

6871 South Lovers Lane Franklin, WI 53132 Telephone: (414) 427-1200 Fax: (414) 427-1259

www.endpointcorporation.com

Ms. Jane Pfeiffer Senior Hydrogeologist Wisconsin Department of Natural Resources Milwaukee Service Center 1027 W St. Paul Avenue Milwaukee, WI 53233

October 29, 2021

Subject: Well Abandonment Documentation

BRRTS #: 02-41-542923- Launderama

5130 South 108th Street, Hales Corners, Wisconsin

Dear Ms. Pfeiffer:

Endpoint Solutions Corp. (Endpoint) on behalf of Sidello Asset Management (Sidello) has prepared this letter to provide associated documentation to address your concerns regarding the proper abandonment of the monitoring wells previously installed at the site located at 5130 South 108th Street, Hales Corners, Wisconsin (the "Site" or "subject property").

BACKGROUND

Previously, you had contacted Sidello regarding the above-referenced closed Environmental Repair Program (ERP) case, which was closed by the Wisconsin Department of Natural Resources (DNR) with continuing obligations on May 6, 2009. As noted, on August 5, 2021, the DNR conducted an audit of the cap/barrier located at the Site, which is a continuing obligation for this site's case closure. During the DNR's inspection, a monitoring well cap was identified immediately to the east of the Site building; however, concerns were noted that previously, prior to case closure, the DNR was notified that all of the monitoring wells had been abandoned. Therefore, the request was made to confirm that the monitoring wells at the Site were in fact properly abandoned.

SITE INSPECTION

Subsequently, Sidello contacted Endpoint to perform an inspection of the Site and ensure that the wells were either previously properly abandoned or take proper steps to abandon the wells in accordance with Wis. Admin. Code ch. NR 141.

In September 2021, Endpoint completed a Site visit to inspect the areas of the monitoring wells. Based on field observations, it appeared that two (2) well covers were present at the Site in the area of the previously documented monitoring wells MW-1 and MW-4. No evidence of the former monitoring wells MW-2 and MW-3 was noted.



Upon locating the two (2) well covers, the covers were removed and interior area observed. Based on observations, it appeared the wells had been previously filled with bentonite and the bentonite had risen to the surface and completely filled the well flush mount.

Subsequent to the initial inspection which confirmed the wells had been previously abandoned, the well covers were removed, a portion of the bentonite filling the inner shroud of the flush mounts was removed and the resultant void was filled with concrete.

For your reference, the attached photo log provides initial and final observations of the MW-1 and MW-4 well areas.

CLOSING

Therefore, based on our initial inspection, it can be concluded the wells were properly abandoned as noted on the June 13, 2006 Well Abandonment Report forms completed by Key Engineering Group and subsequent to that, the well covers were removed and areas were completed with a concrete finish.

We trust this information is sufficient to address your concerns. Should you have any questions, please feel free to contact me directly at 414-858-1203 or kirk@endpointcorporation.com.

Sincerely,

Endpoint Solutions

Kirk L. Kapfhammer, P.G.
Principal Consult

cc: Kenneth R. Sidello, Sidello Asset Management

Attachments:

Original Well Abandonment Forms

Site Photos

WELL/DRILLHOLE/BOREHOLE ABANDONMENTForm 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or 141, Wis. Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION	(2) FACILITY NAME Former Launderama					
Well/Drillhole/Borehole County Location	Original Well Owner (If Known)					
Mw-I Millwaukee	Launderama					
NW SW	Present Well Owner					
$\frac{NW}{N}$ 1/4 of $\frac{SW}{M}$ 1/4 of Section $\frac{29}{N}$; T. $\frac{6}{N}$; R. $\frac{21}{M}$ $\frac{1}{M}$ W (If Applicable)	Street or Route					
Gov't Lot Grid Number	5130 South 108th Street					
Grid Location Grid Location	City, State, Zip Code					
ft. \(\simeg \) N. \(\simeg \) S., \(\simeg \)ft. \(\simeg \) E. \(\simeg \) W.	Hales Comers, WI 53130					
Civil Town Name	Facility Well No. and/or Name (If Applicable) WI Unique Well No.					
Street Address of Well	Reason For Abandonment					
5130 South 108th Street	Finished sampling					
City, Village	Date of Abandonment					
Hales Comers	12/30/08					
WELL/DRILLHOLE/BOREHOLE INFORMATION	12.0					
(3) Original Well/Drillhole/Borehole Construction Completed On	(4) Depth to Water (Feet) 13.0					
(Date) <u>6/13/2006</u>	Pump & Piping Removed? Yes No Not Applicable					
M	Liner(s) Removed? Yes No Not Applicable					
Monitoring Well Construction Report Available?	Screen Removed? Yes No Not Applicable					
Water Well Yes No	Casing Left in Place? Yes No					
☐ Drillhole	If No, Explain					
Borehole	Was Casing Cut Off Below Surface? ☐ Yes ☐ No					
Construction Type:	Did Sealing Material Rise to Surface?					
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug						
Under (Specify)						
Formation Times	(5) Required Method of Placing Sealing Material Conductor Pipe - Gravity Dump Bailer Conductor Pipe - Pumped Other (Explain) Screened & Poured					
Formation Type: Unconsolidated Formation Bedrock						
Total Well Depth (ft) 20.0 Casing Diameter (in.) 2.37	(6) Sealing Materials For monitoring wells and					
(From ground surface) Casing Depth (ft.)	Neat Cement Grout monitoring well boreholes only					
	Sand-Cement (Concrete) Grout					
Lower Drillhole Diameter (in.)	Concrete Bentonite Pellets					
	Clay-Sand Slurry Granular Bentonite					
Was Well Annular Space Grouted?	Bentonite-Sand Slurry Bentonite-Cement Grout					
If Yes, To What Depth? Feet	Chipped Bentonite					
(7) Seeling Material Vised	From (Ft.) To (Ft.) Mix Ratio or Mud Weight					
Sealing Material Used	From (Ft.) To (Ft.) Mix Ratio or Mud Weight					
2/0 D11- IV:11- D	Surface 20.0 1 1					
3/8" Black Hills Bentonite	Surface 20.0 1 1					
(8) Comments						
(9) Name of Person or Firm Doing Sealing Work	(10) EOD DAID OD COUNTRY LICE ONLY					
Key Engineering Group, Ltd.	(10) FOR DNR OR COUNTY USE ONLY					
Signature of Person Doing Work Date Signed	Date Received/Inspected District/County					
Signature of Ferson Doung work	Reviewer/Inspector Complying Work					
Street of Route Telephone Number	Reviewer/Inspector Complying Work Noncomplying Work					
	Follow-up Necessary					
735 North Water Street, Suite 1000 (414) 224-8300 City, State, Zip Code	Color up (1000a)					
Milwaukee, WI 53202						

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or 141, Wis. Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION	(2) FACILITY NAME Former Launderama					
Well/Drillhole/Borehole County	Original Well Owner (If Known)					
Location MW-2 Milwaukee	Launderama					
∑ E	Present Well Owner					
NW 1/4 of SW 1/4 of Section 29 ; T. 6 N; R. 21 W						
(If Applicable)	Street or Route					
	Succe of Route					
Grid Location Grid Number	Circ. Seesa Zin Coda					
	City, State, Zip Code					
ft. N. S.,ft. E. W.	,					
Civil Town Name	Facility Well No. and/or Name (If Applicable) WI Unique Well No.					
Street Address of Well	Reason For Abandonment					
5130 South 108th Street	Finished sampling					
City, Village	Date of Abandonment					
Hales Comers	12/30/08					
WELL DRILLHOLE/BOREHOLE INFORMATION						
	(4) Depth to Water (Feet) 8.0					
(3) Original Well/Drillhole/Borehole Construction Completed On	Pump & Piping Removed? Yes No Not Applicable					
(Date) <u>9/6/2006</u>						
M						
Monitoring Well Construction Report Available?	Screen Removed? Yes No Not Applicable					
☐ Water Well ☐ Yes ☐ No	Casing Left in Place? Yes No					
☐ Drillhole	If No, Explain					
Borehole	·					
	Was Casing Cut Off Below Surface? Yes No					
Construction Type:	Did Sealing Material Rise to Surface?					
☐ Driven (Sandpoint) ☐ Dug	Did Material Settle After 24 Hours? Yes No					
Other (Specify)	If Yes, Was Hole Retopped? Yes No					
Office (Specify)						
Formation Time:	(5) Required Method of Placing Sealing Material Conductor Pipe - Gravity Dump Bailer Other (Explain) Screened & Poured (6) Sealing Materials For monitoring wells and monitoring well boreholes only					
Formation Type:						
☐ Unconsolidated Formation ☐ Bedrock						
Total Well Depth (ft) 16.0 Casing Diameter (in.) 2.37						
(From ground surface) Casing Depth (ft.)						
(g	Sand-Cement (Concrete) Grout					
Lower Drillhole Diameter (in.)	Concrete Bentonite Pellets					
Lower Drinnoic Diameter (iii.)						
W W W I S C . 12	Clay-Sand Slurry Granular Bentonite					
Was Well Annular Space Grouted?	Bentonite-Sand Slurry Bentonite-Cement Grout					
If Yes, To What Depth? Feet	☐ Chipped Bentonite					
(7)						
Sealing Material Used	From (Ft.) To (Ft.) Mix Ratio or Mud Weight					
3/8" Black Hills Bentonite	Surface 16.0 1 1					
	+ + + + + + + + + + + + + + + + + + + +					
	No.					
(8) Comments						
(8) Comments						
(9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY					
Key Engineering Group, Ltd.	Date Received/Inspected District/County					
Signature of Person Doing Work Date Signed						
Signature of Telson Doing Work	Reviewer/Inspector Complying Work					
	Noncomplying Work					
735 North Water Street, Suite 1000 (414) 224-8300	Follow-up Necessary					
City, State, Zip Code						
Milwaukee, WI 53202						

