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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
La Crosse		

Lattitude / Longitude (Degrees and Minutes) ___ ___ ° ___ ___ . ___ ___ ___ 'N ___ ___ ° ___ ___ . ___ ___ ___ 'W

Method Code (see instructions)

¼ / ¼ NW	¼ NE	Section	Township	Range	
or Gov't Lot #		31	16 N	7	☐ E ☒ W

Well Street Address: 104 Causeway Blvd

Well City, Village or Town	Well ZIP Code
La Crosse	54603

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Closure	___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: Patros Steel Supply (Former)

Facility ID (FID or PWS): 332002110

License/Permit/Monitoring #: MW-4

Original Well Owner: Patros Steel Supply

Present Well Owner: City of La Crosse

Mailing Address of Present Owner: 400 La Crosse Street

City of Present Owner	State	ZIP Code
La Crosse	WI	54601

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/10/14

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.)
17.72 (from TOC)	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8.25	18

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

If yes, to what depth (feet)?	Depth to Water (feet)
	8.75 (from TOC)

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ 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
Bentonite Chips	Surface	17.72	1/2	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
CB&I Environmental		3/29/16

Street or Route	Telephone Number
11206 Thompson Ave	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Lenexa	KS	66219		

DNR Use Only

Date Received	Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
La Crosse		

Lattitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼ NW	¼ NE	Section	Township	Range	
or Gov't Lot #		31	16 N	7	☐ E ☒ W

Well Street Address: 104 Causeway Blvd

Well City, Village or Town	Well ZIP Code
La Crosse	54603

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Closure	

2. Facility / Owner Information

Facility Name: Patros Steel Supply (Former)

Facility ID (FID or PWS): 332002110

License/Permit/Monitoring #: MW-5

Original Well Owner: Patros Steel Supply

Present Well Owner: City of La Crosse

Mailing Address of Present Owner: 400 La Crosse Street

City of Present Owner	State	ZIP Code
La Crosse	WI	54601

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

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.)
14.90 (from TOC)	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8.25	15

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

If yes, to what depth (feet)?	Depth to Water (feet)
	5.70 (from TOC)

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ 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
Bentonite Chips	Surface	14.90	1/2	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
CB&I Environmental		3/29/16

Street or Route	Telephone Number
11206 Thompson Ave	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Lenexa	KS	66219		

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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: ☐ Drinking Water ☐ Waste Management ☐ Watershed/Wastewater ☐ Other: ☒ Remediation/Redevelopment

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
La Crosse		

Lattitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼ NW	¼ NE	Section	Township	Range	
or Gov't Lot #		31	16 N	7	☐ E ☒ W

Well Street Address: 104 Causeway Blvd

Well City, Village or Town	Well ZIP Code
La Crosse	54603

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Closure	

2. Facility / Owner Information

Facility Name: Patros Steel Supply (Former)

Facility ID (FID or PWS): 332002110

License/Permit/Monitoring #: MW-100

Original Well Owner: Patros Steel Supply

Present Well Owner: City of La Crosse

Mailing Address of Present Owner: 400 La Crosse Street

City of Present Owner	State	ZIP Code
La Crosse	WI	54601

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

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.)
15.47 (from TOC)	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8.25	15

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

If yes, to what depth (feet)?	Depth to Water (feet)
	8.28 (from TOC)

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ 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
Bentonite Chips	Surface	15.47	1/2	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
CB&I Environmental		3/29/16

Street or Route	Telephone Number
11206 Thompson Ave	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Lenexa	KS	66219		

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
La Crosse		

Latitude / Longitude (Degrees and Minutes) ___ ___ ° ___ ___ . ___ ___ ___ 'N ___ ___ ° ___ ___ . ___ ___ ___ 'W

Method Code (see instructions) ___ ___ ___ ___ ___ ___

¼ / ¼ NW	¼ NE	Section	Township	Range	
or Gov't Lot #		31	16 N	7	☐ E ☒ W

Well Street Address: 104 Causeway Blvd

Well City, Village or Town	Well ZIP Code
La Crosse	54603

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Closure	___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: Patros Steel Supply (Former)

