
 Soil Analytical Results Table - Post 2020 Excavation  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	AG-14	AG-19	AG-20	AG-21	AG-22	AG-23	AG-24	AG-25	AG-26	MW-4	MW-6	MW-9	MW-10	PZ-1	A2-BASE	A2-BASE R		
Date				7/25/00	3/27/01	7/17/01	7/17/01	7/17/01	7/17/01	7/17/01	7/17/01	7/17/01	7/17/01	7/17/01	7/26/00	7/26/00	3/26/01	3/26/01	3/26/01	2003	8/28/19
Depth				2-4'	0-2'	0-2'	0-2'	0-2'	2-4'	2-4'	0-2'	2-4'	2-4'	2-4'	2-4'	2-4'	2.5-4.5'	0-2'	2.5-4.5'	5'	10'
Saturated (S) or Unsaturated (U)				U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	S
PID Reading				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Notes				MW-8								MW-12									
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<25	<25	<b>47 J</b>	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<b>1,580</b>	<b>665</b>		
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<b>65</b>	<b>47.1 J</b>		
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<30	<b>71.0 J</b>		
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<30	<25.0		
Vinyl Chloride	(ug/kg)	0.1	67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<43	<25.0		
Methylene Chloride	(ug/kg)	2.56	60,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<25.0		

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	A2-SWALL	A2-SWALL R		C-R1			E	P	V	W	EX-13 W		EX-14 W		EX-15 W	EX-21B	
Date				2003	8/28/19		8/29/19			6/28/16	6/28/16	6/28/16	6/28/16	12/6/16		12/6/16		12/6/16	12/8/16	
Depth				2'	5'	10'	30'	35'	40'	7-8'	11-12'	7-8'	7-8'	2'	6'	2'	6'	2'	8'	
Saturated (S) or Unsaturated (U)				U	U	S	S	S	S	U	U	U	U	U	U	U	U	U	U	S
PID Reading				--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	--	--	--	--	--
Notes																				
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<b>655</b>	<b>141</b>	<25.0	<25.0	<25.0	<b>3,790</b>	<b>3,700</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<b>125</b>	<b>113</b>	<b>428</b>	<b>1,080</b>	
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<b>67</b>	<25.0	<b>79.3</b>	<25.0	<25.0	<25.0	<b>128</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>1,390</b>	
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<30	<25.0	<b>69.0 J</b>	<25.0	<25.0	<25.0	<25.0	36.9 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>467</b>	
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<30	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	33.7 J	
Vinyl Chloride	(ug/kg)	0.1	67	<42	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>82.9</b>	
Methylene Chloride	(ug/kg)	2.56	60,700	--	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>34.7 J</b>	<25.0	

Exceedance Highlights:

**BOLD Red** font indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 1/16/16, and BTV exceedance for metals.

**\*B1\***: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

**Italic Red** font indicates GW RCL Exceedance per DNR RCL calculator 1/16/16. Groundwater quality (> NR 140 ES) may be affected when GW RCLs are exceeded.

**Notes:**

- NS = No standard established
- = Not Analyzed or Reported
- RCL = Residual Contaminant Level
- DC = Direct Contact



