

Borski, Jennifer - DNR

From: CHaese@ci.neenah.wi.us
Sent: Thursday, April 2, 2020 10:44 AM
To: Borski, Jennifer - DNR
Subject: Fw: Donaldson's Dry Cleaners
Attachments: EW1 Abandonment and Construction Forms.pdf; IMG_1332.JPG

Follow Up Flag: Follow up
Flag Status: Completed

Jennifer:

The City of Neenah has completed the abandonment of the extraction well at the Donaldson's site with the assistance of Santec. Attached to this email are the necessary abandonment form and picture of the capped well. Do you need anything additional to close this out?

Thanks - Chris

[CHRIS A. HAESE](#)

Director of Community Development and
Assessment

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----- Forwarded by Chris A Haese/Neenah on 04/02/2020 10:41 AM -----

From: "Brand, Jeff" <Jeff.Brand@stantec.com>
To: "Chris A. Haese (chaese@ci.neenah.wi.us)" <chaese@ci.neenah.wi.us>
Cc: "Caine, Lynelle" <Lynelle.Caine@stantec.com>
Date: 04/02/2020 10:27 AM
Subject: Donaldson's Dry Cleaners

Chris,

I was able to complete the capping of the extraction well earlier this week. Attached is the well construction and abandonment form that will need to be submitted to the DNR. I am assuming that you will be submitting the status update letter to the DNR as outlined in Jennifer's March 9, 2020 letter. If you would like us to assist in this please let myself or Lynelle know and we can send you an estimate to complete. Thanks!

Jeff Brand

Engineer in Training

Direct: 920 278-3208
Mobile: 920 883-8501

Fax: 920 592-8444

Jeff.Brand@stantec.com

Stantec

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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

EW1

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 PI 0499	Hicap #
Latitude / Longitude (see instructions) 44° 10' 14.0" N 88° 27' 56.0" W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 1/4 NE NE or Gov't Lot #	Section 33	Township 20 N
Well Street Address 110 West Cecil Street	Well ZIP Code 54946	Range 17 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town Neenah	Subdivision Name	Lot #
Reason for Removal from Service Bldg / Treatment Syst. razed	WI Unique Well # of Replacement Well	

2. Facility / Owner Information

Facility Name Donaldson's One Hour Cleaners		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner Harvey Donaldson		
Present Well Owner Donaldsons One Hour Cleaners Inc.		
Mailing Address of Present Owner 1166 Westowne Drive		
City of Present Owner Neenah	State WI	ZIP Code 54956

3. Filled & Sealed Well / Drillhole / Borehole Information

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 10/18/2000
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input type="checkbox"/> Unconsolidated Formation <input checked="" type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) 16.5	Casing Diameter (in.) 6
Lower Drillhole Diameter (in.) 10	Casing Depth (ft.) 16
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet)

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

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	0.5	<u>0.10 ft³</u>	
Bentonite	0.5	16	<u>3.04 ft³</u>	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing Stantec Consulting Services Inc.	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 03/23/2020	DNR Use Only	
Street or Route 1165 Scheuring Road	Telephone Number (920) 592-8400	Comments	Date Received	Noted By
City De Pere	State WI	ZIP Code 54115	Signature of Person Doing Work <i>[Signature]</i>	Date Signed 03/23/2020

Facility/Project Name
Ronaldson's Dry Cleaners
Facility License, Permit or Monitoring Number

Local Grid Location of Well
N. 18 S. 18 W. 18 E. 18

Well Name
EW-1

Grid Origin Location
Lat. _____ Long. _____ or

Wis. Unique Well Number DNR Well Number
PE0499

Type of Well Water Table Observation Well 11
Piezometer 12

St. Plane _____ N. N. _____ N. E. _____

Date Well Installed
10/18/00
in m d d y y

Distance Well Is From Waste/Source Boundary
ft. _____

Section Location of Waste/Source
NE 1/4 of NE 1/4 of Sec. 33, T. 20 N, R. 18 W.

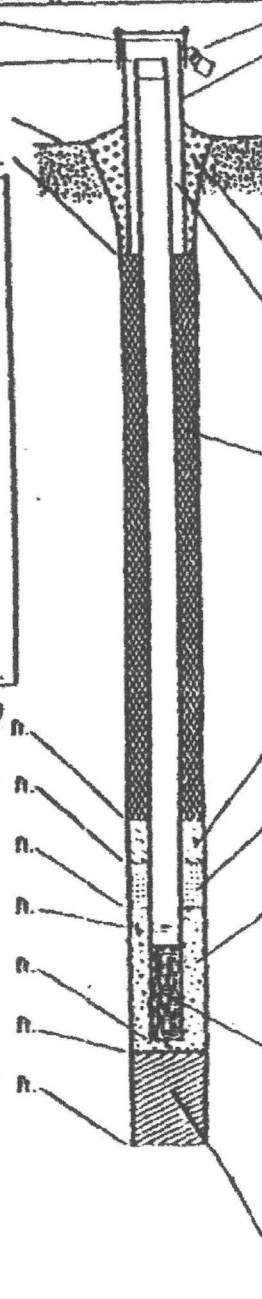
Well Installed By: (Person's Name and Firm)
Craig Plant

Is Well A Point of Enforcement Sid. Application?
 Yes No

Location of Well Relative to Waste/Source
a Upgradient b Sidegradient
d Downgradient n Not Known

E.O.S.

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 759.10 ft. MSL
C. Land surface elevation 759.4 ft. MSL
D. Surface seal, bottom 758.4 ft. MSL or 1.0 ft.



1. Cap and lock? Yes No
2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 1.0 ft.
c. Material: Steel 04
Other
d. Additional protection? Yes No
If yes, describe: _____

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 42
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): _____

3. Surface seal: Bentonite 30
Concrete 01
Other
4. Material between well casing and protective pipe: Bentonite 30
Annular space seal
Other

E. Bentonite seal, top 758.4 ft. MSL or 1.0 ft.
F. Fine sand, top 756.4 ft. MSL or 3.0 ft.
G. Filter pack, top 755.4 ft. MSL or 4.0 ft.
H. Screen joint, top 753.4 ft. MSL or 6.0 ft.
I. Well bottom 743.4 ft. MSL or 16.0 ft.
J. Filter pack, bottom 743.9 ft. MSL or 16.5 ft.
K. Borehole, bottom 743.9 ft. MSL or 16.5 ft.
L. Borehole, diameter 10.0 in.
M. O.D. well casing 6.37 in.
N. I.D. well casing 6.04 in.

5. Annular space seal: a. Granular 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. _____ 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 pellets 32
c. _____ Other
7. Fine sand material: Manufacturer, product name & mesh size
a. 40/100 Badger
b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. 20/40 Badger
b. Volume added _____ ft³
9. Well casing: 1 inch threaded PVC schedule 40 23
Thick threaded PVC schedule 80 24
Other
10. Screen material: **PVC**
a. Screen type: Factory cut 11
Continuous slot 01
Other
b. Manufacturer **Tim Co**
c. Slot size 0.010 in.
d. Slotted length 100 ft.
11. Backfill material (below filter pack): Gravel 14
Other

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

Signature: **Craig Plant** Firm: **E.O.S.**

Case complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the manufacturer's name should be entered.