Beggs, Tauren R - DNR

From: Beggs, Tauren R - DNR

Sent: Friday, January 19, 2024 1:14 PM

To: Cull, Whitney

Cc: Byers, Harris; Knapke, Eric; Adam Tegen

Subject: RE: REVISED Construction Documentation Reports – River Point Drive & Buffalo Street, Manitowoc,

WI

Thanks Whitney

We are committed to service excellence.

Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Tauren R. Beggs

Phone: (920) 510-3472

<u>Tauren.Beggs@wisconsin.gov</u> (preferred contact method during work at home)

From: Knapke, Eric < Knapke. Eric @epa.gov> Sent: Friday, January 19, 2024 12:51 PM

To: Cull, Whitney < Whitney. Cull@stantec.com>; Adam Tegen < ategen@manitowoc.org>; Beggs, Tauren R - DNR

<Tauren.Beggs@wisconsin.gov>

Cc: Byers, Harris < Harris. Byers@stantec.com>

Subject: RE: REVISED Construction Documentation Reports - River Point Drive & Buffalo Street, Manitowoc, WI

Thanks for the clarification. I have saved these to the appropriate grant files.

Thanks, Eric

From: Cull, Whitney < Whitney. Cull@stantec.com>

Sent: Friday, January 19, 2024 11:22 AM

To: Knapke, Eric <Knapke.Eric@epa.gov>; Adam Tegen <ategen@manitowoc.org>; Beggs, Tauren R - DNR

<Tauren.Beggs@wisconsin.gov>

Cc: Byers, Harris < Harris. Byers@stantec.com>

Subject: REVISED Construction Documentation Reports - River Point Drive & Buffalo Street, Manitowoc, WI

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good morning Eric,

<u>Thank you</u> for pointing out the grant and cooperative agreement language. To that end, we have the following edits (highlighted below) to the second paragraphs of each of those documents. Note that these reports were completed as part of **two, separate grants**:

Buffalo Street Right of Way: This Construction Documentation Report was completed on behalf of the City of Manitowoc (the City) Community Development Authority (CDA) using funds from a brownfield cleanup grant awarded to the CDA by the United States Environmental Protection Agency (USEPA) on September 29, 2022. The USEPA Brownfields Cooperative Agreement Number is BF00E03197.

River Point Drive Right of Way: This Interim Construction Documentation Report was completed on behalf of the City of Manitowoc (the City) Community Development Authority (CDA) using funds from a brownfield cleanup grant awarded to the CDA by the United States Environmental Protection Agency (USEPA) on September 30, 2023. The USEPA Brownfields Cooperative Agreement Number is 4B00E03573.

I apologize for these typos. For clarity, I have attached an updated copy of each of these reports with today's date – January 19, 2024.

Apart from the above (grant language, date), no other changes were made to the content of the attached. @Beggs, Tauren R - DNR: Please replace the versions submitted via the portal with the attached, for continuity with USEPA program records.

Thank you, and have a wonderful weekend!

Whitney Cull

Stantec

Geological Engineer in Training

Mobile: (262) 219 - 4740

From: Knapke, Eric < Knapke.Eric@epa.gov > Sent: Friday, January 19, 2024 9:20 AM

To: Cull, Whitney < Whitney.Cull@stantec.com >; Adam Tegen < ategen@manitowoc.org >

Cc: Byers, Harris < <u>Harris.Byers@stantec.com</u>>; Beggs, Tauren R - DNR < <u>Tauren.Beggs@wisconsin.gov</u>> **Subject:** RE: Interim Construction Documentation Report – River Point Drive Rights of Way, Manitowoc, WI

You don't often get email from knapke.eric@epa.gov. Learn why this is important

Hello all,

Thanks for sending these—nice to see the work done at the River Point District. I just have one minor edit to suggest for both construction reports (River Point Dr. ROW, Buffalo St. ROW). In the second paragraph of each document, please refer to the correct EPA grant: instead of an assessment grant, both have been funded under a **cleanup** grant, No. 4B00E03573. Just want to make sure we have proper documentation, especially since Manitowoc has multiple EPA brownfields grants, including both cleanup and assessment grants.

Thanks,

Eric Knapke, MPH

Brownfields Project Manager
U.S. Environmental Protection Agency, Region 5
77 W. Jackson Blvd
Chicago, IL 60604
312-353-6292
knapke.eric@epa.gov

Check out our StoryMap on Brownfields Successes in Detroit!

Subscribe to our EPA Region 5 Brownfields Newsletter



From: Cull, Whitney < Whitney.Cull@stantec.com>

Sent: Thursday, January 18, 2024 5:33 PM

To: Adam Tegen <ategon@manitowoc.org>; Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>; Knapke, Eric

<Knapke.Eric@epa.gov>

Cc: Byers, Harris < Harris. Byers@stantec.com>

Subject: Interim Construction Documentation Report - River Point Drive Rights of Way, Manitowoc, WI

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Hello all,

The attached Interim Construction Documentation Report summarizes the redevelopment work completed in Fall 2023 in the River Point Drive Rights of Way and adjoining future mixed-use multi-family residential and commercial parcels at the River Point District in Manitowoc, Wisconsin. Associated tasks performed to date include monitoring well abandonment, and sitewide grading.

Tauren – this report was also uploaded through the WDNR portal for your records, for tracking under BRRTS # 02-36-585491.

Thank you,

Whitney Cull

Geological Engineer in Training Mobile: (262) 219 - 4740



We've moved, but just across the street! Please note our new address, effective 5/23/2022:

Stantec

12080 Corporate Parkway Suite 200

Mequon WI 53092-2649

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Stantec Consulting Services Inc. 12080 Corporate Parkway, Suite 200 Meguon WI 53092



January 19, 2024 File: 193709832

Attention: Mr. Adam Tegen Community Development Director 900 Quay Street Manitowoc, WI 54220 (920) 686-6931

Dear Mr. Adam Tegen,

Reference: Interim Construction Documentation Report – River Point Drive Rights of Way and Adjacent Future Multi-Family Residential and Commercial Parcels, Phase II Redevelopment Area, River Point District; Manitowoc, Wisconsin BRRTS ID: 02-36-585491 (Open ERP)

This Interim Construction Documentation Report summarizes the redevelopment work completed in Fall 2023 in the River Point Drive rights of way and adjoining future mixed-use multi-family residential and commercial parcels (herein referred to as the "Project Area") within the Phase II Redevelopment Area at the River Point District in Manitowoc, Wisconsin. The location of the Project Area, the Phase II Redevelopment Area, and the greater River Point District are outlined in black, green, and yellow, respectively, on **Figure 1** and **Figure 2**. Proposed engineered barrier features for the Project Area are illustrated on **Figure 3**. Environmental investigation history for the Project Area is tracked under Wisconsin Department of Natural Resources (WDNR) Bureau for Remediation and Redevelopment Tracking System (BRRTS) case number 02-36-585491.

This Interim Construction Documentation Report was completed on behalf of the City of Manitowoc (the City) Community Development Authority (CDA) using funds from a brownfield cleanup grant awarded to the CDA by the United States Environmental Protection Agency (USEPA) on September 30, 2023. The USEPA Brownfields Cooperative Agreement Number is 4B00E03573.

BACKGROUND

Residual environmental impacts are present in the Phase II Redevelopment Area associated with the placement of fill in the late 19th Century and the release(s) of hazardous substances and/or petroleum by multiple prior owners/tenants, as summarized in the Stantec (2019) Phase I Environmental Site Assessment (ESA).

Soil Impacts. The most significant soil impacts at the Property, according to the Stantec (2023a) Site Investigation Report, primarily consist of polycyclic aromatic hydrocarbons (PAHs) and Resource Conservation and Recovery (RCRA) metals associated with black granular fill materials extending across the River Point District, as depicted on **Figure 4**. Less significant soil impacts include petroleum volatile organic compounds (PVOCs) and chlorinated VOCs (CVOCs). These contaminants of concern (COCs) exceed direct contact and/or soil to groundwater NR 720 Wisconsin Administrative Code (WAC) Residual Contaminant Levels (RCLs), as depicted on **Figure 5**.

January 19, 2024 Mr. Adam Tegen Page 2 of 5

Reference:

Interim Construction Documentation Report – River Point Drive Rights of Way and Adjacent Future Multi-Family Residential and Commercial Parcels, Phase II Redevelopment Area, River Point District; Manitowoc, Wisconsin

Groundwater Impacts. In groundwater, COCs consist of PVOCs and CVOCs exceeding NR 140 WAC Enforcement Standards (ESs) and/or Preventative Action Limits (PALs). The extents of groundwater impacts exceeding established NR 140 WAC standards are illustrated on **Figure 6**.

Vapor Intrusion. There are currently no structures within the Project Area. Redevelopment within the Project Area includes public road rights of way (ROW) and associated greenspace which will be owned and maintained in perpetuity by the City (**Figure 3**). Therefore, vapor does not represent a threat to human health or the environment in the ROW. The Project Area also includes portions of adjoining land targeted for multifamily residential and commercial redevelopments. Sub-slab depressurizations systems will be designed/installed beneath future multi-family residential and commercial buildings constructed in the Project Area (and elsewhere within the Phase II Redevelopment Area) to mitigate the risk from vapor intrusion.

PROJECT AREA CONSTRUCTION ACTIVITIES

As described below, remedial activities were completed in Fall 2023 and consisted of two primary tasks performed in accordance with the Stantec (2023b) RAP/MMP; a photographic log of Project Area activities performed in 2023 is provided in **Attachment A.**

Task 1. Monitoring Well Abandonment. Between March 2020 and October 2023 and in accordance with ch. NR 141 WAC, four temporary monitoring wells (TW-31, TW-32, TW-295, and TW-300) and ten permanent monitoring wells (MW-2, MW-4, MW-5, MW-6, MW-151, MW-153, MW-301, MW-303, MW-304, and MW-305) were abandoned in areas where the wells would otherwise be disturbed or lost as part of upcoming redevelopment activities (refer to **Figure 3**). At a minimum, the top five feet of well casing was completely removed from each well and sealed using bentonite chips, with the entire screen and casing being removed in several instances. Well abandonment forms are included in **Attachment B**.

• Note: Eleven monitoring wells (MW-135, MW-136, MW-140, MW-143, MW-144, MW-149, MW-154, MW-155, MW-156, MW-166, and MW-298) were destroyed as part of grading and construction equipment staging in or directly adjacent to the Project Area in Fall 2023 prior to abandonment. The eleven missing wells are depicted in purple on Figure 3. Stantec will attempt to relocate and appropriately abandon these eleven wells in Spring 2024 prior to final Project Area grading/capping, and will document these efforts in a future Construction Documentation Report. If not found, these wells will represent a continuing obligation at the time of future BRRTS case closure due to improper abandonment. The wells will need to be abandoned in accordance with ch. NR 141 WAC if they are encountered in the future (ex. during future utility work).

Task 2. Initial Grading of Project Area (2023). In Fall 2023, approximately 12,500 cubic yards of fill material previously characterized by Stantec (2023c,d) and approximately 7,500 cubic yards of crushed quarry/ granular material previously characterized by Stantec (2023e) and was placed/compacted in the Project Area to construct a soil engineered barrier suitable to prevent direct contact with impacted soils. Placement of the imported material brought the Project Area to rough grade and allows compressible soils to achieve equilibrium prior to final construction activities to be performed in Spring 2024. In total, as part of Task 2, approximately 20,000 cubic yards of imported fill materials (Stantec [2023c,d,e]) were placed/compacted in the Project Area, raising the grade of the River Point Drive ROW an average of 6.5 feet (from 584-586 ft above mean sea level prior to redevelopment, to 590-593 ft above mean sea level as of December 2023). An interim grading exhibit depicting current Project Area topography is included in **Attachment C**.

January 19, 2024 Mr. Adam Tegen Page 3 of 5

Reference:

Interim Construction Documentation Report – River Point Drive Rights of Way and Adjacent Future Multi-Family Residential and Commercial Parcels, Phase II Redevelopment Area, River Point District; Manitowoc, Wisconsin

As described in the Stantec (2023b) RAP/MMP, the preliminary grading performed in 2023 serves as an interim barrier for direct contact until final streetscape/utility work is completed. Erosion and stormwater controls following WDNR Best Management Practices were implemented following initial grading activities per Stantec (2023b) to protect the Project Area from stormwater and wind erosion until construction resumes in Spring 2024.

NEXT STEPS

The Project Area is currently at rough final grade with temporary erosion control measures in place. Per the Stantec (2023b) RAP/MMP, the following construction activities are planned to continue in the Project Area in Spring 2024:

Utility Installation in the ROW. When soils placed in 2023 have undergone suitable settlement and compaction, new utilities will be installed within the River Point Drive ROW to support proposed future adjoining residential and commercial redevelopment at the River Point District. The installation/trenching is not anticipated to disturb impacted fill materials at the Property (i.e., proposed utility excavations are sufficiently shallow not to encounter this material). In the event that impacted fill materials are unexpectedly disturbed as part of utility installation, they will be transported offsite and managed for disposal at a licensed solid waste landfill.

Final Grading of the ROW (2024). When soils placed in 2023 have undergone suitable settlement and compaction, additional fill will be placed in 2024 to achieve finished grades in the Project Area needed to tie into the proposed elevations for the north-adjoining Phase III Redevelopment Area. Materials imported and placed in this way will be sourced from a quarry and/or be pre-characterized prior to placement onsite (ex. Stantec, [2023c,d,e]).

Engineered Barrier Finishing in the ROW. In accordance with NR 140, NR 720 and Chapter NR 718.12 (2) WAC, direct contact or groundwater migration concern will be further addressed through the installation of the final engineered surface barrier (cap). This cap will consist of hardscape (e.g., asphalt and/or concrete streetscapes, curbs, and sidewalks) and a 24-inch soil cap in softscape/landscape areas, with no less than 19 inches of clean imported granular or clay fill covered with five inches of imported topsoil and grass. Proposed final capping features are illustrated on **Figure 3**.

Final utility installation, final grading, and the final placement of engineered barrier features (River Point Drive ROW and associated greenspace) are scheduled to be completed in 2024. A separate, final Construction Documentation Report will be prepared to document these items upon the completion of River Point Drive ROW construction.

Constructing/Finishing Engineered Barriers in the Adjacent Future Commercial and Multi-Family Residential Parcels. Remedial work in the Project Area initiated construction of the necessary engineered barrier(s) on the adjacent future commercial and multi-family residential parcels. Additional clean fill will be imported in the future to finish construction of the necessary engineered barrier(s) and bring the parcels to grade. The engineered barriers are likely to be finished with a mixture of hardscape (e.g., buildings, sidewalks, driveways, parking lots) and landscaping by future private developers. Future import of clean fill and finishing of the engineered barriers on the adjacent parcels will be described in one or more future RAP/MMPs.

January 19, 2024 Mr. Adam Tegen Page 4 of 5

Reference:

Interim Construction Documentation Report – River Point Drive Rights of Way and Adjacent Future Multi-Family Residential and Commercial Parcels, Phase II Redevelopment Area, River Point District; Manitowoc, Wisconsin

We recommend submitting a copy of this Interim Construction Documentation Report to WDNR for project documentation.

Regards,

STANTEC CONSULTING SERVICES INC.

Whitney Cull, EIT

Geological Engineer in Training Whitney.Cull@Stantec.com Phone: (262) 219-4740

Harris L. Byers, Ph.D.

Sr. Brownfields Project Manager Harris.Byers@Stantec.com Phone: 414-581-6476 Stu Gross, PG

Senior Project Manager Stu.Gross@stantec.com Phone: (262) 643-9159

ENCLOSURES

Figures

Figure 1: Project Area and Regional Topography
Figure 2: Project Area and 2020 Orthophotograph
Figure 3: Project Area and Engineered Barrier Features

Figure 4: Thickness of Historic Fill Materials Figure 5: Project Area and Soil Impacts

Figure 6: Project Area and Groundwater Impacts

<u>Attachments</u>

Attachment A: Photographic Log

Attachment B: Well Abandonment Forms

Attachment C: Interim Project Area Grades (December 2023)

REFERENCES

Stantec, 2019. Phase I Environmental Site Assessment, 10th Street Railroad Property; Manitowoc, Wisconsin March 21, 2019.

Stantec, 2023a, Site Investigation Report, River Point District Phase 2 Redevelopment Area; Manitowoc, Wisconsin, September 10, 2021.

Stantec, 2023b. Remedial Action Plan & Materials Management Plan; Phase 2 Redevelopment Area; River Point District; Manitowoc, Wisconsin; River Point Drive Rights of Way. June 2, 2023.

Stantec, 2023c. Characterization of Soil in the Reed Avenue (N 2nd to N 8th Streets) Rights of Way; Manitowoc, Wisconsin. April 21, 2023.

Stantec, 2023d. Characterization of Soil at 333 Reed Avenue; Manitowoc, Wisconsin. May 19, 2023.

Stantec, 2023e. Characterization of Granular Fill, Proposed River Point Drive Rights-of-Way Extension, River Point District, Manitowoc, Wisconsin; BRRTS #'s 02-36-585491 & 07-36-583000, October 20, 2023.

January 19, 2024 Mr. Adam Tegen Page 5 of 5

Reference:

Interim Construction Documentation Report – River Point Drive Rights of Way and Adjacent Future Multi-Family Residential and Commercial Parcels, Phase II Redevelopment Area, River Point District; Manitowoc, Wisconsin

LIMITATIONS

The conclusions in this report are Stantec's professional opinion, as of the time of the report, and concerning the scope described in the report. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. This report relates solely to the specific project for which Stantec was retained and the stated purpose for which the report was prepared. This report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec has assumed all information received from the City and the CDA and third parties in the preparation of this report to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

This report is intended solely for use by the City and the CDA in accordance with Stantec's contract with the City and the CDA. While this report may be provided to applicable authorities having jurisdiction and others for whom the City and the CDA is responsible, Stantec does not warrant the services to any third party. This report may not be relied upon by any other party without the express written consent of Stantec, which may be withheld at Stantec's discretion.