Table A.2.a  
 Soil Analytical Results Table - Post 2020 Excavation  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	UTILITY N		EX-30B	EX-33BR1			EX-34BR1			EX-35	EX-36		EX-50		EX-51	
Date	12/21/16			12/21/16	1/19/17	8/28/19			8/28/19			1/23/17	1/23/17		12/4/18		12/4/18		
Depth	3'			8'	8'	30'	35'	40'	30'	35'	40'	2'	2'	5'	2'	5'	2'	5'	
Saturated (S) or Unsaturated (U)	U			S	S	S	S	S	S	S	S	U	U	U	U	U	U	U	
PID Reading	--			--	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.0	
Notes													wall	floor	wall	floor	wall	floor	
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	1,760	1,450	3,130	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	886	537	90.7	599	50.7 J	5,120	<25.0
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	35.2 J	78.4 J	431	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	53.9 J	<25.0	<25.0	<25.0	<25.0	520	<25.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25.0	<25.0	39.5 J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	89.5	<25.0	<25.0	33.1 J	60.2 J
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	45.0 J	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	2.56	60,700	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	EX-51R				EX-52		EX-52R				EX-53		EX-54	EX-55W	EX-56W	EX-57W
Date	6/28/19				12/4/18		6/28/19				12/4/18		11/27/18	11/27/18	11/27/18	11/30/18			
Depth	5'			10'	15'	20'	2'	5'	5'	10'	15'	20'	2'	5'	2'	2'	2'	2'	
Saturated (S) or Unsaturated (U)	U			S	S	S	U	U	U	S	S	S	U	U	U	U	U	U	
PID Reading	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	--
Notes	lab ID says "EX-51-R"				wall	floor					wall	floor	wall	wall	wall	wall			
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	4,220	<25.0	<25.0	<25.0	28,900	846	336	<25.0	<25.0	<25.0	987	<25.0	111	<25.0	74.3	74.0
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	488	<25.0	<25.0	<25.0	2,740	65.8 J	34.1 J	<25.0	<25.0	<25.0	400	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	72.0	246	591	46.9 J	973	59.4 J	<25.0	496	<25.0	<25.0	60.4 J	<25.0	<25.0	<25.0	<25.0	32.2 J
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	76.5	<25.0	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	55.8 J	98.2	<25.0	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	2.56	60,700	<25.0	<25.0	<25.0	<25.0	<125	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0

Exceedance Highlights:

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- DC = Direct Contact

**Table A.2.a**  
**Soil Analytical Results Table - Post 2020 Excavation**  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	EX-58W	EX-59		EX-60W	EX-61		EX-62		EX-63		EX-64		EX-65		B-101	B-102
Date	11/27/18			11/30/18		11/30/18	11/29/18		11/29/18		11/27/18		11/27/18		11/27/18		10/9/18	10/9/18	
Depth	2'			2'	7'	2'	2'	7'	2'	7'	2'	8'	2'	9'	2'	9'	10'	10'	
Saturated (S) or Unsaturated (U)	U			U	U	U	U	U	U	U	U	S	U	S	U	S	S	S	
PID Reading	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Notes	wall			wall	floor	wall	wall	floor	wall	floor	wall	floor	wall	floor	wall	floor	wall	floor	
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<25.0	<b>997</b>	<b>259</b>	<25.0	<b>1,340</b>	<b>95.6</b>	<25.0	<b>148</b>	<25.0	<b>43.9 J</b>	<b>436</b>	<b>665</b>	<b>135</b>	<b>690</b>	<25.0	<25.0
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<25.0	<25.0	<25.0	<25.0	<b>304</b>	<25.0	<25.0	<b>45.5 J</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	35.9 J	<25.0
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	2.56	60,700	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	B-103		B-104		B-105		B-106		B-107	B-108	B-110	B-113	B-115	B-116	B-118	
Date	10/9/18			10/9/18		10/9/18		10/9/18		10/9/18	10/9/18	10/9/18	10/9/18	10/9/18	10/9/18	10/9/18	10/9/18		
Depth	5'			8'	5'	8'	5'	8'	5'	8'	10'	10'	5'	5'	10'	8'	8'		
Saturated (S) or Unsaturated (U)	U			S	U	S	U	S	U	S	U	S	S	S	U	U	S	S	S
PID Reading	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Notes																			
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<b>36.2 J</b>	<25.0	<b>38.4 J</b>	<b>44.5 J</b>	<25.0	<25.0	<25.0	<b>100</b>	<25.0	<b>397</b>	<25.0	<25.0	<25.0	<b>423</b>	<b>193</b>	
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>98.9</b>	<25.0	<25.0	<25.0	<b>79.5</b>	<25.0	
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>139</b>	<b>124</b>	<25.0	<25.0	<25.0	<25.0	<b>88.9</b>	
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>110</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Methylene Chloride	(ug/kg)	2.56	60,700	<25.0	<25.0	<25.0	<25.0	<b>33.5 J</b>	<25.0	<b>30.1 J</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>47.8 J</b>	

