From: Vater, Katherine <KVater@trccompanies.com>
Sent: Tuesday, June 02, 2020 9:45 AM
To: McKnight, Kevin - DNR
Subject: RE: [EXTERNAL] American Can (former)
Attachments: Former American Can_Well Abandonment Forms_BRRTS No. 02-71-275015.pdf

Kevin –

Attached are the well abandonment forms.

The wells and any other IDW (PPE, etc.) were disposed of off-site at a licensed solid waste disposal facility. The well protective casings were recycled as scrap metal.

Thanks,
Katherine

608-826-3663

From: McKnight, Kevin - DNR <Kevin.McKnight@wisconsin.gov>
Sent: Wednesday, May 27, 2020 10:40 AM
To: Vater, Katherine <KVater@trccompanies.com>
Subject: RE: [EXTERNAL] American Can (former)

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

Katherine,

Thanks for sending this. Can you please send me e-copies of the monitoring well abandonment forms and confirm that all investigative waste has been disposed of? Thanks again and I will be in touch if there is anything else needed to finalize case closure.

Regards,

Kevin

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Kevin D. McKnight
Temporary Cell Phone: 920-366-5455
Phone: (920)-424-7890
kevin.mcknight@wisconsin.gov

From: Vater, Katherine <KVater@trccompanies.com>
Sent: Friday, May 22, 2020 10:22 AM
To: McKnight, Kevin - DNR <Kevin.McKnight@wisconsin.gov>
Subject: RE: [EXTERNAL] American Can (former)

Hi Kevin –

See the attached PDF that contains your requested changes. I'm not providing a hard copy unless you need one. Please let me know.

Have a nice long weekend!

Thanks,
Katherine

Katherine Vater, PE (WI)
Project Manager

708 Heartland Trail, Suite 3000, Madison, WI 53717
T 608-826-3663 | **C** 608-807-8968 | kvater@trccompanies.com
LinkedIn | Twitter | Blog | TRCcompanies.com

From: McKnight, Kevin - DNR <Kevin.McKnight@wisconsin.gov>
Sent: Monday, March 9, 2020 11:48 AM
To: Vater, Katherine <KVater@trccompanies.com>
Cc: K M <Kevin.McKnight@wisconsin.gov>
Subject: [EXTERNAL] American Can (former)

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

Katherine,

Below are a few final edits for this site. Please email revisions directly to me and feel free to call to discuss.

Kevin

Form 4400-202

- Attachment G Table
- A- uncheck Industrial RCLs Met/applied; check Residual volatile contamination poses future risk of VI.

Attachment B:

- Property lines not on submitted B.2.b as indicated on cover sheet
- Slurry wall not on all submitted figures as indicated on cover sheet- Need B.2.b and B.3.d to be revised.

Attachment D:

- Edit text to: Cap maintenance is not a case closure requirement for this site.

Attachment E:

- Remove last 2 lines from last paragraph E.1 Monitoring Well Logs.

Attachment G:

- Return receipts included are the initial docs, not the returned copy.

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Kevin D. McKnight
Hydrogeologist - Remdiation and Redevelopment Program
Wisconsin Department of Natural Resources
Oshkosh Service Center
625 E CTY Y, Suite 700
Oshkosh WI 54901
Phone: (920)-424-7890
Fax: (920)-424-4404
kevin.mcknight@Wisconsin.gov

dnr.wi.gov

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

Well / Drillhole / Borehole Filling & Sealing Report

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.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County: WINNEBAGO
WI Unique Well # of Removed Well: PL 154
Hicap #: NA
Latitude / Longitude (see instructions): 44° 11' 46.46" N, 88° 27' 24.77" W
Format Code: ☐ DD ☒ DDM
Method Code: ☐ GPS008 ☒ SCR002 ☐ OTH001
¼ / ¼ SE ¼ NW
or Gov't Lot #: —
Section: 22
Township: 20 N
Range: 17 ☒ E ☐ W
Well Street Address: 160 WASHINGTON ST.
Well City, Village or Town: MENASHA
Well ZIP Code: 54952
Subdivision Name: NA
Lot #: NA
Reason for Removal from Service: CASE CLOSURE
WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM
Facility ID (FID or PWS): 02-71-275015
License/Permit/Monitoring #: GW-1
Original Well Owner: MRC HOLDINGS - PRESTON TURNER
Present Well Owner: SAME AS ABOVE
Mailing Address of Present Owner: 1000 NORTH WEST ST. 5th FLOOR
City of Present Owner: WILMINGTON
State: DE
ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 08/06/2003
If a Well Construction Report is available, please attach.
Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____
Formation Type: ☒ Unconsolidated Formation ☐ Bedrock
Total Well Depth From Ground Surface (ft.): 15 feet
Casing Diameter (in.): 2-INCH
Lower Drillhole Diameter (in.): 6.5-INCH
Casing Depth (ft.): 5 ft.
Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown
If yes, to what depth (feet)? NA
Depth to Water (feet): 13 ft

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8-inch GRANULAR BENTONITE	Surface	15	2.5 gals	—
				—
				—

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRC
License #: —
Date of Filling & Sealing or Verification (mm/dd/yyyy): 10/04/2019
Street or Route: 708 HEARTLAND TRAIL
Telephone Number: (608) 826-3666
City: MADISON
State: WI
ZIP Code: 53717
Signature of Person Doing Work: [signature]
Date Signed: 11/26/2019

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: MRC: Former Menasha Tank Farm	Local Grid Location of Well: ☐ N. ☐ S. ft. ☐ E. ☐ W. ft.	Well Name: GW-01
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PL 154 / DNR Well Number:
Facility ID	St. Plane ft. N, ft. E. S/C/N	Date Well Installed: 08/06/2003
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22, T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm): Tony Kapugi, On-site Environmental
Distance from Waste/Source: 120 ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☒ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☒ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☒ 4 1
____ Other ☐

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or 3.0 ft.

G. Filter pack, top ____ ft. MSL or 4.0 ft.

H. Screen joint, top ____ ft. MSL or 5.0 ft.

I. Well bottom ____ ft. MSL or 15.0 ft.

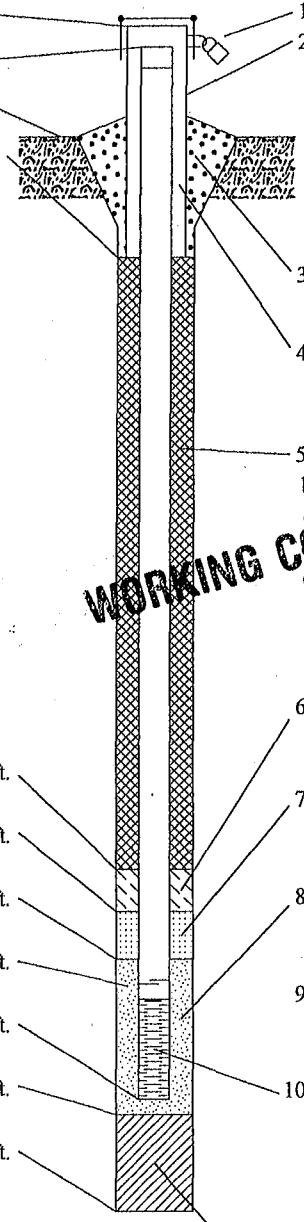
J. Filter pack, bottom ____ ft. MSL or 15.5 ft.