Facility ID (FID or PWS): 332002110

License/Permit/Monitoring #: MW-101

Original Well Owner: Patros Steel Supply

Present Well Owner: City of La Crosse

Mailing Address of Present Owner: 400 La Crosse Street

City of Present Owner	State	ZIP Code
La Crosse	WI	54601

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/10/14

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.)
16.18 (from TOC)	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	16

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

If yes, to what depth (feet)?	Depth to Water (feet)
	8.48 (from TOC)

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

	Yes	No	N/A
Pump and piping removed?	☐	☐	☒
Liner(s) removed?	☐	☐	☒
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 ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☒ 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
Bentonite Chips	Surface	16.18	1/2	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
CB&I Environmental		3/29/16

Street or Route	Telephone Number
11206 Thompson Ave	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Lenexa	KS	66219		

DNR Use Only

Date Received	Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
La Crosse		

Lattitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼ NW	¼ NE	Section	Township	Range	
or Gov't Lot #		31	16 N	7	☐ E ☒ W

Well Street Address: 104 Causeway Blvd

Well City, Village or Town	Well ZIP Code
La Crosse	54603

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Closure	

2. Facility / Owner Information

Facility Name: Patros Steel Supply (Former)

Facility ID (FID or PWS): 332002110

License/Permit/Monitoring #: MW-103

Original Well Owner: Patros Steel Supply

Present Well Owner: City of La Crosse

Mailing Address of Present Owner: 400 La Crosse Street

City of Present Owner	State	ZIP Code
La Crosse	WI	54601

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

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.)
12.03(from TOC)	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	12

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

If yes, to what depth (feet)?	Depth to Water (feet)
	4.31 (from TOC)

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ 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
Bentonite Chips	Surface	12.03	1/2	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
CB&I Environmental		3/29/16

Street or Route	Telephone Number
11206 Thompson Ave	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Lenexa	KS	66219		

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
La Crosse		

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼ NW	¼ NE	Section	Township	Range	
or Gov't Lot #		31	16 N	7	☐ E ☒ W

Well Street Address: 104 Causeway Blvd

Well City, Village or Town	Well ZIP Code
La Crosse	54603

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Closure	

2. Facility / Owner Information

Facility Name: Patros Steel Supply (Former)

Facility ID (FID or PWS): 332002110

License/Permit/Monitoring #: PZ-100

Original Well Owner: Patros Steel Supply

Present Well Owner: City of La Crosse

Mailing Address of Present Owner: 400 La Crosse Street

City of Present Owner	State	ZIP Code
La Crosse	WI	54601

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 11/10/14

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.)
32.96 (from TOC)	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8.25	33

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

If yes, to what depth (feet)?	Depth to Water (feet)
	9.70 (from TOC)

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

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

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

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☒ 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
Bentonite Chips	Surface	32.96	1	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
CB&I Environmental		3/29/16

Street or Route	Telephone Number
11206 Thompson Ave	( )

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Lenexa	KS	66219		

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 Former Steel Supply Company LaCrosse, Wisconsin	Local Grid Location of Well ☐ N. _____ ft. ☐ S. ☐ E. _____ ft. ☐ W.	Well Name MW-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. _____
Facility ID _____	St. Plane _____ ft. N, _____ ft. E, S/C/N	DNR Well ID No. _____
Type of Well Well Code 11 / mw	Section Location of Waste/Source NW 1/4 of NE 1/4 of Sec. 31, T. 16 N, R. 7 ☐ E ▩ W	Date Well Installed 0 4 / 0 2 / 2 0 0 3 m m d d y y y y
Distance form 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 _____
		Well Installed By: Name (first, last) and Firm Courtney Kotlarz Braun Intertec Corporation

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 _ 0 . 5 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ▩
GP ☑ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
Bedrock ☐

