



Alliant Energy  
4902 North Biltmore Lane  
P.O. Box 77007  
Madison, WI 53707-1007

1-800-ALLIANT (800-255-4268)  
alliantenergy.com

March 10, 2026

Brian Rath  
Land Quality Bureau  
Iowa Department of Natural Resources  
6200 Park Ave, Suite 200  
Des Moines, IA 50321

Subject: Monitoring Well Construction Documentation – Lansing Ash Disposal Landfill  
Lansing Generating Station, Lansing, Iowa  
Permit #03-SDP-05-01C

Mr. Rath:

On behalf of Interstate Power and Light Company (IPL), Alliant Energy is submitting the enclosed monitoring well construction documentation for wells associated with the closed Lansing Ash Disposal Landfill. The Iowa Department of Natural Resources approved the work in an email dated September 5, 2025, and the work was completed in the fall of 2025.

If you have any questions or concerns regarding this documentation or the monitoring well work that was conducted, please contact me via email ([jennycoughlin@alliantenergy.com](mailto:jennycoughlin@alliantenergy.com)) or by phone (515-558-9704).

Sincerely,

A handwritten signature in black ink, appearing to read "Jenny Coughlin", written over a light blue rectangular background.

Jenny Coughlin  
Senior Environmental Specialist  
Alliant Energy Corporate Services, Inc.

Enclosure

CC: Matt Bizjack and Jeff Maxted, Alliant Energy  
Meghan Blodgett and Tom Karwoski, SCS Engineering

March 9, 2026  
File No. 25225228.00

Ms. Amanda Blank  
Lansing Generating Station  
2320 Power Plant Drive  
Lansing, IA 52515

Subject: Lansing Generating Station – Monitoring Well Construction Documentation  
Lansing Power Station CCR Landfill  
2320 Power Plant Drive, Lansing, Allamakee County, Iowa  
Permit 03-SDP-05-01C

Dear Ms. Blank:

SCS Engineers (SCS) has completed the following abandonment, replacement, and installation of groundwater monitoring well at the Lansing Generating Station in Lansing, Iowa (**Figure 1**):

- Abandonment of state monitoring program wells MW-13 and MW-15, and installation of replacement wells MW-13R and MW-15R
- Abandonment of Federal CCR Rule monitoring program well MW-303, and installation of replacement well MW-303R
- Installation of three supplemental water level observation wells and repair of supplemental water level observation well PZ-2

The planned well abandonment, replacement, and installation activities were described in a letter submitted to the Iowa Department of Natural Resources (IDNR) on August 18, 2025. IDNR concurred with the planned activities in an email dated September 5, 2025.

A site plan including the new well locations is shown on **Figure 2**.

## **MW-13 AND MW-15 REPLACEMENTS**

### Well Abandonment and Installation

Monitoring well MW-13 and MW-15 were abandoned by overdrilling on September 16 and 17, 2025, and replacement wells MW-13R and MW-15R were installed on September 19, 2025. Each replacement well was installed within 10 feet horizontally of the associated abandoned well. Drilling and well installation was performed by Cascade Drilling (Cascade) of Schofield, Wisconsin. SCS staff were on site during drilling and well installation activities and prepared the associated documentation.

Abandonment documentation for MW-13 and MW-15 is included in **Attachment A**. Boring logs for MW-15R and MW-13R are included in **Attachment B**, and well construction forms are included in **Appendix C**, and photographs of the wells are included in **Attachment D**.



Cascade staff performed well development following construction of the wells. Mohn Surveying of Lansing, Iowa, surveyed the wells on September 29, 2025.

SCS performed hydraulic conductivity tests at MW-13R and MW-15R on October 21, 2025. Hydraulic conductivity test results are included in **Attachment E** and are summarized below.

Well	Calculated Hydraulic Conductivity (cm/sec)
MW-13R	$4.0 \times 10^{-5}$
MW-15R	$2.1 \times 10^{-2}$

## Future Sampling

The August 18, 2025, letter included a request to amend Special Provision X.7.a. of Permit 03-SDP-05-01C to replace monitoring wells MW-13 and MW-15 with MW-13R and MW-15R. Monitoring wells MW-13R and MW-15R will be sampled for the first time prior to the April 2026 annual groundwater monitoring event, and they will also be sampled during the April 2026 event. Results of these two sampling events will be reported in the 2026 Annual Water Quality Report (AWQR) for the site.

In the August 18, 2025, submittal, IPL requested IDNR concurrence that quarterly baseline sampling would not be required at MW-13R and MW-15R due to their proximity, both horizontally and vertically, to wells MW-13 and MW-15. IDNR tentatively concurred with this request in an email dated September 5, 2025, but reserved the right to require baseline sampling if water quality at the replacement wells does not appear similar to that at MW-13 and MW-15.

## ADDITIONAL WELL ABANDONMENT, INSTALLATION, AND REPAIR

In addition to abandonment and replacement of permit-required monitoring points MW-13 and MW-15, the August 18, 2025, letter submitted to IDNR described abandonment, installation, and repair work related to additional wells not sampled under the permit.

### Additional Water-Level-Only Wells

As described in the August 18, 2025, letter, three new water level observation wells were installed near the southeastern half of the closed Upper Ash Pond. The three new wells are identified on **Figure 2** as MW-310, MW-311, and MW-312. Well construction documentation for these three wells is included in **Attachment F**. In addition, existing water-level-only well PZ-2 was rehabilitated by removing an obstruction within the PVC well casing. PZ-2 was originally installed as part of construction work at the Upper Ash Pond but has been retained for groundwater elevation measurements only.

Sampling of these water-level-only wells is not anticipated, however groundwater elevation data from these wells will be used in the development of water table maps submitted to IDNR in future AWQRs for this site.

### MW-303/MW-303R

As described in the August 18, 2025, letter submitted to IDNR, monitoring well MW-303 was abandoned and replaced with deeper monitoring well MW-303R. Monitoring at MW-303 was not sampled under Permit 03-SDP-05-01, and MW-303R is not intended to be added to the permit-

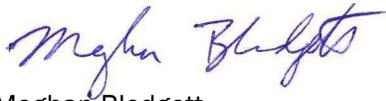
Ms. Amanda Blank  
March 9, 2026  
Page 3

required monitoring program. This well is part of the site monitoring program supporting compliance with 40 CFR 257.50-107 (the Federal CCR Rule).

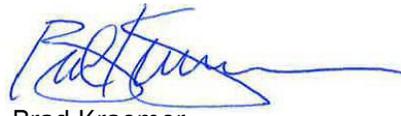
MW-303 could not be overdrilled safely due to its location at the top of a steep slope, therefore it was abandoned in place as described in the August 18, 2025, letter. Abandonment documentation for MW-303 and the well construction form for MW-303R are included in **Attachment F**.

Please contact us at 608-224-2830 if you have any questions about the well documentation.