K. Borehole, bottom ____ ft. MSL or 17.0 ft.

L. Borehole, diameter 6.5 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4
____ Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____

3. Surface seal: Bentonite ☐ 3 0
Concrete ☒ 0 1
____ Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Sand Other ☒

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☒ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 3 2
c. 1.5 bags Wyoming Black Hills Chips Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 0.5 bags RW Sidley 4000
b. Volume added ____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 6.5 bags RW Sidley #5
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
____ Other ☐

10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
____ Other ☐
b. Manufacturer Boart Longyear
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☒ 1 4
____ Other ☐

WORKING COPY

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	RMT, Inc. 744 Heartland Trail Madison, WI 53717	Tel: 608.831.4444 Fax: 608.831.3334

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 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)

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

County: WINNEBAGO
WI Unique Well # of Removed Well: PL155
Hicap #: NA
Latitude / Longitude (see instructions): 44°11'47.55" N, 88°27'24.64" W
Format Code: ☐ DD ☒ DDM
Method Code: ☐ GPS008 ☒ SCR002 ☐ OTH001
¼ / ¼: SE ¼: NW
Section: 22
Township: 20 N
Range: 17 ☒ E ☐ W
or Gov't Lot #: —
Well Street Address: 160 WASHINGTON ST.
Well City, Village or Town: MENASHA
Well ZIP Code: 54952
Subdivision Name: NA
Lot #: NA
Reason for Removal from Service: CASE CLOSURE
WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM
Facility ID (FID or PWS): 02-71-275015
License/Permit/Monitoring #: GW-2
Original Well Owner: MRC HOLDINGS - PRESTON TURNER
Present Well Owner: SAME AS ABOVE
Mailing Address of Present Owner: 1000 NORTH WEST ST. 5TH FLOOR
City of Present Owner: WILMINGTON
State: DE
ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 08/06/2003
If a Well Construction Report is available, please attach.
Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____
Formation Type: ☒ Unconsolidated Formation ☐ Bedrock
Total Well Depth From Ground Surface (ft.): 15 ft.
Casing Diameter (in.): 2-INCH
Lower Drillhole Diameter (in.): 6.5
Casing Depth (ft.): 5 ft.
Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown
If yes, to what depth (feet)? NA
Depth to Water (feet): 9 ft

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	15	2.5 gal	—

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRC
License #: —
Date of Filling & Sealing or Verification (mm/dd/yyyy): 10/04/2019
Street or Route: 708 HEARTLAND TRAIL
Telephone Number: (608) 826-3666
City: MADISON
State: WI
ZIP Code: 53717
Signature of Person Doing Work: [signature]
Date Signed: 11/26/2019

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC: Former Menasha Tank Farm	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: GW-02
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ___° ___' ___" Long. ___° ___' ___" or	Wis. Unique Well No.: PL 155 / DNR Well Number
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 08/06/2003
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22, T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm) Tony Kapugi
Distance from Waste/Source: 50 ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☒ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: ____ / On-site Environmental

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☒ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):

____

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or 2.5 ft.

G. Filter pack, top ____ ft. MSL or 3.5 ft.

H. Screen joint, top ____ ft. MSL or 5.5 ft.

I. Well bottom ____ ft. MSL or 15.5 ft.

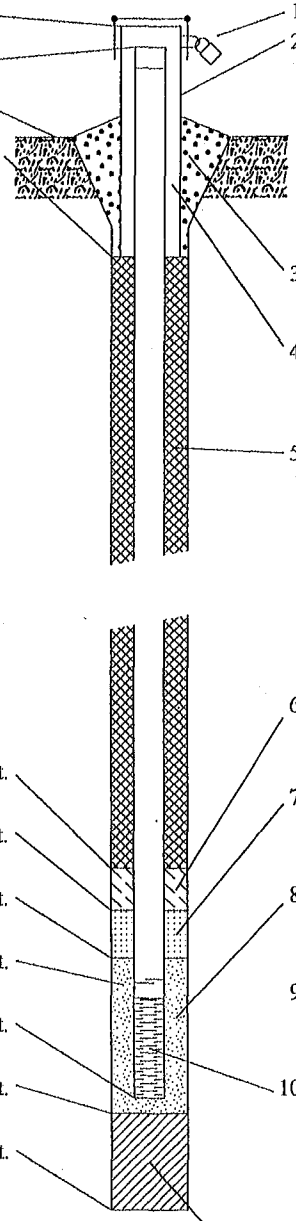
J. Filter pack, bottom ____ ft. MSL or 16.0 ft.

K. Borehole, bottom ____ ft. MSL or 19.5 ft.

L. Borehole, diameter 6.5 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04
____ Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____

3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
____ Other ☐

4. Material between well casing and protective pipe: Bentonite ☐ 30
Sand Other ☒

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 31
____% Bentonite . . . Bentonite-cement grout ☐ 50
____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. 1.5 bags Wyoming Black Hills Chips Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 0.5 bags RW Sidley 4000
b. Volume added ____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 6 bags RW Sidley #5
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
____ Other ☐

10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 11
Continuous slot ☐ 01
____ Other ☐
b. Manufacturer Boart Longyear
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☒ 14
____ Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	RMT, Inc. 744 Heartland Trail Madison, WI 53717	Tel: 608.831.4444 Fax: 608.831.3334

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 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)

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

County	WI Unique Well # of Removed Well	Hicap #
WINNEBAGO	PL156	NA

Latitude / Longitude (see instructions)	Format Code	Method Code
44° 11' 49.30" N 88° 27' 25.54" W	☐ DD ☒ DDM	☐ GPS008 ☒ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	NW	22	20 N	17 ☒ E ☐ W

or Gov't Lot # —

Well Street Address: 160 WASHINGTON ST.

Well City, Village or Town: MENASHA — Well ZIP Code: 54952

Subdivision Name: NA — Lot #: NA

Reason for Removal from Service: CASE CLOSURE — WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM

Facility ID (FID or PWS): 02-71-275015

License/Permit/Monitoring #: GW-3

Original Well Owner: MRC HOLDINGS - PRESTON TURNER

Present Well Owner: SAME AS ABOVE

Mailing Address of Present Owner: 1000 NORTH WEST ST. 5th FLOOR

City of Present Owner: WILMINGTON — State: DE — ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 08/06/2003

If a Well Construction Report is available, please attach.

Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.): 14.5 ft. — Casing Diameter (in.): 2-INCH

Lower Drillhole Diameter (in.): 6.5 in. — Casing Depth (ft.): 2.5 ft

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)? NA — Depth to Water (feet): 7 ft

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	14.5	2.24 gals	—

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	DNR Use Only: Date Received	Noted By
TRC	—	10/04/2019		

Street or Route	Telephone Number	Comments
708 HEARTLAND TRAIL	(608) 826-3666	

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
MADISON	WI	53717	[signature]	11/26/2019

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC: Former Menasha Tank Farm	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: GW-03
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PL 156 / DNR Well Number:
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 08/06/2003
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22, T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm): Tony Kapugi
Distance from Waste/Source: 0 ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☒ Downgradient n ☐ Not Known	Gov. Lot Number: ____ / On-site Environmental

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☒ 4 1
____ Other ☐

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):

____

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or 2.0 ft.

G. Filter pack, top ____ ft. MSL or 2.5 ft.

H. Screen joint, top ____ ft. MSL or 2.5 ft.

I. Well bottom ____ ft. MSL or 12.5 ft.

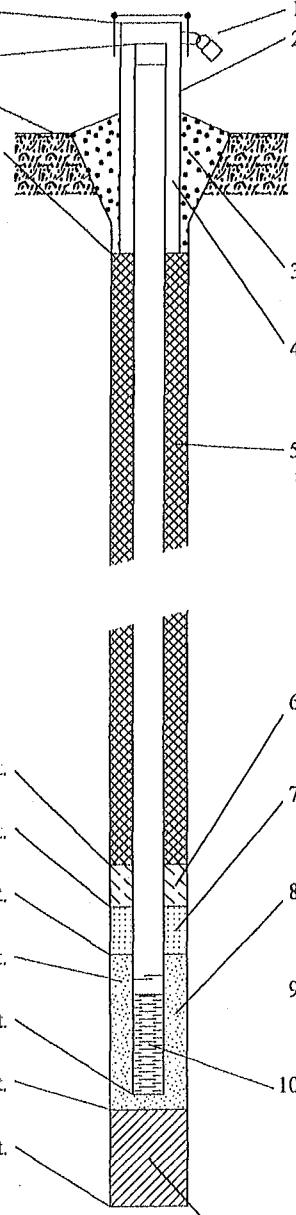
J. Filter pack, bottom ____ ft. MSL or 12.5 ft.

K. Borehole, bottom ____ ft. MSL or 14.5 ft.

L. Borehole, diameter 6.5 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4
____ Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____

3. Surface seal: Bentonite ☐ 3 0
Concrete ☒ 0 1
____ Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Sand Other ☒

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☒ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 3 2
c. 1 bag Wyoming Black Hills chips Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 2.5 bags RW Sidley 4000
b. Volume added ____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 6 bags RW Sidley #5
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
____ Other ☐

10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
____ Other ☐
b. Manufacturer Boart Longyear
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☒ 1 4
____ Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	RMT, Inc. 744 Heartland Trail Madison, WI 53717	Tel: 608.831.4444 Fax: 608.831.3334

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 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)

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

County: WINNEBAGO
WI Unique Well # of Removed Well: PL157
Hicap #: NA
Latitude / Longitude (see instructions): 44° 11' 49.64" N, 88° 27' 26.03" W
Format Code: ☐ DD ☒ DDM
Method Code: ☐ GPS008 ☒ SCR002 ☐ OTH001
¼ / ¼: SE ¼: NW
or Gov't Lot #: —
Section: 22
Township: 20 N
Range: 17 ☒ E ☐ W
Well Street Address: 160 WASHINGTON ST.
Well City, Village or Town: MENASHA
Well ZIP Code: 54952
Subdivision Name: NA
Lot #: NA
Reason for Removal from Service: CASE CLOSURE
WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM
Facility ID (FID or PWS): 02-71-275015
License/Permit/Monitoring #: GW-4
Original Well Owner: MRC HOLDINGS - PRESTON TURNER
Present Well Owner: SAME AS ABOVE
Mailing Address of Present Owner: 1000 NORTH WEST ST. 5th FLOOR
City of Present Owner: WILMINGTON
State: DE
ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 08/06/2003
If a Well Construction Report is available, please attach.
Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____
Formation Type: ☒ Unconsolidated Formation ☐ Bedrock
Total Well Depth From Ground Surface (ft.): 14 ft.
Casing Diameter (in.): 2-INCH
Lower Drillhole Diameter (in.): 6.5 in.
Casing Depth (ft.): 3.5 ft
Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown
If yes, to what depth (feet)? NA
Depth to Water (feet): 8 ft.

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	14	2.3 gal.	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRC
License #: —
Date of Filling & Sealing or Verification (mm/dd/yyyy): 10/04/2019
Street or Route: 708 HEARTLAND TRAIL
Telephone Number: (608) 826-3666
City: MADISON
State: WI
ZIP Code: 53717
Signature of Person Doing Work: [signature]
Date Signed: 11/26/2019

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC: Former Menasha Tank Farm	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: GW-04
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PL 157 / DNR Well Number:
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 08/06/2003
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22, T. 20 N, R. 17 ☒E ☐W	Well Installed By: (Person's Name and Firm): Tony Kapugi
Distance from Waste/Source: 15 ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☒ Downgradient n ☐ Not Known	Gov. Lot Number: ____ / On-site Environmental

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☒ 4 1
____ Other ☐

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or 2.5 ft.

G. Filter pack, top ____ ft. MSL or 3.0 ft.

H. Screen joint, top ____ ft. MSL or 3.5 ft.

I. Well bottom ____ ft. MSL or 13.5 ft.

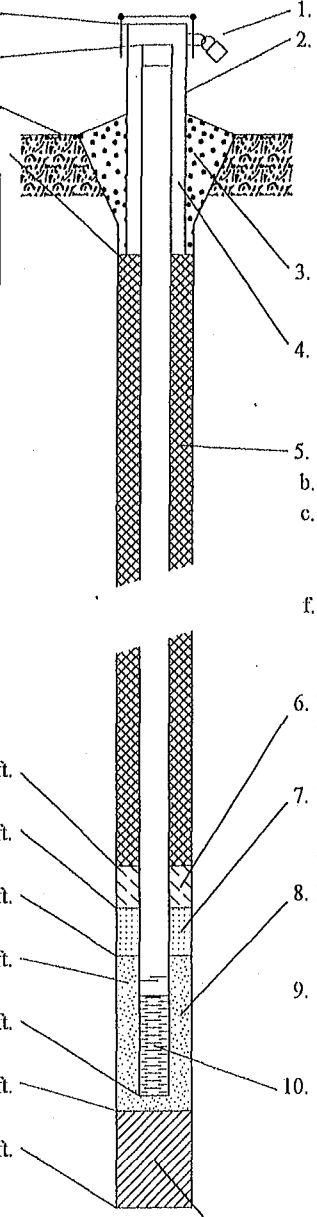
J. Filter pack, bottom ____ ft. MSL or 13.5 ft.