FIGURES

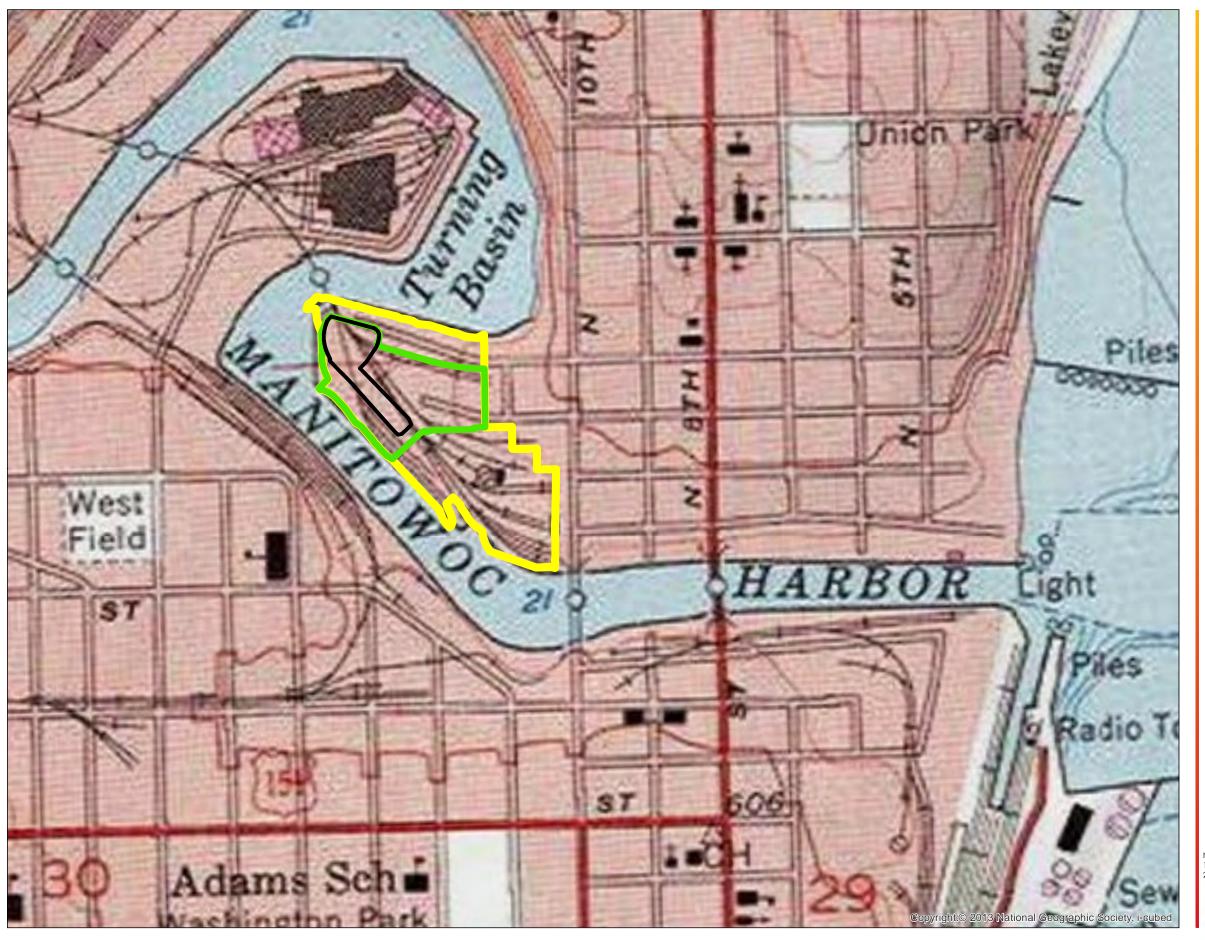
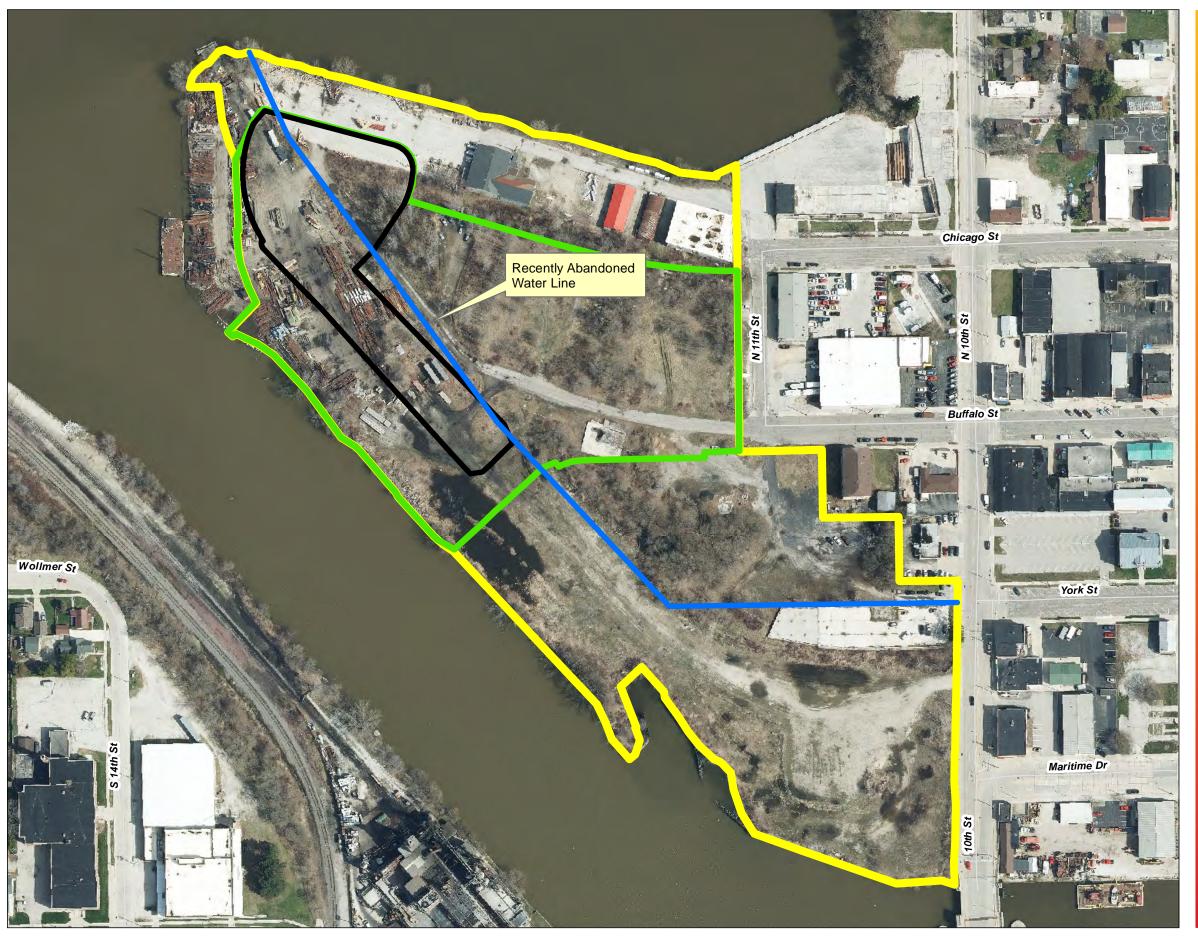
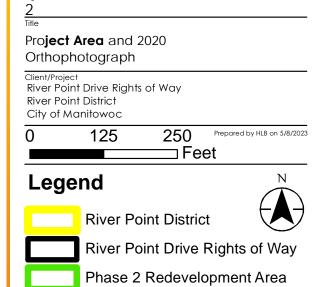


Figure No.									
Title									
Projec	Area and								
Regior	al Topography								
River Po	ect int Drive Rights of Wa int District Manitowoc	У							
0	395 7	90	Prepared by HLB on 5/31/2023						
		∃Fe	eet						
Leg	end		N						
	River Point	River Point District							
	River Point	River Point Drive Rights of Way							
	Phase 2 Re	dev	elopment Area						

NOTE: 1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet 2. Orthophotograph: Manitowoc County, 2020

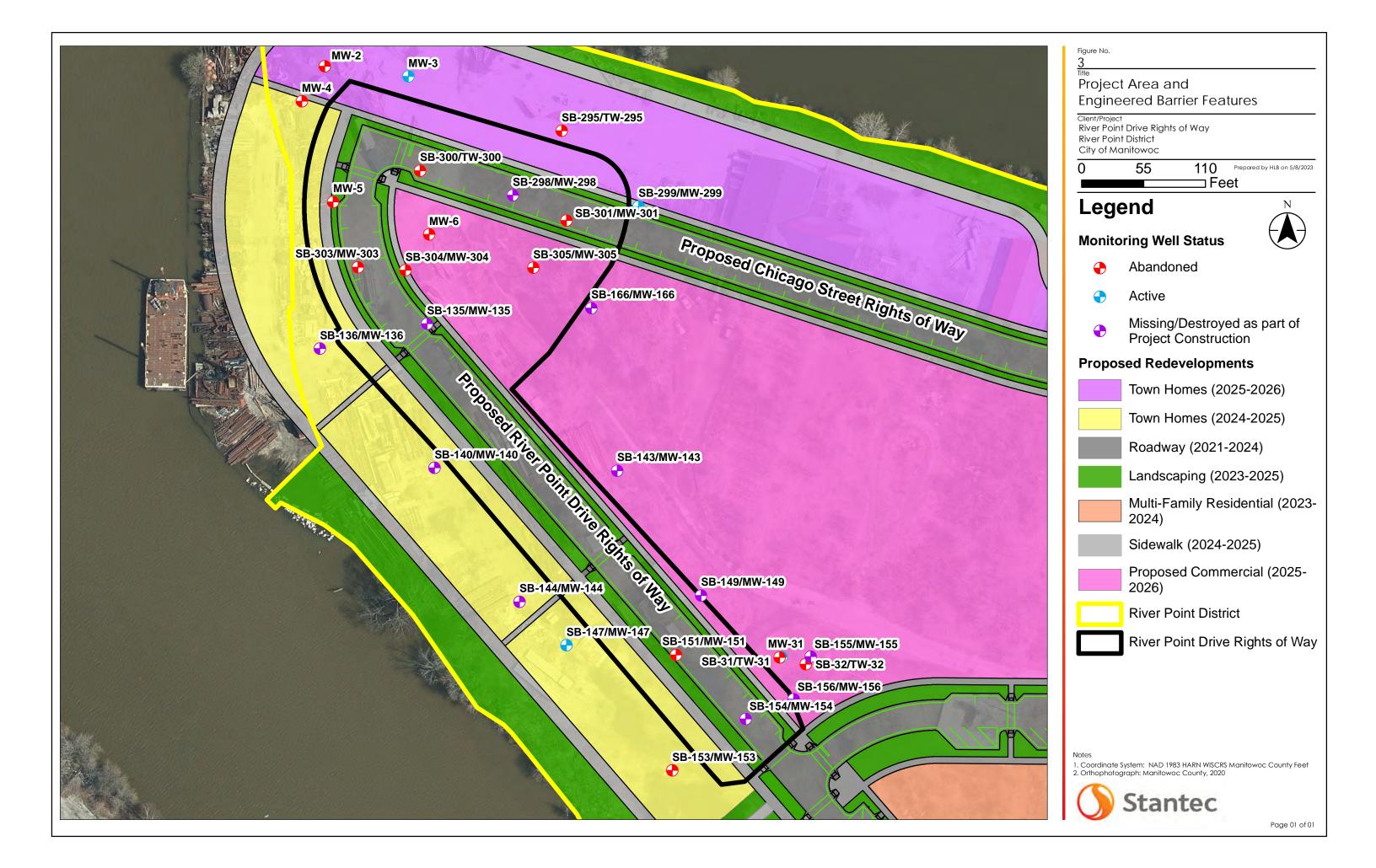






NOTE: 1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet 2. Orthophotograph: Manitowoc County, 2020





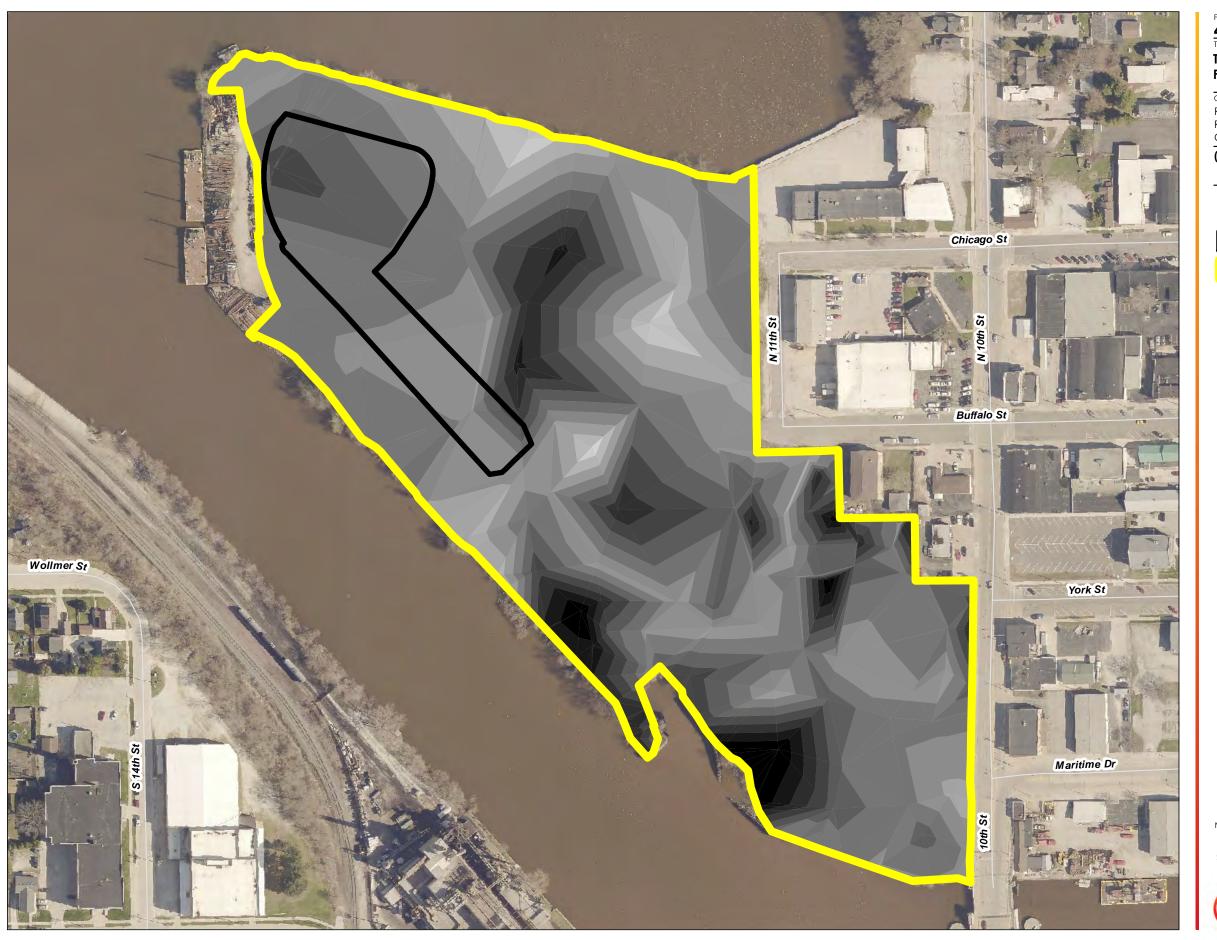


Figure N

4 Title

Thickness of Historic Fill Materials

Client/Project

River Point Drive Rights of Way River Point District

City of Manitowoc

Prepared by HLB on 5/8/2023

125 250 Prepi

Legend

R

River Point Drive Rights of Way





(Feet Below Ground Surface)

7.111 - 8

6.222 - 7.111

5.333 - 6.222

4.444 - 5.333

3.556 - 4.444

2.667 - 3.556

1.778 - 2.667

0.889 - 1.778

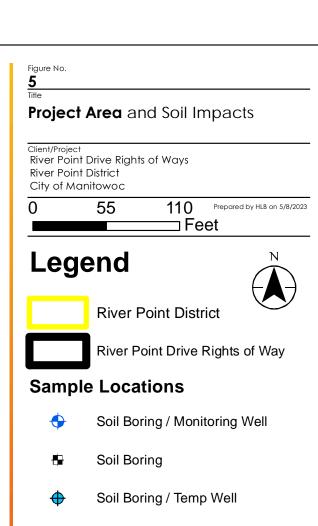
0 - 0.889

Notes

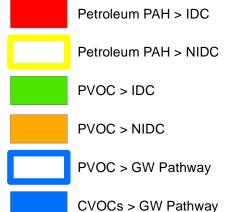
- 1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
- 2. Orthophotograph: Manitowoc County, 2020







Soil Impacts

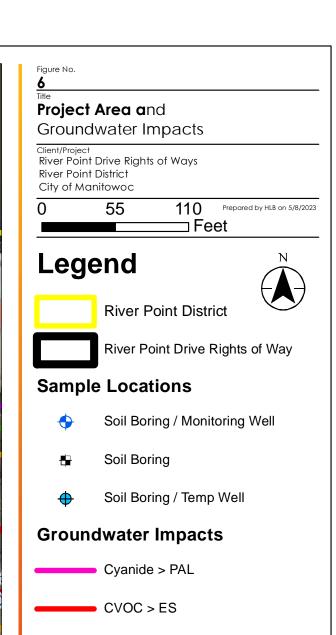


Notes

- 1. Coordinate System: NAD 1983 HARN WISCRS Manitowoc County Feet 2. Orthophotograph: Manitowoc County, 2020
- 3. PAH = polycyclic aromatic hydrocarbon; PVOC = petroleum volatile organic compound; CVOC = chlorinated volatile organic compound; SVOC = semi-volatile organic compound; IDC = industrial direct contact residual contaminant level; NIDC = non-industrial direct contact residual contaminant level; GW = groundwater.
- 4. Soil impacts illustrated on this drawing are in addition to the sitewide metals and PAH impacts associated with historic granular fill materials.







Notes

- 1. Coordinate System: NAD 1983 HARN WISCRS Manitowoc County Feet 2. Orthophotograph: Manitowoc County, 2020
- 3. PVOC = petroleum volatile organic compound; CVOC = chlorinated volatile organic compound; PAL = Preventive Action Limit; ES = Enforcement Standard



CVOC > PAL

PVOC > ES

PVOC > PAL

Attachment A Photographic Log



Development Authority

Site Name: River Point Drive Site Location: River Point District; Manitowoc, WI

Photograph ID: 1

Photo Location: River Point Drive

Direction: Looking north

Survey Date: 5/27/2022

Comments:

Conditions in northern portion of Project Area prior to grading (as seen from SB-137)



Photograph ID: 2

Photo Location: River Point Drive

Direction: Looking west

Survey Date: 5/27/2022

Comments:

Conditions in central portion of Project Area prior to grading (as seen from SB-142)



Attachment A Page 1 of 8



Development Authority

Site Name: River Point Drive Site Location: River Point District; Manitowoc, WI

Photograph ID: 3

Photo Location: River Point Drive

Direction:

Looking northwest

Survey Date: 6/28/2022

Comments:

Conditions in southern portion of Project Area prior to grading (as seen from Buffalo Street)



Photograph ID: 4

Photo Location: River Point Drive

Direction:

Looking northwest

Survey Date: 6/29/2023

Comments:

Project Area conditions prior to grading



Attachment A Page 2 of 8



Development Authority

Site Name: River Point Drive Site Location: River Point District; Manitowoc, WI

Photograph ID: 5

Photo Location: River Point Drive

Direction: Looking south

Survey Date: 8/8/2023

Comments:

Conditions in northern portion of Project Area prior to grading (MW-303 shown)



Photograph ID: 6

Photo Location: River Point Drive

Direction: Looking west

Survey Date: 8/30/2023

Comments:

Conditions in northern portion of Project Area prior to grading (TW-300 shown)



Attachment A Page 3 of 8



Development Authority

Site Name: River Point Drive Site Location: River Point District; Manitowoc, WI

Photograph ID: 7

Photo Location: River Point Drive

Direction:

Looking northwest

Survey Date: 10/31/2023

Comments:

Filling in the Project Area starting in October 2023



Photograph ID: 8

Photo Location: River Point Drive

Direction:

Looking northwest

Survey Date: 11/7/2023

Comments:

Filling in the Project Area substantially completed by November 2023 (as seen from Buffalo Street intersection)



Attachment A Page 4 of 8



Development Authority

Site Name: River Point Drive Site Location: River Point District; Manitowoc, WI

Photograph ID: 9

Photo Location: River Point Drive

Direction: Looking west

Survey Date: 11/7/2023

Comments:

Filling in the Project Area substantially completed by November 2023 (as seen from Buffalo Street intersection)



Photograph ID: 10

Photo Location: River Point Drive

Direction:

Looking southwest

Survey Date: 11/15/2023

Comments:

Filling in the Project Area substantially completed by November 2023 (as seen from north-adjoining property)



