



**REI**

**CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING**

**CONSTRUCTION DOCUMENTATION  
REPORT  
ANIWA ARSENIC SITE  
MARSH ROAD AT CHICAGO & NW RR  
ANIWA, WI 54414  
BRRTS #02-59-000198  
REI PROJECT #6663**



**COMPREHENSIVE  
SERVICES WITH  
PRACTICAL  
SOLUTIONS**



# **CONSTRUCTION DOCUMENTATION REPORT**

**ANIWA ARSENIC SITE  
MARSH ROAD NEAR CHICAGO & NW RR  
ANIWA, WI 54414  
BRRTS # 02-59-000198**

**REI PROJECT #6663**



## **PREPARED FOR:**

**Town of Aniwa  
N10485 Cherry Road  
Aniwa, WI 54414**

**OCTOBER 2021**

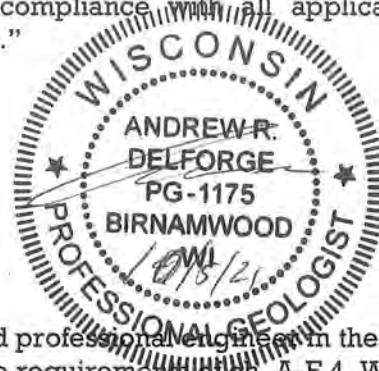
# CONSTRUCTION DOCUMENTATION REPORT

**ANIWA ARSENIC SITE  
MARSH ROAD AT CHICAGO & NW RR  
ANIWA, WI 54414  
BRRTS # 02-59-000198**

**REI PROJECT #6663**

The recommendations contained in this report are based on the information obtained from our study of the site and were arrived at in accordance with accepted hydrogeologic and our study of the site and were arrived at in accordance with accepted hydrogeologic and engineering practices at this time and location.

"I, Andrew R. Delforge, hereby certify that I am a registered Professional Geologist in the state of Wisconsin as defined in Wisconsin Statutes Chapter 470.01. I also certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



I, Michael Mohr, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



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# **CONSTRUCTION DOCUMENTATION REPORT**

## **ANIWA ARSENIC SITE MARSH ROAD AT CHICAGO AND NW RR ANIWA, WI 54414 BRRTS # 02-59-000198**

### **REI PROJECT #6663**

#### **1.0 INTRODUCTION**

REI is providing a Construction Documentation Report for the Aniwa Arsenic site, located northeast of the intersection of Marsh Road and the former Chicago and Northwest Railroad in the Town of Aniwa, Shawano County, WI. The site location is shown on Figure 1.

#### **1.1 Purpose**

This report presents the documentation of construction completion for the clay capping of arsenic contaminated soils from the Aniwa Arsenic site on Marsh Road in the Town of Aniwa, WI. The purpose of this report is to document that the completed construction meets or exceeds all design criteria and plans and specifications developed in accordance with the Wisconsin Administrative Code, ch. NR 724.

#### **2.0 SITE BACKGROUND**

##### **2.1 Site Address/Responsible Party**

###### **Site Location:**

Aniwa Arsenic Site  
Marsh Road at Chicago & NW RR  
Town of Aniwa  
Shawano County, WI 54414

###### **Site Contact and Responsible Party:**

Town of Aniwa  
Tammy Resch - Clerk  
N10485 Cherry Road  
Biramwood, WI 54414

##### **2.2 Property Description**

The site consists of 4.35 acres described as "All that Part of the SE ¼ of the NW ¼ lying east of the Chicago & Northwest Railroad, Section 19 Township 29 North, Range 11 East. The property was acquired by the Town of Aniwa from Shawano County via tax

foreclosure in 1939. The property itself is wooded excepting the areas of contamination, which have been cleared for remediation. Surrounding properties are wooded, agricultural, or rural residential.