Exceedance Highlights:

**BOLD Red** font indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 1/16/16, and BTV exceedance for metals.

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**Notes:**

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- DC = Direct Contact

Table A.2.a  
 Soil Analytical Results Table - Post 2020 Excavation  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	B-120		B-121				B-122					B-123		B-124	
Date	10/9/18			6/28/19				8/29/19					8/28/19		8/282019			
Depth	5'			8'	5'	10'	15'	20'	30'	35'	40'	45'	50'	5'	10'	5'	10'	
Saturated (S) or Unsaturated (U)	U			S	U	S	S	S	S	S	S	S	S	U	S	U	S	
PID Reading	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	--	--	--	
Notes																		
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<25.0	<b>62.9 J</b>	<b>190</b>	<25.0	<25.0	<25.0	<b>72.4 J</b>	<b>37.1 J</b>	<b>57.8 J</b>	<25.0	<25.0	<b>100</b>	<25.0	<b>155</b>	<25.0
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<b>154</b>	<b>151</b>	<25.0	<b>113</b>	<b>41.7 J</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>59.8 J</b>	<25.0
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methylene Chloride	(ug/kg)	2.56	60,700	<b>37.1 J</b>	<b>32.7 J</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	B-125		B-126			B-127			B-3	B-4	B-5	B-6	B-7		B-8
Date	8/28/19			8/29/19			8/29/19			7/23/20	7/23/20	7/23/20	7/28/20	12/1/20		12/1/20		
Depth	5'			10'	2'	5'	10'	2'	5'	10'	30'	30'	30'	30'	28'	30'	25'	
Saturated (S) or Unsaturated (U)	U			S	U	U	S	U	U	S	S	S	S	S	S	S	S	
PID Reading	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Notes																		
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<b>34.9 J</b>	<25.0	<b>408</b>	<25.0	<b>59.3 J</b>	<25.0	<25.0	<25.0	<b>271</b>	<38.7	<38.7	<b>304</b>	<b>163,000</b>	<b>26,700</b>	<23.0
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<25.0	<25.0	<b>67.7</b>	<25.0	<b>66.8 J</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>1,470</b>	<b>1,160</b>	<22.1
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25.0	<b>60.7 J</b>	<25.0	<25.0	<b>51.2 J</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<253	<b>124 J</b>	<12.7
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<253	<32.8	<12.8
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<253	<30.7	<11.9
Methylene Chloride	(ug/kg)	2.56	60,700	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<26.3	<26.3	<26.3	<26.3	--	--	--

Exceedance Highlights:

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Table A.2.a  
 Soil Analytical Results Table - Post 2020 Excavation  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	SW-6		SW7/1			SW-7B	SW-9A/1			SW-9A/2			SW-9B/1		
Date	7/24/20			8/11/20			7/31/20	8/13/20			8/26/20			8/13/20				
Depth	20'			25'	20'	25'	30'	20'	20'	25'	30'	20'	25'	30'	20'	25'	30'	
Saturated (S) or Unsaturated (U)	S			S	S	S	S	S	S	S	S	S	S	S	S	S	S	
PID Reading	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Notes																		
Tetrachloroethene (PCE)	(ug/kg)	4.50	<b>33,000</b>	<38.7	<i>156</i>	<38.7	<38.7	<38.7	<i>1,930</i>	<38.7	<38.7	<38.7	<38.7	<34.3	<38.7	<38.7	<38.7	
Trichloroethene (TCE)	(ug/kg)	3.60	<b>1,300</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<22.2	<25.0	<25.0	<25.0	
cis-1,2-Dichloroethene	(ug/kg)	41.2	<b>156,000</b>	<i>233</i>	<i>94.1</i>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<22.2	<25.0	<25.0	<25.0	
trans-1,2-Dichloroethene	(ug/kg)	62.6	<b>1,560,000</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<22.2	<25.0	<25.0	<25.0	
Vinyl Chloride	(ug/kg)	0.1	<b>67</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<22.2	<25.0	<25.0	<25.0	
Methylene Chloride	(ug/kg)	2.56	<b>60,700</b>	<26.3	<26.3	--	--	--	<26.3	--	--	--	--	--	--	--	--	