Attachment A Page 5 of 8



Development Authority

Site Name: River Point Drive Site Location: River Point District; Manitowoc, WI

Photograph ID: 11

Photo Location: River Point Drive

Direction:

Looking northwest

Survey Date: 1/11/2024

Comments:

Current Project Area conditions, with River Point Drive ~6.5 feet above former grade (as seen from Buffalo Street intersection)



Photograph ID: 12

Photo Location: River Point Drive

Direction: Looking west

Survey Date: 1/11/2024

Comments:

Current Project Area conditions, with River Point Drive ~6.5 feet above former grade (as seen from Buffalo Street intersection)



Attachment A Page 6 of 8



Development Authority

Site Name: River Point Drive Site Location: River Point District; Manitowoc, WI

Photograph ID: 13

Photo Location: River Point Drive

Direction:

Looking northeast

Survey Date: 1/11/2024

Comments:

Current Project Area conditions, with River Point Drive ~6.5 feet above former grade (as seen from Buffalo Street intersection)



Photograph ID: 14

Photo Location: River Point Drive

Direction:

Looking northwest

Survey Date: 1/11/2024

Comments:

Current Project Area conditions, with River Point Drive ~6.5 feet above former grade (as seen from northwest portion of Project Area)



Attachment A Page 7 of 8



Development Authority

Site Name: River Point Drive Site Location: River Point District; Manitowoc, WI

Photograph ID: 15

Photo Location: River Point Drive

Direction: Looking east

Survey Date: 1/11/2024

Comments:

Current Project Area conditions, with River Point Drive ~6.5 feet above former grade (as seen from northwest portion of Project Area)



Photograph ID: 16

Photo Location: River Point Drive

Direction:

Looking southeast

Survey Date: 1/11/2024

Comments:

Current Project Area conditions, with River Point Drive ~6.5 feet above former grade (as seen from northeast portion of Project Area)



Attachment A Page 8 of 8

Attachment B Well Abandonment Forms

State of Wis., Dept. of Natural Resources dnr.wi.gov

MU1-2

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other number. Return form to the appropriate DNR office and burgary. See instructions on reverse for more information.

purpose Return form to the appropriate DNR office		ons on reverse for more information,	
	Route to DNR Bureau:		\forall
Verification Only of Fill and Seal	Drinking Water	Watershed/Wastewater	Remediation/Redevelopment
	Waste Manageme	nt Other:	- \$1.5°
1. Well Location Information		2. Facility / Owner Information	
County WI Unique Well # of	Hicap #	Facility Name	
Removed Well		River Point Distri	Ct
Manitowoc		Facility ID (FID or PWS)	•
Latitude / Longitude (see instructions) Forma		, , , , , , , , , , , , , , , , , , , ,	
44.0962 N X	DD X GPS008	License/Permit/Monitoring #	
87.6652 w	DDM DTH001	Licenses, entire violation in a	
0,10002		Original Well Owner	
146 1 100		Original Well Owner	
or Gov't Lot# 30 1	9 N 24 1 W	Present Well Owner	
Well Street Address		City of Manitowa	20
NIOTH St. 4 N. 11th Jt.		Mailing Address of Present Owner	
Well City, Village or Town	Well ZIP Code		
Manitowoc	54220	900 Quay Street	State ZID Code
Subdivision Name	Lot#	City of Present Owne	State ZIP Code 6/177
River Point District		Manitowoo	W1 3977
	II # of Replacement Well	4. Pump, Liner, Screen, Casing &	Yes No N/A
No longer needed		Pump and piping removed?	
3. Filled & Sealed Well / Drillhole / Borehole		Liner(s) removed?	
Monitoring Well Original Constructi	on Date (mm/dd/yyyy)	Liner(s) perforated?	Yes No N/A
= NIA		Screen removed?	Yes No N/A
Water Well If a Well Construc	tion Report is available,	Casing left in place?	Yes No N/A
Borehole / Drillhole please attach.	non report to a company	Was casing cut off below surface?	Yes No N/A
Construction Type:		Did sealing material rise to surface?	Yes No No N/A
Drilled Driven (Sandpoint)	Dug	Did material settle after 24 hours?	Yes No No
Other (specify):		If yes, was hole retopped?	Yes No No N/A
Formation Type:		If bentonite chips were used, were the with water from a known safe source?	y hydrated Yes No N/A
		Required Method of Placing Sealing Mat	
A			uctor Pipe-Pumped
and the second s	Diameter (in.)	Coursed & Doursed	
13		(Bentonite Chips) Other	(Explain):
Lower Drillhole Diameter (in.) Casing	Depth (ft.)	Sealing Materials	
		Neat Cement Grout	Concrete
	. /	Sand-Cement (Concrete) Grout	Bentonite Chips
Was well annular space grouted? Yes	No Unknown	For Monitoring Wells and Monitoring Wel	Il Boreholes Only:
If yes, to what depth (feet)? Depth to Wat	er (feet)		Bentonite - Cement Grout
	. 4		Bentonite - Sand Slurry
		No Varde S	acks Sealant or Mix Ratio or
5. Material Used to Fill Well / Drillhole			(circle one) Mud Weight
Bentonite Chips		Surface 13 0.5 &	ck
7			
6. Comments			
7 Supervision of Work			DNR Use Only
7. Supervision of Work Name of Person or Firm Doing Filling & Sealing Lic	ense # Date of Fil	ling & Sealing or Verification Date Recei	
Stantec Consulting	(mm/dd/yy	100 10000	, , , , , , , , , , , , , , , , , , , ,
Street or Route		elephone Number Comments	
12070 Corporate Parillua		262) 334-4747	
City State	ZIP Code	Signature of Person Doing Work	Date Signed
Meavon	1 52107	116111	- 10/27/2023
101001011	000	101. (1000	10/6/16/65

	Remediation Redevelopment	Form 4400-113A Rev. 7-98						
acility Project Name	Local Grid Location of Well		ΠE	Well Name	MW-2 ('EKA F	<u> </u>	<u>//\//</u> _
10th Street Railroad Property	ft. 🗆 N.	fi.	□ W.		`			
Facility License, Permit or Monitoring No.	Local Grid Origin (estir			Wis, Unique	Well No. 1	DNR We	II Nu	umber
	Lat '	Long	or			5 1	MW-	-78
Facility ID	St Plane 44.0962 ft	N87.6652	AE SCN	Date Well In	stalled			
	Section Location of Waste/Sou				04/08/2			
Type of Well	N_1/4 of _NE_ 1/4 of Se	s 30 T 19	NR 24 DW	Well Installe	1 By: (Perso	on's Name	e and	d Firm
Well Code 71/dw	Location of Well Relative to W		Gov. Lot Number					
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgradient s d □ Downgradient n			Pr	obe Technol			
A. Protective pipe, top elevation	ft. MSL		Cap and lock?			□ Y	es &	X N
B. Well casing, top elevation	ft MSL	D 80 2	Protective cover pi	pe				
	1.00.0000000000000000000000000000000000		b. Length:					
C Land surface elevation	fl. MSL	1	c. Material:			Stee	1 [] 0-
D Surface seal, bottom ft. MSI.	or ft	15 2 15 21 24 27 27 27 16		N/A		Othe		
12. USCS classification of soil near screen:	WAR WAR WAR	- ANE OVE OVE	d. Additional prote	ction ⁹		□ Ye	s 8	J No
GP □ GM □ GC □ GW □ S'	V⊠ SP □		If yes, describe:				_	
	a a a		Surface seal.			Bentonite	: 🗵	3.0
Bedrock □						Concrete		
13. Sieve analysis attached?	s ⊠ No]
14. Drilling method used: Rotar	y □50	14.	Material between w	ell casing and		*	_	
Hollow Stem Auge	r ⊠41			N/A		Bentonite		
Othe	r 🗆 📗			N/A				
15. Drilling fluid used: Water □ 0 2 A	r 🗆 0.1	4. 4. 5. b. c. d. e.	Annular space seal					
Drilling Mud □ 0.3 Non	e ⊠99		Lbs/gal mu Lbs/gal mu					
			% Bentonit					
16 Drilling additives used? ☐ Ye	s ⊠ No	e e	Ft*vc					2.10
			How installed			Tremie		0.1
Describe					Tremie	pumped		0.2
Source of water (attach analysis, if required):					Gravity		0.8
		6.1	Bentonite scal:	a	Bentonite	granules		33
			b. □1/4 m. □3/8	3 in. □1/2 ir	. Benton	ite chips	\boxtimes	3.2
E. Bentonite seal, top ft. MSL o	r0.0 ft. \							
0.1464	S No y	7. 1	Fine sand material					7C
Fine sand, top ft. MSL o	r — 222 II. / 🛞		I				-	
G. Filter pack, top ft. MSL o			Volume added Filter pack material:			France (C. 1911)		
J. Filler pack, top	. — "	- 1						120
I Screen joint, top ft. MSL o	3.5 11		. Volume added				-	
Derect John, top			Well casing:	Flush thread			N	23
Well bottomft. MSL o	13.5 ft.	国 者		Flush thread				
Filter pack, bottom ft. MSL o		10. S	creen material		PVC			
		7/// a	Screen Type:		Fac	tory cut		11
Borehole, bottom ft. MSL or	14.0 ft.				Continu	ious slot		0.1
		// <u>/</u>						
Borehole, diameter 4.3 in.	422		. Manufacturer _				0.01	0
2.00			Slot size:					0 in
O.D. well casing 2.00 in.			Slotted length:	an film - 1				0 ft
		11. B	Backfill material (bel		1	None		1.4
10 00			-11	CI Dalek		f 34 h		
LD. well easing 200 in.		-	11	ter pack		Other		

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299. Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299. Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms not intended to be used for any other purpose. NOTE. See the instructions for more information, including where the completed forms should be sent.

State of Wis₌, Dept. of Natural Resources dnr.wi.gov

MW-4

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

parpose. Notam form to the appropriate Brit cines	Route to DNR Bureau:	0110 011 101010	o in more imerimane					
Verification Only of Fill and Seal	Drinking Water		Watershed/Wastewat	er 💢 R	Remediation/Redevelopment			
	Waste Manageme	nt 🔲 (Other:					
1. Well Location Information		2. Facility /	Owner Informati	on				
County WI Unique Well # of Removed Well	Hicap #	Facility Name	0					
		River	Point Dist	rict				
Latitude / Longitude (see instructions) Forma	t Code Method Code	Facility ID (FI	D or PWS)					
The state of the s	DD X GPS008							
	SCR002	License/Perm	it/Monitoring #					
	DDM OTH001							
IAP NC	wnship Range	Original Well	Owner					
or Gov't Lot # 30	9 N 24 W	5 1147 11						
Well Street Address		Present Well	of Manito	MAIOC				
NIOTH St. 4 N. 11th Jt.		City Mailing Addres	ess of Present Owner	1000				
Well City, Village or Town	Well ZIP Code 54770	900 G		1+				
Manitowoc	0 100	City of Preser	nt Owner	Sta	ate ZIP Code			
River Point District	Lot#	Manit	T TO TO TO THE LOCATION OF THE		ul 54720			
	II # of Replacement Well		iner, Screen, Cas	ing & Sealing	Material			
Ala langur needed	# of replacement veli		piping removed?		Yes No N/A			
3. Filled & Sealed Well / Drillhole / Borehole	Information	Liner(s) rer	noved?		Yes No N/A			
Original Constructi	on Date (mm/dd/yyyy)	Liner(s) pe	rforated?		Yes No No N/A			
Monitoring Well	, ,,,,,	Screen rem	noved?		Yes No N/A			
Water Well	tion Deposition on Walter	Casing left	in place?		Yes No N/A			
Borehole / Drillhole please attach.	tion Report is available,	Was casing	cut off below surface	e?	Yes No NA			
Construction Type:		Did sealing	material rise to surfa	ce?	Yes No No			
Drilled Driven (Sandpoint)	Dug	Did materia	al settle after 24 hours	?	Yes No N/A			
Other (specify):		If yes, v	was hole retopped?		Yes No NA			
Formation Type:			chips were used, we from a known safe so		Yes No NA			
Unconsolidated Formation Bedro	ock	Required Method of Placing Sealing Material						
A	Diameter (in.)	1		Conductor Pipe	-Pumped			
12	7 /		ed & Poured	Other (Explain):				
Lawren Brillhale Biomaton (in)	Do-th (#)	A (Bentoni		Other (Explain).				
Lower Drillhole Diameter (in.) Casing	Depth (ft.)	Sealing Mater		Псо	ncrete			
			ment Grout					
Was well annular space grouted? Yes	No Unknown	-	ement (Concrete) Gro	-	ntonite Chips			
If yes, to what depth (feet)? Depth to Wat		1	Wells and Monitorin					
if yes, to what depth (reet):	ei (reet)	Bentonit			- Cement Grout			
		Granula	Bentonite		- Sand Slurry			
5. Material Used to Fill Well / Drillhole		From (ft.)		rds, Sacks Seala lume (circle one				
Bentonite Chips		Surface	13 0.5					
000000								
6. Comments								
7. Supervision of Work			9-20-13	DNR	Use Only			
		ling & Sealing	or Verification Date	Received	Noted By			
Stantec Consulting	(mm/dd/yy	yy) 10/25	12023					
Street or Route		elephone Numb		nents				
12030 Corporate Parkwa	4	262) 334						
City State	1 2 52 KM 2	Signature of P	erson Doing Work	1	Date Signed			
IVEUVIVI	710001	///	· Zu	1	10/64/2023			

Department of Natural Resources Route To		1-4	anagement \square	MONITORING WEI Form 4400-113A			
Facility/Project Name	Remediation Redevelops Local Grid Tocation of Wi			IWell Name			
10th Street Railroad Property	R S	7.01	□ E.	MW-4	(FKA 5_	_MV	N-7 9
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated () or	Well Location	Wis. Unique Well No.	DNR Well	Nur	mber
	Lat ° '				5 M	W-7	79
Facility ID				Date Well Installed			
	St Plane <u>44.0961</u> Section Location of Waste		_ H. E. SICIN	04/08	/2019		
Type of Well			24 ⊠ E	Well Installed By: (Per	son's Name	and	Firm)
Well Code 71/dw	N 1/4 of NE 1/4 o						
Distance from Waste/ Enf. Stds.	 Location of Well Relative u □ Upgradient 		Gov. Lot Number				
Source ft. Apply				Probe Techn	ologies, Inc		
A. Protective pipe, top elevation	ft. MSL		1. Cap and lock?		□ Ye	s 🗵	No
			2. Protective cover pip	oe:			
B. Well casing, top elevation	ft. MSL	THI	 a. Inside diameter: 				[]
C. Land surface elevation	ft. MSL		b. Length:			5,343	f
D. Surface seal, bottom fl. M:	SLOV B NEEDS	्रा । जिल्लाका विकास का	c. Material:	NUA			0.4
	No.	A STATE OF THE STA		N/A	Other		1098
12 USCS classification of soil near screen:	ZILOLD.	THE THE THE THE	d. Additional protec		☐ Yes		No
GP □ GM □ GC □ GW □ SM ⋈ SC □ ML ⋈ MH □	SW ⊠ SP □		If yes, describe:				3.0
Bedrock □	CLU CIIU		3. Surface seal.		Bentonite		
13. Sieve analysis attached?	Yes ⊠ No				Concrete		
	0.000,000,000	5		all cooling and protection		ш	
14. Drilling method used: Ros Hollow Stem Au		* * *	Material between w	ell casing and protective	Bentonite		3.0
	ther			N/A			
15. Drilling fluid used: Water □ 0 2	Air 01			a. Granular/Chipped			
Drilling Mud □ 0 3 No	5.85			d weight Bentonite- d weight Bento			
				e Bentonite-ce			
16 Drilling additives used?	Yes ⊠ No			olume added for any of t			5.0
			f. How installed:	on and and any or a	Tremie	П	0.1
Describe				Tren	ne pumped		
17. Source of water (attach analysis, if require	ed):				Gravity		
		₩ ₩ 6	Bentonite scal:	a. Bentoni			
				8 in. □1/2 in. Bent			
E. Bentonite seal, top fl. MSI	or0.0 ft.						
		7	Fine sand material:	Manufacturer, product r	name & mes	sh sia	ze
F. Fine sand, top ft. MSL	or2.5 ft.		a				
		# # /	b. Volume added _	ft ³			
G. Filter pack, top ft. MSL	or	B B 8	Filter pack material:	Manufacturer, product	name & me	sh s	ize
	16		a				
I. Screen joint, top ft. MSL	orft.			ft ³			
W III	12.5	9	Well casing:	Flush threaded PVC se	chedule 40	\boxtimes	2.3
. Well bottom fl. MSL	or13.5 ft.			Flush threaded PVC se	chedule 80		24
ET LIVE A LICE	12.5				_ Other		
. Filter pack, bottom fl. MSL	or13.5 ft.	<u> </u>	Screen material:	PVC			
Donahala harrana a Arct	14.0		 a. Screen Type: 	1	Factory cut		11
C. Borehole, bottom ft. MSL	or			Cont	inuous slot		0.1
. Borehole, diameter4_3 in.		<i>\$///</i> \$					
. Borenote, diameterin.							
I. O.D. well easing			c. Slot size:		_	0.01	10_ in.
f. O.D. well casing in.			d. Slotted length:		_	1.0	0.0 ft
I.D. well casing 2.00 in.		11.	Backfill material (be		None	\boxtimes	1.4
I.D. well casing 2.00 in.			F1	ter pack	Other		
pereby certify that the information of the	1						
nereby certify that the information on this form		it of my knowledge.					
1/1/2 /1/1	Firm Stantec						Tel
1/1/11							4 4 4

Please complete both Eurms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Attachment

State of Wis., Dept. of Natural Resources dnr.wi.gov

MU-5

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

purpose, return form to the appropriate Divivolinee	Route to DNR Bureau:	Ons on rever	SC 101 HIGIE HIIC	orritation.	1000			
	Drinking Water		Watershed/Wa	astewater	Reme	ediation/Redevelopment		
Verification Only of Fill and Seal	Waste Manageme	nt –	Other:	2010114101	A	odiadorii (odovolopilioni		
4 M-111 Ai I f 4i	waste iviariageme	_						
1. Well Location Information County WI Unique Well # of	Hicap #	Facility Nam	/ Owner Info	ormation		and the second		
Removed Well	поар #		-	Dichair				
Manitowoc		Facility ID /	Point	DISTAIR	<u> </u>			
Latitude / Longitude (see instructions) Format		Tracility ID (I	-ID OF PVVS)					
44.0961 N X	DD X GPS008	Linnana (Das	mild to nite sine of	4				
	SCR002	License/Per	mit/Monitoring #	+				
		O-lete - LVA/-	11.0					
NP NC	vnship Range E	Original We	ii Owner					
or Gov't Lot# 30	9 N 24 1 W	Present We	II Ourman					
Well Street Address				ALL MINI	00			
NIOTH St. A N. 11th Jt.			of Man					
Well City, Village or Town	Well ZIP Code		ress of Present					
Manitowoc	3466			treet	Iceata	IZID Code		
Subdivision Name	Lot #	City of Pres	AND THE PARK OF TH		State	6/1220		
River Point District			TOMOC	0		194220		
Reason for Removal from Service WI Unique Wel	I # of Replacement Well		Liner, Screer		· ·	Yes No N/A		
No longer needed		Liner(s) re		u :	C	3 = =		
3. Filled & Sealed Well / Drillhole / Borehole		` '			E			
Monitoring Well Original Construction	on Date (mm/dd/yyyy)	Screen re	erforated?			3 - 2		
Water Well NIA					12			
If a Well Construct	ion Report is available,	-	ft in place?			Yes No N/A		
Borehole / Drillhole please attach.		Was casi	ng cut off below	surface?	L	Yes No N/A		
Construction Type:			ng material rise		2	Yes No N/A		
Drilled Driven (Sandpoint)	Dug	Did mater	rial settle after 2	4 hours?		Yes No No N/A		
Other (specify):			, was hole retor	•	L	Yes No N/A		
Formation Type:			te chips were us r from a known		hydrated	Yes No N/A		
Unconsolidated Formation Bedro	ock	Required Method of Placing Sealing Material						
	Diameter (in.)	A STATE OF THE STA	ctor Pipe-Gravi		ictor Pipe-Pun	nped		
total Well Depth From Ground Surface (it.) Casing i		Serenged & Boured						
15	.0	(Bento	nite Chips)	Other	(Explain):			
Lower Drillhole Diameter (in.) Casing I	Depth (ft.)	Sealing Mate	erials					
		Neat C	ement Grout		Concret	te		
ж. н. т. т.	N 0	Sand-0	Cement (Concre	ete) Grout	M Bentoni	te Chips		
Was well annular space grouted?	No Unknown	For Monitori	ng Wells and M	onitoring Well	Boreholes Or	nly:		
If yes, to what depth (feet)? Depth to Water	er (feet)	Bentor	nite Chips		entonite - Cer	ment Grout		
		Granul	ar Bentonite	Пв	entonite - Sar	nd Slurry		
5. Material Used to Fill Well / Drillhole		From (ft.)	To (#)	No. Yards, Sa	cks Sealant o			
the second se		From (ft.)	To (ft.)		circle one)	Mud Weight		
Bentonite Chips		Surface	13	0.33	SACK			
6. Comments								
7. Supervision of Work	10000				DNR Us	e Only		
Name of Person or Firm Doing Filling & Sealing Lice			or Verification	Date Receiv	ed	Noted By		
Stantec Consulting	(mm/dd/yy	yy) 10/25	3/2023					
Street or Route		lephone Num		Comments				
12020 Comorate Paricula	1 (2	162) 33	4-4747					
City State/	ZIP COOR A 2		Person Doing V	Vork		ate Signed		
Meavon	1 230016	1	1.4	MA	_ //	0/27/2023		

Please complete both Forms 4400-T13A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299. Wis. Stats., and ch. NR 141. Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299. Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms not intended to be used for any other purpose. NOTE. See the instructions for more information, including where the completed forms should be sent.