Sincerely,



Meghan Blodgett  
Senior Hydrogeologist  
SCS Engineers



Brad Kraemer  
Project Manager/Senior Hydrogeologist  
SCS Engineers

MDB/TR\_lmh/BRK

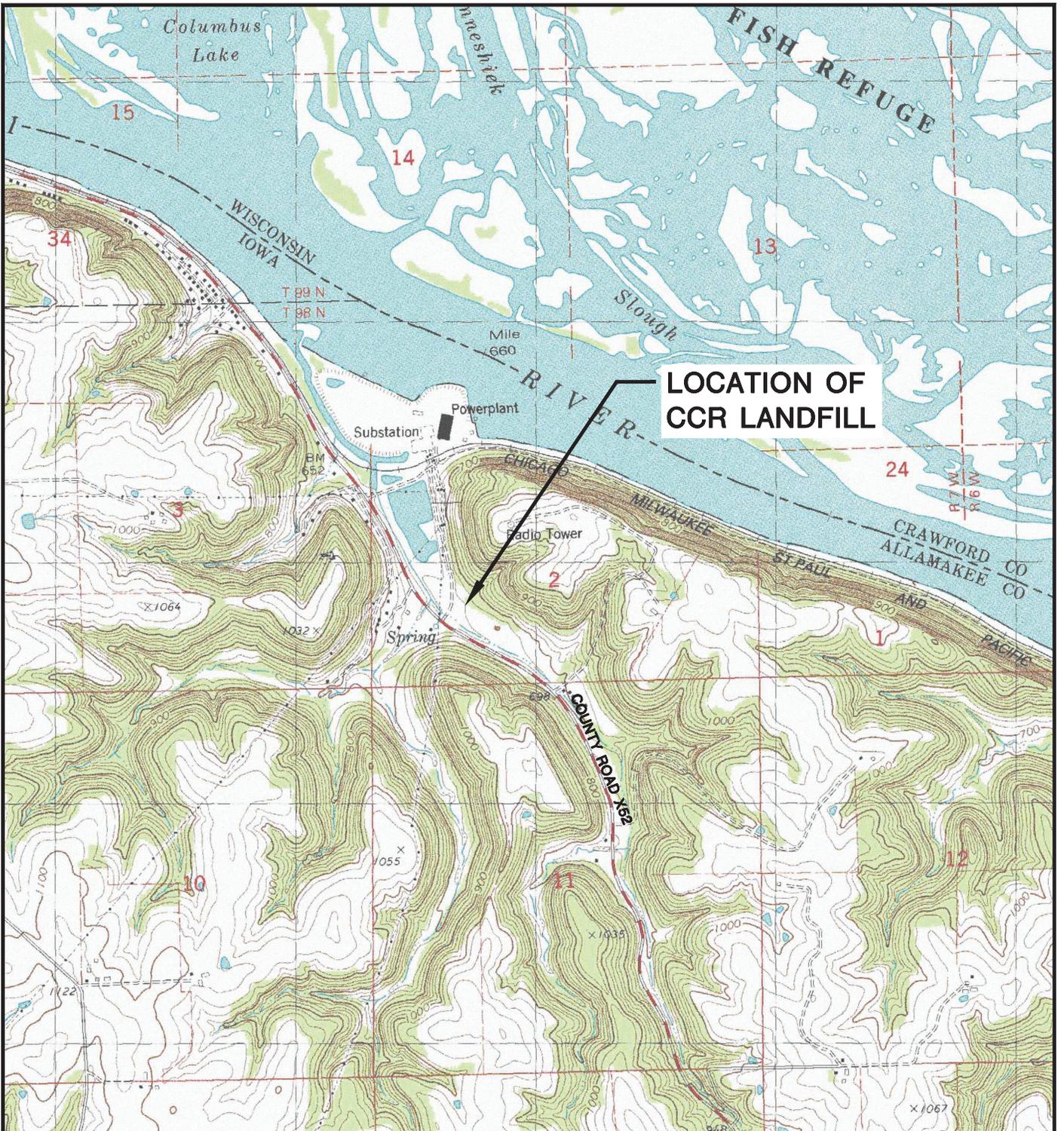
cc: Jeff Maxted, Alliant Energy  
Matt Bizjack, Alliant Energy

Encl. Figure 1 – Site Location Map  
Figure 2 – Site Plan and Monitoring Well Location Map  
Attachment A – MW-13 and MW-15 Abandonment Documentation  
Attachment B – MW-13R and MW-15R Boring Logs  
Attachment C – MW-13R and MW-15R Well Construction Forms  
Attachment D – Well Photographs  
Attachment E – Hydraulic Conductivity Test Results  
Attachment F – Additional Well Abandonment and Construction Documentation

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## Figures

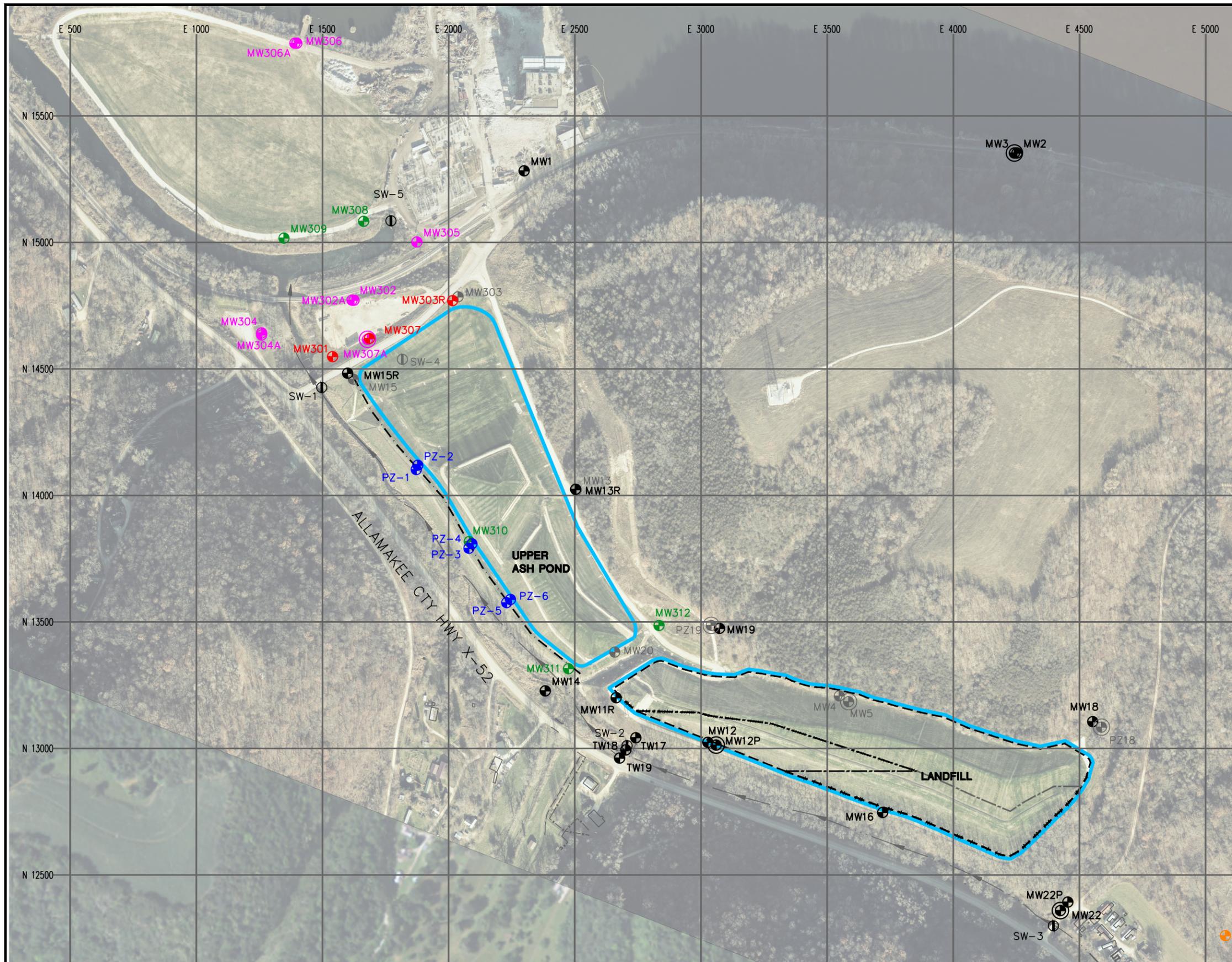
- 1 Site Location Map
- 2 Site Plan and Monitoring Well Location Map



LANSING QUADRANGLE  
 IOWA-ALLAMAKEE CO.  
 7.5 MINUTE SERIES (TOPOGRAPHIC)  
 NW/4 LANSING 15' QUADRANGLE  
 1997  
 SCALE: 1" = 2,000'

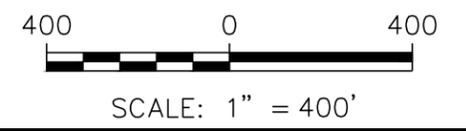


CLIENT	 <b>ALLIANT ENERGY</b> INTERSTATE POWER AND LIGHT 2320 POWER PLANT DRIVE LANSING, IA 52151-9733	SITE	INTERSTATE POWER AND LIGHT LANSING GENERATING STATION COAL COMBUSTION RESIDUE LANDFILL LANSING, IOWA	SITE LOCATION MAP



- LEGEND**
- APPROVED LIMITS OF WASTE
  - LIMITS OF PHASE 1 FINAL COVER
  - LIMITS OF PHASE 2 FINAL COVER
  - CCR UNIT LIMITS
  - SLURRY WALL
  - EXISTING STREAM
  - SW-1 EXISTING STAFF GAUGE
  - SW-4 ABANDONED STAFF GAUGE
  - MW17 EXISTING MONITORING WELL
  - MW12P EXISTING PIEZOMETER
  - MW4 ABANDONED MONITORING WELL
  - MW5 ABANDONED PIEZOMETER
  - MW301 WATER LEVEL WELL (NOT PART OF CCR RULE MONITORING SYSTEM)
  - MW301 CCR MONITORING WELL
  - MW6 CCR BACKGROUND MONITORING WELL
  - MW306 CCR DELINEATION MONITORING WELL
  - PZ-3 PIEZOMETERS

- NOTES:**
1. MONITORING WELL LOCATIONS AND CCR UNIT LIMITS ARE APPROXIMATE.
  2. BACKGROUND AERIAL IMAGE IS A COMPOSITE OF A PHOTOGRAPH FROM DRONEVIEW MAPPING DATED NOVEMBER 25, 2023 AND 2011 AERIAL IMAGERY.
  3. MW-13, MW-15 AND MW-303 HAVE BEEN DRY FOR MULTIPLE SAMPLING EVENTS. THE WELLS WERE ABANDONED AND REPLACED WITH DEEPER WELLS BY CASCADE DRILLING, L.P. IN SEPTEMBER, 2025.
  4. MW-13R, MW-15R AND MW-303R INSTALLED IN SEPTEMBER, 2025 BY CASCADE DRILLING, L.P. TO REPLACE MW-13, MW-15 AND MW-303 WHICH HAVE BEEN HISTORICALLY DRY.
  5. MW-310, MW-311 AND MW-312 INSTALLED IN SEPTEMBER, 2025 BY CASCADE DRILLING, L.P.