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 4-97

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or 141, Wis. Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION	(2) FACILITY NAME Former Launderama					
Weil/Drillhole/Borehole County	Original Well Owner (If Known)					
Location MW-3 Milwaukee	Launderama					
NW 1/4 of SW 1/4 of Section 29 ; T. 6 N; R. 21 □ W	Present Well Owner					
(If Applicable)	Street or Route					
Gov't Lot Grid Number						
Grid Location	City, State, Zip Code					
ft. N. S., ft. E. W.	*					
Civil Town Name	Facility Well No. and/or Name (If Applicable) WI Unique Well No.					
Street Address of Well	Reason For Abandonment					
5130 South 108th Street	Finished sampling					
City, Village	Date of Abandonment					
Hales Corners	12/30/08					
WELL/DRILLHOLE/BOREHOLE INFORMATION						
(3) Original Well/Drillhole/Borehole Construction Completed On	(4) Depth to Water (Feet) 8.0					
(Date) 9/6/2006	Pump & Piping Removed?					
(Bute)	Liner(s) Removed?					
Monitoring Well Construction Report Available?	Screen Removed?					
☐ Water Well ☐ Yes ☐ No	Casing Left in Place? Yes No					
Drillhole	If No, Explain					
Borehole	,					
Botenote	Was Casing Cut Off Below Surface? Did Sealing Material Rise to Surface? Did Material Settle After 24 Hours? Yes No Yes No					
Construction Times						
Construction Type:						
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug						
Under (Specify)	If Yes, Was Hole Retopped?					
	(5) Required Method of Placing Sealing Material					
Formation Type:	Conductor Pipe - Gravity Conductor Pipe - Pumped					
☐ Unconsolidated Formation ☐ Bedrock	Dump Bailer Other (Explain) Screened & Poured					
Total Well Depth (ft) 16.0 Casing Diameter (in.) 2.37	(6) Sealing Materials For monitoring wells and					
(From ground surface) Casing Depth (ft.)						
(From ground surface) Casing Depart (it.)						
T	Sand-Cement (Concrete) Grout					
Lower Drillhole Diameter (in.)	Concrete Bentonite Pellets					
	Clay-Sand Slurry Granular Bentonite					
Was Well Annular Space Grouted? Yes No Unknown	Bentonite-Sand Slurry Bentonite-Cement Grout					
If Yes, To What Depth? Feet	Chipped Bentonite					
(7) Sealing Material Used	From (Ft.) To (Ft.) Mix Ratio or Mud Weight					
Scaling Material Osca	Trom (LL) 10 (LL)					
3/8" Black Hills Bentonite	Surface 16.0 1 1					
-						
(8) Comments						
(0) N	CON TOTAL CONTRACTOR C					
(9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY					
Key Engineering Group, Ltd.	Date Received/Inspected District/County					
Signature of Person Doing Work Date Signed						
11/21/08	Reviewer/Inspector Complying Work					
Street or Route Telephone Number	Noncomplying Work					
735 North Water Street, Suite 1000 (414) 224-8300	Follow-up Necessary					
City, State, Zip Code						
Milwaukee, WI 53202						

State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 10/03)

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.