### **2.3 Summary of Nature and Extent of Soil Contamination**

The source of the contamination is leftover sodium arsenite pesticide, which was stored in a shed on site since the 1950s. Drums of leftover arsenic pesticide were buried on site in 1975 in a "shallow pit". Upon discovery, the drums were subsequently excavated, as well as the surrounding contaminated soil. The excavation is assumed to have been backfilled with pit run sand, and the area was capped with two (2) feet of clay in 1984.

A site investigation was completed, and periodic groundwater monitoring was conducted by Warren Hohn Soil Testing through 2013. REI prepared a Closure Report in 2014. Based on review of the Closure Report, the WDNR, in cooperation with the EPA retained TetraTech to conduct additional source removal in June 2015 which included excavation of 1,019 tons of contaminated soil. Confirmation soil sampling documented residual soil contamination above the Background Threshold Value (BTV) for arsenic. Additional soil sampling in 2019 and 2020 by Warren Hohn Soil Testing defined the contamination.

Based on the results of an Update Report, prepared by REI and dated November 16, 2020, the WDNR determined that additional clay capping of the areas exceeding the BTV (8 mg/kg arsenic) was appropriate to bring the site to closure. It was further agreed, that based on the results of long-term groundwater monitoring, additional groundwater sampling was unnecessary, and the monitoring wells could be abandoned in accordance with NR 141.

## **3.0 SUMMARY OF WORK**

### **3.1 Capping of Contaminated Soil**

The proposed remedial action was described in the Remedial Action Plan (RAP) dated December 22, 2020 and prepared by REI. The Town of Aniwa solicited bids for the

work, and Kautza Excavating, of Birnamwood, WI was selected to complete the work. REI was on site on September 13, 2021 to stake and paint the areas to be capped. On September 14, 2021, Kautza Excavating placed approximately 140 cubic yards of low permeability clay over the areas demarcated by the WDNR and REI on Figure 2. The clay cap was placed approximately twelve (12) inches thick and compacted with the bulldozer. Following capping, the areas were seeded. Photographs are included in Appendix A.