PROJECT NO.	25225228.00
DRAWN:	10/16/2025
REVISED:	03/06/2026

DRAWN BY:	SB
CHECKED BY:	MDB
APPROVED BY:	MDB 3/6/2026

**SCS ENGINEERS**  
 2830 DAIRY DRIVE MADISON, WI 53718-6751  
 PHONE: (608) 224-2830

CLIENT: INTERSTATE POWER AND LIGHT  
 2320 POWER PLANT DRIVE  
 LANSING, IA 52151-9733

SITE: ALLIANT ENERGY  
 LANSING POWER STATION  
 LANSING, IOWA

SITE PLAN AND  
 MONITORING WELL LOCATIONS

FIGURE  
 2

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## Attachment A

### MW-13 and MW-15 Abandonment Documentation



IOWA DEPARTMENT OF NATURAL RESOURCES  
**Monitoring Well/Piezometer  
 Abandonment Form**

Disposal Site Name: IPL - Lansing Generating Station Permit No.: 03-SDP-05-01C

Well/Piezometer No.: MW-13

Applicable Requirements<sup>1</sup>:  567 IAC 113  567 IAC 139  
 567 IAC 114  Site Permit  
 567 IAC 115  Other: \_\_\_\_\_

**1. Location of Well<sup>2</sup>**

Site Coordinates: Northing: 3957035.20 Easting: 5541963.29  
 World Coordinates: Latitude: N43 19' 55.05 Longitude: W91 10' 00.86"

**2. Well Description:**

Well depth: 21 ft  
 Depth to water: 17.89 ft.  
 Well material: PVC (PVC, stainless, iron, etc.)  
 Well diameter: 2 in.  
 Year or decade constructed: 2013  
 Abandonment date: 9/16/2025  
 Abandonment method: overdrilled, backfilled with 400 lbs of 3/8 bentonite chips (hydrated)

If plugged by owner, complete the following:  
 I certify, under penalty of law, I believe the information reported on this form is true, accurate, and complete.

Signature of Owner \_\_\_\_\_

If plugged by certified well contractor, complete the following:  
 I certify, under penalty of law, I believe the information reported on this form is true, accurate, and complete.

Signature of Contractor:  Cert No: 9361

Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at [erik.day@dnr.iowa.gov](mailto:erik.day@dnr.iowa.gov).

<sup>1</sup> Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirement, then 567 UAC Chapter 39 shall apply, which requires use of the Abandoned Water Well Plugging Record, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.  
<sup>2</sup> The location does not need to be surveyed by a licensed surveyor. A handheld GPS reading accurate to +/- 30 feet is acceptable and include with this form an aerial photograph showing the location. The site coordinates should be the same coordinate system currently used for survey control and mapping of the site.



IOWA DEPARTMENT OF NATURAL RESOURCES  
**Monitoring Well/Piezometer  
 Abandonment Form**

Disposal Site Name: IPL - Lansing Generating Station Permit No.: 03-SDP-05-01P

Well/Piezometer No.: MW-15

Applicable Requirements<sup>1</sup>:  567 IAC 113  567 IAC 139  
 567 IAC 114  Site Permit  
 567 IAC 115  Other: \_\_\_\_\_

**1. Location of Well<sup>2</sup>**

Site Coordinates: Northing: 3957656.097 Easting: 5541159.483  
 World Coordinates: Latitude: 43 deg 20' 1.4" Longitude: -91 deg 10' 11.5"

**2. Well Description:**

Well depth: 28 ft  
 Depth to water: 23.20 ft.  
 Well material: PVC (PVC, stainless, iron, etc.)  
 Well diameter: 2 in.  
 Year or decade constructed: 2014  
 Abandonment date: 9/17/2025  
 Abandonment method: overdrilled, backfilled with 450 lbs of 3/8 bentonite chips (hydrated)

If plugged by owner, complete the following:

I certify, under penalty of law, I believe the information reported on this form is true, accurate, and complete.

Signature of Owner \_\_\_\_\_

If plugged by certified well contractor, complete the following:

I certify, under penalty of law, I believe the information reported on this form is true, accurate, and complete.

Signature of Contractor:  Cert No: 9361

Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at [erik.day@dnr.iowa.gov](mailto:erik.day@dnr.iowa.gov).

<sup>1</sup> Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirement, then 567 UAC Chapter 39 shall apply, which requires use of the Abandoned Water Well Plugging Record, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

<sup>2</sup> The location does not need to be surveyed by a licensed surveyor. A handheld GPS reading accurate to +/- 30 feet is acceptable and include with this form an aerial photograph showing the location. The site coordinates should be the same coordinate system currently used for survey control and mapping of the site.

Attachment B

MW-13R and MW-15R Boring Logs

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

Facility/Project Name <b>IPL-Lansing</b>		License/Permit/Monitoring Number SCS#: 25225228.00		Boring Number <b>MW-13R</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>John Weeks Cascade</b>		Date Drilling Started <b>9/16/2025</b>		Date Drilling Completed <b>9/16/2025</b>	
Unique Well No.		DNR Well ID No.		Common Well Name <b>MW-13R</b>	
Final Static Water Level <b>17.5 Feet</b>		Surface Elevation <b>655.7 Feet</b>		Borehole Diameter <b>6.0 in</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>		State Plane <b>3,957,039 N, 5,541,961 E S/C/N</b>		Local Grid Location	
NW 1/4 of SW 1/4 of Section 2, T 98 N, R 3 W		Lat <b>43° 19' 55.1"</b>		<input type="checkbox"/> N <input type="checkbox"/> E	
		Long <b>91° 10' 0.9"</b>		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Allamakee</b>		Civil Town/City/ or Village <b>Lansing, Iowa</b>	

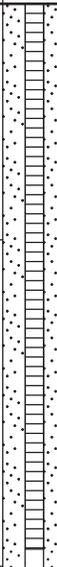
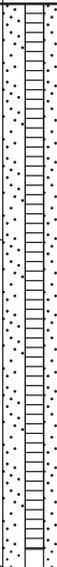
Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1	47		1.5	ORGANIC SILT (OL), with roots, very dark brown (10YR 2/2) (TOPSOIL).	OL									
			3.0	SILT (ML), yellowish brown (10YR 5/6), trace fine gravel, angular gravel, trace roots.	ML									
			4.5	SILTY SAND (SM) with gravel, light gray (10YR 7/2), fine to coarse gravel, angular gravel, trace cobbles.	SM									
S2	52		6.0	POORLY GRADED SAND (SP), yellowish brown (10YR 5/6), very fine to coarse sand, fine to coarse gravel, rounded sand, subrounded gravel.	SP									
			7.5	CLAYEY SAND (SC), dark yellowish brown (10YR 4/6), very fine to coarse sand, fine to coarse gravel, rounded sand, subrounded gravel.	SC									
			9.0	LEAN CLAY (CL), olive brown (2.5Y 4/4).	CL									
S3	41		10.5	SILT (ML), light olive brown (2.5Y 5/4), some clay, trace fine sand, subrounded sand, Fe mottle in clay seams. clay seam at 10'	ML									
			12.0											
			13.5	POORLY GRADED SAND (SP), yellowish brown (10YR 5/4), trace clay, fine to medium sand, rounded sand.	SP									
S4	47		15.0	SILTY SAND with GRAVEL (SM), very pale brown (10YR 7/3), trace clay, fine to medium sand, fine to coarse gravel, rounded sand, subrounded sand.	SM									
			16.5	SILT (ML), light olive brown (2.5Y 5/4), with clay, fine to medium sand, fine to coarse gravel, rounded sand, subrounded gravel.	ML									
			18.0	gravel content increases at 17'	ML									

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

Signature <i>Bridget Jarosinski</i> Bridget Jarosinski	Firm <b>SCS Engineers</b> 2830 <b>Diry</b> Drive, Madison, WI 53718	Tel: Fax:
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Boring Number MW-13R

Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments					
Number and Type	Length Att. & Recovered (in)								Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200						
S5	50		21.0	SILT (ML), light olive brown (2.5Y 5/4), with clay, fine to medium sand, fine to coarse gravel, rounded sand, subrounded gravel. <i>(continued)</i>  color change - light yellowish brown (2.5Y 6/4), no more clay, fine to coarse gravel, angular to subangular gravel.	ML				0.75	MW									
			22.5																
S6	56		24.0	SILT (ML), olive (5Y 5/3), with clay, with fine to medium sand, fine to coarse gravel, rounded sand, angular gravel.  color change - darker color, yellow brown Fe mottle, some red brown veins at 29.5'	ML				0.5	W									
			25.5																
			27.0																
			28.5																
			30.0																
			31.5																
			End of boring at 32'																

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

Facility/Project Name <b>IPL-Lansing</b>		SCS#: 25225228.00		License/Permit/Monitoring Number		Boring Number <b>MW-15R</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>John Weeks Cascade</b>				Date Drilling Started <b>9/17/2025</b>		Date Drilling Completed <b>9/17/2025</b>	
Unique Well No.		DNR Well ID No.		Common Well Name <b>MW-15R</b>		Final Static Water Level <b>22.8 Feet</b>	
				Surface Elevation <b>653.5 Feet</b>		Borehole Diameter <b>6.0 in</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/> State Plane <b>3,957,658 N, 5,541,159 E S/C(N)</b>				Lat <b>43° 20' 1.4"</b>		Local Grid Location	
<b>SW 1/4 of NW 1/4 of Section 2, T 98 N, R 3 E</b>				Long <b>91° 10' 11.5"</b>		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Allamakee</b>		Civil Town/City/ or Village <b>Lansing, Iowa</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
S1 S2	49		1.5	SILTY SAND (SM), dark grayish brown (10YR 4/2), very fine to medium sand, trace coarse sand, trace gravel, subrounded to subangular sand, angular gravel, organics (roots/grass).	SM				-	M				
			3.0	POORLY GRADED SAND (SP), dark yellowish brown (10YR 4/4), fine to medium sand, trace coarse sand, trace silt, subrounded sand.										
			4.5	trace fine angular sand sized grains (shell fragments) at 4'										
			7.5						-	M				
			10.5		SP									
			12.0											
			15.0	high silt content from 14-14.5'										
			16.5	color change - dark brown (10YR 3/3), trace pockets of clay, increase in silt content										
			18.0											
			20											
			19.5	trace angular fine sand sized grains (shell fragments) at 19'										

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

Signature 	Firm <b>SCS Engineers</b> 2830 Dairy Drive, Madison, WI 53718	Tel: Fax:
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## Attachment C

### MW-13R and MW-15R Well Construction Forms

# MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL - Lansing Generating Station Permit No.: 03-SDP-05-01C  
Well/Piezometer No.: MW-13R Date Started: 9/16/2025 Date Completed: 9/19/2025  
Applicable Requirements<sup>1</sup>:  567 IAC 113  567 IAC 115  Site Permit  
 567 IAC 114  567 IAC 139  Other: \_\_\_\_\_

## A. SURVEYED LOCATION<sup>2</sup> AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 655.74 Top of Protective Casing: 658.7  
Top of Well Casing: 658.2  
Site Coordinates: Northing: 3957039.19 Easting: 5541961.17  
World Coordinates: Latitude: 43°19'55.09031" Longitude: 91°10'00.88715"  
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

## B. SOIL BORING INFORMATION

Certified Well Contractor Cascade  
Address 301 Alderson City, State, Zip Code Schofield, Wisconsin, 54476  
Name of driller Paul Dickinson Cert No. 9361  
Drilling method Rotosonic Drilling fluid None Bore hole diameter 6"  
Soil sampling method Bag Depth of boring 32'

## C. MONITORING WELL INSTALLATION

Casing material: PVC Sch 40 Placement method: Gravity  
Length of casing: 19.00 Quantity: 300#  
Casing diameter: 2" Backfill (if different from seal): NA  
Casing joint type: Threaded Material: NA  
Casing/screen joint type: Threaded Placement method: NA  
Screen material: PVC Sch 40 Quantity: NA  
Screen opening size: 0.010" Surface seal design: Concrete  
Screen length: 15' Material of protective casing: Steel  
Material of grout between  
protective casing and well casing: Sand and bentonite  
Depth of Well: 31 Protective cap: \_\_\_\_\_  
Filter Pack: \_\_\_\_\_ Material: Steel  
Material: Red Flint Sand Vented?:  Y  N Locking?:  Y  N  
Grain Size: #40/#15 Well cap: \_\_\_\_\_  
Quantity: 300# / 50# Material: Aluminum with plastic cap  
Seal (minimum 3 ft. length above filter pack): \_\_\_\_\_ Vented?:  Y  N  
Material: 3/8 Bentonite Chips

## D. GROUNDWATER MEASUREMENT ( $\pm 0.01$ foot below top of inner well casing)

Water level 19.95 Stabilization time < 1 hr  
Well development method purged dry 3 times, purged a total of 7.7 gallons of water over 40 minutes  
Average depth of frost line 4'

<sup>1</sup> Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirements, then 567 IAC Chapter 39 shall apply, which requires use of the Well Log (Well Record) Form, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

<sup>2</sup> The location does not need to be surveyed by a licensed surveyor. A handheld GPS reading accurate to +/- 30 feet is acceptable when an aerial photograph showing the location (pin) is included with this form. The site coordinates should be the same coordinate system currently used for survey control and mapping of the site.

# Signer ID: YUOG0IFR15...

## DRILLER'S CERTIFICATION

I certify under penalty of law I believe the information reported above is true, accurate, and complete.

Signature Paul Dickinson Certification # 9361 Date 9/19/2025

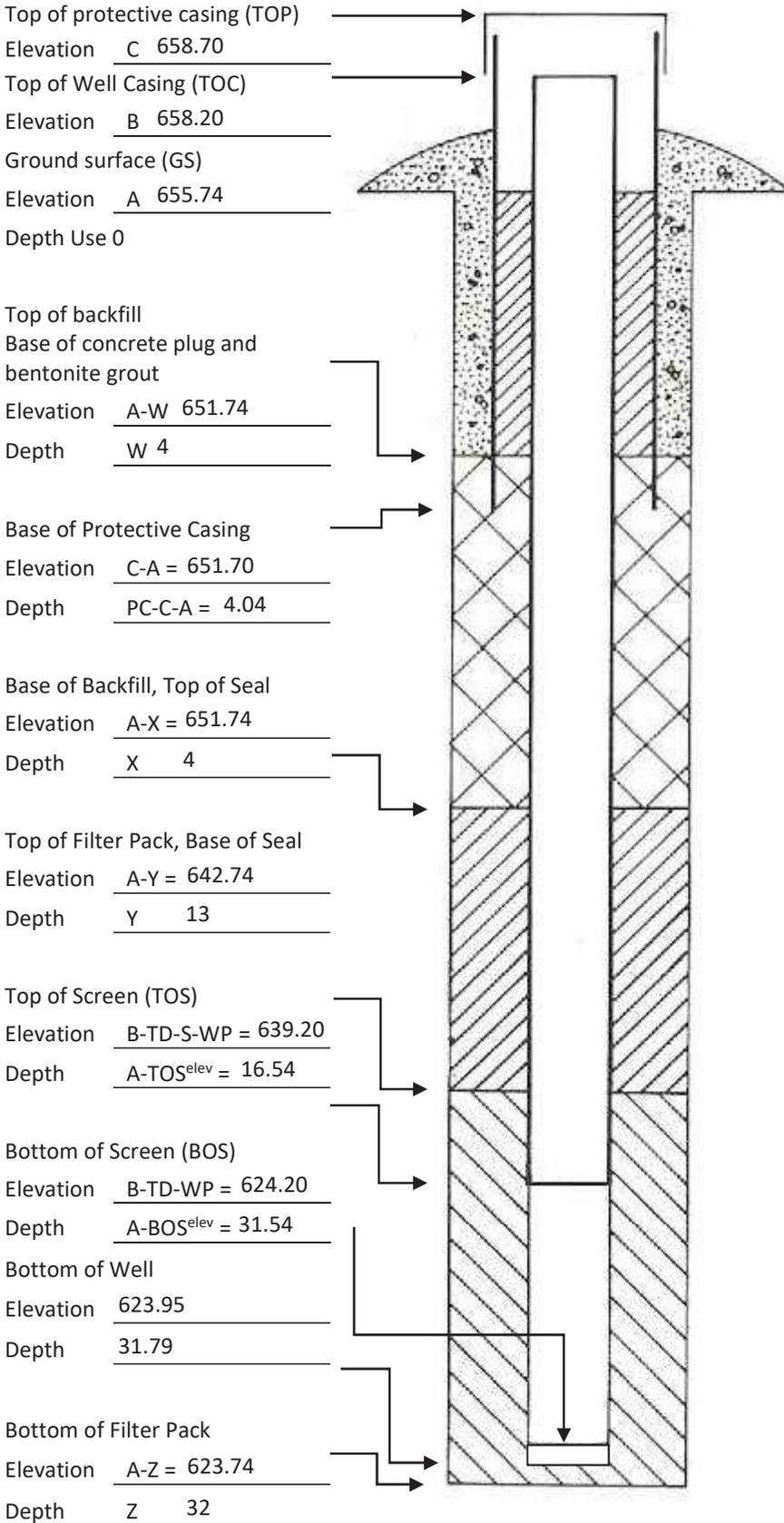
Note: Attach well log, boring log, and map showing new monitoring well/piezometer location in relation to existing wells or piezometers.

Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at [erik.day@dnr.iowa.gov](mailto:erik.day@dnr.iowa.gov). DNR prefers that the forms be completed and submitted electronically.

## Well and Boring Logs

Elevations:  $\pm 0.01$  ft. MSL

Depths:  $\pm 0.1$  ft from Ground Surface



### Required Data:

- Elevations for A, B, and C shall be surveyed.
- Depths for W, X, Y, and Z shall be field measured following completion of each item.
- Lengths of the Protective Casing (PC), Screen (S), and Well Point (WP) shall be field measured prior to installation of each item.
- The total Depth (TD) from the Top of Well Casing to the Bottom of Well Point shall be field measured following installation.

PC: <u>7</u>	S: <u>15</u>
WP: <u>0.25</u>	TD: <u>34.25</u>

# MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL - Lansing Generating Station Permit No.: 03-SDP-05-01C  
Well/Piezometer No.: MW-15R Date Started: 9/17/2025 Date Completed: 9/19/2025  
Applicable Requirements<sup>1</sup>:  567 IAC 113  567 IAC 115  Site Permit  
 567 IAC 114  567 IAC 139  Other: \_\_\_\_\_

## A. SURVEYED LOCATION<sup>2</sup> AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 653.45 Top of Protective Casing: 656.38  
Top of Well Casing: 655.95  
Site Coordinates: Northing: 3957657.66 Easting: 5541158.53  
World Coordinates: Latitude: 43°20'01.41489" Longitude: 91°10'11.51191"  
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

## B. SOIL BORING INFORMATION

Certified Well Contractor Cascade  
Address 301 Alderson City, State, Zip Code Schofield, Wisconsin, 54476  
Name of driller Paul Dickinson Cert No. 9361  
Drilling method Rotosonic Drilling fluid None Bore hole diameter 6"  
Soil sampling method Bag Depth of boring 40'

## C. MONITORING WELL INSTALLATION

Casing material: PVC Sch 40 Placement method: Gravity  
Length of casing: 26.07 Quantity: 350#  
Casing diameter: 2" Backfill (if different from seal): NA  
Casing joint type: Threaded Material: NA  
Casing/screen joint type: Threaded Placement method: NA  
Screen material: PVC Sch 40 Quantity: NA  
Screen opening size: 0.010" Surface seal design: Concrete  
Screen length: 15' Material of protective casing: Steel  
Material of grout between  
protective casing and well casing: Sand and bentonite  
Depth of Well: 38.5 Protective cap: \_\_\_\_\_  
Filter Pack: 40-21 Material: Steel  
Material: Red Flint Sand Vented?:  Y  N Locking?:  Y  N  
Grain Size: #40 Well cap: \_\_\_\_\_  
Quantity: 250# Material: Aluminum with plastic cap  
Seal (minimum 3 ft. length above filter pack): 21-4 Vented?:  Y  N  
Material: 3/8 Bentonite Chips

## D. GROUNDWATER MEASUREMENT ( $\pm 0.01$ foot below top of inner well casing)

Water level 25.75 Stabilization time < 1 hour  
Well development method purged 10 well volumes while surging periodically  
Average depth of frost line 4'

<sup>1</sup> Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirements, then 567 IAC Chapter 39 shall apply, which requires use of the Well Log (Well Record) Form, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

<sup>2</sup> The location does not need to be surveyed by a licensed surveyor. A handheld GPS reading accurate to +/- 30 feet is acceptable when an aerial photograph showing the location (pin) is included with this form. The site coordinates should be the same coordinate system currently used for survey control and mapping of the site.

**DRILLER'S CERTIFICATION**

**I certify under penalty of law I believe the information reported above is true, accurate, and complete.**

**Signature** Paul Dickinson **Certification #** 9361 **Date** 9/19/2025

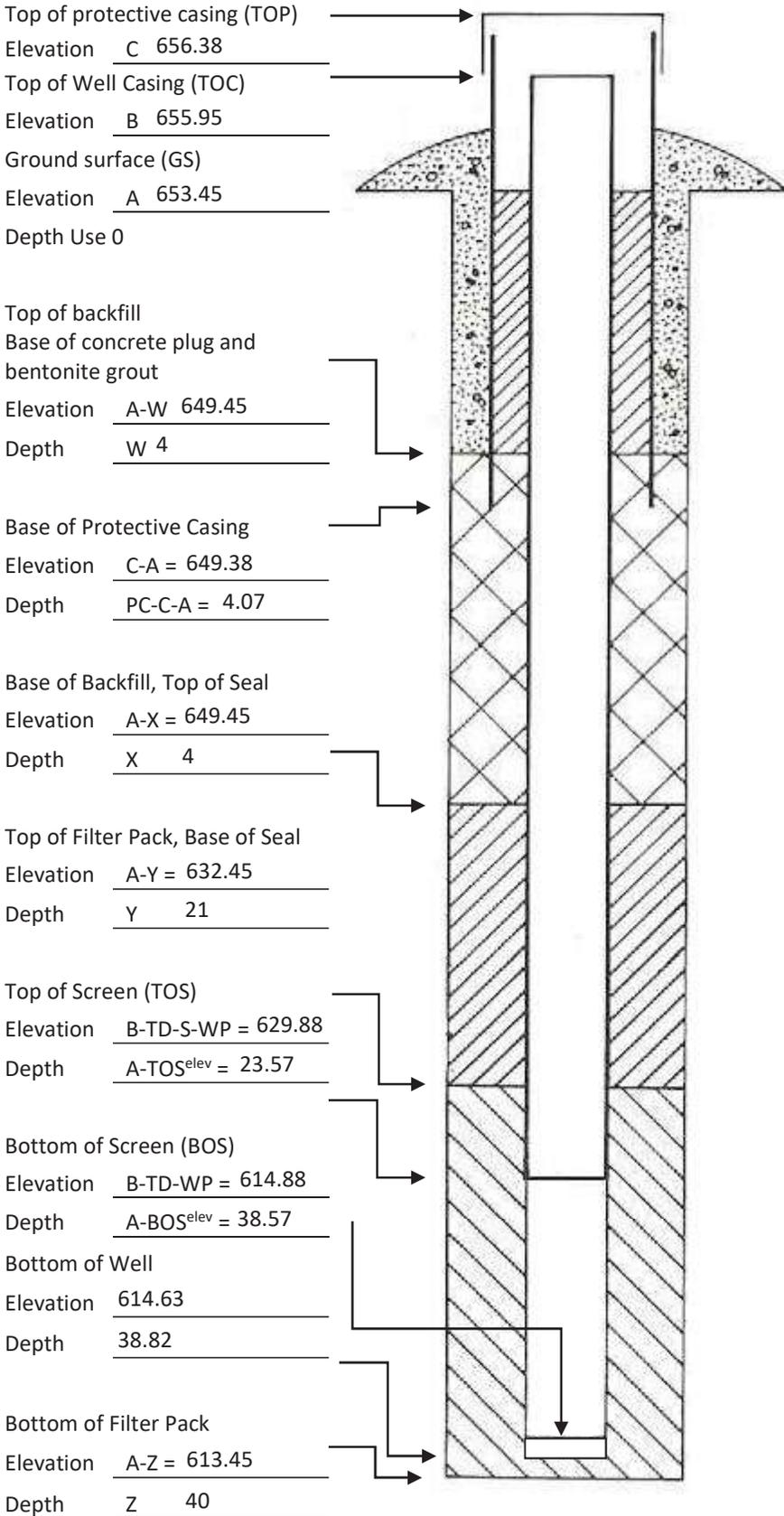
Note: Attach well log, boring log, and map showing new monitoring well/piezometer location in relation to existing wells or piezometers.

Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at [erik.day@dnr.iowa.gov](mailto:erik.day@dnr.iowa.gov). DNR prefers that the forms be completed and submitted electronically.

# Well and Boring Logs

Elevations: ±0.01 ft. MSL

Depths: ±0.1 ft from Ground Surface



### Required Data:

- Elevations for A, B, and C shall be surveyed.
- Depths for W, X, Y, and Z shall be field measured following completion of each item.
- Lengths of the Protective Casing (PC), Screen (S), and Well Point (WP) shall be field measured prior to installation of each item.
- The total Depth (TD) from the Top of Well Casing to the Bottom of Well Point shall be field measured following installation.