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	SW-9C/1			SW-9C/2			SW-10/1			SW-10A/1			SW-10A/2		
Date	8/13/20			8/26/20			8/12/20			8/12/20			8/27/20					
Depth	20'			25'	30'	20'	25'	30'	20'	25'	30'	20'	25'	30'	20'	25'	30'	
Saturated (S) or Unsaturated (U)	S			S	S	S	S	S	S	S	S	S	S	S	S	S	S	
PID Reading	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Notes																		
Tetrachloroethene (PCE)	(ug/kg)	4.50	<b>33,000</b>	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	
Trichloroethene (TCE)	(ug/kg)	3.60	<b>1,300</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
cis-1,2-Dichloroethene	(ug/kg)	41.2	<b>156,000</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
trans-1,2-Dichloroethene	(ug/kg)	62.6	<b>1,560,000</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Vinyl Chloride	(ug/kg)	0.1	<b>67</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Methylene Chloride	(ug/kg)	2.56	<b>60,700</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Exceedance Highlights:

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**Table A.2.a**  
**Soil Analytical Results Table - Post 2020 Excavation**  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	SW-10B/1			SW-11/1				SW-11/2			SW-11/3			SW-11A/1		
Date				8/13/20			8/12/20				8/18/20			8/27/20			8/12/20		
Depth				20'	25'	30'	25'	30'	35'	40'	20'	25'	30'	20'	25'	30'	20'	25'	30'
Saturated (S) or Unsaturated (U)				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
PID Reading				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Notes																			
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<38.7	<38.7	<38.7	<b>13,800</b>	<b>14,200</b>	<b>124 J</b>	<b>64.7 J</b>	<b>71,100</b>	<38.7	<b>724</b>	<38.7	<38.7	<38.7	<b>47,800</b>	<38.7	<38.7
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<25.0	<25.0	<25.0	<b>970</b>	<b>239 J</b>	<25.0	<25.0	<500	<25.0	<25.0	<25.0	<25.0	<25.0	<b>457 J</b>	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25.0	<25.0	<25.0	<125	<125	<25.0	<25.0	<500	<25.0	<25.0	<25.0	<25.0	<25.0	<312	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<125	<125	<25.0	<25.0	<500	<25.0	<25.0	<25.0	<25.0	<25.0	<312	<25.0	<25.0
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<125	<125	<25.0	<25.0	<500	<25.0	<25.0	<25.0	<25.0	<25.0	<312	<25.0	<25.0
Methylene Chloride	(ug/kg)	2.56	60,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	SW-11A/2			SW-11B/1			SW-11B/2			SW-11C	SW-11C/1				
Date				8/18/20			8/14/20			8/18/20			7/31/20	8/18/20				
Depth				20'	25'	30'	20'	25'	30'	20'	25'	30'	30'	20'	25'	30'	35'	40'
Saturated (S) or Unsaturated (U)				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
PID Reading				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Notes																		
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<38.7	<38.7	<38.7	<b>47,500</b>	<b>82,900</b>	<b>226</b>	<b>396</b>	<38.7	<38.7	<b>87.4 J</b>	<38.7	<38.7	<b>23,300</b>	<b>2,360</b>	<b>70.0 J</b>
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<25.0	<25.0	<25.0	<b>532 J</b>	<b>1,850</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<b>347</b>	<b>39.2 J</b>	<25.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25.0	<25.0	<25.0	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<100	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<100	<25.0	<25.0
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<312	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<100	<25.0	<25.0
Methylene Chloride	(ug/kg)	2.56	60,700	--	--	--	--	--	--	--	--	--	<26.3	--	--	--	--	--