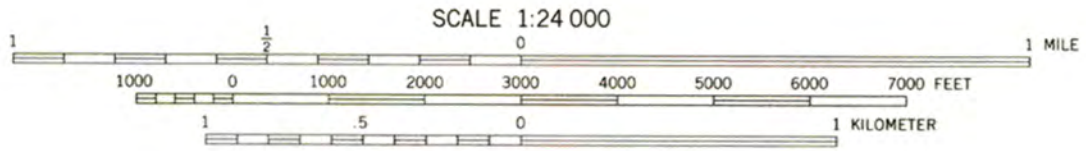
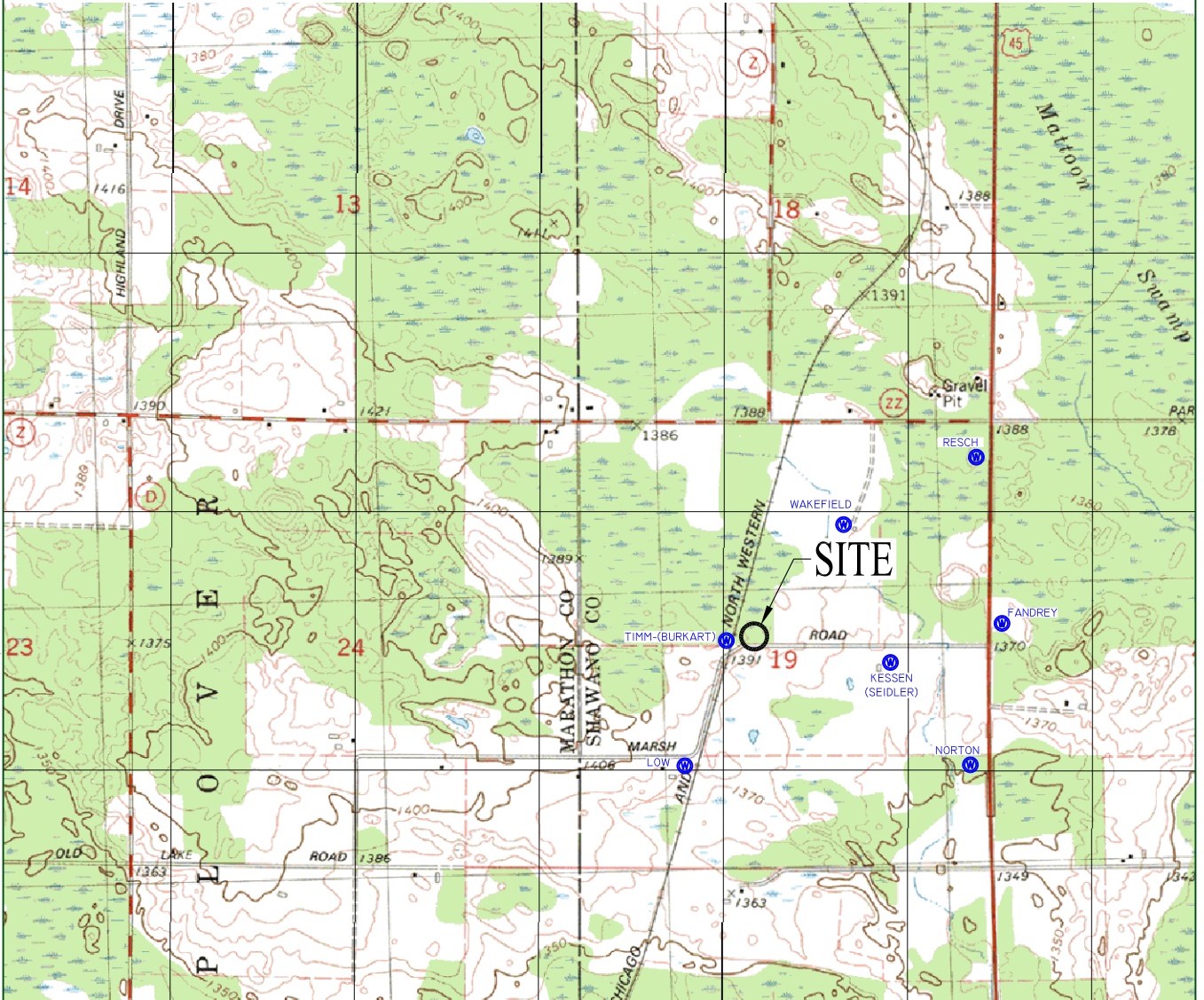
### **3.2 Monitoring Well Abandonment**

Groundwater has been monitored at the site since 1983, with the most recent sampling event in May of 2021. Based on the data, the WDNR determined that no additional groundwater sampling was required, and the monitoring wells could be abandoned. REI abandoned and oversaw removal of the monitoring well network during the capping construction. Monitoring wells B10, B11, B12, B13r, B19r, B20, and B21 were filled with 3/8" chipped bentonite on September 14, 2021. Monitoring wells B13, B13a, B18 and B19 were previously abandoned and removed during the 2015 excavation. All of the wells had been constructed with an above grade, locking, steel protective cover (pro-top). After filling, the pro-top was pushed over with the bulldozer, and the PVC casing was cut or broken off below grade. Photographs are included in Appendix A. The monitoring well abandonment forms are in Appendix B.

## **4.0 CONCLUSIONS AND RECOMMENDATIONS**

Groundwater contamination at the site has demonstrated a decreasing trend, and the monitoring well network has been abandoned. Residual arsenic contaminated soil remains at the site above the Background Threshold Level, but has been capped with low-permeability clay. The clay capping will serve to eliminate the potential for direct contact, as well as minimize infiltration to groundwater in the areas of residual contamination. REI recommends the site be resubmitted for closure with a GIS registry for residual soil and groundwater contamination, and a cap maintenance plan.