K. Borehole, bottom ____ ft. MSL or 14.0 ft.

L. Borehole, diameter 6.5 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4
____ Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 3 0
Concrete ☒ 0 1
____ Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 3 0
Sand Other ☒
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☒ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 3 2
c. 1 bag Wyoming Black Hills chips Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. 2.5 bags RW Sidley 4000
b. Volume added ____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 6 bags RW Sidley #5
b. Volume added ____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
____ Other ☐
10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
____ Other ☐
b. Manufacturer Boart Longyear
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☒ 1 4
____ Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm: RMT, Inc. 744 Heartland Trail Madison, WI 53717	Tel: 608.831.4444 Fax: 608.831.3334

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 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)

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

County: WINNEBAGO
WI Unique Well # of Removed Well: PL158
Hicap #: NA
Latitude / Longitude (see instructions): 44° 11' 49.55" N, 88° 27' 25.40" W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001
¼ / ¼: SE ¼: NW
or Gov't Lot #: —
Section: 22
Township: 20 N
Range: 17 ☒ E ☐ W
Well Street Address: 160 WASHINGTON ST.
Well City, Village or Town: MENASHA
Well ZIP Code: 54952
Subdivision Name: NA
Lot #: NA
Reason for Removal from Service: CASE CLOSURE
WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM
Facility ID (FID or PWS): 02-71-275015
License/Permit/Monitoring #: GW-5
Original Well Owner: MRC HOLDINGS - PRESTON TURNER
Present Well Owner: SAME AS ABOVE
Mailing Address of Present Owner: 1000 NORTH WEST ST. 5th FLOOR
City of Present Owner: WILMINGTON
State: DE
ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 08/06/2003
If a Well Construction Report is available, please attach.
Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____
Formation Type: ☒ Unconsolidated Formation ☐ Bedrock
Total Well Depth From Ground Surface (ft.): 14 ft.
Casing Diameter (in.): 2-INCH
Lower Drillhole Diameter (in.): 6.5 in.
Casing Depth (ft.): 3.5 ft
Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown
If yes, to what depth (feet)? NA
Depth to Water (feet): 7 ft.

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	14	2.3 gals	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	DNR Use Only: Date Received	Noted By
TRC	—	10/04/2019		

Street or Route: 708 HEARTLAND TRAIL
Telephone Number: (608) 826-3666
Comments:

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
MADISON	WI	53717	James Wakeland	11/26/2019

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC: Former Menasha Tank Farm	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: GW-05
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: PL 158 / DNR Well Number:
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 08/06/2003
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22 T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm): Tony Kapugi
Distance from Waste/Source: 15 ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☒ Downgradient n ☐ Not Known	Gov. Lot Number: ____ / On-site Environmental

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☒ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):

____

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or 2.5 ft.

G. Filter pack, top ____ ft. MSL or 3.0 ft.

H. Screen joint, top ____ ft. MSL or 3.5 ft.

I. Well bottom ____ ft. MSL or 13.5 ft.

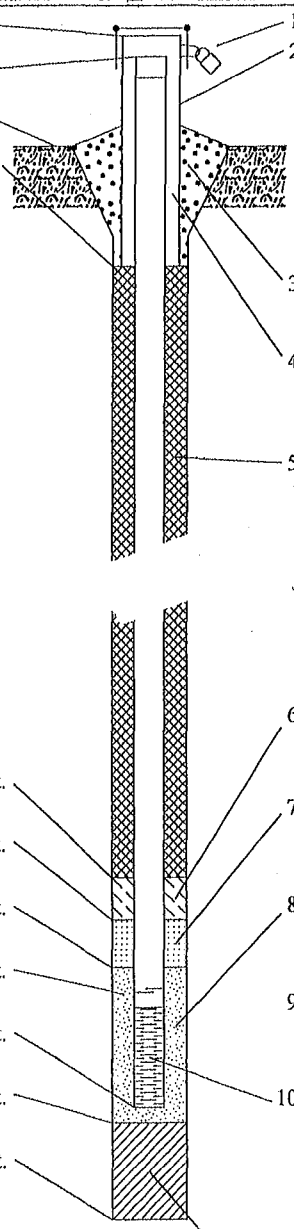
J. Filter pack, bottom ____ ft. MSL or 13.5 ft.

K. Borehole, bottom ____ ft. MSL or 14.0 ft.

L. Borehole, diameter 6.5 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04
____ Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
____ Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30
Sand Other ☒
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. 1 bag Wyoming Black Hills chips Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. 2.5 bags RW Sidley 4000
b. Volume added ____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. 6 bags RW Sidley #5
b. Volume added ____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
____ Other ☐
10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 11
Continuous slot ☐ 01
____ Other ☐
b. Manufacturer Boart Longyear
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☒ 14
____ Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm: RMT, Inc. 744 Heartland Trail Madison, WI 53717	Tel: 608.831.4444 Fax: 608.831.3334

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 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)

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

County	WI Unique Well # of Removed Well	Hicap #
WINNEBAGO	VM906	NA

Latitude / Longitude (see instructions)	Format Code	Method Code
44° 11' 49.54" N	☐ DD	☐ GPS008
88° 27' 26.48" W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	NW	22	20 N	17 ☒ E ☐ W

or Gov't Lot # —

Well Street Address: 160 WASHINGTON ST.

Well City, Village or Town: MENASHA — Well ZIP Code: 54952

Subdivision Name: NA — Lot #: NA

Reason for Removal from Service: CASE CLOSURE — WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM

Facility ID (FID or PWS): 02-71-275015

License/Permit/Monitoring #: GW-6

Original Well Owner: MRC HOLDINGS - PRESTON TURNER

Present Well Owner: SAME AS ABOVE

Mailing Address of Present Owner: 1000 NORTH WEST ST. 5th FLOOR

City of Present Owner: WILMINGTON — State: DE — ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 08/31/2010

If a Well Construction Report is available, please attach.

Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
15 ft	2-INCH
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
6.0 in.	5.0 ft

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
NA	9 ft

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	15	2.5 gal	—

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
TRC	—	10/04/2019

Street or Route	Telephone Number
708 HEARTLAND TRAIL	(608) 826-3666

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
MADISON	WI	53717	[signature]	11/26/2019

DNR Use Only

Date Received	Noted By

Comments

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC Former Tank Farm	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: GW-6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: VM906 / DNR Well Number:
Facility ID: 471033970	St. Plane 804,550 ft. N, 2,373,087 ft. E. S/C/N	Date Well Installed: 08/31/2010
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22, T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm) Randy Radke, Boart Longyear
Distance from Waste/Source ___ ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation 749.54 ft. MSL

B. Well casing, top elevation 749.01 ft. MSL

C. Land surface elevation 749.5 ft. MSL

D. Surface seal, bottom 748.5 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☒ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ☒ 5 6

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 748.5 ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or ____ ft.