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

age 1 of

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purpose. Return form to the app	rophate DINK office	Route to DNI			
Wasifiantian Only of Fi		Drinking		Watershed/Wastewater Remediation/Re	adavalonman
	ill and Seal		//anageme		adevelopilieri
1. Well Location Information	212	vvaste it	wanayeme		
	nique Well # of	Hicap #		2. Facility / Owner Information Facility Name	
Remo	oved Well	I woop "			
Manitowoc	کیت کے			River Point District Facility ID (FID or PWS)	
Latitude / Longitude (see instruct			od Code GPS008		
44.	0958 N X		SCR002	License/Permit/Monitoring #	
87.	.6648 W	1	OTH001		
14/4 NF 14 NE	Section To	wnship Range	9 X E	Original Well Owner	
or Gov't Lot#	30 1	9 N 24	1 Aw		
Well Street Address			1	Present Well Owner	
NIOTH St. A N.	11th It.			City of ManitoWOC	
Well City, Village or Town		Well ZIP Co	de	Mailing Address of Present Owner	
Manitowoc		15426	_0	900 Quay Street	
Subdivision Name	101	Lot #		City of Present Owne State ZIP Co	1770
Kiver foint D	istrict			Manitowac WI 54	1660
Reason for Removal from Service	e WI Unique We	ell # of Replacem	ent Well	4. Pump, Liner, Screen, Casing & Sealing Material Pump and piping removed? Yes	No N/A
No lonacy needed				Liner(s) removed?	
3. Filled & Sealed Well / Dri	Original Construct			Liner(s) perforated?	No N/A
Monitoring Well	Original Construct	John Date (IIIII) dd	"	Screen removed?	No TN/A
Water Well				Casing left in place?	No N/A
Borehole / Drillhole	If a Well Construct please attach.	tion Report is av	ailable,	Was casing cut off below surface?	No N/A
Construction Type:	product chiadaii			Did sealing material rise to surface?	No DN/A
_	(Sandpoint)	Dug		Did material settle after 24 hours?	No NN/A
Other (specify):	(If yes, was hole retopped?	No NA
Formation Type:				If bentonite chips were used, were they hydrated with water from a known safe source?	TNO MIN/A
Unconsolidated Formation	Bedr	rook		with water from a known safe source? Required Method of Placing Sealing Material	Aim
Total Well Depth From Ground Su		Diameter (in.)		Conductor Pipe-Gravity Conductor Pipe-Pumped	
12	driace (ii.) Casing	2 A	. 17	Screened & Poured	
10	4	2.0	<i>b</i>	(Bentonite Chips)	
Lower Drillhole Diameter (in.)	Casing	Depth (ft.)		Sealing Materials	
				Neat Cernent Grout Concrete	
Was well annular space grouted?	Yes	No Du	Jnknown	Sand-Cement (Concrete) Grout Bentonite Chips	
If yes, to what depth (feet)?				For Monitoring Wells and Monitoring Well Boreholes Only:	
		A			
myos, to what deput (leet):	Depth to Wat	A		Bentonite Chips Bentonite - Cement Grou	t
	Depth to Wat	A		Bentonite Chips Bentonite - Cement Ground Granular Bentonite Bentonite - Sand Slurry	
	Depth to Wat	A		Bentonite Chips Granular Bentonite Bentonite - Cement Ground Bentonite - Sand Slurry No. Yards, Sacks Sealant or Mix	Ratio or
5. Material Used to Fill Well	Depth to Wat	A		Bentonite Chips Granular Bentonite Bentonite - Cement Ground Bentonite - Sand Slurry No. Yards, Sacks Sealant or Mix	
5. Material Used to Fill Well	Depth to Wat	A		Bentonite Chips Granular Bentonite Bentonite - Cement Ground Bentonite - Sand Slurry From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mu	Ratio or
5. Material Used to Fill Well Ben tonite (n	Depth to Wat	A		Bentonite Chips Granular Bentonite Bentonite - Cement Ground Bentonite - Sand Slurry From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mu	Ratio or
5. Material Used to Fill Well Ben tonite (n	Depth to Wat	A		Bentonite Chips Granular Bentonite Bentonite - Cement Ground Bentonite - Sand Slurry From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mu	Ratio or
5. Material Used to Fill Well Ben tonite (n	Depth to Wat	A		Bentonite Chips Granular Bentonite Bentonite - Cement Ground Bentonite - Sand Slurry From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mu	Ratio or
5. Material Used to Fill Well Bentonite (n 6. Comments 7. Supervision of Work	Depth to Wat	A		Bentonite Chips Granular Bentonite Bentonite - Cement Ground Bentonite - Sand Slurry From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mu	Ratio or
5. Material Used to Fill Well Ben Fonite (n 6. Comments 7. Supervision of Work Name of Person or Firm Doing Fill	Depth to Wat	er (feet)		Bentonite Chips Granular Bentonite Bentonite - Sand Slurry No. Yards, Sacks Sealant or Volume (circle one) Surface DNR Use Only Image & Sealing or Verification Date Received Bentonite - Cement Ground Bentonite - Sand Slurry Min Volume (circle one) DNR Use Only Noted By	Ratio or d Weight
5. Material Used to Fill Well Ben Funite (n 6. Comments 7. Supervision of Work Name of Person or Firm Doing Fill Stantec Consult	Depth to Wat	er (feet)	Date of Filli mm/dd/yyy	Bentonite Chips Granular Bentonite Bentonite - Sand Slurry No. Yards, Sacks Sealant or Volume (circle one) Surface DNR Use Only Image & Sealing or Verification Date Received Bentonite - Cement Ground Bentonite - Sand Slurry Min Volume (circle one) DNR Use Only Noted By	Ratio or d Weight
5. Material Used to Fill Well Ben Funite (n 6. Comments 7. Supervision of Work Name of Person or Firm Doing Fill Stantec Consult	Depth to Wat	er (feet)	mm/dd/yyy Tel	Bentonite Chips Granular Bentonite From (ft.) Surface DNR Use Only Surface DNR Use Only Surface Double Received Double Promote Comments Double Promote Comments Bentonite - Cement Ground Bentonite - Cement Ground Bentonite - Cement Ground Ming Bentonite - Sand Slurry Ming Bentonite - Cement Ground Ming Bentonite - Sand Slurry Ming Bentonite - Cement Ground Ming Bentonite - Sand Slurry DNR Use Only Noted By Comments	Ratio or d Weight
5. Material Used to Fill Well	Depth to Wat	er (feet)	mm/dd/yyy Tel (2	Bentonite Chips Granular Bentonite From (ft.) Surface DNR Use Only Ding & Sealing or Verification (vy) Date Received Bentonite - Cement Ground Bentonite - Sand Slurry Bentonite - Cement Ground Bentonite - Sand Slurry Mix Volume (circle one) DNR Use Only Noted By	Ratio or d Weight

Facility Project Name	Local Grid Loca				Well Name	N 41 A / O	<u> </u>	N // \	
10th Street Railroad Property		_fi	jì	□ E.		IVIVV-6	(FKA 5_	_IVI \	VV-82
Facility License, Permit or Monitoring No.				ell Location 🛛	Wis. Unique	Well No.	DNR Well	Vum	iber
	Lat°	L	ong	or			5_M\	V-82	2
Facility ID			-	ft E (S) C/N	Date Well I	istalled			
		of Waste/Source	07.0010			04/08			
Type of Well	N M C	VF 14 -66	30 т 19	N, R. <u>24</u> □ W	Well Installe	d By: (Per	son's Name a	ind I	Firm)
Well Code 71/dw		Relative to Waste		Gov. Lot Number					
Distance from Waste/ Source ft Enf. Stds. Apply	u 🗆 Upgrad	radient n	Sidegradient		F	robe Techn	ologies, Inc.		
A. Protective pipe, top elevation			i	Cap and lock?			☐ Yes		No
12 B B			1 8 2	Protective cover pr	pe:				
B Well casing, top elevation	ft. MSL			a Inside diameter:			_		In.
C Land surface elevation	ft. MSL			b. Length:			Starl.		II.
D Surface seal, bottom ft. MSI	or fl	5.25.2E	15-215-21	c. Material:	N/A		Steel Other		
		NEW STATE	12 3 15 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	d. Additional prote	A 1 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		☐ Yes		
12. USCS classification of soil near screen: GP □ GM□ GC □ GW□ S	SW ⊠ SP □		X	If yes, describe:					
	T CH C		1 /				Bentonite	\boxtimes	3.0
Bedrock □				. Surface seal:			Concrete		0.1
13 Sieve analysis attached?	'es ⊠ No						Other		
14. Drilling method used: Rota	iry 🗆 5 0		4	. Material between v	well casing an	id protective			
Hollow Stem Aug	ger ⊠41				21/4		Bentonite		
Oth	ner 🗆						Other		
			5	. Annular space seal					
15 Drilling fluid used: Water 02			₩ t	Lbs/gal m					
Drilling Mud □ 0.3 No	ne 🖂 9 9		⊗ '	Lbs/gal mi					
16 Drilling additives used? ☐ Y	'es ⊠ No			- % Benton					20
				f. How installed.		i toi un y or	Tremie		0.1
Describe						Tre	mic pumped		0.2
17. Source of water (attach analysis, if require	ed):						Gravity		0.8
			6	Bentonite seal:		a. Bentor	nte granules		3 3
		' 🐰		b. □ 1/4 in. □ 3					
E. Bentonite seal, top ft. MSL	or0.0	ft.		c					
F. Fine sand, top ft. MSL			5	Fine sand material				sh si	ze
			₩ /	b. Volume added		ft ³			
G Filter pack, top ft. MSL	or2.5	tt 1	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Filter pack materia a					size
H. Screen joint, top ft. MSL	or30	ft.		b. Volume added					
			9	Well casing:	Flush thr	caded PVC	schedule 40	\boxtimes	2.3
1. Well bottom ft. MSL	or13.0	n \	13				schedule 80		
	120					DELC	Other		
J. Filter pack, bottom ft MSL	or13.0	n.	10	. Screen material: .		PVC	-	_	
	14.0	. 7///		a. Screen Type:			Factory cut		
K. Borchole, bottom ft. MSL	or	n					Other		
43			284.	b. Manufacturer					
L. Borchole, diameter43 in.				c. Slot size				0.0	10 in.
M. O.D. well casing 2 00 in.				d. Slotted length:					0.0
M. O D. Well casting			11	Backfill material (below filter p	ack)			
N. I.D. well casing 2.00 in.					Filter pack		Other		1
The state of the s									

Please complete both Forms 4400-113\(\text{2}\) and 4400-113\(\text{B}\) and return them to the appropriate DNR office and boreau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE. See the instructions for more information, including where the completed forms should be sent.

State of Wis., Dept. of Natural Resources dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

	190	Route to	DNR Bureau:			0.	1	
Verification Only of Fi	II and Seal		iking Water	=	Watershed/Was	stewater	Remedia	tion/Redevelopment
		Wa	ste Manageme		Other:			
1. Well Location Informatio		True-en	100		Owner Infor	mation		
	nique Well # of oved Well	Hicap #	04 /	Facility Name		00/0 T	74/0	0)
Latitude / Longitude (see in	SB-31	<u> </u>	<u> </u>	<u>-KA 3</u>	_2R-	20/3_T	<u>vv-2</u>	U)
	N	IDD	GPS008 SCR002	License/Perm	nit/Manitoring #			
	w [DDM	OTH001	Listing City	newormening w			
1/4/1/4 1/4	Section T	ownship F	Range E	Original Well	Owner			
or Gov'l Lot#		N	☐ W	D	0			
Well Street Address				Present Well	Owner			
Well City, Village or Town		Well Z	P Code	Mailing Addre	ess of Present	Owner		
Mar to		0.0000000000000000000000000000000000000	220					
Subdivision Name		Lot#		City of Prese	nt Owner		State	ZIP Code
Reason for Removal from Service	e Willings V	Jell # of Ren	acement Well	4. Pump, L	iner, Screen	, Casing & Sea	ling Mate	rial
Reason for Removal from Service	e vvi onique v	ren a di Nep	acement wen	the same of the sa	piping remove			Yes No N/A
3. Filled & Sealed Well / Dr				Liner(s) re				Yes No NA
Monitoring Well	Original Constru			Liner(s) pe Screen rer			process .	Yes No NA
Water Well	11/1	5/201	8	1	in place?		1	Yes ONO TNIA
Borehole / Drillhole	If a Well Constru please attach	action Repor	t is available,	Was casin	g cut off below	surface?		Yes Who NA
Construction Type	The same and			Did sealing	g material rise I	to surface?		Yes Tho NA
Drilled Driven	(Sandpoint)	Dug			ial settle after 2			Yes No NA
Other (specify) 4					was hole retop	ped? sed, were they hyd		Yes No NA
Formation Type:					from a known			Yes No NA
Unconsolidated Formation		drock			200	Sealing Material		
Total Well Depth From Ground S	Surface (ft) Casir	Diameter O.7		Screen	ctor Pipe-Gravi led & Poured nite Chips)	Other (Exp	Pipe-Pump plain):	ed
Lower Drillhole Diameter (in)	Casir	ng Depth (ft.)		Sealing Male	erials ement Grout		Concrete	
Was well annular space grouted?	Yes	MNO	Unknown		Cement (Concre		Bentonite	
If yes, to what depth (feet)?	Depth to V	/ater (feet)			ng Wells and M nite Chips	lonitaring Well Bar	onite - Ceme	
2.3.2.2.2. (2.2.2.2.1.2.1.4.2.2.2.2.					ar Bentonite		onite - Sand	
5. Material Used to Fill We	II / Drillhole	177 47	75 75	From (ft.)	To (fL)	No Yards, Sacks	Sealant or	Mix Ratio or
3. 11316113. 3000 10. 11111	Benton	te - 1 -	anular	Surface	10	Volume (circles 3 (b)	e one)	Mud Weight
	0 45 011	Gr.	wint at	Surface		710		
						-		
6. Comments	M abrance	1 mc	V Ohirir	an ha an la	ICSACI	brankosk	~ / - A s	come and
Jacobnean of Acco	COU MIN	the is	ell rem	ala and	Sealing	bedy it acto	1 1047	CON INCO
7. Supervision of Work		/					DNR Use	Only
Name of Person or Firm Doing F	a Sealing	License #	(mm/dd/		017.50			Noted By
Street or Route				Telephone Num	7-8492	Comments		
City	Sta	ite ZIP (ode A	Signature of	Person Doing	Work	Dat	te Signed
Sunfrainic	lu	$\mathcal{I} \setminus S$	3590	1	your	n		3-3-20

193706269		Site:	3		Boring Number:	_			Page:	1		of 1
Site Name		Former	Railroad	Property	SB-31/TW-3 ⁻	1				Da	ate:	11/15/18
Address:		100 Blo Manitov	ck of 10th	Street	(FKA 3_SB-20/3_T	_/	V- 2	20)		St Fini	art: sh:	3:25
Boring recovery (feet)	Sample number	Sample time	Sampled for	Depth (feet)	Detailed Soil and Rock Description		Depth (feet)	PID collection and sample time	PID (ppm)	Well Log (if	(applicable)	るかにせ-いず:ハスま [*] Remarks
1.				0,5	0-0.5' DP SOIL + LMSS		0.5	3\31 3:47	1.0	11	T	Abbreviations: D = Dry
2.5/4				0,0	0.5-2' DACK BLOWN FILL LANGUY			3:31		1		W = Wet
34.3			w!	1.5 -	SIND. ARNUELS IN 1/8-1" SINDY/4 KNOWLAR MATRIX (BUCK)		1.5	3:48	0.3		70 NITE	M = Moist fbg = feet below grade
				2 -	2-3.5' FILL, STONE OR CEMENT,	-	2				LEN	HC = Hydrocarbon
	53 :	58-20	PUM.	2,5	BOTHE WELL-ARADED GENES	1	2.5	3:32		+		
	2-	3.5	Pm	3	1/8"-1/2" SANDY MATRIX (~40%) SAME MAT'L. WAT.	11111	3	3:48	0.2			
				3.5 -	3.5-5.5 FILL, BLACK ANKUMAL,	E	3.5					
				4	SATURATED, LANDULAR			3: 50 3:83				
3/4				4.5	APPENMANCE. SOME GROUDS	Ē	4.5	3:30	0.0	A		
14				5	NEW 5' MARK.	E	5	3:34		31.0		
				5.5	-5-7			3150	0 -	-		* = Recovery is less than
				6 -	5.5-7 SILTY SIND, STIMITED,	H	6					100% due to compaction of soils/sands in core sampler,
				6.5	· SOME AMVELS		6.5			-	AR	recovery is full recovery
				7	7-11 PENT, WOT	-	7				Ŋ	(0
				7.5 -	7-8: PULP-LIKE CONSISTENCY,		7.5					
2.5/4				8 -	8-11: CLASSIC PENTY APPENDANCE,		8					
14				8.5	SOFT, DARR BLOWN		8.5					
				9 -	₩.	H	9					1/
				9.5 -	11-12 CUYOY SILT, WOT	E	9.5	Φ.		-		
				10 -	·anox	Ē		100		-		
				U	End of Boring @ /Z bgs	H	10			-	-	
	ificatio		are appro	ximate;	in-situ transition between soil types may be gradual.							
▼ Grou	Depth	While D			GeoProbe Depth Geologist Whitne	у С	ull					,
V	-	After Dr n/a	iiing		Driller/Co.							