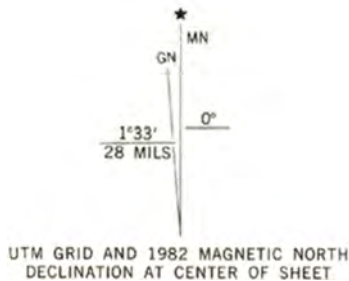
DRAWING FILE: P:\6600-6699\6663-TOWN OF ANIWA - ARSENIC SITE\DWG\6663-VICN.DWG LAYOUT: VICN PLOTTED: Nov 12, 2020 - 10:44AM PLOTTED BY: CHASEK



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



Ⓢ PRIVATE WELL



**BIRNAMWOOD, WIS.**  
NW/4 WITTENBERG 15' QUADRANGLE  
N4452.5-W8907.5/7.5

1982  
REI Engineering, INC.

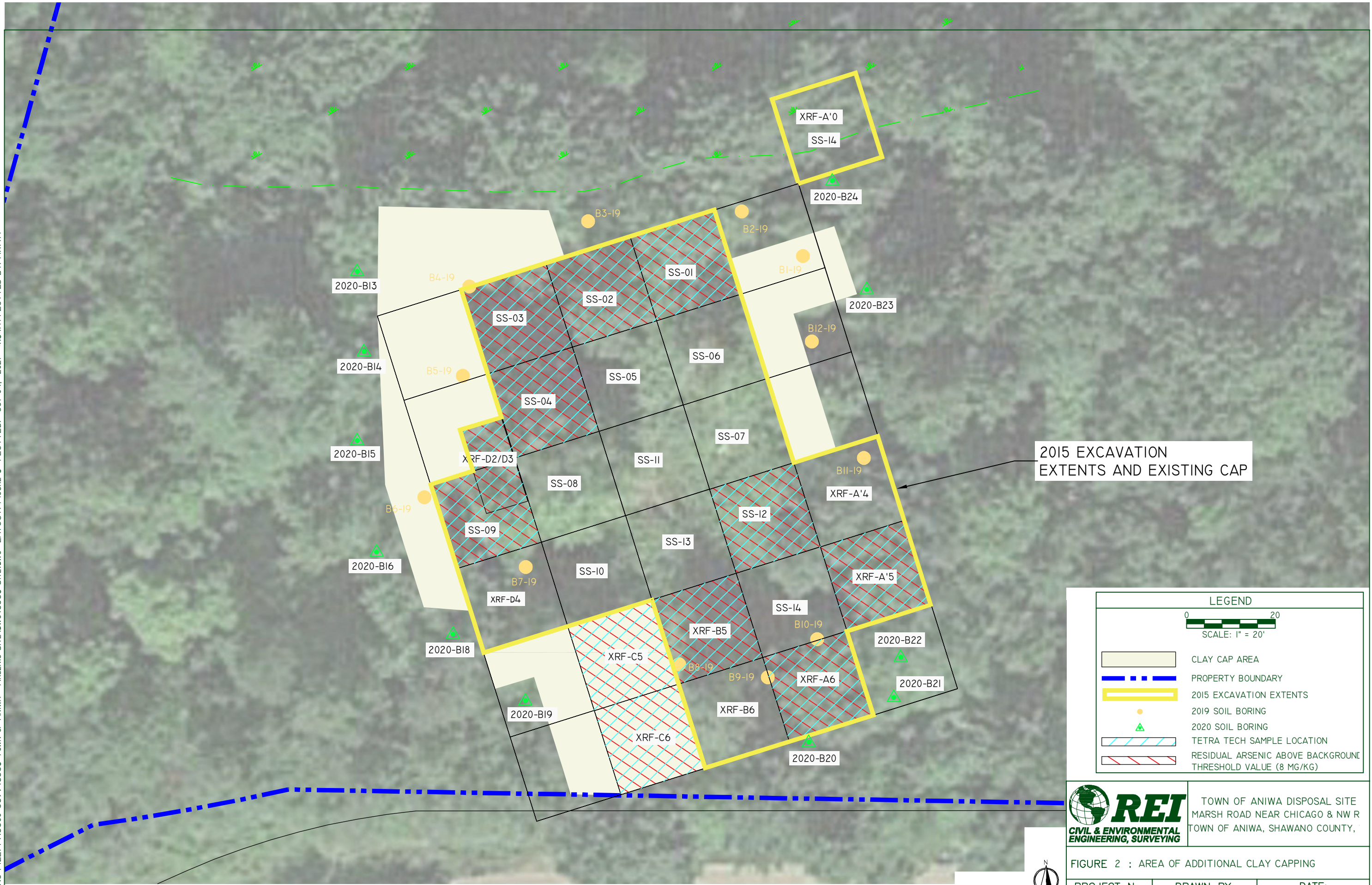
TOWN OF ANIWA DISPOSAL SITE  
MARSH ROAD NEAR CHICAGO & NW RAILROAD  
TOWN OF ANIWA, SHAWANO COUNTY, WI