13. Sieve analysis performed? ☐ 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 _ _ 0 . 5 ft

F. Fine sand, top _ _ _ _ . _ _ ft. MSL or _ _ 1 . 9 ft

G. Filter pack, top _ _ _ _ . _ _ ft. MSL or _ _ 2 . 6 ft

H. Screen joint, top _ _ _ _ . _ _ ft. MSL or _ _ 4 . 7 ft

I. Well bottom _ _ _ . _ _ ft. MSL or _ 1 4 . 7 0 ft

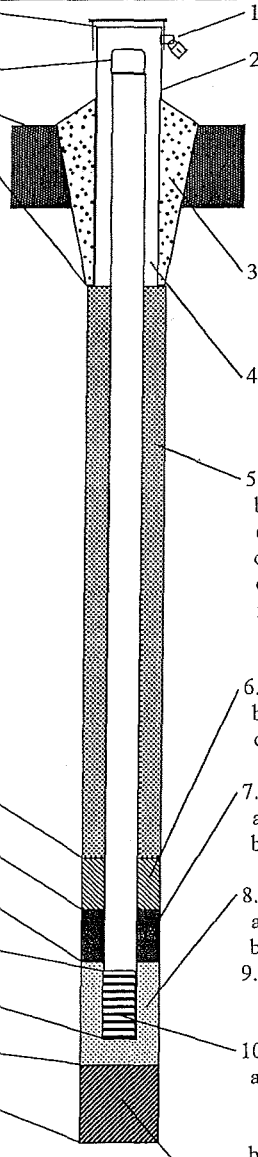
J. Filter pack, bottom _ _ _ _ . _ _ ft. MSL or _ 1 5 . 0 ft

K. Borehole, bottom _ _ _ _ . _ _ ft. MSL or _ 1 5 . 5 ft

L. Borehole, diameter _ 8 . 0 in.

M. O.D. well casing _ 2 . 3 8 in.

N. I.D. well casing _ 2 . 0 7 in.



1. Cap and Lock? ▩ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: _ 4 . 0 in.
b. Length: _ 6 . 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
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. 50 lbs 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. Red Flint # 45 - 55
b. Volume added 25 lbs ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint # 30
b. Volume added 275 lbs ft³

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

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut ▩ 1 1
Continuous slot ☐ 0 1
Other ☐ _____
b. Manufacturer Timco
c. Slot size: 0 . 0 1 0 in.
d. Slotted length: 1 0 . 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 Braun Intertec Corporation

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 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 **Former Steel Supply Company** **LaCrosse, Wisconsin**	Local Grid Location of Well _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.	Well Name **MW-101**
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or	Wis. Unique Well No. _ _ _ _ _ _ _
Facility ID _ _ _ _ _ _ _ _ _ _	St. Plane _____ ft. N, _____ ft. E, S/C/N	DNR Well ID No. _ _ _ _
Type of Well Well Code **11 / mw**	Section Location of Waste/Source **NW** 1/4 of **NE** 1/4 of Sec. **31**, T. **16** N, R. **7** ☐ E ■ W	Date Well Installed **0 7 / 1 9 / 2 0 0 4** m m d d y y y y
Distance form 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 _____
		Well Installed By: Name (first, last) and Firm **Courtney Kotlarz** **Braun Intertec Corporation**

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 _ **0.5** ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
GP ☑ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
Bedrock ☐

13. Sieve analysis performed? ☐ 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 _ _ **0.5** ft

F. Fine sand, top _ _ _ _._ _ ft. MSL or _ _ **4.0** ft

G. Filter pack, top _ _ _ _._ _ ft. MSL or _ _ **5.0** ft

H. Screen joint, top _ _ _ _._ _ ft. MSL or _ _ **7.0** ft

I. Well bottom _ _ _ _._ _ ft. MSL or _ **12.00** ft

J. Filter pack, bottom _ _ _ _._ _ ft. MSL or _ **12.2** ft

K. Borehole, bottom _ _ _ _._ _ ft. MSL or _ **12.7** ft

L. Borehole, diameter _ **8.0** 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 ■ 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 / 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. **50 lbs** ft³ 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. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. **Red Flint # 45 - 55**
b. Volume added **25 lbs** ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. **Red Flint # 30**
b. Volume added **250 lbs** ft³