PC: <u>7</u>	S: <u>15</u>
WP: <u>0.25</u>	TD: <u>41.32</u>

Attachment D  
Well Photographs

Lansing Generating Station  
Lansing, Iowa  
SCS Engineers Project #25225228.00



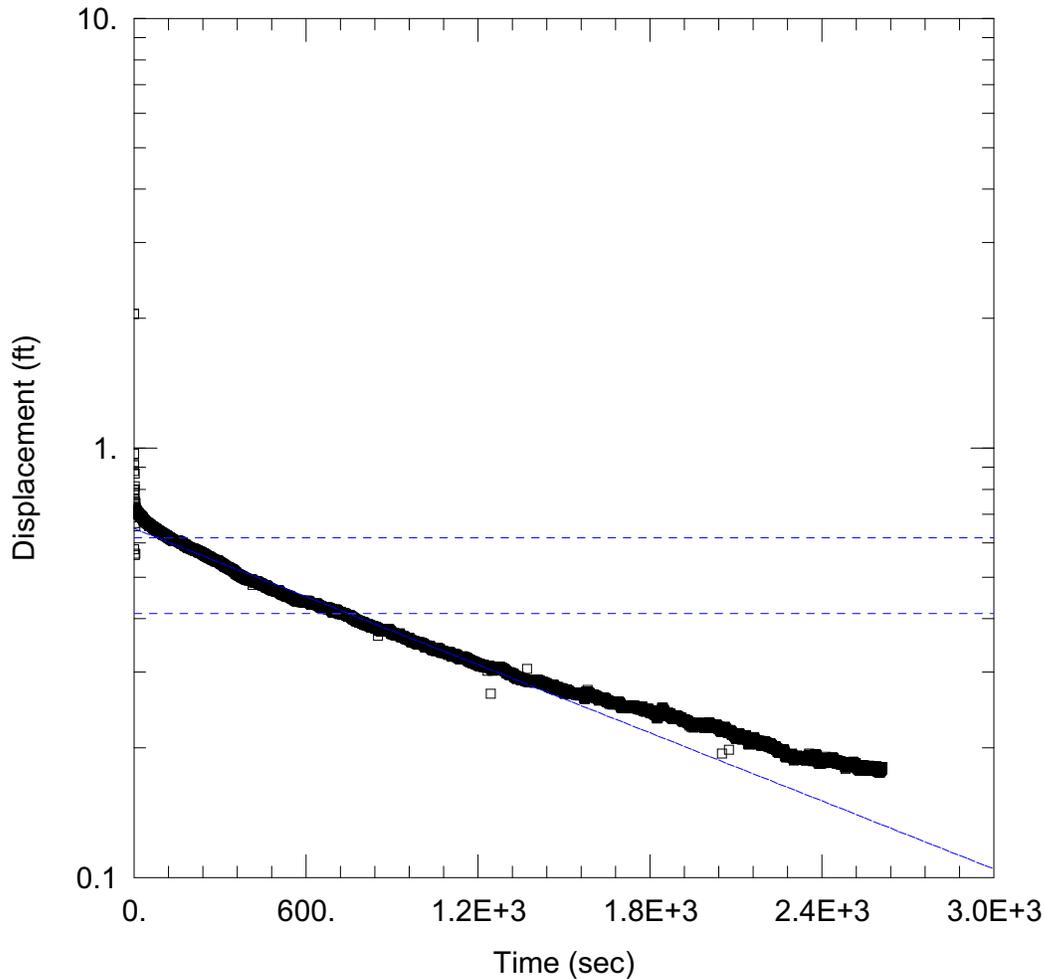
**Photo 1:** Monitoring wells MW-13R, looking northeast.



**Photo 2:** MW-15R, looking east

## Attachment E

### Hydraulic Conductivity Test Results



WELL TEST ANALYSIS

Data Set: I:\25225228.00\Data and Calculations\K Tests\MW13R.aqt  
 Date: 01/19/26 Time: 11:14:11

PROJECT INFORMATION

Company: SCS Engineers  
 Client: IPL  
 Project: 25225228  
 Location: Lansing  
 Test Well: MW-13R  
 Test Date: 10/21/2025

AQUIFER DATA

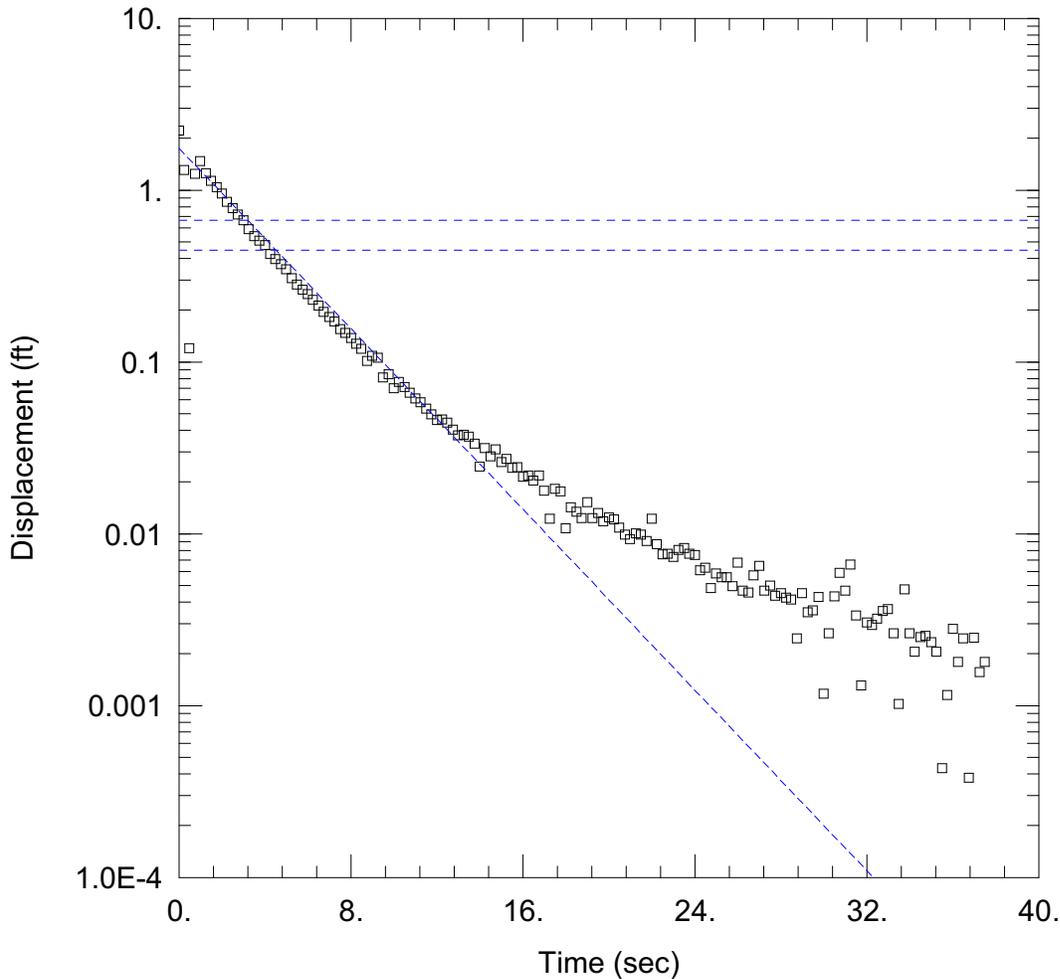
Saturated Thickness: 20. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-13R)

Initial Displacement: 2.054 ft Static Water Column Height: 14.12 ft  
 Total Well Penetration Depth: 14.1 ft Screen Length: 14.1 ft  
 Casing Radius: 0.09 ft Well Radius: 0.25 ft  
 Gravel Pack Porosity: 0.25

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice  
 K = 3.962E-5 cm/sec y0 = 0.6485 ft



WELL TEST ANALYSIS

Data Set: I:\25225228.00\Data and Calculations\K Tests\MW15R.aqt  
 Date: 01/19/26 Time: 12:01:04

PROJECT INFORMATION

Company: SCS Engineers  
 Client: IPL  
 Project: 25225228  
 Location: Lansing  
 Test Well: MW-15R  
 Test Date: 10/21/2025

AQUIFER DATA

Saturated Thickness: 14.8 ft Anisotropy Ratio ( $K_z/K_r$ ): 1.