FIGURE 1 : LOCATION MAP

PROJECT NO.	6663	DRAWN BY:	CJK	DATE:	11/12/2020
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DRAWING FILE: P:\6600-6699\6663-TOWN OF ANIWA - ARSENIC SITE.DWG\6663-SITE.DWG LAYOUT: FIGURE 3 PLOTTED: Oct 04, 2021 - 4:34pm PLOTTED BY: MATTM



2015 EXCAVATION  
EXTENTS AND EXISTING CAP

LEGEND	
	SCALE: 1" = 20'
	CLAY CAP AREA
	PROPERTY BOUNDARY
	2015 EXCAVATION EXTENTS
	2019 SOIL BORING
	2020 SOIL BORING
	TETRA TECH SAMPLE LOCATION
	RESIDUAL ARSENIC ABOVE BACKGROUND THRESHOLD VALUE (8 MG/KG)

	TOWN OF ANIWA DISPOSAL SITE MARSH ROAD NEAR CHICAGO & NW R TOWN OF ANIWA, SHAWANO COUNTY,	
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FIGURE 2 : AREA OF ADDITIONAL CLAY CAPPING

PROJECT No. 6663	DRAWN BY: MCM	DATE: 10/4/2021
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REI Engineering, INC.

# **APPENDIX A**

## **PHOTOGRAPHS**





Stakes indicating location of most recent soil samples



Sample location stakes defining area of capping



Sample location stakes defining area of capping



Staking area to be capped



Staking area to be capped



Staking area to be capped



Staking area to be capped



Staking areas to be capped

Aniwa Arsenic Site – Construction Documentation Report	Photographs
Marsh Road Near Chicago & NW RR, Aniwa, WI 54414	REI No. 6663



Abandoning monitoring wells



Abandoning monitoring wells



Abandoning monitoring wells



Abandoning monitoring wells



Stripping surface cover prior to capping



Capping



Capping



Capping



Capping



Capping



Clay cap placed and compacted



Clay cap placed and compacted



Clay cap placed and compacted



Clay cap placed and compacted



Clay cap placed and compacted



Capping prior to seeding

Aniwa Arsenic Site – Construction Documentation Report	Photographs
Marsh Road Near Chicago & NW RR, Aniwa, WI 54414	REI No. 6663



**APPENDIX B**

**MONITORING WELL ABANDONMENT FORMS  
(3300-005)**



**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**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Shawano</b>	WI Unique Well # of Removed Well	Hicap # <b>B10</b>
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 / 1/4 <b>SE</b> 1/4 <b>NW</b> or Gov't Lot #	Section <b>19</b>	Township <b>29 N</b>
Well Street Address <b>Marsh Road at Chicago &amp; NW Railroad</b>	Range <b>11</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W
Well City, Village or Town <b>Town of Aniwa</b>	Well ZIP Code <b>54414</b>	
Subdivision Name	Lot #	
Reason for Removal from Service <b>Site Closure</b>	WI Unique Well # of Replacement Well	