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

10. Screen material: **Schedule 40 PVC**
a. Screen type: Factory cut ■ 11 / Continuous slot ☐ 01 / Other ☐ ____
b. Manufacturer **Timco**
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 **Braun Intertec Corporation**

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 Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

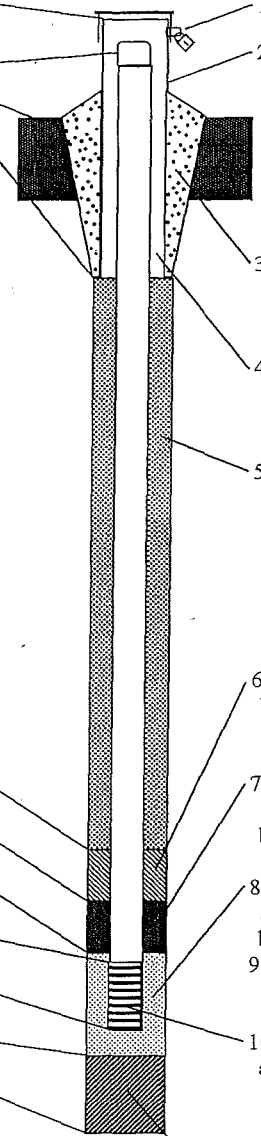
Facility/Project Name: Former Steel Supply Company, LaCrosse, Wisconsin	Local Grid Location of Well: ☐ N. ft. ☐ S. ☐ E. ft. ☐ W.	Well Name: PZ-100
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ft. N, ft. E, S/C/N	Date Well Installed: 07/19/2004 (mm dd yyyy)
Type of Well: Well Code 11 / mw	Section Location of Waste/Source: NW 1/4 of NE 1/4 of Sec. 31, T. 16 N, R. 7 ☐ E ■ W	Well Installed By: Name (first, last) and Firm: Courtney Kotlarz, Braun Intertec Corporation
Distance form 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 _ _ _ _ . _ _ ft. MSL

B. Well casing, top elevation _ _ _ . _ _ ft. MSL

C. Land surface elevation _ _ _ . _ _ ft. MSL

D. Surface seal, bottom _ _ _ _ . _ _ ft. MSL or _ 0 . 5 ft



12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
GP ☑ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
Bedrock ☐

13. Sieve analysis performed? ☐ 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 _ _ 0 . 5 ft

F. Fine sand, top _ _ _ _ . _ _ ft. MSL or _ _ 4 . 0 ft

G. Filter pack, top _ _ _ _ . _ _ ft. MSL or _ _ 5 . 0 ft

H. Screen joint, top _ _ _ _ . _ _ ft. MSL or _ _ 7 . 0 ft

I. Well bottom _ _ _ . _ _ ft. MSL or _ 2 7 . 3 4 ft

J. Filter pack, bottom _ _ _ . _ _ ft. MSL or _ 2 7 . 3 6 ft

K. Borehole, bottom _ _ _ . _ _ ft. MSL or _ 2 7 . 8 6 ft

L. Borehole, diameter _ 8 . 0 in.

M. O.D. well casing _ 2 . 3 8 in.

N. I.D. well casing _ 2 . 0 7 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; 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. 50 lbs ft³ 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. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint # 45 - 55
b. Volume added 25 lbs ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint # 30
b. Volume added 250 lbs ft³

9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐
b. Manufacturer Timco
c. Slot size: 0 . 0 1 0 in.
d. Slotted length: 1 0 . 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
[signature]	Braun Intertec Corporation

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