Well / Drillhole / Borehole Filling & Sealing Report

			coute to	DNR Bureau:									
Verification Only of F	ill and Sea	al	Drin	king Water		Watershed/W	/astewater	X Remed	liation/Redeve	lopment			
	TW-32		Was	ste Manageme	nt 🗌	Other:							
1. Well Location Informati						/ Owner Inf	formation						
	Jnique Well # noved Well	of Hi	icap #		Facility Name								
Manitowoc	ioved vveii		N/2	A	River Point District								
LLLLLLLL	tions)	— — I Format C	ode M	ethod Code	Facility ID (FID or PWS)								
- '	44.0947 N	X DD	,	X GPS008	BRRTS # 02-36-585-491								
	87.6635_W			SCR002	License/Permit/Monitoring # N/A								
	Section	Towns		<u> </u>	Original Wel	I Owner							
^{1⁄4 / 1⁄4} NE 1∕4 NE or Gov't Lot #	30		\sim 1	$^{ange} \ \ \overline{\mathbf{X}} \ E$	N/A	i Ownor							
Well Street Address		1	9 N	∠4 <u></u> w	Present Wel	I Owner							
							munity Develop	oment Au	thority				
River Point Drive Well City, Village or Town			Well ZIF	2 Code		ress of Preser							
Manitowoc	220	900 Q1	uay St										
Subdivision Name			Lot #		City of Prese	,		State	ZIP Code				
River Point District			N/	'A	Manite	owoc		WI	54220				
Reason for Removal from Servi	ce WI Un	ique Well #	t of Repla	cement Well	4. Pump, l	Liner, Scree	en, Casing & Se	ealing Mat	erial				
Borehole Abandonment			[/ <u>A</u>		1	d piping remov	ved?		Yes No	X N/A			
3. Filled & Sealed Well / D	rillhole / Bo	orehole li	nformat	ion	Liner(s) re				Yes No	X N/A			
X Monitoring Well	Original Co	onstruction	Date (mr	m/dd/yyyy)	'''	erforated?			Yes No	X N/A			
Water Well		09/09	9/2020		Screen re			X	Yes No	∐ N/A			
	If a Well C	Construction	n Report i	is available,	l — -	ft in place?			Yes X No	N/A			
Borehole / Drillhole	please att	ach.			1	ng cut off belo		77	Yes No	X N/A			
Construction Type:		_	_			ng material rise		X	Yes No	∐ N/A			
X Drilled Driver	n (Sandpoint)		Dug		Did material settle after 24 hours?								
Other (specify):					If hentonite chins were used, were they hydrated								
Formation Type:					with water from a known safe source?								
$\boxed{X} \ \text{Unconsolidated Formation}$		Bedroc	k		Required Method of Placing Sealing Material								
Total Well Depth From Ground	Surface (ft.)	Casing Di	ameter (iı	n.)	Condu	ctor Pipe-Gra	vity Conducto	or Pipe-Pum	ped				
10		N/.	A		X Screened & Poured (Bentonite Chips) Other (Explain):								
Lower Drillhole Diameter (in.)		Casing De	epth (ft.)		Sealing Mat								
2.25		N/			Neat C	Cement Grout		Concrete	!				
2.25					Sand-	Cement (Cond	crete) Grout	 ☐ Bentonite	e Chips				
Was well annular space grouted	?	Yes	X No	Unknown	_		Monitoring Well Bo						
If yes, to what depth (feet)?	Dept	h to Water	(feet)		X Bentor			tonite - Cem					
N/A		5			1 =	lar Bentonite	Ben	tonite - Sand	d Slurry				
5. Material Used to Fill We	ll / Drillhol	e			From (ft.)	To (ft.)	No. Yards, Sacks						
					Surface	10 (1)	Volume (circ		Mud We	eight			
De	entonite Ch	прѕ			Surface	10	0.125 sa	icks	IN/A				
6. Comments						'			<u> </u>				
7. Supervision of Work								DNR Use	Only				
Name of Person or Firm Doing F	Filling & Seali	ng Licer	ıse#	Date of Fi	ling & Sealing	g or Verificatio	n Date Received		Noted By				

N/A Stantec (mm/dd/yyyy) 04/18/2022 Street or Route Telephone Number Comments 12080 Corporate Pkwy, Suite 200 (262) 241-4466 City State ZIP Code Signature of Person Doing Work Date Signed Mequon WI 53092 1/17/2024

19370	7884	Site:		Phase	II ESA		SR-	32/T\	M-30)		Je:	1	of 2
Site Name	e:	Manitowo		te 3		- (FKA	\ 3_S				-91)		9/9/2020 /2.7.0
Address:		1110 Buffa Manitowo		sin									Finish:	(534)
Boring recovery (feet)	Sample number	Sample time	Sampled for	Depth (feet)		Detailed Soil and Rock Description Depth (feet) Depth (feet) Depth (feet) Depth (feet) Depth (feet)					PID collection and sample time	sample time PID (ppm)	Well Log (if applicable)	Remarks Abbreviations:
				0.5		ROUTES				0.5				D = Dry
23/	58 -11	0.25-2	No.	1	5.	USEDWARD	1256-30	10/80148	,	1				W = Wet M = Moist
15		6.25-2	SUDE	-	10.75	-+ 4	AMER S	hene of	wa.	1.5		1.6		fbg = feet below grade
		1303	REAL	1.5 -	1/3-	OSEOUNSON	verus s	1" Aus	WIAN					
1		-		2 -		1 - 14	W. I. Provide a v. v.	1 2 /1-1-1	e	2	-			HC = Hydrocarbon
				2.5 -	5 //	ME MAT'L	. No 0	332.		2.5				
				3 -						3		0.10		
				3.5						3.5				
				4 -	4-4.2	5 FILL	BLAZK	Laa ana.		4				r _e
				4,5	Ma	15 FILL	20 WA.	and the state of t	7	4.5		3.4		*
	54.71	45-5	STATE RECE	5 5		-4.5 S				5		30.1		
1/5 4			2,50 42	5.5 -	1/	5 Woo	D+ma.	BURIT, F	TAR	5.5				
15				6		SHINT + BUSCH/ANK	St. St. Acres 1	STUBY	الانتخاب .	- 6				1
124				6.5	M	ATRIX (N) 35	1/2).			6.5				
BYE				2	5-10	HONE NO G	SE 512	D , 6100	والمدن	-				
Stuffet founds				7 -	57	HONL HE	T. ODUR	SATIS	,	7				
שוות ב				7.5	i	PERM 6	Sis-Resa	ISED. LA	ANGEL	7.5	1			
CECOLOGY NE WHILE				8 -	11.	0-560/0,	18 -1").	,		- 8	-			X)
1000				8.5 -						8.5				
dw &				9 -						9				
311. 8				9.5						9.5		i i		
				10 -		- end	@10		_	10		-3		
Note: St	ratificati	on lines o	e annrod	imate:	in-situ trans	End of I sition between	Soring @ 😥							
	oundwat		e approx	illiate,	mranu traffi	J.GOII DELWEEN	Rig	., Do gradual						
▼ ▽		While Drilli S After Drillin	_		GeoPro Depth	5.13	Geologi	st	Whitney	Cull				
	.,	n/a			Driller/Co.	Horizon								

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

			F	Route t	o DNR Bureau:							
Verification Only	of Fill	and Seal	ı	Dr	inking Water] Watershed/W	/astewater [$\overline{\mathrm{X}}$ Remedia	ation/Redevel	opment	
		W-151		w	aste Manageme	nt	Other:					
1. Well Location Infor	mation						/ Owner Inf	ormation				
County		ue Well # o	of Hi	cap#		Facility Nar						
Manitowoc	Remove	ea vveii		N	I/A		Point Distric	ct				
Latitude / Longitude (see in	1 —— — Istruction	ns)	- —— I Format Co	ode	Method Code	1 '	FID or PWS)	o - 101				
	44.	0948 N	X DD	,	X GPS008		S # 02-36-5 rmit/Monitoring					
		7.664 W		м	SCR002	N/A	minivivionitoring	#				
1/4 / 1/4 NE 1/4 NI		Section	Towns		Range X E	Original We	ell Owner					
or Gov't Lot #		30	19		24 🗀 w	, N/A						
Well Street Address		1 00		- 11		Present Well Owner						
River Point Drive						Manitowoc Community Development Authority						
Well City, Village or Town				Well Z	ZIP Code	1	dress of Preser	it Owner				
Manitowoc				5	4220	900 Quay St						
Subdivision Name Lot #					T / A	1 '	sent Owner		State	ZIP Code		
River Point District					N/A	Mani		un Continu 8 Con	WI	54220		
Reason for Removal from S Borehole Abandonn		WI Uniq			olacement Well	4. Pump, Liner, Screen, Casing & Sealing Material Pump and piping removed? Yes No X N/A						
				/ <u>A</u>			removed?				X N/A	
3. Filled & Sealed Wel					ation mm/dd/yyyy)	` '	perforated?				X N/A	
X Monitoring Well 11/08/202				•	iiiii/aa/yyyy)	Screen r	emoved?		\overline{X}	Yes No	∏ N/A	
Water Well					Casing le	eft in place?			Yes $\overline{\overline{\mathrm{X}}}$ No	N/A		
Borehole / Drillhole If a Well Construction Report is available, please attach.					rt is available,	Was cas	ing cut off belo	w surface?		Yes No	X N/A	
Construction Type:					Did seali	ng material rise	e to surface?	$\overline{\overline{\mathbf{X}}}$	Yes No	N/A		
X Drilled Driven (Sandpoint) Dug					Did mate	erial settle after	24 hours?		Yes $oxed{ ext{X}}$ No	N/A		
Other (specify):					1	s, was hole reto	• •		Yes No	X N/A		
Formation Type:							iite chips were er from a know	used, were they hyd n safe source?	Irated X	Yes No	□ N/A	
X Unconsolidated Form	ation		Bedrock	k				ng Sealing Material				
Total Well Depth From Gro	und Surf	face (ft.)	 Casing Dia	ameter	(in.)	Conductor Pipe-Gravity Conductor Pipe-Pumped						
10			N/	A		Screened & Poured Other (Explain):						
Lower Drillhole Diameter (in	n.)		Casing De	epth (ft.)	Sealing Materials						
4.25			N/.	A		Neat Cement Grout Concrete						
				_		Sand-Cement (Concrete) Grout X Bentonite Chips						
Was well annular space gro			Yes []	∏ No	Unknown	For Monitor	ring Wells and	Monitoring Well Bor	eholes Only	:		
If yes, to what depth (feet)?	?	Depth	to Water	(feet)		X Bento	onite Chips	Bento	nite - Ceme	ent Grout		
N/A				1		Grant	ular Bentonite	Bento	onite - Sand	Slurry		
5. Material Used to Fil	l Well /	Drillhole				From (ft.)	To (ft.)	No. Yards, Sacks Volume (circle		Mix Ration		
	Bento	onite Chi	ps			Surface	10	0.5 sad	,	N/A	igrit	
			F ~					0.5 64	210			
6. Comments												
7. Supervision of Wor									DNR Use			
Name of Person or Firm Do	oing Fillir	ng & Sealing	- 1		<u> </u>	-	ng or Verificatio	n Date Received	1	Noted By		
Stantec N/A (mm/dd/yy) Street or Route Te						25/2023	Commonts					
11000					elephone Nu 262) 24		Comments					
					of Person Doing	Work	Dat	e Signed				
3.6				3092	1 1/14 - // // // // // // // // // // // // /							
-			!			·	/	_				

Coulding Desired Manua	Remediation/Redevelopmen Local Grid Location of Well	t 🖾 Other 🗆	Form 4400-113A Well Name	Rev. 7-98	
Facility/Project Name	Local Grid Location of Well	ft. □ E.	12.69(10)	7 151	
River Point District - Lot 3	ft. S	tt W.		7-151	mber
Facility License, Permit or Monitoring No.	Local Grid Origin (esti	mated:) or Well Location Long.		DINK WEII NU	moci
BRRTS #02-36-176478			Date Well Installed	L	-
Facility ID		N, 2,582,153 ft. E. S/C/I	1		
2 - Way II	Section Location of Waste/So	urce	11/08	8/2022	d Pinns
Type of Well	NE 1/4 of NE 1/4 of S	urce ec 30 T 19 N, R. 24 Waste/Source Gov. Let Number	Well installed By: (Pe	rson's Name and	a rim)
Well Code 71/dw	- Location of Well Relative to	Waste/Source Gov Lot Numbe	r Ben	Long	
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgradient s d □ Downgradient n		Horizon Construction		
A Protective pipe, top elevation	ft. MSL	1 Cap and lock?		⊠ Yes	□ No
3 Well casing, top elevation5	586.77 ft. MSL	2. Protective cover			11
I and surface elevation	584.8 ft MSL <	b. Length:	-		1
C Land surface elevation	II WISL	c. Material:		Steel	□ 04
O. Surface seal, bottom ft. MSI	Lor ft.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A	Other	
12 USCS classification of soil near screen:	200000	d Additional p	rotection?		⊠ No
	SW□ SP⊠	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	be:		
	CL 🛛 CH 🖾 📗			Bentonite	□ 3 0
Bedrock □		3 Surface seal		Concrete	
13 Sieve analysis attached? □ Y	Yes ⊠ No	3. Surface seal 4. Material between 5. Annular space : bLbs/ga cLbs/ga d% Ben e0.25			
	ary □ 5 0	/ Material between	en well casing and protecti		_
14 Drilling method used: Rota Hollow Stem Aug	ar MAI	4. Waterial between	an wen easing and protecti	Bentonite	□ 30
	ger ⊠ 4 r		N/A		
	ner d				
15 Drilling fluid used: Water □ 0 2	Air □ 0 1	5. Annular space	seal: a. Granular/Chip		
Drilling Mud 0 3 No	me 🖾 0 0	blbs/ga	mud weight Bentoni	te-sand slurry	□ 35
Drining wide 🗆 05 140	me ZJJ	CLbs/ga	I mud weight Be		
16 Drilling additives used? ☐ Y	Yes ⊠ No	d% Ben		-cement grout	L 20
		e <u>0.25</u>	Ft3 volume added for any of		
Describe		f. How install		Tremie	
17. Source of water (attach analysis, if require	ed)		Tr	remie pumped	
17. Dource of Water (attach analysis, 11 require				Gravity	
		6. Bentonite seal:		onite granules	
The Children		b □ 1/4 in	\boxtimes 3/8 in. \square 1/2 in B		
E. Bentonite seal, top584.8 ft MSI	L or ft.	₩			
		5. Annular space: bLbs/ga cLbs/ga d% Ben e0.25 f. How install 6. Bentonite seal: b1/4 in c 7. Fine sand mate a	rial: Manufacturer, produ	ct name & mesl	h size
F Fine sand, top 582.8 ft MSI	Lor ft.	■ ■ / / a		_	
	1 '	b Volume add		ft³	
G. Filter pack, top582.3_ ft MSL	L or 2.5 ft.	8 Filter pack mat	erial: Manufacturer, produ	uct name & mes	sh size
		a			_
H. Screen joint, top 581.8 ft MSI	L or	b Volume add	ed	ft ³	
		9. Well casing:	Flush threaded PV	C schedule 40	⊠ 23
I Well bottom571.8 ft MSI	Lor 13.0 ft		Flush threaded PV	C schedule 80	□ 24
				Other	
551.0	L or13.0 ft.	10. Screen materia	PVC		
I Filter pack bottom 571.8 ft MSI		a Screen Type		Factory cut	□ 11
J Filter pack, bottom571.8 ft MSI		William 1, p.		Continuous slot	
	or 10.0 ft s	V///(///		Other	
574.0	L or 10.0 ft.	V//XXX			_
K Borehole, bottom 574.8 ft MSI	L or 10.0 ft.	h Manufactur			
	L or	b. Manufactur			0.010
K Borehole, bottom 574.8 ft MSI L Borehole, diameter 2.3 in.	L or	c Slot size:	er		10.0
K Borehole, bottom 574.8 ft MSI	L or	c Slot size: d. Slotted leng	etth:	_	10.0
K Borehole, bottom 574.8 ft MSI L Borehole, diameter 2.3 in. M O D well casing 2.25 in	L or	c Slot size: d. Slotted leng	er	None	10.0
K Borehole, bottom 574.8 ft MSI L Borehole, diameter 2.3 in.	L or10.0 ft.	c Slot size: d. Slotted leng	etth:	_	10.0

Well / Drillhole / Borehole Filling & Sealing Report

dnr.wi.gov Form 3300-005 (R 4/2015) Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information. Route to DNR Bureau: **Drinking Water** Watershed/Wastewater X Remediation/Redevelopment Verification Only of Fill and Seal MW-153 Waste Management Other: 1. Well Location Information 2. Facility / Owner Information WI Unique Well # of Hicap # Facility Name County Removed Well River Point District Manitowoc N/A Facility ID (FID or PWS) Latitude / Longitude (see instructions) Format Code Method Code BRRTS # 02-36-585-491 X GPS008 X DD 44.0945 N License/Permit/Monitoring# SCR002 87.664 W OTH001 1/4 / 1/4 Section Township Range Original Well Owner 1/4 NE NE XE N/A or Gov't Lot # 19 30 24 Present Well Owner Well Street Address Manitowoc Community Development Authority River Point Drive Mailing Address of Present Owner Well City, Village or Town Well ZIP Code 900 Ouav St 54220 Manitowoc City of Present Owner ZIP Code State Subdivision Name Lot# Manitowoc WI 54220 N/A River Point District 4. Pump, Liner, Screen, Casing & Sealing Material Reason for Removal from Service WI Unique Well # of Replacement Well Pump and piping removed? Borehole Abandonment No N/A Liner(s) removed? Yes No X N/A 3. Filled & Sealed Well / Drillhole / Borehole Information Liner(s) perforated? Yes No X N/A Original Construction Date (mm/dd/yyyy) X Monitoring Well Screen removed? X Yes N/A 05/04/2022 Water Well Casing left in place? N/A If a Well Construction Report is available, Borehole / Drillhole Was casing cut off below surface? X Yes N/A please attach Did sealing material rise to surface? X Yes Construction Type: No N/A Did material settle after 24 hours? X No Yes N/A Dug X Drilled Driven (Sandpoint) If yes, was hole retopped? Yes X N/A Νo Other (specify): If bentonite chips were used, were they hydrated Formation Type: X Yes with water from a known safe source? Required Method of Placing Sealing Material |X | Unconsolidated Formation Bedrock Total Well Depth From Ground Surface (ft.) Casing Diameter (in.) Conductor Pipe-Gravity Conductor Pipe-Pumped Screened & Poured (Bentonite Chips) N/A Other (Explain): Casing Depth (ft.) Lower Drillhole Diameter (in.) Sealing Materials N/A **Neat Cement Grout** Concrete 4.25 Sand-Cement (Concrete) Grout X Bentonite Chips X No Was well annular space grouted? Yes Unknown For Monitoring Wells and Monitoring Well Boreholes Only: If yes, to what depth (feet)? Depth to Water (feet) X Bentonite Chips Bentonite - Cement Grout N/A **Granular Bentonite** Bentonite - Sand Slurry No. Yards, Sacks Sealant or 5. Material Used to Fill Well / Drillhole From (ft.) To (ft.) olume (circle one) Bentonite Chips Surface 10 N/A 0.5 sacks 6. Comments