Facility Name <b>Antigo Arsenic Site</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <b>BRRTS #02-59-000198</b>		
Original Well Owner		
Present Well Owner <b>Town of Aniwa</b>		
Mailing Address of Present Owner <b>N10485 Cherry Road</b>		
City of Present Owner <b>Aniwa</b>	State <b>WI</b>	ZIP Code <b>54414</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>9/12/83</b>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>16</b>	Casing Diameter (in.) <b>2</b>
Lower Drillhole Diameter (in.)	Casing Depth (ft.) <b>6</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>7</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

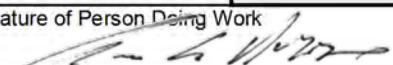
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Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	16	1/2 bag	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Andrew Delforge - REI</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9/14/21</b>	Date Received	Noted By
Street or Route <b>4080 North 20th Avenue</b>	Telephone Number <b>( 715 ) 675-9784</b>	Comments		
City <b>Wausau</b>	State <b>WI</b>	ZIP Code <b>54414</b>	Signature of Person Doing Work 	Date Signed <b>10/4/21</b>

**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.

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**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Shawano</b>	WI Unique Well # of Removed Well _____	Hicap # <b>B11</b>
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 / 1/4 <b>SE</b> 1/4 <b>NW</b> or Gov't Lot #	Section <b>19</b>	Township <b>29 N</b>
		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W
Well Street Address <b>Marsh Road at Chicago &amp; NW Railroad</b>		
Well City, Village or Town <b>Town of Aniwa</b>		Well ZIP Code <b>54414</b>
Subdivision Name		Lot #
Reason for Removal from Service <b>Site Closure</b>	WI Unique Well # of Replacement Well _____	

Facility Name <b>Antigo Arsenic Site</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <b>BRRTS #02-59-000198</b>		
Original Well Owner		
Present Well Owner <b>Town of Aniwa</b>		
Mailing Address of Present Owner <b>N10485 Cherry Road</b>		
City of Present Owner <b>Aniwa</b>	State <b>WI</b>	ZIP Code <b>54414</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>9/13/83</b>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>19.5</b>	Casing Diameter (in.) <b>2</b>
Lower Drillhole Diameter (in.)	Casing Depth (ft.) <b>9.5</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>13</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

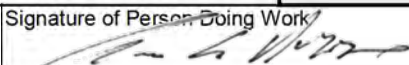
Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	19.5	2/3 bag	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Andrew Delforge - REI</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9/14/21</b>	Date Received	Noted By
Street or Route <b>4080 North 20th Avenue</b>		Telephone Number <b>( 715 ) 675-9784</b>	Comments	
City <b>Wausau</b>	State <b>WI</b>	ZIP Code <b>54414</b>	Signature of Person Doing Work 	Date Signed <b>10/4/21</b>

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Shawano</b>	WI Unique Well # of Removed Well _____	Hicap # <b>B12</b>
Latitude / Longitude (see instructions) ____ N ____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 / 1/4 <b>SE</b> 1/4 <b>NW</b> or Gov't Lot #	Section <b>19</b>	Township <b>29 N</b>
		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W
Well Street Address <b>Marsh Road at Chicago &amp; NW Railroad</b>		
Well City, Village or Town <b>Town of Aniwa</b>		Well ZIP Code <b>54414</b>
Subdivision Name		Lot #
Reason for Removal from Service <b>Site Closure</b>	WI Unique Well # of Replacement Well _____	

Facility Name <b>Antigo Arsenic Site</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <b>BRRTS #02-59-000198</b>		
Original Well Owner		
Present Well Owner <b>Town of Aniwa</b>		
Mailing Address of Present Owner <b>N10485 Cherry Road</b>		
City of Present Owner <b>Aniwa</b>	State <b>WI</b>	ZIP Code <b>54414</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>9/13/83</b>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>20</b>	Casing Diameter (in.) <b>2</b>
Lower Drillhole Diameter (in.)	Casing Depth (ft.) <b>10</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>13</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