G. Filter pack, top 745.5 ft. MSL or 4.0 ft.

H. Screen joint, top 744.5 ft. MSL or 5.0 ft.

I. Well bottom 734.5 ft. MSL or 15.0 ft.

J. Filter pack, bottom 734.5 ft. MSL or 15.0 ft.

K. Borehole, bottom 734.5 ft. MSL or 15.0 ft.

L. Borehole, diameter 6.0 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4 Other ☐ ___
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 3 0 Concrete ☒ 0 1 Other ☐ ___
4. Material between well casing and protective pipe: Bentonite ☐ 3 0 Sand Other ☒ ___
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ____ ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1 Tremie pumped ☐ 0 2 Gravity ☒ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1 1/2 in. Bentonite chips ☒ 3 2
c. ____ Other ☐ ___
7. Fine sand material: Manufacturer, product name & mesh size
a. ____
b. Volume added ____ ft³
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #40
b. Volume added 2 ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3 Flush threaded PVC schedule 80 ☐ 2 4 Other ☐ ___
10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 1 1 Continuous slot ☐ 0 1 Other ☐ ___
b. Manufacturer ____
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☒ 1 4 Other ☐ ___

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature ____ Firm: RMT, Inc., 744 Heartland Trail Madison, WI 53717 Tel: (608) 831-4444 Fax: (608) 831-3334

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 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.

4400-113A (REL. CONSTR 1998) 00292.GPJ 99 UNK 2003.GDI 2-4-11

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

Well / Drillhole / Borehole Filling & Sealing Report

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.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WINNEBAGO	VM907	NA

Latitude / Longitude (see instructions)	Format Code	Method Code
44°11'49.02" N	☐ DD	☐ GPS008
88°27'26.97" W	☒ DDM	☒ SCR002
		☐ OTH001

¼/¼	¼	Section	Township	Range
SE	NW	22	20 N	17 ☒ E ☐ W

or Gov't Lot # —

Well Street Address: 160 WASHINGTON ST.

Well City, Village or Town: MENASHA — Well ZIP Code: 54952

Subdivision Name: NA — Lot #: NA

Reason for Removal from Service: CASE CLOSURE — WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM

Facility ID (FID or PWS): 02-71-275015

License/Permit/Monitoring #: GW-7

Original Well Owner: MRC HOLDINGS - PRESTON TURNER

Present Well Owner: SAME AS ABOVE

Mailing Address of Present Owner: 1000 NORTH WEST ST. 5th FLOOR

City of Present Owner	State	ZIP Code
WILMINGTON	DE	19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 08/31/2010

If a Well Construction Report is available, please attach.

Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13 ~~12~~ ft.	2-INCH
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
6.0 in	5.0 ft

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
NA	7.5 ft

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	~~12~~ 13	2.0	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
TRC	—	10/04/2019

Street or Route	Telephone Number
708 HEARTLAND TRAIL	(608) 826-3666

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
MADISON	WI	53717	[signature]	11/26/2019

DNR Use Only

Date Received	Noted By

Comments

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC Former Tank Farm	Local Grid Location of Well: ☐ N. ft. ☐ S. ☐ E. ft. ☐ W.	Well Name: GW-7
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VM907 / DNR Well Number
Facility ID: 471033970	St. Plane 804,508 ft. N, 2,373,043 ft. E. S/C/N	Date Well Installed: 08/11/2010
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22, T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm) Randy Radke, Board Longyear
Distance from Waste/Source ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient, d ☐ Downgradient, s ☐ Sidegradient, n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 747.98 ft. MSL

B. Well casing, top elevation 747.40 ft. MSL

C. Land surface elevation 747.8 ft. MSL

D. Surface seal, bottom 746.8 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ☐ 4 1; Rotosonic; Other ☒

15. Drilling fluid used: Water ☐ 0 2, Air ☐ 0 1, Drilling Mud ☐ 0 3, None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No
Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 746.8 ft. MSL or 1.0 ft.

F. Fine sand, top ft. MSL or ft.

G. Filter pack, top 743.8 ft. MSL or 4.0 ft.

H. Screen joint, top 742.8 ft. MSL or 5.0 ft.

I. Well bottom 737.8 ft. MSL or 10.0 ft.

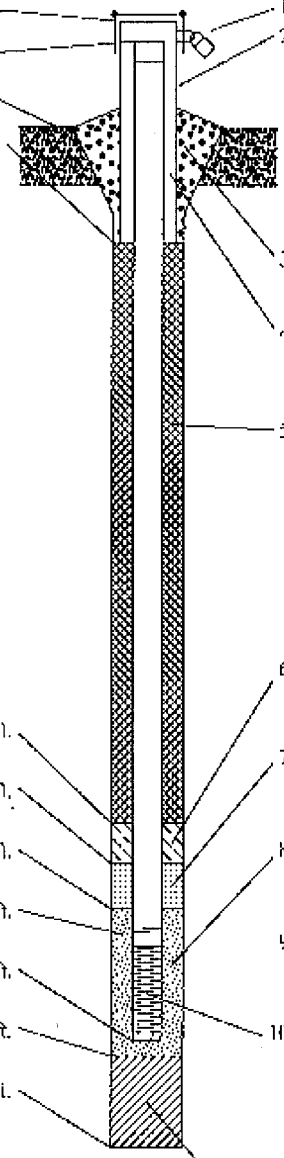
J. Filter pack, bottom 736.3 ft. MSL or 11.5 ft.

K. Borehole, bottom 734.8 ft. MSL or 13.0 ft.

L. Borehole, diameter 6.0 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4; Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe:

3. Surface seal: Bentonite ☐ 3 0; Concrete ☒ 0 1; Other ☐

4. Material between well casing and protective pipe: Bentonite ☐ 3 0; Sand; Other ☒

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ___ lbs/gal mud weight ... Bentonite-sand slurry ☐ 3 5
c. ___ lbs/gal mud weight ... Bentonite slurry ☐ 3 1
d. ___ % Bentonite ... Bentonite-cement grout ☐ 5 0
e. ___ ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1; Tremie pumped ☐ 0 2; Gravity ☒ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 3 2
c. Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a.
b. Volume added ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #10
b. Volume added 0.8 ft³

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; Other ☐

10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 1 1; Continuous slot ☐ 0 1; Other ☐
b. Manufacturer
c. Slot size: 0.010 in.
d. Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None ☐ 1 4; Bentonite chips; Other ☒

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	RMT, Inc. 744 Heartland Trail Madison, WI 53717	Tel: (608) 831-4444 Fax: (608) 831-3331

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 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.