WELL DATA (MW-15R)

Initial Displacement: 2.228 ft Static Water Column Height: 15.15 ft  
 Total Well Penetration Depth: 15.15 ft Screen Length: 15. ft  
 Casing Radius: 0.09 ft Well Radius: 0.25 ft  
 Gravel Pack Porosity: 0.25

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice  
 $K = 0.02125$  cm/sec  $y_0 = 1.755$  ft

## Attachment F

### Additional Well Abandonment and Construction Documentation

# MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL - Lansing Generating Station Permit No.: \_\_\_\_\_  
Well/Piezometer No.: MW-303R Date Started: 9/17/2025 Date Completed: 9/19/2025  
Applicable Requirements<sup>1</sup>:  567 IAC 113  567 IAC 115  Site Permit  
 567 IAC 114  567 IAC 139  Other: \_\_\_\_\_

## A. SURVEYED LOCATION<sup>2</sup> AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 653.72 Top of Protective Casing: 656.78  
Top of Well Casing: 656.12  
Site Coordinates: Northing: 3957862.46 Easting: 5541620.72  
World Coordinates: Latitude: 43°20'03.31098" Longitude: 91°10'05.18438"  
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

## B. SOIL BORING INFORMATION

Certified Well Contractor Cascade  
Address 301 Alderson City, State, Zip Code Schofield, Wisconsin, 54476  
Name of driller Paul Dickinson Cert No. 9361  
Drilling method Rotosonic Drilling fluid None Bore hole diameter 6"  
Soil sampling method Bag Depth of boring 35'

## C. MONITORING WELL INSTALLATION

Casing material: PCV Sch 40 Placement method: Gravity  
Length of casing: 26.20 Quantity: 250#  
Casing diameter: 2" Backfill (if different from seal): NA  
Casing joint type: Threaded Material: NA  
Casing/screen joint type: Threaded Placement method: NA  
Screen material: PCV Sch 40 Quantity: NA  
Screen opening size: 0.010" Surface seal design: Concrete  
Screen length: 10 Material of protective casing: Steel  
Material of grout between  
protective casing and well casing: Sand and bentonite  
Depth of Well: 34 Protective cap: \_\_\_\_\_  
Filter Pack: \_\_\_\_\_ Material: Steel  
Material: Red Flint Sand Vented?:  Y  N Locking?:  Y  N  
Grain Size: #40 Well cap: \_\_\_\_\_  
Quantity: 187.5# Material: aluminum with plastic cap  
Seal (minimum 3 ft. length above filter pack): \_\_\_\_\_ Vented?:  Y  N  
Material: 3/8 Bentonite Chips

## D. GROUNDWATER MEASUREMENT ( $\pm 0.01$ foot below top of inner well casing)

Water level 25.04 Stabilization time <1 hour  
Well development method purged 10 well volumes, surged periodically  
Average depth of frost line 4'

<sup>1</sup> Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirements, then 567 IAC Chapter 39 shall apply, which requires use of the Well Log (Well Record) Form, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

<sup>2</sup> The location does not need to be surveyed by a licensed surveyor. A handheld GPS reading accurate to +/- 30 feet is acceptable when an aerial photograph showing the location (pin) is included with this form. The site coordinates should be the same coordinate system currently used for survey control and mapping of the site.

**DRILLER'S CERTIFICATION**

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Signature Paul Dickinson Certification # 9361 Date 9/19/2025

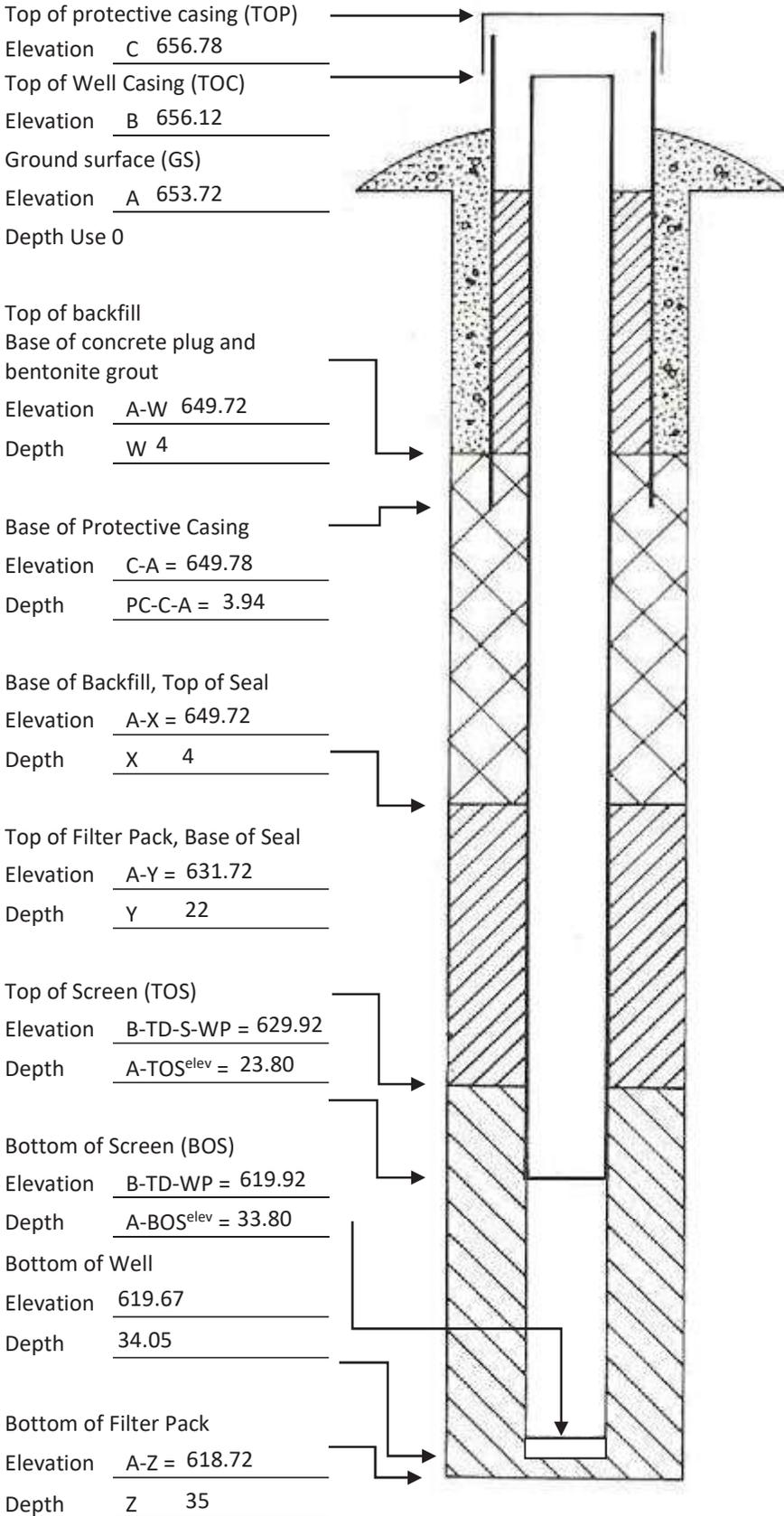
Note: Attach well log, boring log, and map showing new monitoring well/piezometer location in relation to existing wells or piezometers.

Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at [erik.day@dnr.iowa.gov](mailto:erik.day@dnr.iowa.gov). DNR prefers that the forms be completed and submitted electronically.

# Well and Boring Logs

Elevations: ±0.01 ft. MSL

Depths: ±0.1 ft from Ground Surface



## Required Data:

- Elevations for A, B, and C shall be surveyed.
- Depths for W, X, Y, and Z shall be field measured following completion of each item.
- Lengths of the Protective Casing (PC), Screen (S), and Well Point (WP) shall be field measured prior to installation of each item.
- The total Depth (TD) from the Top of Well Casing to the Bottom of Well Point shall be field measured following installation.