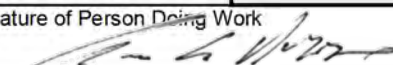
Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	20	2/3 bag	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Andrew Delforge - REI</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9/14/21</b>	Date Received	Noted By
Street or Route <b>4080 North 20th Avenue</b>	Telephone Number <b>( 715 ) 675-9784</b>	Comments		
City <b>Wausau</b>	State <b>WI</b>	ZIP Code <b>54414</b>	Signature of Person Doing Work 	Date Signed <b>10/4/21</b>

**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**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Shawano</b>	WI Unique Well # of Removed Well _____	Hicap # <b>B13r</b>
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 / 1/4 <b>SE</b> 1/4 <b>NW</b> or Gov't Lot #	Section <b>19</b>	Township <b>29 N</b>
Well Street Address <b>Marsh Road at Chicago &amp; NW Railroad</b>	Range <b>11</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W
Well City, Village or Town <b>Town of Aniwa</b>	Well ZIP Code <b>54414</b>	
Subdivision Name	Lot #	
Reason for Removal from Service <b>Site Closure</b>	WI Unique Well # of Replacement Well _____	

Facility Name <b>Antigo Arsenic Site</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <b>BRRTS #02-59-000198</b>		
Original Well Owner		
Present Well Owner <b>Town of Aniwa</b>		
Mailing Address of Present Owner <b>N10485 Cherry Road</b>		
City of Present Owner <b>Aniwa</b>	State <b>WI</b>	ZIP Code <b>54414</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>9/21/15</b>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>16.02</b>	Casing Diameter (in.) <b>2</b>
Lower Drillhole Diameter (in.)	Casing Depth (ft.) <b>6.02</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>12</b>

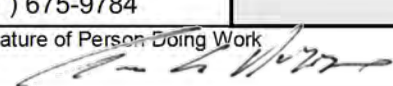
**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	16.02	1/2 bag	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Andrew Delforge - REI</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9/14/21</b>	Date Received	Noted By
Street or Route <b>4080 North 20th Avenue</b>	Telephone Number <b>( 715 ) 675-9784</b>	Comments		
City <b>Wausau</b>	State <b>WI</b>	ZIP Code <b>54414</b>	Signature of Person Doing Work 	Date Signed <b>10/4/21</b>

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Shawano</b>	WI Unique Well # of Removed Well _____	Hicap # <b>B19r</b>
Latitude / Longitude (see instructions) ____ N ____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 / 1/4 <b>SE</b> 1/4 <b>NW</b> or Gov't Lot #	Section <b>19</b>	Township <b>29 N</b>
		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W
Well Street Address <b>Marsh Road at Chicago &amp; NW Railroad</b>		
Well City, Village or Town <b>Town of Aniwa</b>		Well ZIP Code <b>54414</b>
Subdivision Name		Lot #
Reason for Removal from Service <b>Site Closure</b>	WI Unique Well # of Replacement Well _____	

Facility Name <b>Antigo Arsenic Site</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <b>BRRTS #02-59-000198</b>		
Original Well Owner		
Present Well Owner <b>Town of Aniwa</b>		
Mailing Address of Present Owner <b>N10485 Cherry Road</b>		
City of Present Owner <b>Aniwa</b>	State <b>WI</b>	ZIP Code <b>54414</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>9/21/15</b>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>14.16</b>	Casing Diameter (in.) <b>2</b>
Lower Drillhole Diameter (in.)	Casing Depth (ft.) <b>4.16</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>11</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