DNR Use Only 7. Supervision of Work Name of Person or Firm Doing Filling & Sealing Date of Filling & Sealing or Verification Date Received Noted By License # Stantec N/A (mm/dd/yyyy) 07/25/2023Street or Route Telephone Number Comments 12080 Corporate Pkwy, Suite 200 (262) 241-4466 City ZIP Code Signature of Person Doing Work State Date Signed Mequon WI 53092 1/17/2024

Route To:	Watershed/Wastewater		anagement	MONITORING WEI Form 4400-113A	L CONSTR Rev. 7-9		rion
Facility/Project Name	Remediation/Redevelopm Local Grid Location of We			Well Name	KCV= 1-9	٥	
Stranger of the stranger of th	Docar Grid Location of We	311	□ E.	A Designation of the Control of the	7 152		
River Point District - Lot 3 Facility License, Permit or Monitoring No.	Local Grid Origin (Wall Location N	Wis. Unique Well No.	7-153	Towns 1	lene
	Local Grid Origin [] (6	sumated:) or	well Location 🔀	wis. Unique well No.	DINK WEIL	Num	Der
BRRTS #02-36-176478 Facility ID	Lat,			Date Well Installed	_	_	
racinty ii	St. Plane 771,993		_ft E S/C/N				
Type of Well	Section Location of Waste		ME		4/2022	and T	Cient
A CONTRACTOR OF THE CONTRACTOR	NE 1/4 of NE 1/4 o	f Sec. 30 T. 19	_ N, R 24 🗒 W	Section Control of the		ma i	rum)
Well Code 71/dw Distance from Waste/ Enf. Stds.	Location of well Relative i	o waste/Source	Gov. Lot Number	Ben	Long		
Source ft, Apply	u □ Upgradient d □ Downgradient	s ☐ Sidegradient n ☐ Not Known		Horizon Construction		tion,	, LLC
A Protective pipe, top elevation	ft_MSL		1. Cap and lock?		⊠ Yes		No
B Well casing, top elevation58	66 25 ft MSL	100	 Protective cover production Inside diameter: 	-			i
C. Londone from algorithm	183.2 ft. MSL		b. Length:				_ '
C. Land surface elevation	165.2 ft. MSL		c. Material:		Steel		
D Surface seal, bottom ft MSL	or ft.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C. Material.	N/A	Other		
12 USCS classification of soil near screen:		AL CONTROL	d Additional prote		☐ Yes		
	V□ SP□	A X				. 2	140
	CH 🛭	11 11 / /			Bentonite	_	2.0
Bedrock □			3. Surface seal:		Concrete		
13 Sieve analysis attached?	s 🛭 No					_	
	y □ 5 0		/ Material between	well casing and protective		П	
Hollow Stem Augu			4. Material Detween	wen casing and protecti	Bentonite		3.0
				N/A			
Olik	a 🗆 📗		-				
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1			l: a. Granular/Chipp			
Drilling Mud 03 Non				ud weight Bentonit			
Diming Mud		₩ ₩		ud weight Be			
16 Drilling additives used? ☐ Ye	s 🛮 No			ite Bentonite-			5 0
	5 210			volume added for any o			
Describe			f. How installed:		Tremie		
17. Source of water (attach analysis, if required).			Tro	emie pumped		
(united and the control of the contr	··				Gravity	\boxtimes	0 8
			6. Bentonite seal:		onite granules		
			b □ 1/4 in. □ 3	3/8 in □ 1/2 in Be	_		
E. Bentonite seal, top583.2 ft MSL	or0.0 ft		C	=			
F Fine sand, top581.2 ft MSL	or2.0 ft.		7 Fine sand material	: Manufacturer, produc	et name & me	sh si	ize
	. —		b Volume added	0.15 f	h ³		
G. Filter pack, top 580.7 ft. MSL of	or	B B/		d: Manufacturer, produ		esh s	size
			a,				
H. Screen joint, top580.2 ft. MSL of	or3.0 ft.		b Volume added	t, f	t³		
			9. Well casing:	Flush threaded PVC		×	2.3
Well bottom 571.2 ft MSL of	or12.0 ft.		Treat submig.	Flush threaded PVC			
T. M.S.S.				1 lasti tineadou i ve	Other		
Filter pack, bottom570.2 ft_MSL of	or13.0 ft		Screen material:	PVC	Outer	_	
The past, bottom	n	27/17/17	a Screen Type:		Factory cut	_ 	1.1
C Borehole, bottom573.2 ft_MSL c	or10.0 ft.		a Screen Type.	Co	ntinuous slot		
C Borenoic, Bottom	n n.						0 1
Borehole, diameter 2.3 in		V////X	b Manufacturer		Oulei	ш	
Dorenoie, diameter in		1	c. Slot size:			0.01	<u>10</u> ir
M. O.D. well casing 225 in			d. Slotted length:		_	10	0.0 f
M O D well casing 2.25 in		1,,	a. Stotted tength: Backfill material (I	selow filter nack)	NIam-		
2.00		- 11	. Backini material (I	below filler pack)	None		14
N.I.D. well casing					Other	L	
hereby certify that the information on this form						_	

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

		Ro	ute to DNR Bureau:									
Verification Only of Fil	l and Seal		Drinking Water		Watershed/Watershed/Watershed/Watershed/	astewater	X Remedia	ation/Redevelopment				
	TW-295	ΙĒ	Waste Manageme	nt	Other:							
1. Well Location Informatio				2. Facilit	y / Owner Info	ormation						
County WI Un	ique Well # o	f Hica	ap #	Facility Na								
Manitowoc	ved Well		N/A		Point Distric	t						
Latitude / Longitude (see instruction		I Format Cod	le Method Code	Facility ID	(FID or PWS)							
- ·	4.096 N	X DD	X GPS008	BRRTS # 02-36-585-491								
			SCR002	License/Pe N/A	ermit/Monitoring	#						
T	7.6644 W											
^{1/4} / ^{1/4} NE ^{1/4} NE	Section	Townsh		N/A	reli Owner							
or Gov't Lot #	30	19	N 24 □ w	Present Well Owner								
Well Street Address				Manitowoc Community Development Authority								
River Point Drive Well City, Village or Town		lv.	Vell ZIP Code	Mailing Address of Present Owner								
Manitowoc		ľ	54220	900 Quay St								
Subdivision Name			ot #	City of Pre	esent Owner		State	ZIP Code				
River Point District			N/A	Manitowoc WI 54220								
Reason for Removal from Service WI Unique Well # of Replacement Well					4. Pump, Liner, Screen, Casing & Sealing Material							
Borehole AbandonmentN/A					Pump and piping removed? Yes No X N/A							
3. Filled & Sealed Well / Dri	3. Filled & Sealed Well / Drillhole / Borehole Information					Liner(s) removed?						
X Monitoring Well	ate (mm/dd/yyyy)	Liner(s) perforated? Screen removed? Ves No X X Yes No										
Water Well 08/29/2			023	Screen removed? Casing left in place? X Yes No								
			Report is available,	I ——								
Borehole / Drillhole please attach. Construction Type:					sing cut off below			Yes No X N/A				
					ling material rise erial settle after:		X)	Yes \square No \square N/A Yes \square No \square N/A				
X Drilled Driven (Sandpoint) Dug					es, was hole reto			Yes \square No \square N/A				
Other (specify):				1		ised, were they hyd	rated					
Formation Type:		_		with wa	ter from a known	safe source?	X Y	Yes No N/A				
X Unconsolidated Formation		Bedrock		1 —		g Sealing Material						
Total Well Depth From Ground Su	ırface (ft.)	asing Dian		Conductor Pipe-Gravity Conductor Pipe-Pumped								
15		N/A		X Screened & Poured (Bentonite Chips) Other (Explain):								
Lower Drillhole Diameter (in.)	C	asing Dep	th (ft.)	Sealing Materials								
2.25		N/A		Neat Cement Grout Concrete								
		, [37]		Sand-Cement (Concrete) Grout X Bentonite Chips								
Was well annular space grouted?			No Unknown	For Monito	oring Wells and N	Ionitoring Well Bore	eholes Only:	:				
If yes, to what depth (feet)?	Depth :	to Water (fe	eet)	X Bent	onite Chips	Bento	nite - Ceme	nt Grout				
N/A		5		Gran	nular Bentonite		nite - Sand	Slurry				
5. Material Used to Fill Well	/ Drillhole			From (ft.) To (ft.)	No. Yards, Sacks S Volume (circle		Mix Ratio or Mud Weight				
Ben	tonite Chi	os		Surface	15	0.125 sac		N/A				
						0.120 040	110					
6. Comments												
7. Supervision of Work							ONR Use	Only				
Name of Person or Firm Doing Fil	ling & Sealing	1	 	of Filling & Sealing or Verification Date Received Noted By								
Stantec						n/dd/yyyy) 08/29/2023						
				Telephone Number Comments								
·				262) 24		100	1=					
3.6			_	of Person Doing			e Signed 1/17/2024					
Mequon WI 53092					Whitney	.Cull						

1937	08490	Site:	R	iver Poi	nt District	Boring Nu	mber:		20.4			Page:	1	of T		
Site Nan	ne:	River Poir	nt District			Boring Lo		SE/34	- 012				Date:			
Address	:		Constructi	ion Area							Start: 4					
-		Manitowo	c, WI				-10	- 1/-	- 11			_	- 19			
Boring recovery (feet)	Sample number	Sample time	Sampled for	Depth (feet)			ck Descriptio	on Reference Los	7	Depth (feet)	PID collection and sample time	PID (ppm)	Well Log (if applicable)	Remarks		
				0.5 -	0-015	1	-		- 1	0.5			4	Abbreviations: D = Dry		
				0.0	075-5	3 1218	of Callo	- CL SEIN	E .					W = Wet		
25/5				1.5 -	JA- 3/	, 10157	unte de	nersys.	eta-ja	1		0.2		M = Moist		
15				_		1 1000	cara, a	e what		1,5		0.3		fbg = feet below grade		
				2 -						2				HC = Hydrocarbon		
				2.5						2.5						
				3 -	E .					3						
				3.5 -						3.5						
				4 =					=	4		0.4		-103-195 511/100 pak 511/100 pak		
				4.5					=	4.5				STATES OF THE STATES		
				5 -	F - 3	Sien?		PERSONAL CONTRACTOR		5				0AR 17/21		
				5.5 -	4.40	sur ist o	1055 E	CAT THE	E	5.5						
75/5		1	CN	6 -	aryor		100000	185		6				(Mary Mary Mary		
		1442	PAH	6.5 -					F			0.4		Control of the Contro		
			PURA		- ~ -					6.5				and the same		
			P	-	7-95	(arealy)		mez .		7	HV					
				7.5 -	(5.10)	6.	-7-6	19 aug 5)	: is.	7.5						
				8 -	, ,,,,,	B:O€ :				8		00				
14				8.5 –					I	8.5		0.8				
				9						9						
				9.5 -	95-155	SILTY	029	3012 4	w E	9.5						
				10 -	9.5-15.5	4 6/2	1	BYNT Se-	. E	10		0.5				
Note: St	ratificati	on lines ar	a annrovi	mate: i	n-situ transitlor	End of Bo		bgs								
	oundwat	er Data				. Dermeeli SC	Rig	ve graduai.								
					GeoProbe Depth Geologist Whitney Cull											
Depth After Drilling					Driller/Co.	Horizon					Ī,					

1937	08490	Site:	Ri	ver Point	District Boring Number:	dia.		Page:	2 (of 2
Site Nar	ne:	River Po	int Distric	it .	Boring Location:	13			Date:	8/ 7 9 /2023
Address	s:	Phase III Manitowo		ction Area					Start: Finish:	
Boring recovery (feet)	Sample number	Sample time	Sampled for	Depth (feet)	Detailed Soil and Rock Description	Depth (feet)	PID collection and sample time	PID (ppm)	Well Log (if applicable)	Remarks
				10.5	(AL PROVET	10.5	(110 00	>∨ € /		Abbreviations: D = Dry
4/5				11	SALL CAME COOSE, MAGE	11				W = Wet M = Moist
				11.5	GRAFF CORT, Ite OLOR	11.5		0.4		fbg = feet below
				12		- 12				HC = Hydrocarbon
			CN	12.5	12-15-5 gent Stangardel.	12.5				
		1444	PAH		Strang Charles (School)	13		0.3		
			RULA	13.5		13.5				
				14	Armer, and a senior	- 14				
				14.5	PROPERTY AND ADDRESS.	14.5		0.3		
				15	CALL ST ST	- 15				
	ly.			15.5	Carlo Cr	- 15.5				
				16		16				
				16.5		16.5				
				17		- 17				
				17.5	(1	17.5				V.
				18		- 18				
				18.5		- 18.5				
				19		19				
				19.5		19.5				
				20		20				
Note: S	ratificati	on lines a	re appro	ximate: i	End of Boring @ bgs n-situ transition between soil types may be gradual.					
	oundwat	er Data			Rig					
abla	▼ Depth While Drilling				GeoProbe Depth Geologist Driller/Co. Horizon	Whitney Cull				0 9

State of Wis., Dept. of Natural Resources dnr.wi gov

MU1-300

Well / Drillhole / Borehole Filling & Sealing Report

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

| Verification Only of Fill and Seal | Wester Management | Watershed/Wastewater | Remediation/Redevelopment | Remediat

Verification Only of Fill and Seal	Drinking Water			Wastewater	Reme	diation/Redevelopment		
	Waste Manageme		Other:					
1. Well Location Information County WI Unique Well # of	Liens #			nformation				
Removed Well	Hicap #	Facility Nam		N:-1				
Mamitowoc		Facility ID (F	POINTO	Distric	ot			
Latitude / Longitude (see instructions) Form	at Code Method Code	- radiity id (r	id of PWS)					
44.0959 N	DD X GPS008	Liconco/Por	mit/Monitorin	na #				
87.6648 w	DDM SCR002	License/Fen	HIMMOUNDER	ıg #				
TO THE PERSON NAMED IN COLUMN TO THE	9 11001	Original Wel	Owner					
IAP NC	10 21 4	Original VVCI	OWNER					
	19 N 29 U W	Present Wel	Owner					
Well Street Address N 10th St. A N. 11th Jt.		City		mitowa	00.			
Well City, Village or Town	W-11 71D 0	Mailing Addr			0			
Manitowo C	Well ZIP Code		NOUR	Street				
Subdivision Name	09200	City of Prese		OLICC	State	ZIP Code		
River Point District	Lot#	440.0	MINOC		[141]	54770		
	/ell # of Replacement Well			en, Casing &	Sealing Mat	erial		
No longer needed	eli # ol Replacement vveli		piping remo		X	Yes No N/A		
3. Filled & Sealed Well / Drillhole / Boreho	le Information	Liner(s) re	moved?		X	Yes No NA		
Original Construc	tion Date (mm/dd/yyyy)	Liner(s) pe	erforated?			Yes No N/A		
Monitoring Well	(· · · · · · · - · , , , , , ,	Screen rer	moved?		X	Yes No N/A		
Water Well		Casing lef	t in place?			Yes No N/A		
Borehole / Drillhole If a Well Constru	ction Report is available,	Was casin	g cut off belo	ow surface?		Yes No N/A		
Construction Type:		-1	•	se to surface?	X	Yes No N/A		
Drilled Driven (Sandpoint)	Dug	Did materi	al settle afte	r 24 hours?		Yes No N/A		
Other (specify):	50g	If yes,	was hole re	topped?		Yes No N/A		
Formation Type:		If bentonite chips were used, were they hydrated with water from a known safe source?						
\frac{1}{2}						res [_]NO KIN/A		
	rock	-		ing Sealing Mate				
Total Well Depth From Ground Surface (ft.) Casing	Diameter (in.)		ctor Pipe-Gra ed & Poured		ctor Pipe-Pum	ped		
15	2.0		ite Chips)	Other	(Explain):			
Lower Drillhole Diameter (in.) Casing	Depth (ft.)	Sealing Mate	rials					
		Neat Ce	ement Grout		Concrete			
W II I	M . —	Sand-C	ement (Con	crete) Grout	M Bentonite	Chips		
Was well annular space grouted?	No Unknown	A STATE OF THE PARTY OF THE PAR		Monitoring Well				
If yes, to what depth (feet)? Depth to Wa	ter (feet)	Bentoni	te Chips	В	entonite - Cem	ent Grout		
		Granula	r Bentonite	□ в	entonite - Sand	d Slurry		
5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sa				
				Volume (d		Mud Weight		
Bentonite Chips		Surface	13	0.25 5	ack			
6. Comments								
o. Comments			=					
7. Supervision of Work					DNR Use			
	The second secon	ling & Sealing	or Verification	n Date Receive	ed	Noted By		
Stantec Consulting 1	(mm/dd/yy	1011	100	5				
Street or Route	Te Te	lephone Numb		Comments				
2070 Corporate Parkua	M TZID Cod-	(62) 334	1/1	N/ords	le -			
State	ZIP Code (A 2	Signature of F	erson Dong	vvork .	Dat	te Signed		

	Watershed/Wastewater		igement [MONITORING WELL Form 4400-113A	CONSTRUCTION
	Remediation/Redevelopme				1011770
Facility/Project Name	Local Grid Location of V	Vell □ N. _ft. □ S	. DE.	Well Name TW-300	
River Point District		_ft. 🗆 S	ft. □ E.		
Facility License, Permit or Monitoring No.	Local Grid Origin	estimated: 🗆) or Long	Well Location 🖾	Wis. Unique Well No.	
Facility ID	St. Plane 44.0959	ft. N ,87.6648	ft. E. SC/N	Date Well Installed 8 /	3 0 / 2 0 2 3
Type of Well	Section Location of Was	te/Source	ΣE	Well Installed By: Nan	
Well Code 11 / MW	<u>NE</u> 1/4 of <u>NE</u> 1/4 of	f Sec <u>, 30</u> , T. <u>19</u>	N, R. <u>24</u> □ W	Ben Lon	
Distance from Waste/ Enf. Stds.	Location of Well Relative	e to Waste/Source	Gov. Lot Number		5
Sourceft. Apply	u □ Upgradient d □ Downgradient	s Sidegradient		Horizon Construction a	nd Exploration LLC
			. Cap and lock?		
• • •	ft. MSL —		. Protective cover p	ina	M 162 □ 140
B. Well casing, top elevation	ft. MSL	╅┍┸╬╱╱╜	a. Inside diameter	-	:
U . 1	0. 1.407		b. Length:	•	in.
C. Land surface elevation	ft. MSL		c. Material:		ft.
D. Surface seal, bottom ft. MS	SL or0.0_ ft.		c. Material:	N/A	Steel 04
12. USCS classification of soil near screen			مسد المساعة المام		Other 🖾 🧘
		[H] [H]	d. Additional pro		☐ Yes 🖾 No
SM SC ML MH C	SW D SP 🛛 \		If yes, describe	:	
Bedrock		₩ ₩ \ `3	Surface scal:		Bentonite 30
	Yes ⊠ No				Concrete 0 1
		₩ ₩ `			Other 🗆 🔃
	tary □ 50	₩ ₩ 4	. Material between	well casing and protective	
Hollow Stem Au					Bentonite □ 30
Geoprobe o	ther 🛛 🕮			N/A	Other 🗆 🏬
45 B W. 6 W 4 W 5 B 0 2		5	. Annular space sea	d: a. Granular/Chippe	d Bentonite 🖾 33
5	Air 01	1	bLbs/gal m	ud weight Bentonite	-sand slurry □ 35
Drilling Mud 🗆 0 3	None 99		cLbs/gal m	and weight Bento	onite slurry 31
16 Delling additions used?	Can PRINT			te Bentonite-ce	
16. Drilling additives used?	Yes ⊠ No		Ft ³	volume added for any o	f the above
D 7			f. How installed:		Tremie 🗆 0 1
Describe		· · · · · · · · · · · · · · · · · · ·	., 110% 1100		ie pumped 🛘 02
17. Source of water (attach analysis, if requ	iired):				Gravity 🖾 08
		6	. Bentonite seal:	a. Bentoni	te granules 33
			b. □1/4 in. □3	3/8 in. □1/2 in. Ben	
E. Bentonite seal, top ft. MS	L or0.0 _ ft.,		C		Other 🗆 🚆
			0.		
F. Fine sand, top ft. MS	L or ft.	₩ ₩ / / ⁷	. Fine sand materia	l: Manufacturer, produc	t name & mesh size
			a		
G. Filter pack, top ft. MS	L or4.0_ ft.		 b. Volume added 	ft ³	,
	500-	、	. Filter pack materi	al: Manufacturer, produc	et name & mesh size
H. Screen joint, top ft. MS	L or 5.0_ ft.	⊀]- /	a. Red Flint #40		
	- 150-		 b. Volume added 		3
I. Well bottom ft. MS	L or15.0 ft.	9	. Well casing:	Flush threaded PVC scl	
				Flush threaded PVC sch	hedule 80 🔲 24
J. Filter pack, bottom ft. MS	L or15.0 ft.				Other 🗆 🏬
		10	. Screen material:	PVC	
K. Borehole, bottom ft. MS	L or $_ _ 15.0$ ft.		a. Screen type:	F	Factory cut 🖾 11
			• •	Conti	nuous slot 🗆 01
L. Borehole, diameter -2.3 in.					Other 🗆 🔛
		\	b. Manufacturer		320335
M. O.D. well casing $-\frac{1}{3}$ in.		\	c. Slot size:		0. <u>010</u> in.
5 m.		\	d. Slotted length:		10.0_ ft.
N. I.D. well casing $-\frac{1.0}{}$ in.		11	. Backfill material		None 🖾 14
				push/i	Other 🗆 🚆
I hereby certify that the information on this	form is true and correct to	the best of my know	vledge.		
0'	Firm				
Signature (1) hit nou (1)		Stantec			