Drinking Water Watershed/Wast	ewater	Management	Remedia	tion/Redev	velopment [Other:		
1. General Information			2. Facility	Owner I	nformation	1000		
WI Unique Well No. DNR Well ID No	County		Facility Name					
	HILWAUKEE		LAUNDE	RAMA				
Common Well Name	Gov't Lot # (if appli	cable)	Facility ID	L	.icense/Permi	t/Monitoring NoCity	y, Village or Town	
MW-4								
$\frac{1}{1}$ $\frac{1}$	Township Ran	141 -	Street Address of Well 5130 S. 108 th St					
Grid Location	1		Present Well	Owner		Original Well Ow	ner	
Feet NFeet E W	Local Grid Origin (estimated) OR	Well Location	Street Addres	s or Rout	e of Owner			
Latitude: DEG MIN SEC	Longitude: DEG MI	N SEC	<u></u>			lC4-4-	ZID Code	
l l N	1	l w	City HALES	CORNÉ	25	1, 11	ZIP Code 53 130	
Reason For Abandonment WI L	Inique Well No. of Re	eplacement We	4. Pump, Li	ner, Scre	en, Casing	& Sealing Mater	rial	
3. Well / Drillhole / Borehole Informa			Pump and				Yes No No N/A	
	Construction Date		Liner(s) ren				Yes No No N/A	
Monitoring Well	Constituction Date		Screen rem			. 🗖	Yes No No NA	
Water Well			Casing left	in place?		図	Yes No No N/A	
Borehole / Drillhole	Construction Report is av tach.	raliable,			law audaaa?			
Construction Type:	- •. •. •. •. •. • • • • • • • • • • • •							
Drilled Driven (Sandpoin	ıt) Dug		1					
			Did material settle after 24 hours? If yes, was hole retopped? Yes ☑ No ☑ N/A Yes ☑ No ☑ N/A					
Other (specify):			If bentonite chips were used were they					
Formation Type:			hydrated w	ith water f	rom a known	safe source? 🔀	Yes No N/A	
Unconsolidated Formation Bedrock			Required Method of Placing Sealing Material Conductor Pipe-Gravity Conductor Pipe-Pumped					
Total Well Depth From Groundsurface (ft.)	Casing Diameter (i	in.)	Screened & Poured (Bentonite Chips) Other (Explain):					
Lower Drillhole Diameter (in.)	Casing Depth (ft.)	<u>-</u>	Sealing Materials Neat Cement Grout Clay-Sand Slurry (11 lb./gal.					
	_ 1		Sand-Ce	ement (Cor	ncrete) Grout	<u> </u>	Sand Slurry " "	
Was well annular space grouted? Yes No Unknown			Concrete Bentonite Chips					
· · · · · · · · · · · · · · · · · · ·	·	···				Well Boreholes Or		
If yes, to what depth (feet)?	oth to Water (feet)				닏	Bentonite - Cemer		
	10,29		Granular I	Bentonite		Bentonite - Sand S	Slurry	
5. Material Used To Fill Well / Drillhole			From (ft.)	To (ft.)		Sacks Sealant ne (circle one)	Mix Ratio or Mud Weight	
3/8" Black Hills	Bentonite		Surface	20	!			
					-			
6. Comments				. Pari pere .				
		<u> </u>						
7. Supervision of Work						DNR Use Only	, 0,5 /3 Mai 4 () 20	
Name of Person or Firm Doing Sealing Wo	rk	Date of Abar		Date	Received	Noted By		
KEY ENGINEERING		12/3	30/08					
Street or Route	· · · · · · · ·	Telephone N		mber Commer				
735 N WATER ST			24-4300					
City MILWAUKEE	State ZIP Co.		Signature of R	erson Doi	Doing Work Date Signed,			



1. View of MW-1 with bentonite.

2. View of MW-1 with bentonite.





3. View of MW-1 with concrete.

SITE PHOTOGRAPHS

5130 SOUTH 108TH STREET HALES CORNERS, WISCONSIN

PROJECT NO:

565-001





4. View of MW-4 with bentonite.

5. View of MW-4 with bentonite.





6. View of MW-4 with concrete.

SITE PHOTOGRAPHS

5130 SOUTH 108TH STREET
HALES CORNERS, WISCONSIN

PROJECT NO: 565-001