9DNR WELL CONSTR SBE 32792.35 WI DNR 2002.GDT 3/4/11

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

Well / Drillhole / Borehole Filling & Sealing Report

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.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County: WINNEBAGO
WI Unique Well # of Removed Well: VM908
Hicap #: NA
Latitude / Longitude (see instructions): 44° 11' 48.21" N, 88° 27' 26.67" W
Format Code: ☐ DD ☒ DDM
Method Code: ☐ GPS008 ☒ SCR002 ☐ OTH001
¼ / ¼: SE / ¼: NW
or Gov't Lot #: —
Section: 22
Township: 20 N
Range: 17 ☒ E ☐ W
Well Street Address: 160 WASHINGTON ST.
Well City, Village or Town: MENASHA
Well ZIP Code: 54952
Subdivision Name: NA
Lot #: NA
Reason for Removal from Service: CASE CLOSURE
WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM
Facility ID (FID or PWS): 02-71-275015
License/Permit/Monitoring #: GW-8
Original Well Owner: MRC HOLDINGS - PRESTON TURNER
Present Well Owner: SAME AS ABOVE
Mailing Address of Present Owner: 1000 NORTH WEST ST. 5th FLOOR
City of Present Owner: WILMINGTON
State: DE
ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 08/31/2010
If a Well Construction Report is available, please attach.
Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____
Formation Type: ☒ Unconsolidated Formation ☐ Bedrock
Total Well Depth From Ground Surface (ft.): 12.0 ft
Casing Diameter (in.): 2-INCH
Lower Drillhole Diameter (in.): 6.0 in.
Casing Depth (ft.): 6.5 ft
Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown
If yes, to what depth (feet)? NA
Depth to Water (feet): 9.5 ft

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	12	2.0	—

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRC	License #: —	Date of Filling & Sealing or Verification (mm/dd/yyyy): 10/04/2019	**DNR Use Only** Date Received:	Noted By:
Street or Route: 708 HEARTLAND TRAIL		Telephone Number: (608) 826-3666	Comments:	
City: MADISON	State: WI	ZIP Code: 53717	Signature of Person Doing Work: [signature]	Date Signed: 11/26/2019

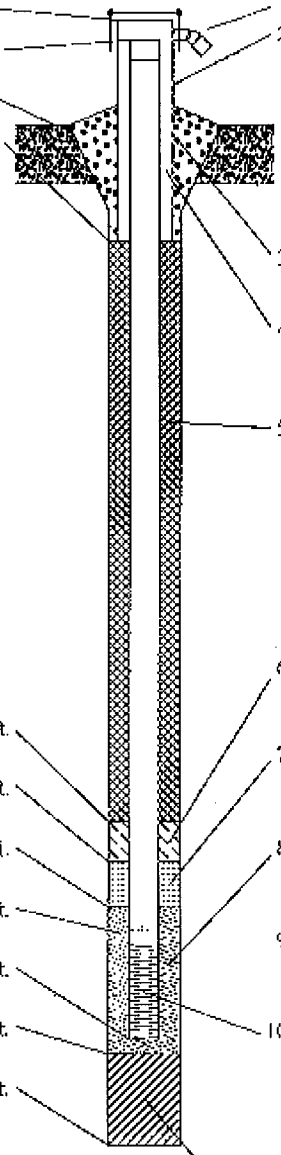
State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC Former Tank Farm	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: GW-8
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VM908 / DNR Well Number
Facility ID: 47103970	St. Plane 804,116 ft. N, 2,373,073 ft. E. S/C/N	Date Well Installed: 08/31/2010
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of N.W. 1/4 of Sec. 22, T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm) Randy Radke / Burrl Longyear
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Civ. Twn Number



A. Protective pipe, top elevation 750.30 ft. MSL

B. Well casing, top elevation 749.81 ft. MSL

C. Land surface elevation 750.1 ft. MSL

D. Surface seal, bottom 749.1 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☒ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☒ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ☒ __

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 749.1 ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or ____ ft.

G. Filter pack, top 745.1 ft. MSL or 5.0 ft.

H. Screen joint, top 743.6 ft. MSL or 6.5 ft.

I. Well bottom 738.6 ft. MSL or 11.5 ft.

J. Filter pack, bottom 738.1 ft. MSL or 12.0 ft.

K. Borehole, bottom 738.1 ft. MSL or 12.0 ft.

L. Borehole, diameter 6.0 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4
Other ☐ __
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 3 0
Concrete ☒ 0 1
Other ☐ __

4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Sand Other ☒ __

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ____ ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☒ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 3 2
c. Other ☐ __

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added ____ ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #40
b. Volume added 1.3 ft³

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
Other ☐ __

10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
Other ☐ __
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None ☒ 1 4
Other ☐ __

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm RMT, Inc. 744 Heartland Trail Madison, WI 53717 Tel: (608) 831-4444 Fax: (608) 831-3334

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 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.

W:\DNR WELL CONSTR 1998 3072.GF_WI DNR 2005 6.CT 2647

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

Well / Drillhole / Borehole Filling & Sealing Report

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.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
WINNEBAGO	VM909	NA

Latitude / Longitude (see instructions)	Format Code	Method Code
44°11'47.23" N	☐ DD	☐ GPS008
88°27'26.22" W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	NW	22	20 N	17 ☒ E ☐ W

or Gov't Lot # —

Well Street Address: 160 WASHINGTON ST.

Well City, Village or Town	Well ZIP Code
MENASHA	54952

Subdivision Name	Lot #
NA	NA

Reason for Removal from Service	WI Unique Well # of Replacement Well
CASE CLOSURE	NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN MENASHA TANK FARM

Facility ID (FID or PWS): 02-71-275015

License/Permit/Monitoring #: GW-9

Original Well Owner: MRC HOLDINGS - PRESTON TURNER

Present Well Owner: SAME AS ABOVE

Mailing Address of Present Owner: 1000 NORTH WEST ST. 5TH FLOOR

City of Present Owner	State	ZIP Code
WILMINGTON	DE	19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 08/31/2010

If a Well Construction Report is available, please attach.

Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13 ft	2-INCH

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
6 inches	8.0 ft

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
NA	12 ft.

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	13	2.1	—

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
TRC	—	10/04/2019

Street or Route	Telephone Number
708 HEARTLAND TRAIL	(608) 826-3666

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
MADISON	WI	53717	[signature]	11/26/2019

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: MRC Former Tank Farm	Local Grid Location of Well: ft. ☐ N. ☐ S. ft. ☐ E. ☐ W.	Well Name: GW-9
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VM909 / DNR Well Number
Facility ID: 471033970	St. Plane 804,316 ft. N. 2,373,106 ft. E. S/C/N	Date Well Installed: 08/31/2010
Type of Well: Well Code 11/mw	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22, T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm) Randy Radke / Boart Longyear
Distance from Waste/Source ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 752.32 ft. MSL

B. Well casing, top elevation 751.91 ft. MSL

C. Land surface elevation 752.2 ft. MSL

D. Surface seal, bottom 751.2 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☒ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☒ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary 1 1 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic Other ☒ 9 9

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 751.2 ft. MSL or 1.0 ft.