Attachment B Page 21 of 29

State of Wis., Dept. of Natural Resources dnr.wi.gov

MW-301

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

purpose. Return form to the appropriate DNR office a	nd bureau. See instruct Route to DNR Bureau:		se for more inf	formation.		
			1 Matarah and MA	/a.a.t	Mo	diakia a /D a d a
Verification Only of Fill and Seal	Drinking Water	. +	Watershed/W	astewater	Reme	diation/Redevelopment
4 10 10 11 11 11 11	Waste Manageme	-	Other:			
1. Well Location Information County WI Unique Well # of	licap#		/ Owner Info	ormation		
Removed Well	псар #	Facility Nam		N'	(E)	
Mamitowoc		Facility ID	POINTE	Distric	·T	
Latitude / Longitude (see instructions) Format		Tracility ID (TD 01 PW3)			
44.0958_N XD	D X GPS008	License/Per	mit/Monitoring	#		
87.6644 w \ \ \ \ \ \	DM SCR002	LIGGING/I CI	minimormormi	Tr.		
active like	nship Range X E	Original Wel	Il Owner			
or Gov't Lot# 30	24					
Well Street Address	1 N Z 7 L W	Present Wei	Il Owner			
NIOTH St. 4 N. 11th St.		City	of Man	nitowo	C	
Well City, Village or Town	Well ZIP Code	Mailing Add	ress of Present	Owner		
Manitowoc	54220	900 (RUAU S	treet		
Subdivision Name	Lot#	City of Prese	ent Owne		State	ZIP Code
River Point District			TOWOC		WI	54220
Reason for Removal from Service WI Unique Well	# of Replacement Well			n, Casing & S	Sealing Mat	
No longer needed			piping remove	ed?	X	Yes No N/A
3. Filled & Sealed Well / Drillhole / Borehole I		Liner(s) re			<u> </u>	Yes No N/A
Monitoring Well Original Construction	n Date (mm/dd/yyyy)	1 '''	erforated?			Yes No N/A
Water Well		Screen re	ft in place?		× ×	Yes No N/A
If a Well Construction	n Report is available,	-			X.	
picase attacii.			ng cut off below		X	Yes No N/A
Construction Type:			g material rise ial settle after 2		Z	Yes No NA
Drilled Driven (Sandpoint)	Dug		was hole reto			Yes No N/A
Other (specify):				sed, were they	hvdrated —	
Formation Type:		with water	from a known	safe source?		Yes No N/A
Unconsolidated Formation Bedroo		-		Sealing Materi	al	
Total Well Depth From Ground Surface (ft.) Casing Di	ameter (in.)		ctor Pipe-Gravi	ity Conduc	tor Pipe-Pum	ped
15	.0		ed & Poured nite Chips)	Other (E	Explain)	
Lower Drillhole Diameter (in.) Casing De	epth (ft.)	Sealing Mate	erials			
		Neat C	ement Grout		Concrete	
Was well appular appearanced 2	/.	Sand-C	Cement (Concre	ete) Grout	M Bentonite	e Chips
Was well annular space grouted? Yes	No Unknown	For Monitorin	ng Wells and M	lonitoring Well E	Boreholes Onl	y:
If yes, to what depth (feet)? Depth to Water	(feet)	Benton	ite Chips	Be	ntonite - Cem	ent Grout
		Granula	ar Bentonite	☐ Be	ntonite - Sand	d Slurry
5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sac		Mix Ratio or Mud Weight
Bentonite Chips		Surface	13	0.25 S	A AVA-T	Iviud vveignt
War was a second				0,200		
6. Comments						
7. Supervision of Work		12000	200		DNR Use	Only
Name of Person or Firm Doing Filling & Sealing Licen		100	or Verification	Date Receive		Noted By
Stantec Consulting	(mm/dd/yyy	N) 10/25	12023			
Street or Route	Tel	ephone Numi	the state of the s	Comments		- A
12070 Corporate Parillway	. (2		1-4747			
Weavon State	52°10 2	Signature of F	Person Doing V	Vork A	Da	te Signed
Meavon	13016	/1/	1. 7/	wat	- 10	127/2023

	Watershed/Wastewater	Waste Mans	agement	MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
- I	Remediation/Redevelopmen				10
Facility/Project Name	Local Grid Location of We		. DE.	Well Name	
River Point District	ft	- □ S	ft. □ E.	MW-301	
Facility License, Permit or Monitoring No.	Local Grid Origin (es	timated: 🗆) or "Long	Well Location 🖾	Wis. Unique Well No.	ONR Well ID No.
Facility ID	St. Plane <u>44.0958</u> f	t. N, <u>-87.6644</u>	ft. E. SC/N	Date Well Installed 6 / 3	3 0 12 0 2 3
Type of Well	Section Location of Waste/	Source	E E	Well Installed By: Name	d v v v v
Well Code 11 / MW	<u>NE</u> 1/4 of <u>NE</u> 1/4 of S	ec <u>, 30</u> , T. <u>19</u>	N, R. <u>24</u> □ W	Ben Long	, , ,
Distance from Waste/ Enf. Stds.	Location of Well Relative t	o Waste/Source	Gov. Lot Number		5
Sourceft. Apply		☐ Sidegradient		Horizon Construction and	d Exploration LLC
	d Downgradient n		. Cap and lock?		Vac D Na
A. Protective pipe, top elevation	ft. MSL ———		•	·!	🛚 Yes 🗌 No
B. Well casing, top elevation	ft. MSL	サ□ιੴ╱╱╯	. Protective cover p	-	
			a. Inside diameter	:	in.
C. Land surface elevation	ft. MSL		b. Length:		ft.
D. Surface seal, bottom ft. MS	SI or 0.0 ft.		c. Material:	27/4	Steel 04
				N/A	Other 🖾 🛴
12. USCS classification of soil near screen	1 1 1	I N	d. Additional pro-		☐ Yes ☐ No
GP □ GM □ GC □ GW 🖾 S	SW D SP D		If yes, describe	s:	
SM □ SC □ ML□ MH□ C	CL 🖾 CH 🖾 📗 🔌	#a ₩a \ `a	S. Surface scal:]	Bentonite 🖾 30
		M M \ '	o, burrace scar:		Concrete D 01
13. Sieve analysis performed?	Yes ⊠ No	₩ \			Other
14. Drilling method used: Rot	tary □ 50	Ø ₩ 4	. Material between	well casing and protective	pipe:
Hollow Stem Au	ıger ⊠ 4 l	₩ ₩		* -	Bentonite □ 30
0	ther 🗆 🚃	X		N/A	Other 🗆 🏬
		₩ ş	. Annular space sea		
15. Drilling fluid used: Water □ 0 2	Air □ 01			and weight Bentonite-s	
	None ⊠ 99				•
	l i			ud weight Benton te Bentonite-cer	
16. Drilling additives used?	Yes ⊠ No	₩ W '		volume added for any of	
		\$4 ₩			
Describe			f. How installed:		Tremie 🔲 0 1
17. Source of water (attach analysis, if requ	ired):	፟ ፟		Tremie	e pumped 🔲 02
, , , , , , , , , , , , , , , , , , , ,		X X .			Gravity 🖾 08
		₩ ₩ 6	. Bentonite seal:		e granules 🔲 33
		₩ ₩	b. □1/4 in. □3	3/8 in. □ 1/2 in. Bento	•
E. Bentonite seal, top ft. MS	L or0.0 _ II.	₩ /	c		Other 🛘 🏬
7.7		X X / 7	Fine sand materia	l: Manufacturer, product	name & mach size
F. Fine sand, top ft. MS	Lorft.	2 2 / /	. I me sand motoria	i. Manoiscioloi, product	manne de mesm size
		8 8/ /	a		
G. Filter pack, top ft. MS	L or2.0_ ft.		b. Volume added	ft ³	
	2.0	B B 8	. Filter pack materi	al: Manufacturer, product	name & mesh size
H. Screen joint, top ft. MS	L or3.0_ ft.	3 _3 ∕	a. Red Flint #40		
			b. Volume added	ft ³	
I. Well bottom ft. MS	Lor <u>13.0</u> ft.	9	. Well casing:	Flush threaded PVC sche	edule 40 🖾 23
	<u> </u>		_	Flush threaded PVC sche	edule 80 🗆 24
J. Filter pack, bottom ft. MS	L or 13.0 ft.				Other 🗆 🚃
•		10). Screen material:	PVC	
K. Borehole, bottom ft. MS	L or13.0 ft.		a. Screen type:		actory cut 🖾 11
,			a. Gorden types		uous slot
L. Borehole, diameter $-\frac{4.3}{}$ in.	\			Contin	
El Borolloto, Glameter = = = = m.		\	h Manufastonia		Other 🗆 🔛
M. O.D. well casing $-2.\frac{3}{2}$ in.		/	b. Manufacturerc. Slot size:		0. 010_ in.
M. O.D. well casing -2.3 in.		\	d. Slotted length:		0. <u>0.0</u> m. _ 10.0 ft.
N. I.D. well casing -2.0 in.		`			
N. I.D. well casing -2.0 in.		11	. Backfill material	delow litter pack):	None 14
Therefore and the state of the	C	L. 1	1-1-		Other 🗆 🚉
I hereby certify that the information on this		ne best of my know	viedge.		
Signature (1) hitrage Cull	Firm S	tantec			

Attachment B Page 23 of 29

State of Wis., Dept. of Natural Resources dnr.wi.gov	111-303	Well / Drillhole / Borehole Form 3300-005 (R 4/2015)	Filling & Sealing Report
Notice: Completion of this report is required by accordance with chs. 281, 289, 291-293, 295, a for up to one year, depending on the program a purpose. Return form to the appropriate DNR or	nd 299, Wis. Stats., failure to nd conduct involved. Persona ffice and bureau. See instruct	-293, 295, and 299, Wis. Stats., and chs. file this form may result in a forfeiture of ally identifiable information on this form is ions on reverse for more information.	NR 141 and 812, Wis. Adm. Code. In between \$10-25,000, or imprisonment
Verification Only of Fill and Seal	Route to DNR Bureau: Drinking Water Waste Manageme	Watershed/Wastewater	Remediation/Redevelopment
1. Well Location Information		2. Facility / Owner Information	TO 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -
County WI Unique Well # of	Hicap #	Facility Name	
Mamitowoc Removed Well		River Point Distri	CT
	mat Code Method Code	Facility ID (FID or PWS)	7
44.0957 N	X DD X GPS008		
87.6651 W	SCR002	License/Permit/Monitoring #	
70 to 10 10 10 10 10 10 10 10 10 10 10 10 10		Original Well Owner	
or Gov't Lot #	Township Range X E		
Well Street Address		Present Well Owner City of MamitoWa	00
NIOTH St. 4 N. 11th St.	TW 11 710 0 4	Mailing Address of Present Owner	
Well City, Village or Town MW1 + 0W1 C	Well ZIP Code	900 Quay Street	
Subdivision Name	Lot #	City of Present Owner	State ZIP Code
River Point District	2517	Manitowoo	WI 54720
111101 10111	Well # of Replacement Well	4. Pump, Liner, Screen, Casing &	Sealing Material
No longer needed		Pump and piping removed?	Yes No N/A
3. Filled & Sealed Well / Drillhole / Borel		Liner(s) removed?	Yes No NA
Monitoring Well Original Const	ruction Date (mm/dd/yyyy)	Liner(s) perforated? Screen removed?	☐ Yes ☐ No ☐ N/A ▼Yes ☐ No ☐ N/A
Water Well N#		Casing left in place?	Yes No N/A
Borehole / Drillhole If a Well Cons please attach.	truction Report is available,	Was casing cut off below surface?	Yes No N/A
Construction Type:		Did sealing material rise to surface?	Yes No N/A
Drilled Driven (Sandpoint)	Dug	Did material settle after 24 hours?	Yes No N/A
Other (specify):	5 dg	If yes, was hole retopped?	Yes No N/A
Formation Type:		If bentonite chips were used, were the	y hydrated Yes No N/A
	edrock	with water from a known safe source? Required Method of Placing Sealing Mate	
	ing Diameter (in.)	l -	uctor Pipe-Pumped
13	2.0	Screened & Poured	(Explain):
10	ing Depth (ft.)	Sealing Materials	(Explain).
	mg Bopur (it.)	Neat Cement Grout	Concrete
		Sand-Cement (Concrete) Grout	Bentonite Chips
Was well annular space grouted?	No Unknown	For Monitoring Wells and Monitoring Well	and the same of th
f yes, to what depth (feet)? Depth to	Vater (feet)		Sentonite - Cement Grout
		Granular Bentonite B	entonite - Sand Slurry
5. Material Used to Fill Well / Drillhole		From (ft.) To (ft.) No. Yards, Sa	cks Sealant or Mix Ratio or
Bentonite Chips		Surface 13 0.25	circle one) Mud Weight
DON TOURS		011100	occ .
6. Comments			
7. Supervision of Work			DNR Use Only
Name of Person or Firm Doing Filling & Sealing		ing & Sealing or Verification Date Receiv	
Stantec Consulting	(mm/dd/yyy	10100 10000	
2030 Corporate Parkw	[71] JA	Comments (202) 336-4747	
City		Signature of Person Doing Work	Date Signed
Megvon	1 10CC NO	M. 4 with	- 10/27/2023

	Watershed/Wastewater		nagement [MONITORING WELL (Form 4400-113A	CONSTRUC Rev. 7-98	CTION
Facility/Project Name	Remediation/Redevelopme Local Grid Location of W	7 11		117_11 hT		
River Point District	Local Orio Location of W	ft. □ N. ft. □ S	ft. □ E. ft. □ W.	Well Name		
	Level Cald Calaba E. C.	īr 🗆 2. ——	r. 🗆 W.	MW-303		
Facility License, Permit or Monitoring No.	Local Grid Origin (e	stimated: 🔲) or	Well Location X	Wis. Unique Well No.	ONR Well ID	No.
	Lat	"Long	or			
Facility ID	St. Plane 44.0957	ft. N87.665	l ft. E. (S) C/N	Date Well Installed	0/202	2 3
	Section Location of Waste	e/Source		m m d	$\frac{\sqrt{0}}{\sqrt{v}} \frac{\sqrt{2}}{\sqrt{v}} \frac{\sqrt{v}}{\sqrt{v}}$	$\frac{z}{v} \frac{s}{v}$
Type of Well	<u>NE</u> 1/4 of <u>NE</u> 1/4 of	,	_ N, R. <u>24</u> □ W	Well Installed By: Name	(first, last) ar	nd Firm
Well Code 11 / MW	Location of Well Relative		Gov. Lot Number	Ben Long	5	
Distance from Waste/ Enf. Stds.	u Upgradient	s 🔲 Sidegradieni				_
Sourceft. Apply	d Downgradient			Horizon Construction and	d Exploration	LLC
			1. Cap and lock?		⊠ Yes □	No.
• • •	ft. MSL ———		2. Protective cover	nine:	E 163 L	140
B. Well casing, top elevation	ft. MSL	▝▍▀▘╱		• •		
2, was casing, top one water			a. Inside diamete	r:		_ in.
C. Land surface elevation	ft. MSL	ᆐᆝ	b. Length:			_ ft.
D. Surface seal, bottom ft. MS	00 ft		c. Material:		Steel 🔲	0 4
	######################################			N/A	Other 🛚	
12. USCS classification of soil near screen	n:	All Marketine	d. Additional pro	etection?	☐ Yes ☐	No
GP □ GM □ GC □ GW ☒ S	SW 🗆 SP 🗆 🔪		If yes, describ	e:		
SM ⊠ SC □ ML□ MH□ C	CL□ CH□ \	淵 隅 / /		1	Bentonite 🖾	3 0
Bedrock □			Surface seal:		Concrete	
13. Sieve analysis performed?	Yes ⊠ No					.0000000
14. Drilling method used: Rot	tary □ 50	`	4 Matanial hatman		Other 🗆	
_	*		4. Maieriai delween	well casing and protective		• •
Hollow Stem Au					Bentonite 🗆	
	ther 🗆 🏬			N/A	Other 🗆	STEVER.
45 5 W. 5 00	=		Annular space se	al: a. Granular/Chipped	Bentonite 🛚	
15. Drilling fiuid used: Water □ 0 2	Air 🗆 01		b Lbs/gal r	nud weight Bentonite-s	and slurry	35
Drilling Mud □ 0 3	None I 99			nud weight Benton		
46.75.000				ite Bentonite-cen		
16. Drilling additives used?	Yes ⊠ No			volume added for any of		50
					Tremie	0 1
Describe			f. How installed		pumped \square	
17. Source of water (attach analysis, if requ	iired):			Trenne		~ -
			- T	- D	Gravity 🗵	
			6. Bentonite seal:		granules 🔲	
	- 00 -		b. □1/4 in. △	3/8 in. □ 1/2 in. Bento	nite chips 🛚	
E. Bentonite seal, top ft. MS	L or0.0 _ It.		c		Other	22
			7 Fine cond	l. Manufacturan and the		1
F. Fine sand, top ft. MS	Lorft.	M M / ,	7. Fine sand materia	al: Manufacturer, product	name & mes	n size
			a			
G. Filter pack, top ft. MS	L or2.0_ ft.		b. Volume added	l ft ³		
-				ial: Manufacturer, product	name & mes	sh size
H. Screen joint, top ft. MS	L or 3.0 ft.	遺閥ノ	-		name & mes	*****
			***		_	
I. Well bottom ft. MS	I or 13.0 ft >		 b. Volume added 9. Well casing: 		4.1- 40 🖼	2.2
1. Wen bottom 10 1415	E 01 12.0 II.		9. Well casing:	Flush threaded PVC sche		23
1 TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13.00-	1畳/		Flush threaded PVC sche	_	
J. Filter pack, bottom ft. MS	L or13.0 ft.				Other \square	200000
	12.0.5	1	0. Screen material:	PVC		
K. Borehole, bottom ft. MS	L or13.0 ft.		Screen type:	Fa	ctory cut	
				Continu	uous slot 🛚	01
L. Borehole, diameter $-\frac{4.3}{}$ in.					Other	
		\	b. Manufacturer			220,025
M. O.D. well casing -2.3 in.		\	c. Slot size:			10_ in.
III.		\	d. Slotted length	:		0.0 ft.
N. I.D. well casing $-\frac{2.0}{}$ in.		`.			None 🖾	
m.		1	I. Dackilli materiai	(below filter pack):		
Thoroby costification at a left	farm is twee and	also base of	1 1		Other	2000
I hereby certify that the information on this		the best of my kno	wiedge.			
Signature (1) 6 to C. M	Firm	Stantec				
Whitney Cull	,	o tarrice				