**Exceedance Highlights:**

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**Table A.2.a**  
**Soil Analytical Results Table - Post 2020 Excavation**  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	SW-11C/2			SW-12		SW-12/1			SW-13		SW-15	SW-16		SW-17/1	
Date				8/27/20			7/28/20		8/14/20			7/31/20		12/1/20	12/1/20		12/14/20	
Depth				23'	25'	30'	20'	25'	20'	25'	30'	20'	25'	28'	20'	28'	25'	30'
Saturated (S) or Unsaturated (U)				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
PID Reading				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Notes																		
Tetrachloroethene (PCE)	(ug/kg)	4.50	<b>33,000</b>	<38.7	<38.7	<38.7	<b>291,000</b>	<b>16,200</b>	<38.7	<38.7	<38.7	<38.7	<38.7	<b>11,500</b>	<b>19,000</b>	<b>67,700</b>	<22.6	<b>237</b>
Trichloroethene (TCE)	(ug/kg)	3.60	<b>1,300</b>	<25.0	<25.0	<25.0	<b>2,100</b>	<b>99.1</b>	<25.0	<25.0	<25.0	<b>516</b>	<25.0	<b>139</b>	<b>851</b>	<b>1,260</b>	<21.8	<22.2
cis-1,2-Dichloroethene	(ug/kg)	41.2	<b>156,000</b>	<25.0	<25.0	<25.0	<312	<25.0	<25.0	<25.0	<25.0	<b>4,980</b>	<25.0	<b>109 J</b>	35.6 J	<b>764</b>	<12.5	<12.7
trans-1,2-Dichloroethene	(ug/kg)	62.6	<b>1,560,000</b>	<25.0	<25.0	<25.0	<312	<25.0	<25.0	<25.0	<25.0	<b>110</b>	<25.0	<25.6	<26.2	<102	<12.6	<12.8
Vinyl Chloride	(ug/kg)	0.1	<b>67</b>	<25.0	<25.0	<25.0	<312	<25.0	<25.0	<25.0	<25.0	<b>525</b>	<25.0	<23.9	<24.5	<95.5	<11.8	<12.0
Methylene Chloride	(ug/kg)	2.56	<b>60,700</b>	--	--	--	<312	<26.3	--	--	--	<26.3	<26.3	--	--	--	--	--

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	SW-18		SW-19		SW-20	SW-21/1		SW-22/1	
Date				12/1/20		12/1/20		12/1/20	12/21/20		12/21/20	
Depth				20'	25'	20'	25'	25'	25'	30'	25'	30'
Saturated (S) or Unsaturated (U)				S	S	S	S	S	S	S	S	S
PID Reading				--	--	--	--	--	--	--	--	--
Notes												
Tetrachloroethene (PCE)	(ug/kg)	4.50	<b>33,000</b>	<b>89.4</b>	<22.8	<22.9	<b>2,910</b>	<b>36.8 J</b>	<b>25,400</b>	<b>57,900</b>	<b>9,400</b>	<b>3,550</b>
Trichloroethene (TCE)	(ug/kg)	3.60	<b>1,300</b>	<23.0	<22.0	<22.1	<22.2	<21.7	<b>421</b>	<b>805</b>	<b>272</b>	<b>41.4 J</b>
cis-1,2-Dichloroethene	(ug/kg)	41.2	<b>156,000</b>	<13.2	<12.6	<12.6	<12.7	<12.4	<49.9	<63.0	<25.2	<12.5
trans-1,2-Dichloroethene	(ug/kg)	62.6	<b>1,560,000</b>	<13.3	<12.7	<12.7	<12.8	<12.5	<50.4	<63.6	<25.4	<12.6
Vinyl Chloride	(ug/kg)	0.1	<b>67</b>	<12.4	<11.9	<11.9	<12.0	<11.7	<47.1	<59.5	<b>28.2 J</b>	<11.8
Methylene Chloride	(ug/kg)	2.56	<b>60,700</b>	--	--	--	--	--	--	--	--	--

Exceedance Highlights:

**BOLD Red** font indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 1/16/16, and BTV exceedance for metals.

**\*B1\***: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

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Table A.2.a  
 Soil Analytical Results Table - Post 2020 Excavation  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	PZ-3R							PZ-5	MW-14		MW-15			MW-16	
Date	1/22/21							1/22/21	1/22/21		1/26/21			1/25/21				
Depth	2'			5'	10'	15'	20'	25'	30'	40'	20'	25'	25'	30'	35'	20'	25'	
Saturated (S) or Unsaturated (U)	S			S	S	S	S	S	S	S	S	S	S	S	S	S	S	
PID Reading	--			--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Notes																		
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	23.9 J	514	<24.4	<22.8	<23.0	<23.1	<23.3	<24.3	<23.0	<23.1	80.6	73.8	269	<23.1	<23.2
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<22.7	80.2	58.4 J	<22.0	<22.1	<22.3	<22.5	<23.4	<22.2	<22.3	<22.3	<22.8	<22.6	<22.2	<22.3
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<13.0	73.5	468	<12.6	<12.7	<12.8	<12.9	<13.4	<12.7	<12.8	<12.8	<13.0	<12.9	458	<12.8
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<13.1	<13.9	32.6 J	<12.7	<12.8	<12.9	<13.0	<13.5	<12.8	<12.9	<12.9	<13.1	<13.1	<12.8	<12.9
Vinyl Chloride	(ug/kg)	0.1	67	<12.3	<13.0	39.3 J	<11.9	<12.0	<12.1	<12.2	<12.7	<12.0	<12.0	<12.0	<12.3	<12.2	266	<12.1
Methylene Chloride	(ug/kg)	2.56	60,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	B-130		B-131		B-131 R	B-132		B-133		B-134		B-135		B-136	
Date	8/24/22			8/25/22		9/19/22	8/24/22		8/24/22		8/24/22		8/24/22		8/24/22			
Depth	2'			5'	2'	10'	5'	2'	5'	2'	5'	2'	5'	2'	5'	2'	5'	
Saturated (S) or Unsaturated (U)	U			S	U	S	S	U	U	U	U	U	U	U	U	U	U	
PID Reading	0.0			0.0	0.3	0.0	--	0.0	0.0	0.1	0.0	0.4	0.2	0.0	0.1	1.6	0.8	
Notes																		
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<23.6	<25.6	<24.9	<28.3	<32.2	<20.8	55.4 J	706	<23.6	7,830	8,650	4,010	2,340	1,030	<23.2
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<22.7	<24.7	<24.0	<27.3	<31.1	<20.0	<22.4	129	<22.7	191	896	408	558	398	<22.3
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<13.0	<14.1	<13.7	<15.6	<17.8	<11.4	<12.8	<12.6	<13.0	40.6 J	241	23.1 J	102	34.3 J	<12.8
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<13.1	<14.3	<13.8	<15.7	<17.9	<11.6	<13.0	<12.7	<13.1	<12.2	45.0 J	<11.8	30.2 J	<12.5	<12.9
Vinyl Chloride	(ug/kg)	0.1	67	<12.3	<13.3	<12.9	<14.7	<16.8	<10.8	<12.1	<11.9	<12.3	<11.4	<13.5	<11.1	<13.2	<11.7	<12.1
Methylene Chloride	(ug/kg)	2.56	60,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Exceedance Highlights:

**BOLD Red** font indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 1/16/16, and BTV exceedance for metals.

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Table A.2.a  
 Soil Analytical Results Table - Post 2020 Excavation  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	B-137		B-138		B-139		B-140		B-141		B-142	
Date	8/24/22			8/24/22		8/24/22		8/24/22		8/24/22		8/24/22			
Depth	2'			5'	2'	5'	2'	5'	2'	5'	2'	5'	2'	5'	
Saturated (S) or Unsaturated (U)	U			U	U	U	U	U	U	U	U	U	U	U	
PID Reading	0.9			0.8	0.3	0.3	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	
Notes															
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<b>765</b>	<b>25.3 J</b>	<22.4	<b>36.8 J</b>	<21.9	<23.7	<b>289</b>	<29.4	<b>116</b>	<b>26.8 J</b>	<b>42.9 J</b>	<22.4
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<b>579</b>	<b>34.5 J</b>	<21.6	<20.8	<21.1	<22.8	<21.8	<28.3	<22.9	<23.9	<22.2	<21.6
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	23.0 J	17.3 J	<12.4	<11.9	<12.1	<13.0	27.1 J	<16.2	<13.1	<13.7	<12.7	<12.4
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<13.2	<12.2	<12.5	<12.0	<12.2	<13.2	<12.6	<16.4	<13.2	<13.8	<12.8	<12.5
Vinyl Chloride	(ug/kg)	0.1	67	<12.3	<11.4	<11.7	<11.3	<11.4	<12.3	<11.8	<15.3	<12.4	<12.9	<12.0	<11.7
Methylene Chloride	(ug/kg)	2.56	60,700	--	--	--	--	--	--	--	--	--	--	--	--