F. Fine sand, top ft. MSL or ft.

G. Filter pack, top 746.2 ft. MSL or 6.0 ft.

H. Screen joint, top 744.2 ft. MSL or 8.0 ft.

I. Well bottom 739.2 ft. MSL or 13.0 ft.

J. Filter pack, bottom 739.2 ft. MSL or 13.0 ft.

K. Borehole, bottom 737.2 ft. MSL or 15.0 ft.

L. Borehole, diameter 6.0 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4
Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe:

3. Surface seal: Bentonite ☐ 3 0
Concrete ☒ 0 1
Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Sand Other ☒

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. % Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☒ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1 1/2 in. Bentonite chips ☒ 3 2
c. Other ☐

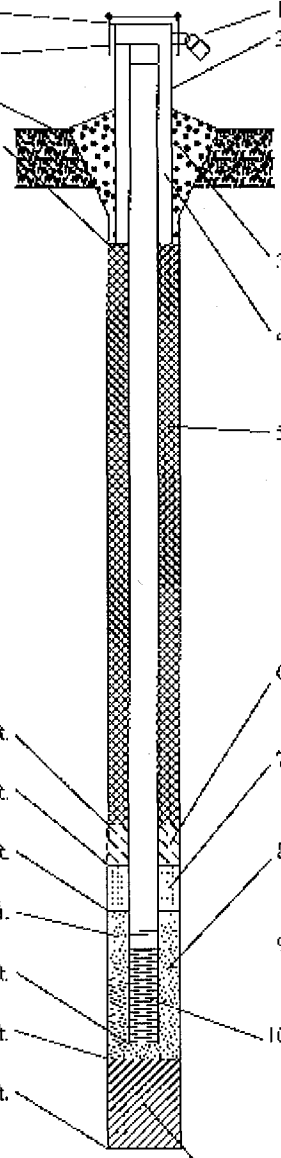
7. Fine sand material: Manufacturer, product name & mesh size
a.
b. Volume added ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #40
b. Volume added 1.3 ft³

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
Other ☐

10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
Other ☐
b. Manufacturer
c. Slot size: 0.010 in.
d. Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None ☒ 1 4
Other ☐



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

Firm: RMT, Inc.
744 Heartland Trail Madison, WI 53717
Tel: (608) 831-4444
Fax: (608) 831-3334

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 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.

WDNR WELL CONSTR 1998 00752.GF, W DNR 2003.GO1 2/5/

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

Well / Drillhole / Borehole Filling & Sealing Report

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.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County: WINNEBAGO
WI Unique Well # of Removed Well: VM912
Hicap #: — NA —
Latitude / Longitude (see instructions): 44°11' 48.95" N; 88°27' 25.45" W
Format Code: ☐ DD ☒ DDM
Method Code: ☐ GPS008 ☒ SCR002 ☐ OTH001
¼ / ¼: SE ¼: NW
or Gov't Lot #:
Section: 22
Township: 20 N
Range: ☒ E ☐ W: 17
Well Street Address: 160 WASHINGTON ST.
Well City, Village or Town: MENASHA
Well ZIP Code: 54952
Subdivision Name: —
Lot #: — NA
Reason for Removal from Service: CASE CLOSURE
WI Unique Well # of Replacement Well: NA

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN - MENASHA TANK FARM
Facility ID (FID or PWS): 02-71-275015
License/Permit/Monitoring #: BW-2
Original Well Owner: MRC HOLDINGS - PRESTON TURNER
Present Well Owner: SAME AS ABOVE
Mailing Address of Present Owner: 1000 NORTH WEST ST. 5th FLOOR
City of Present Owner: WILMINGTON
State: DE
ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 08/31/2010
If a Well Construction Report is available, please attach.
Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____
Formation Type: ☐ Unconsolidated Formation ☒ Bedrock
Total Well Depth From Ground Surface (ft.): 30 ft.
Casing Diameter (in.): 2 in
Lower Drillhole Diameter (in.): 6.0 inches
Casing Depth (ft.): 25 ft
Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown
If yes, to what depth (feet)? NA
Depth to Water (feet): 8.5 ft.

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☒	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☒ Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	30	5 gal	—

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRC
License #: —
Date of Filling & Sealing or Verification (mm/dd/yyyy): 10/04/2019
Street or Route: 708 HEARTLAND TRAIL
Telephone Number: (608) 826-3666
City: MADISON
State: WI
ZIP Code: 53717
Signature of Person Doing Work: [signature]
Date Signed: 11/26/2019

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC Former Tank Farm	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: BW-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: VM912 / DNR Well Number:
Facility ID: 471033970	St. Plane 804,488 ft. N, 2,373,157 ft. E, S/C/N	Date Well Installed: 09/01/2010
Type of Well: Well Code 12/pz	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22, T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm) Randy Radke, Hoard Longyear
Distance from Waste/Source ___ ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation 749.12 ft. MSL

B. Well casing, top elevation 748.74 ft. MSL

C. Land surface elevation 749.0 ft. MSL

D. Surface seal, bottom 748.0 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☒

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ☐ 4 1; Rotosonic; Other ☒

15. Drilling fluid used: Water ☒ 0 2; Air ☐ 0 1; Drilling Mud ☐ 0 3; None ☐ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required): City of Menasha

E. Bentonite seal, top 718.0 ft. MSL or 1.0 ft.

F. Fine sand, top 728.0 ft. MSL or 21.0 ft.

G. Filter pack, top 726.0 ft. MSL or 23.0 ft.

H. Screen joint, top 724.0 ft. MSL or 25.0 ft.

I. Well bottom 719.0 ft. MSL or 30.0 ft.

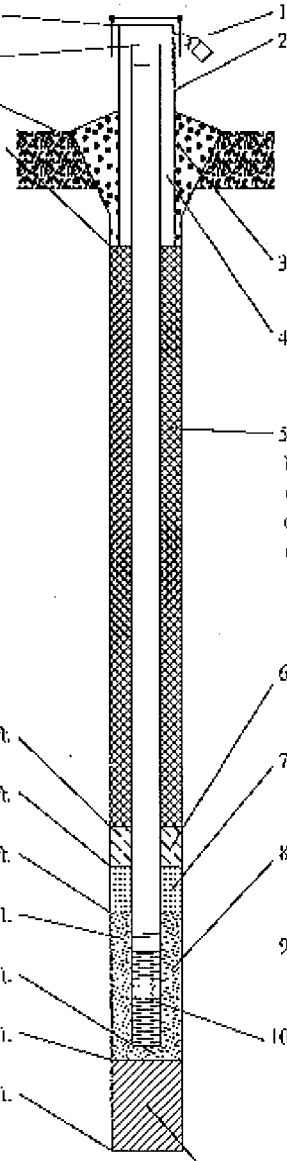
J. Filter pack, bottom 718.5 ft. MSL or 30.5 ft.

K. Borehole, bottom 718.5 ft. MSL or 30.5 ft.

L. Borehole, diameter 6.0 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 8.0 in
   b. Length: 1.0 ft.
   c. Material: Steel ☒ 0 4; Other ☐
   d. Additional protection? ☐ Yes ☒ No
   If yes, describe: _____
3. Surface seal: Bentonite ☐ 3 0; Concrete ☒ 0 1; Steel casing to 18 ft bgs; Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 3 0; Sand; Other ☒
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
   b. ___ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
   c. ___ Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
   d. ___ % Bentonite . . . Bentonite-cement grout ☐ 5 0
   e. ___ ft³ volume added for any of the above
   f. How installed: Tremie ☐ 0 1; Tremie pumped ☒ 0 2; Gravity ☐ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
   b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 3 2
   c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
   a. _____
   b. Volume added 0.75 ft³
8. Filter pack material: Manufacturer, product name & mesh size
   a. Red Flint #40
   b. Volume added 1.3 ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; Other ☐
10. Screen material: PVC Schedule 40
    a. Screen Type: Factory cut ☒ 1 1; Continuous slot ☐ 0 1; Other ☐
    b. Manufacturer _____
    c. Slot size: 0.010 in.
    d. Slotted length: 5.0 ft.
11. Backfill material (below filter pack): None ☒ 1 4; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: RMT, Inc., 744 Heartland Trail Madison, WI 53717 Tel: (608) 831-4444 Fax: (608) 831-3334

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 is not intended to be used for any other purposes. NOTE: See the instructions for more information, including where the completed forms should be sent.