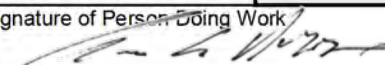
Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	14.16	1/2 bag	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Andrew Delforge - REI</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9/14/21</b>	Date Received	Noted By
Street or Route <b>4080 North 20th Avenue</b>		Telephone Number <b>( 715 ) 675-9784</b>	Comments	
City <b>Wausau</b>	State <b>WI</b>	ZIP Code <b>54414</b>	Signature of Person Doing Work 	Date Signed <b>10/4/21</b>

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Shawano</b>	WI Unique Well # of Removed Well _____	Hicap # <b>B20</b>
Latitude / Longitude (see instructions) ____ N ____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 / 1/4 <b>SE</b> 1/4 <b>NW</b> or Gov't Lot #	Section <b>19</b>	Township <b>29 N</b>
		Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> W
Well Street Address <b>Marsh Road at Chicago &amp; NW Railroad</b>		
Well City, Village or Town <b>Town of Aniwa</b>		Well ZIP Code <b>54414</b>
Subdivision Name		Lot #
Reason for Removal from Service <b>Site Closure</b>	WI Unique Well # of Replacement Well _____	

Facility Name <b>Antigo Arsenic Site</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <b>BRRTS #02-59-000198</b>		
Original Well Owner		
Present Well Owner <b>Town of Aniwa</b>		
Mailing Address of Present Owner <b>N10485 Cherry Road</b>		
City of Present Owner <b>Aniwa</b>	State <b>WI</b>	ZIP Code <b>54414</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>1/7/90</b>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>16.14</b>	Casing Diameter (in.) <b>2</b>
Lower Drillhole Diameter (in.)	Casing Depth (ft.) <b>6.14</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>12</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**

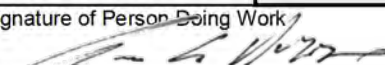
Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	16.14	1/2 bag	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Andrew Delforge - REI</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9/14/21</b>	Date Received	Noted By
Street or Route <b>4080 North 20th Avenue</b>	Telephone Number <b>( 715 ) 675-9784</b>	Comments		
City <b>Wausau</b>	State <b>WI</b>	ZIP Code <b>54414</b>	Signature of Person Doing Work 	Date Signed <b>10/4/21</b>

**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**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County <b>Shawano</b>	WI Unique Well # of Removed Well _____	Hicap # <b>B20</b>
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 / 1/4 <b>SE</b> 1/4 <b>NW</b> or Gov't Lot #	Section <b>19</b>	Township <b>29 N</b>
Well Street Address <b>Marsh Road at Chicago &amp; NW Railroad</b>	Range <b>11</b>	Range <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> <b>W</b>
Well City, Village or Town <b>Town of Aniwa</b>	Well ZIP Code <b>54414</b>	
Subdivision Name	Lot #	
Reason for Removal from Service <b>Site Closure</b>	WI Unique Well # of Replacement Well _____	

Facility Name <b>Antigo Arsenic Site</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <b>BRRTS #02-59-000198</b>		
Original Well Owner		
Present Well Owner <b>Town of Aniwa</b>		
Mailing Address of Present Owner <b>N10485 Cherry Road</b>		
City of Present Owner <b>Aniwa</b>	State <b>WI</b>	ZIP Code <b>54414</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <b>7/15/04</b>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>16.82</b>	Casing Diameter (in.) <b>2</b>
Lower Drillhole Diameter (in.)	Casing Depth (ft.) <b>6.82</b>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet) <b>9</b>

**4. Pump, Liner, Screen, Casing & Sealing Material**


Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

**5. Material Used to Fill Well / Drillhole**

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Holeplug Bentonite	Surface	16.82	1/2 bag	

**6. Comments**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Andrew Delforge - REI</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9/14/21</b>	Date Received	Noted By
Street or Route <b>4080 North 20th Avenue</b>	Telephone Number <b>( 715 ) 675-9784</b>	Comments		
City <b>Wausau</b>	State <b>WI</b>	ZIP Code <b>54414</b>	Signature of Person Doing Work 	Date Signed <b>10/4/21</b>