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	B-143		B-144		B-145		B-146		B-147	
Date	8/24/22			8/24/22		8/24/22		8/24/22		8/24/22			
Depth	2'			5'	2'	5'	2'	5'	2'	5'	2'	5'	
Saturated (S) or Unsaturated (U)	U			U	U	U	U	S	U	U	U	U	
PID Reading	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Notes													
Tetrachloroethene (PCE)	(ug/kg)	4.50	33,000	<21.8	<21.9	<b>195</b>	<b>366</b>	<b>88.6</b>	<b>460</b>	<b>524</b>	<b>271</b>	<b>161</b>	<24.9
Trichloroethene (TCE)	(ug/kg)	3.60	1,300	<21.1	<21.1	<21.7	<23.6	<23.2	<25.9	<b>57.2</b>	<26.0	<20.0	<24.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<12.0	<12.1	<12.4	<13.5	<13.2	<14.8	39.6 J	<14.9	<11.4	13.7 J
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<12.2	<12.2	<12.5	<13.6	<13.4	<15.0	<11.7	<15.0	<11.5	<13.9
Vinyl Chloride	(ug/kg)	0.1	67	<11.4	<11.4	<11.7	<12.7	<12.5	<14.0	<10.9	<14.0	<10.8	<13.0
Methylene Chloride	(ug/kg)	2.56	60,700	--	--	--	--	--	--	--	--	--	--

Exceedance Highlights:

**BOLD Red** font indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 1/16/16, and BTV exceedance for metals.

**\*B1\***: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

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**Notes:**

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- RCL = Residual Contaminant Level
- DC = Direct Contact



Table A.2.a  
 Soil Analytical Results Table - Post 2020 Excavation  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact RCL (ug/kg)	TRIP BLANK					
Date				12/1/20	1/22/21	1/26/21	8/24/22	8/25/22	9/19/22
Depth				--	--	--	--	--	--
Saturated (S) or Unsaturated (U)				--	--	--	--	--	--
PID Reading				--	--	--	--	--	--
Notes									
Tetrachloroethene (PCE)	(ug/kg)	4.50	<b>33,000</b>	<19.4	<19.4	<19.4	<19.4	<19.4	<19.4
Trichloroethene (TCE)	(ug/kg)	3.60	<b>1,300</b>	<18.7	<18.7	<18.7	<18.7	<18.7	<18.7
cis-1,2-Dichloroethene	(ug/kg)	41.2	<b>156,000</b>	<10.7	<10.7	<10.7	<10.7	<10.7	<10.7
trans-1,2-Dichloroethene	(ug/kg)	62.6	<b>1,560,000</b>	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8
Vinyl Chloride	(ug/kg)	0.1	<b>67</b>	<10.1	<10.1	<10.1	<10.1	<10.1	<10.1
Methylene Chloride	(ug/kg)	2.56	<b>60,700</b>	--	--	--	--	--	--

Exceedance Highlights:

**BOLD Red** font indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 1/16/16, and BTV exceedance for metals.

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**Notes:**

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**Table A.2.b**  
**Soil Analytical Results Table - Pre 2024 Excavation**  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct- Contact RCL (ug/kg)	B-151		B-152		B-153		B-159		B-160		B-161	
Date				11/2/23		11/2/23		11/2/23		11/2/23		11/2/23		11/2/23	
Depth				2'	5'	2'	5'	2'	5'	2'	5'	2'	5'	2'	5'
DEPTH to Seasonal Low Water Table (ft BGS)				8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'
Saturated (S) or Unsaturated (U)				U	U	U	U	U	U	U	U	U	U	U	U
PID Reading				0.407	0.271	0.394	0.245	0.326	0.257	0.382	0.436	0.221	0.355	0.340	0.340
Notes															
Tetrachloroethene (PCE)	(ug/kg)	4.50	<b>33,000</b>	<i>1,650</i>	<i>54.8 J</i>	<i>728</i>	<i>71.3</i>	<i>348</i>	<i>52.8 J</i>	<i>124</i>	<i>137</i>	<i>42.4 J</i>	<31.3	<i>36.1 J</i>	<i>2,150</i>
Trichloroethene (TCE)	(ug/kg)	3.60	<b>1,300</b>	<i>35.6 J</i>	<24.7	<22.4	<26.4	<21.6	<26.4	<i>31.6 J</i>	<25.9	<27.8	<30.2	<21.9	<i>34.8 J</i>
cis-1,2-Dichloroethene	(ug/kg)	41.2	<b>156,000</b>	<13.9	<14.1	<12.8	<15.1	<12.3	<15.1	25.9 J	<14.8	<15.9	<17.3	<12.5	<13.4
trans-1,2-Dichloroethene	(ug/kg)	62.6	<b>1,560,000</b>	<14.2	<14.4	<13.1	<15.5	<12.6	<15.4	<14.6	<15.1	<16.3	<17.6	<12.8	<13.7
Vinyl Chloride	(ug/kg)	0.1	<b>67</b>	<13.1	<13.3	<12.1	<14.3	<11.6	<14.2	<13.5	<14.0	<15.0	<16.3	<11.8	<12.7
Methylene Chloride	(ug/kg)	2.56	<b>60,700</b>	--	--	--	--	--	--	--	--	--	--	--	--

**Exceedance Highlights:**

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**Table A.2.b**  
**Soil Analytical Results Table - Pre 2024 Excavation**  
 Bay Towel - Solvent Investigation  
 501 Adams St., Green Bay, WI 54301  
 BRRTS# 02-05-237064

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct- Contact RCL (ug/kg)	B-162		B-163	B-164		B-165		B-166		B-167		Trip Blank		
Date				11/2/23		11/2/23	11/2/23		11/2/23		11/2/23		11/2/23		11/2/23		
Depth				2'	5'	2'	2'	5'	2'	5'	2'	5'	2'	5'	2'	5'	--
DEPTH to Seasonal Low Water Table (ft BGS)				8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	--
Saturated (S) or Unsaturated (U)				U	U	U	U	U	U	U	U	U	U	U	U	U	--
PID Reading				0.275	1.6	0.290	0.368	0.166	3.6	0.308	1.8	0.339	0.644	1.8			--
Notes																	
Tetrachloroethene (PCE)	(ug/kg)	4.50	<b>33,000</b>	<i>33.9 J</i>	<21.0	<25.6	<i>700</i>	<26.2	<23.4	<21.6	<22.9	<23.7	<20.9	<27.8	<19.4		
Trichloroethene (TCE)	(ug/kg)	3.60	<b>1,300</b>	<23.3	<20.3	<24.7	<i>36.1 J</i>	<25.3	<22.5	<20.8	<22.1	<22.8	<20.2	<26.8	<18.7		
cis-1,2-Dichloroethene	(ug/kg)	41.2	<b>156,000</b>	<13.4	<11.6	<14.1	<14.1	<14.5	<12.9	<11.9	<12.6	<13.1	<11.5	<15.3	<10.7		
trans-1,2-Dichloroethene	(ug/kg)	62.6	<b>1,560,000</b>	<13.6	<11.9	<14.4	<14.4	<14.8	<13.2	<12.2	<12.9	<13.3	<11.8	<15.7	<10.9		
Vinyl Chloride	(ug/kg)	0.1	<b>67</b>	<12.6	<11.0	<13.3	<13.3	<13.7	<12.2	<11.2	<11.9	<12.3	<10.9	<14.5	<10.1		
Methylene Chloride	(ug/kg)	2.56	<b>60,700</b>	--	--	--	--	--	--	--	--	--	--	--	--		

**Exceedance Highlights:**

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