WDNR RST - CONSTR 1998 5795 GPJ WI DNR 2005 GDT 3/4/11

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

Well / Drillhole / Borehole Filling & Sealing Report

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.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County: WINNEBAGO
WI Unique Well # of Removed Well: VM913
Hicap #: -NA-
Latitude / Longitude (see instructions): 44°11'49.65" N, 88°27'25.68" W
Format Code: ☐ DD ☒ DDM
Method Code: ☐ GPS008 ☒ SCR002 ☐ OTH001
¼ / ¼: SE ¼: NW
or Gov't Lot #: —
Section: 22
Township: 20 N
Range: ☒ E ☐ W
Well Street Address: 160 WASHINGTON ST
Well City, Village or Town: MENASHA
Well ZIP Code: 54952
Subdivision Name: -NA-
Lot #: NA
Reason for Removal from Service: CASE CLOSURE
WI Unique Well # of Replacement Well: -NA-

2. Facility / Owner Information

Facility Name: FORMER AMERICAN CAN - MENASHA TANK FARM
Facility ID (FID or PWS): 02-71-275015
License/Permit/Monitoring #: BW-3
Original Well Owner: MRC HOLDINGS - PRESTON TURNER
Present Well Owner: SAME AS ABOVE
Mailing Address of Present Owner: 1000 NORTH WEST ST
City of Present Owner: WILMINGTON, State: DE ZIP Code: 19801

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 09/01/2010
If a Well Construction Report is available, please attach.
Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____
Formation Type: ☐ Unconsolidated Formation ☒ Bedrock
Total Well Depth From Ground Surface (ft.): 30 ft
Casing Diameter (in.): 2 in
Lower Drillhole Diameter (in.): 6.0 in
Casing Depth (ft.): 25 ft
Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown
If yes, to what depth (feet)? -NA-
Depth to Water (feet): 8.5 ft

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
Liner(s) perforated?	☐	☐	☒
Screen removed?	☐	☒	☐
Casing left in place?	☒	☐	☐
Was casing cut off below surface?	☒	☐	☐
Did sealing material rise to surface?	☒	☐	☐
Did material settle after 24 hours?	☐	☐	☒
If yes, was hole retopped?	☐	☐	☒
If bentonite chips were used, were they hydrated with water from a known safe source?	☐	☐	☐

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials: ☐ Neat Cement Grout ☐ Concrete ☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: ☐ Bentonite Chips ☐ Bentonite - Cement Grout ☒ Granular Bentonite ☐ 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-inch GRANULAR BENTONITE	Surface	30	5 gals	—

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: TRC
License #: —
Date of Filling & Sealing or Verification (mm/dd/yyyy): 10/04/2019
Street or Route: 708 HEARTLAND TRAIL
Telephone Number: (608) 826-3666
City: MADISON State: WI ZIP Code: 53717
Signature of Person Doing Work: [signature]
Date Signed: 11/26/2019

DNR Use Only
Date Received:
Noted By:
Comments:

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: MRC Former Tank Farm	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: BW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ___ ' ___ " Long. ___ ' ___ " or St. Plane 804,554 ft. N. 2,373,142 ft. E. S/C/N	Wis. Unique Well No.: VM913 / DNR Well Number:
Facility ID: 471033970		Date Well Installed: 09/01/2010
Type of Well: Well Code 12/pz	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 22 T. 20 N, R. 17 ☒ E ☐ W	Well Installed By: (Person's Name and Firm) Randy Radke, Boart Longyear
Distance from Waste/Source: ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation 749.12 ft. MSL

B. Well casing, top elevation 748.91 ft. MSL

C. Land surface elevation 749.1 ft. MSL

D. Surface seal, bottom 748.1 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☒

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☐ 4 1
Rotosonic — Other ☒ __

15. Drilling fluid used: Water ☒ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☐ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe: _____

17. Source of water (attach analysis, if required):
City of Menasha

E. Bentonite seal, top 748.1 ft. MSL or 1.0 ft.

F. Fine sand, top 728.4 ft. MSL or 20.7 ft.

G. Filter pack, top 726.1 ft. MSL or 23.0 ft.

H. Screen joint, top 724.1 ft. MSL or 25.0 ft.

I. Well bottom 719.1 ft. MSL or 30.0 ft.

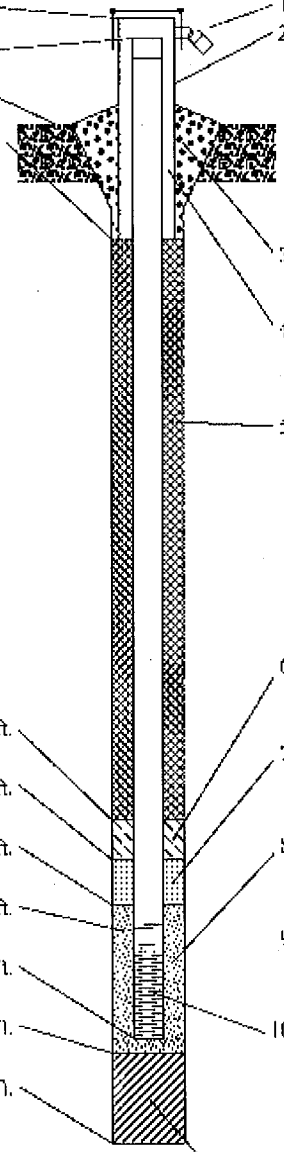
J. Filter pack, bottom 718.6 ft. MSL or 30.5 ft.

K. Borehole, bottom 718.6 ft. MSL or 30.5 ft.

L. Borehole, diameter 6.0 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4
Other ☐ __
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 3 0
Concrete ☒ 0 1
Steel casing to 18 ft bgs — Other ☐ __

4. Material between well casing and protective pipe: Bentonite ☐ 3 0
Sand — Other ☒ __

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ____ ft³ volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☒ 0 2
Gravity ☐ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 3 2
c. ____ Other ☐ __

7. Fine sand material: Manufacturer, product name & mesh size
a. ____
b. Volume added 0.3 ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #40
b. Volume added 0.5 ft³

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
Other ☐ __

10. Screen material: PVC Schedule 40
a. Screen Type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
Other ☐ __
b. Manufacturer ____
c. Slot size: 0.010 in.
d. Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None ☒ 1 4
Other ☐ __

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	
	RMT, Inc. 744 Heartland Trail Madison, WI 53717	Tel: (608) 831-4444 Fax: (608) 831-3334

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WDNR WELL CONSTR 1998 3798 GPJ W. DNR 2003 GST 2447