Attachment B Page 25 of 29

dnr.wi.gov	burces WM	11-1	304		rillhole / l 005 (R 4/2015	Borehole F	filling &		Report
Notice: Completion of this report is	required by chs.	VV 160, 281, 2	283, 289, 291				R 141 and 8		
accordance with chs. 281, 289, 29 for up to one year, depending on the	1-293, 295, and 29	99, Wis. St	ats., failure to	file this form	may result in	a forfeiture of be	tween \$10-2	5.000, or impl	risonment
purpose. Return form to the approp	riate DNR office a	and bureau	. See instruct	ions on rever	se for more in	on this form is no formation.	ot intended to	be used for a	any otner
		-	DNR Bureau:	-			~		
Verification Only of Fill	and Seal		king Water	L	Watershed/W	/astewater	Reme	diation/Redev	elopment
4 W 10 0 1 5 0		Was	te Manageme	1	Other:				
1. Well Location Information County WI Unique	ue Well # of	Hicap #		2. Facility Facility Nan	/ Owner Inf	ormation			
Remove		тпсар #				Distric	÷		
Mamitowoc				Facility ID (FID or PWS)	DISCITO	Ļ		
Latitude / Longitude (see instruction	s) Format 957 N X D	3.55	ethod Code X GPS008						
		,,,	SCR002	License/Per	mit/Monitoring	#			
17 (D) : D)		DDM Dahin Da	OTH001	Odele (1)N	11 0				
or Gov't Lot#	_	2	ange X E	Original We	ii Owner				
Well Street Address	30 1	INZ	27 U w	Present We	ll Owner				
NIOTH St. & N. 1	th It.			City	of Ma	nitowo			
Well City, Village or Town	ov.	Well ZIP	Code	Mailing Add	ress of Presen	t Owner			
Manitowoc		542	120	900		Street			
Subdivision Name	1 Set	Lot#		City of Pres			State	ZIP Code	20
	trict	// CD /			TOWOC	n, Casing & S	00	orial OPL	20
Reason for Removal from Service NO 10000 nella Ed	WI Unique Well	# of Replai	cement Well		d piping remov			Yes No	□ N/A
3. Filled & Sealed Well / Drillh	ole / Borehole	Informati	on	Liner(s) re	emoved?		Ď	Yes No	□ N/A
	riginal Construction			, , ,	erforated?			Yes No	N/A
Water Well	NIA			Screen re			\boxtimes	Yes No	□ N/A
Deschola / Dallihara	a Well Construction	on Report is	s available,	-	ft in place?			Yes No	N/A
Construction Type:	lease attach.				ng cut off belov			Yes No	N/A
-	ndnoint)			1	ig material rise ial settle after :			Yes No	N/A
Other (specify):	riapoirit)	Dug		1	, was hole reto			Yes No	N/A
Formation Type:						ised, were they h	ydrated	Yes No	N/A
Unconsolidated Formation	Bedroo	nk			r from a known	sate source? g Sealing Materia		lies [_ livo	AINA
Total Well Depth From Ground Surfa		iameter (in	1		ctor Pipe-Grav		tor Pipe-Pum	ped	
13	2			Screen	ned & Poured	Other (E			
ower Drillhole Diameter (in.)	Casing D			Sealing Mate	nite Chips) erials				
A. A		- F (161)			ement Grout		Concrete		
			_	Sand-0	Cement (Concr	ete) Grout	Bentonite	e Chips	
Vas well annular space grouted?	Yes	No [Unknown	For Monitoria	ng Wells and M	onitoring Well B	oreholes Onl	y:	
f yes, to what depth (feet)?	Depth to Water	(feet)		Benton	ite Chips	Bei	ntonite - Cem	ent Grout	
				Granul	ar Bentonite		ntonite - Sano	,	
5. Material Used to Fill Well / D	rillhole			From (ft.)	To (ft.)	No. Yards, Sack Volume (cir	s Sealant or cle one)	Mix Rati Mud We	
Bentonite Chil)S .			Surface	13	0.25 50			Q-111
i. Comments		-		-					
. Comments									
Commendation (194)									
. Supervision of Work lame of Person or Firm Doing Filling	& Sealing Licer	nse#	Date of Fill	ing & Sealing	or Verification	Date Received	DNR Use	Only Noted By	-
Charbon Committe	10		(mm/dd/yyy		5/2023) Cocived			
treet or Route	2			ephone Num		Comments			-
wou comporate t	arkway		(2		1-4747				
MARAJAIA	State	ZIP Cod	102	Signature of	Person Doing	Work	Da	te Signed	20
IVICA VOVI	MO	100	110	10	1. 7	ny	10,	141/60	43

	Watershed/Wastewater		agement	MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
- I	Remediation/Redevelopm				
Facility/Project Name	Local Grid Location of	Well □ N. _ft. □ S	□ E.	Well Name	
River Point District		ft. 🗖 Š:	ft. 🗆 E. ft. 🗆 W.	MW-304	
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: or Long.	Well Location \(\textstyle \text{or} \)	Wis. Unique Well No.	ONR Well ID No.
Facility ID	St. Plane <u>44.0957</u>	_ ft. N ,87.6649	ft. E. SC/N	Date Well Installed 6 / 3	<u>3 0 /2 0 2 3</u>
Type of Well	Section Location of Was	,	X E	Well Installed By: Name	d v v v v
Well Code11/_MW_	<u>NE</u> 1/4 of <u>NE</u> 1/4 of		N, R. <u>24</u> □ W	Ben Long	, , ,
Distance from Waste/ Enf. Stds.	Location of Well Relative	ve to Waste/Source	Gov. Lot Number		<u> </u>
C1	u Upgradient	s Sidegradient		Horizon Construction and	d Exploration LLC
Source ft. Apply \square	d Downgradient			TIOTIZON CONSTRUCTION and	
A. Protective pipe, top elevation	ft. MSL ——		. Cap and lock?		🛚 Yes 🗌 No
D Wall and a standard	ft. MSL	╫┌╟╱	2. Protective cover p	-	
B. Well casing, top elevation			a. Inside diameter	:	in.
C. Land surface elevation	ft. MSL	الر الر	b. Length:		ft.
			c. Material:		Steel 🔲 04
D. Surface seal, bottom ft. MS	3L or0.0_ It.			N/A	Other 🖾 💹
12. USCS classification of soil near screen	n:	1. No. 6. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	d. Additional pro		□ Yes 🖾 No
GP □ GM □ GC □ GW ☒ S	sw 🗆 sp 🗀 🗎 🥄):	
SM 対 SC □ ML□ MH□ C	CL CH CH C	/III III / /	ir yes, deserror		Bentonite 🖾 30
Bedrock		₩ ₩ \ 3	S. Surface scal:		
13. Sieve analysis performed?	Yes ⊠ No				Concrete 0 1
		₩ ₩ `.			Other 🗆
_	tary 🗆 50	₩ ₩ ⁴	I. Material between	well casing and protective	
Hollow Stem Au					Bentonite □ 30
	ther 🗆 🕮			N/A	Other 🗆 🏬
	_	5	i. Annular space sea	a. Granular/Chipped	Bentonite 🖾 33
15. Drilling fluid used: Water □ 0 2	Air □ 01			ud weight Bentonite-s	sand slurry □ 35
Drilling Mud □ 0 3	None 99			and weight Benton	
				te Bentonite-cer	
16. Drilling additives used?	Yes ⊠ No			volume added for any of	
Describe			f. How installed:		. = **
17. Source of water (attach analysis, if requ	ired):			Trenne	e pumped □ 02
	, and the second				Gravity 🖾 08
		- W	S. Bentonite seal:		e granules 🔲 33
	- 00 0		b. □1/4 in. ⊠	3/8 in. □ 1/2 in. Bento	•
E. Bentonite seal, top ft. MS	L or0.0 _ ft.		с		Other 🗆 🚉
			. Fine cond	l. Mfaabaan	
F. Fine sand, top ft. MS	Lorft.	√	. rme sand materia	l: Manufacturer, product	name & mesn size
			a		
G. Filter pack, top ft. MS	L or2.0_ ft.\		b. Volume added	ft ³	
-				al: Manufacturer, product	name & mesh size
H. Screen joint, top ft. MS	L or3.0_ ft.		a. Red Flint #40	all management, probable	14,113.33
, , , , , , , , , , , , , , , , , , ,			b. Volume added	ft ³	
I. Well bottom ft. MS	Lor 13.0 ft		b. Volume added Nell casing:	Flush threaded PVC sche	
1. Well bottom 10 Mis	Du		. Wen casing:		
J. Filter pack, bottom ft. MS	I a= 13.0 A = 1	イ国人		Flush threaded PVC sche	
J. Filter pack, bottom IL MS	L or 13.0 II.				Other 🛮 🏬
	T 12.00	10). Screen material:	PVC	
K. Borehole, bottom ft. MS	L or13.0 II.		a. Screen type:		actory cut 🖾 11
4.0				Contin	uous slot 🔲 01
L. Borehole, diameter $-\frac{4.3}{}$ in.		,			Other 🗆 🔛
		\	b. Manufacturer		200
M. O.D. well casing -2.3 in.		\	c. Slot size:		0. 010_ in.
, , , , , , , , , , , , , , , , , , ,			d. Slotted length:		_ 10.0 ft.
N. I.D. well casing -2.0 in.		11	. Backfill material		None 14
m.		11	- Duckilli iliateliai	(DOIOW THISEI PACK).	
I hereby certify that the information on this	form is true and source to	to the best of my learn	vlada a		Other 🗆 🚉
C'		o the best of my know	wieage.		
Signature (1) hit you Cull	Firm	Stantec			

Attachment B Page 27 of 29

State of Wis., Dept. of Natural Resources dnr.wi.gov	11-305	Well / Dr	rillhole / E	Borehole Fi	illing & Se	ealing Report
Notice: Completion of this report is required by chs. accordance with chs. 281, 289, 291-293, 295, and 29 for up to one year, depending on the program and copurpose. Return form to the appropriate DNR office a	160, 281, 283, 289, 291- 99, Wis. Stats., failure to induct involved. Persona	293, 295, an file this form	d 299, Wis. St may result in a e information o	ats., and chs. NF a forfeiture of bet on this form is no	ween \$10-25.0	Wis. Adm. Code. In
Verification Only of Fill and Seal	Route to DNR Bureau: Drinking Water Waste Manageme		Watershed/W	/astewater	Remedia	tion/Redevelopment
1. Well Location Information		2. Facility	/ Owner Inf	ormation		
	Hicap #	Facility Nam	ne	District		
Latitude / Longitude (see instructions) Format 44.0957 N X C 87.6645 W \ \[\textsqrc{\textsqrc}{\textsqrc} \]	E ODOGGO		mit/Monitoring	#		
07 Gov't Lot # Section Tow	nship Range X E W	Original We				
Well Street Address N 10th St. 4 N. 11th Jt. Well City, Village or Town	Well ZIP Code	Present Well City Mailing Add	2.46	MITOWOC t Owner	<u> </u>	
MW110W0C Subdivision Name	54220 Lot#	City of Pres	ent Owne	Street	State	ZIP Code 6/177 ()
Reason for Removal from Service WI Unique Well No longer needed	# of Replacement Well	4. Pump, l	Liner, Scree piping remov	n, Casing & Seed?		
3. Filled & Sealed Well / Drillhole / Borehole	Information	Liner(s) re	emoved?		XY	es No N/A
Original Construction	n Date (mm/dd/yyyy)	Liner(s) p	erforated?		ΠY	es No N/A
Monitoring Well		Screen re	moved?		XY	es No N/A
Water Well		Casing le	ft in place?		XY	es No N/A
Borehole / Drillhole If a Well Construction If a Well Construction	on Report is available,	Was casir	ng cut off below	w surface?	XX	es No N/A
Construction Type:		1	g material rise		₩.	
-	□ p		ial settle after		=	es No N/A
	Dug		, was hole reto			es No N/A
Other (specify):				used, were they h		
Formation Type:				safe source?	, Y	es No N/A
Unconsolidated Formation Bedro	ck	Required Me	ethod of Placin	g Sealing Materia	al	
Total Well Depth From Ground Surface (ft.) Casing D	Diameter (in.)	1	ctor Pipe-Grav	rity Conduct	or Pipe-Pumpe	d
13 2	.0		ned & Poured nite Chips)	Other (E.	xplain):	
ower Drillhole Diameter (in.) Casing D	Depth (ft.)	Sealing Mate				
		☐ Neat C	ement Grout	Ī	Concrete	
		Sand-G	Cement (Concr	rete) Grout	Bentonite C	Chips
Vas well annular space grouted?	No Unknown		A STATE OF THE STA	Nonitoring Well Bo		
f yes, to what depth (feet)? Depth to Wate	r (feet)	Benton	nite Chips ar Bentonite	Ber	ntonite - Cemer ntonite - Sand S	
5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sack	s Sealant or	Mix Ratio or
- April 2 - Control of the Control o				Volume (circ		Mud Weight
Bentonite Chips		Surface	13	0.25 Sc	ICL	
6. Comments						
7. Supervision of Work					DNR Use C	Only 1
Name of Person or Firm Doing Filling & Sealing Lice			or Verification	Date Received		oted By
Stantec Consulting	(mm/dd/yy	yy) 10/2	0 2023	5		
Street or Route		lephone Num	ber (- 4247	Comments		

Signature of Person Doing Work

Date Signed 10/27/2023

	Watershed/Wastewater	Waste <u>Ma</u> na	igement	MONITORING WELL Form 4400-113A	CONSTRUCTION
F. 111. /D. L M.	Remediation/Redevelopment				10.1.7.50
Facility/Project Name	Local Grid Location of Well	□ N. □ S	. DE.	Well Name	
River Point District	ft.	□ S	ft. □ E.	MW-305	
Facility License, Permit or Monitoring No.	Lat, estir	mated: □) or "Long	Well Location 🖾	Wis. Unique Well No.	DNR Well ID No.
Facility ID	St. Plane 44.0957 ft.	N , -87.6645	ft. E. S C/N	Date Well Installed 6/	3 0 12 0 2 3
Type of Well	Section Location of Waste/Se	ource	XI E	Well Installed By: Nam	d d v v v v
Well Code11/_MW	<u>NE</u> 1/4 of <u>NE</u> 1/4 of Se	c <u>. 30</u> ,T. <u>19</u>	N, R. <u>24</u> □ W	Ben Lon	, , ,
Distance from Waste/ Enf. Stds.	Location of Well Relative to	Waste/Source	Gov. Lot Number		5
G1		☐ Sidegradient		Horizon Construction an	nd Exploration LLC
	d Downgradient n		C 11l-2		1
A. Protective pipe, top elevation	ft. MSL ————		. Cap and lock?	·	🛚 Yes 🗖 No
B. Well casing, top elevation	ft. MSL	搉▧╱╱	. Protective cover p	-	•.
			a. Inside diameter	:	in.
C. Land surface elevation	ft. MSL		b. Length:		ft.
D. Surface seal, bottom ft. MS	SLor 0.0 ft.		c. Material:	NT/A	Steel 04
12. USCS classification of soil near screen	W-3000 3 * 3	1.1		N/A	Other 🖾
	1 (4)	X	d. Additional pro		☐ Yes 🖾 No
GP GM GC GW S S	SW 🖾 SP 🗆		If yes, describe	s:	
Bedrock	L W CH L	I 👹 \ `₃	, Surface scal:		Bentonite 30
	V 197 N				Concrete 0 1
	Yes ⊠ No	1 💹 🔪			Other 🗆
_	tary □ 50	}	. Material between	well casing and protective	e pipe:
Hollow Stem Au		\$ ₩			Bentonite □ 30
o	ther 🗆 💢 📗 🎇			N/A	Other 🗆 🏬
45 B W. 6 W 4 W 5 B 0 2		5	. Annular space sea	a. Granular/Chipped	
15. Drilling fluid used: Water □ 0 2 Drilling Mud □ 0 3	Air 01	1 🔯 🗀 1	bLbs/gal m	and weight Bentonite-	sand slurry □ 35
	None 99 88		Lbs/gal m	ud weight Benton	nite slurry 31
16. Drilling additives used?	Vas MINIO			te Bentonite-ce	
To. Drining additives used:	Yes ⊠ No	1 XXI .	eFt ³	volume added for any of	f the above
Describe		f ₩ f	How installed:		Tremie 🔲 0 1
Describe			•	Tremi	ie pumped 🗆 02
17. Source of water (attach analysis, if requ	iired):	:			Gravity 🖾 08
		6	. Bentonite seal:	a. Bentonit	te granules 33
			b. □1/4 in. ⊠3	3/8 in. □ 1/2 in. Bent	tonite chips 🖾 32
E. Bentonite seal, top ft. MS	L or0.0 _ ft., 👺		с		Other 🗆 🚉
	\				
F. Fine sand, top ft. MS	L or ft.		. Fine sand materia	l: Manufacturer, product	t name & mesh size
			a		
G. Filter pack, top ft. MS	L or2.0_ ft.		 b. Volume added 		
	30.0-	8 8	. Filter pack materi	 al: Manufacturer, produc 	t name & mesh size
H. Screen joint, top ft. MS	L or 3.0_ It.	 -	a. Red Flint #40		
	12.0 2		 b. Volume added 		5
I. Well bottom ft. MS	L or 13.0 ft.	9	. Well casing:	Flush threaded PVC sch	
				Flush threaded PVC sch	nedule 80 🔲 24
J. Filter pack, bottom ft. MS	L or 13.0 ft.				Other 🗆 🊃
		10	. Screen material:	PVC	
K. Borehole, bottom ft. MS	L or13.0 ft.		a. Screen type:	F	actory cut 🖾 11
				Contin	nuous slot 🗆 01
L. Borehole, diameter -4.3 in.	\E_				Other 🗆 🔛
		\	b. Manufacturer		335335
M. O.D. well casing -2.3 in.		`	c. Slot size:		0. <u>010</u> in.
		\	d. Slotted length:		10.0 ft.
N. I.D. well casing -2.0 in.		11	. Backfill material	(below filter pack):	None 🖾 14
<u> </u>					Other 🗆 🚉
I hereby certify that the information on this	form is true and correct to the	e best of my know	vledge.		
C'	Firm				
Signature (1) hitrary Cull	I St:	antec			

Attachment B Page 29 of 29

Attachment C Interim Project Area Grades (December 2023)