PC: <u>7</u>	S: <u>10</u>
WP: <u>0.25</u>	TD: <u>36.45</u>

# MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL - Lansing Generating Station Permit No.: \_\_\_\_\_  
Well/Piezometer No.: MW-310 Date Started: 9/19/2025 Date Completed: 9/19/2025  
Applicable Requirements<sup>1</sup>:  567 IAC 113  567 IAC 115  Site Permit  
 567 IAC 114  567 IAC 139  Other: \_\_\_\_\_

## A. SURVEYED LOCATION<sup>2</sup> AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 657.08 Top of Protective Casing: 659.8  
Top of Well Casing: 659.48  
Site Coordinates: Northing: 3956914.3 Easting: 5541508.7  
World Coordinates: Latitude: 43°19'53.98057" Longitude: 91°10'07.05307"  
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

## B. SOIL BORING INFORMATION

Certified Well Contractor Cascade  
Address 301 Alderson City, State, Zip Code Schofield, Wisconsin, 54476  
Name of driller Paul Dickinson Cert No. 9361  
Drilling method Rotosonic Drilling fluid None Bore hole diameter 6"  
Soil sampling method Bag Depth of boring 40'

## C. MONITORING WELL INSTALLATION

Casing material: PCV Sch 40 Placement method: Gravity  
Length of casing: 27.14 Quantity: 300#  
Casing diameter: 2" Backfill (if different from seal): NA  
Casing joint type: Threaded Material: NA  
Casing/screen joint type: Threaded Placement method: NA  
Screen material: PCV Sch 40 Quantity: NA  
Screen opening size: 0.010" Surface seal design: Concrete  
Screen length: 10 Material of protective casing: Steel  
Material of grout between  
protective casing and well casing: Sand and bentonite  
Depth of Well: 34.5 Protective cap: \_\_\_\_\_  
Filter Pack: 35-23.5 Material: Steel  
Material: Red Flint Sand Vented?:  Y  N Locking?:  Y  N  
Grain Size: #40 Well cap: \_\_\_\_\_  
Quantity: 250# Material: Plastic with rubber gasket  
Seal (minimum 3 ft. length above filter pack): \_\_\_\_\_ Vented?:  Y  N  
Material: 3/8 Bentonite Chips

## D. GROUNDWATER MEASUREMENT ( $\pm 0.01$ foot below top of inner well casing)

Water level 25.66 Stabilization time < 1 hour  
Well development method purged until clear, surged twice, purged 37 gallons  
Average depth of frost line 4'

<sup>1</sup> Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirements, then 567 IAC Chapter 39 shall apply, which requires use of the Well Log (Well Record) Form, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

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**DRILLER'S CERTIFICATION**

**I certify under penalty of law I believe the information reported above is true, accurate, and complete.**

Signature Paul Dickinson Certification # 9361 Date 9/19/2025

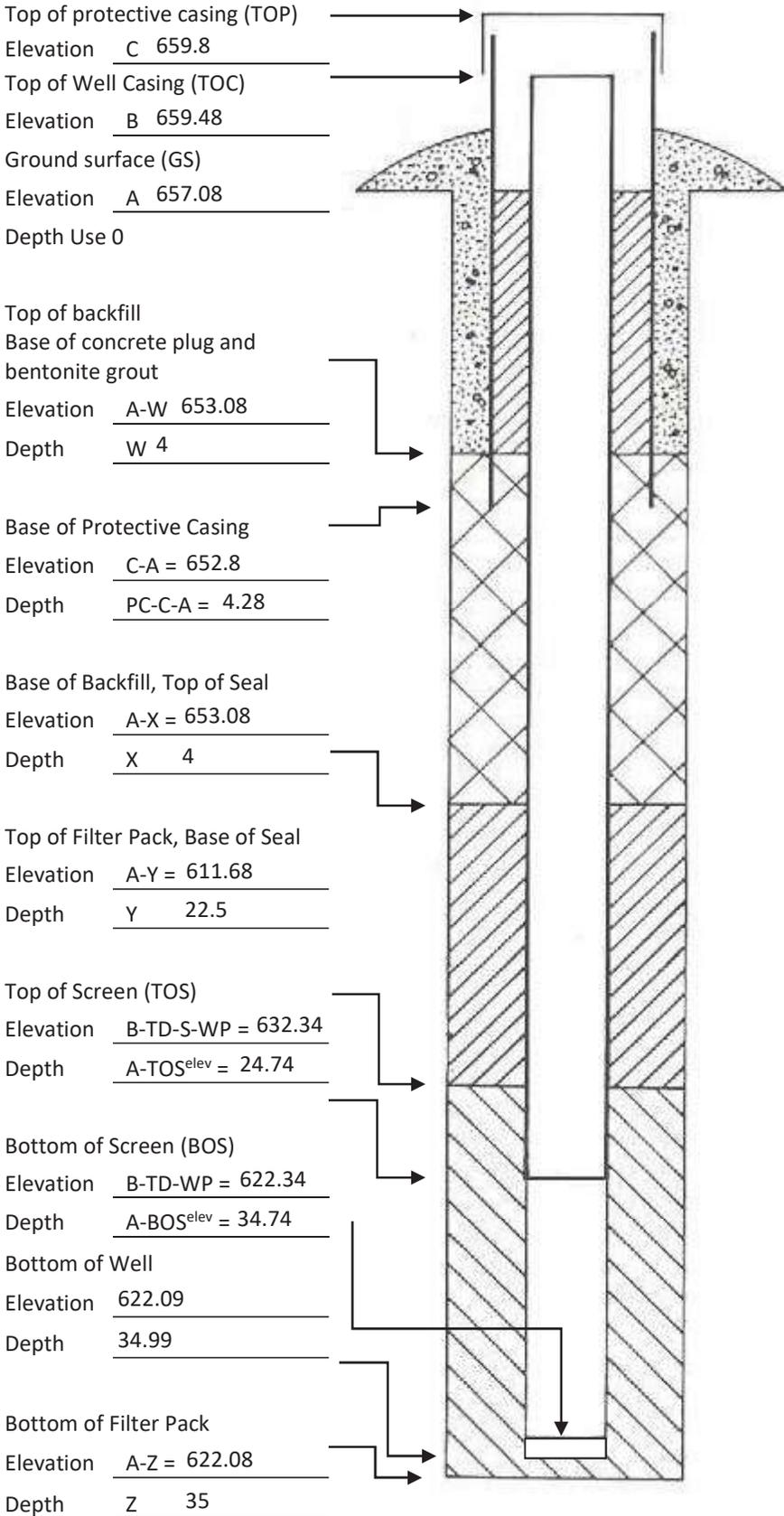
Note: Attach well log, boring log, and map showing new monitoring well/piezometer location in relation to existing wells or piezometers.

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## Well and Boring Logs

Elevations: ±0.01 ft. MSL

Depths: ±0.1 ft from Ground Surface



**Required Data:**

- Elevations for A, B, and C shall be surveyed.
- Depths for W, X, Y, and Z shall be field measured following completion of each item.
- Lengths of the Protective Casing (PC), Screen (S), and Well Point (WP) shall be field measured prior to installation of each item.
- The total Depth (TD) from the Top of Well Casing to the Bottom of Well Point shall be field measured following installation.

PC: <u>7</u>	S: <u>10</u>
WP: <u>0.25</u>	TD: <u>37.39</u>

# MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL - Lansing Generating Station Permit No.: \_\_\_\_\_  
Well/Piezometer No.: MW-312 Date Started: 9/18/2025 Date Completed: 9/19/2025  
Applicable Requirements<sup>1</sup>:  567 IAC 113  567 IAC 115  Site Permit  
 567 IAC 114  567 IAC 139  Other: \_\_\_\_\_

## A. SURVEYED LOCATION<sup>2</sup> AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 666.57 Top of Protective Casing: 669.55  
Top of Well Casing: 669.26  
Site Coordinates: Northing: 3956448.54 Easting: 5542186.19  
World Coordinates: Latitude: 43°19'49.19765" Longitude: 91°09'58.06444"  
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

## B. SOIL BORING INFORMATION

Certified Well Contractor Cascade  
Address 301 Alderson City, State, Zip Code Schofield, Wisconsin, 54476  
Name of driller Paul Dickinson Cert No. 9361  
Drilling method Rotosonic Drilling fluid None Bore hole diameter 6"  
Soil sampling method Bag Depth of boring 40

## C. MONITORING WELL INSTALLATION

Casing material: PCV Sch 40 Placement method: Gravity  
Length of casing: 26.95 Quantity: 300#  
Casing diameter: 2" Backfill (if different from seal): NA  
Casing joint type: Threaded Material: NA  
Casing/screen joint type: Threaded Placement method: NA  
Screen material: PCV Sch 40 Quantity: NA  
Screen opening size: 0.010" Surface seal design: Concrete  
Screen length: 15 Material of protective casing: Steel  
Material of grout between  
protective casing and well casing: Sand and bentonite  
Depth of Well: 39 Protective cap: \_\_\_\_\_  
Filter Pack: \_\_\_\_\_ Material: Steel  
Material: Red Flint Sand Vented?:  Y  N Locking?:  Y  N  
Grain Size: #40 Well cap: \_\_\_\_\_  
Quantity: 300# Material: Plastic with rubber gasket  
Seal (minimum 3 ft. length above filter pack): \_\_\_\_\_ Vented?:  Y  N  
Material: 3/8 Bentonite Chips

## D. GROUNDWATER MEASUREMENT ( $\pm 0.01$ foot below top of inner well casing)

Water level 36.87 Stabilization time <1 hour  
Well development method purged 10 well volumes, surged periodically  
Average depth of frost line 4'

<sup>1</sup> Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirements, then 567 IAC Chapter 39 shall apply, which requires use of the Well Log (Well Record) Form, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

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**DRILLER'S CERTIFICATION**

**I certify under penalty of law I believe the information reported above is true, accurate, and complete.**

**Signature** Paul Dickinson **Certification #** 9361 **Date** 9/19/25

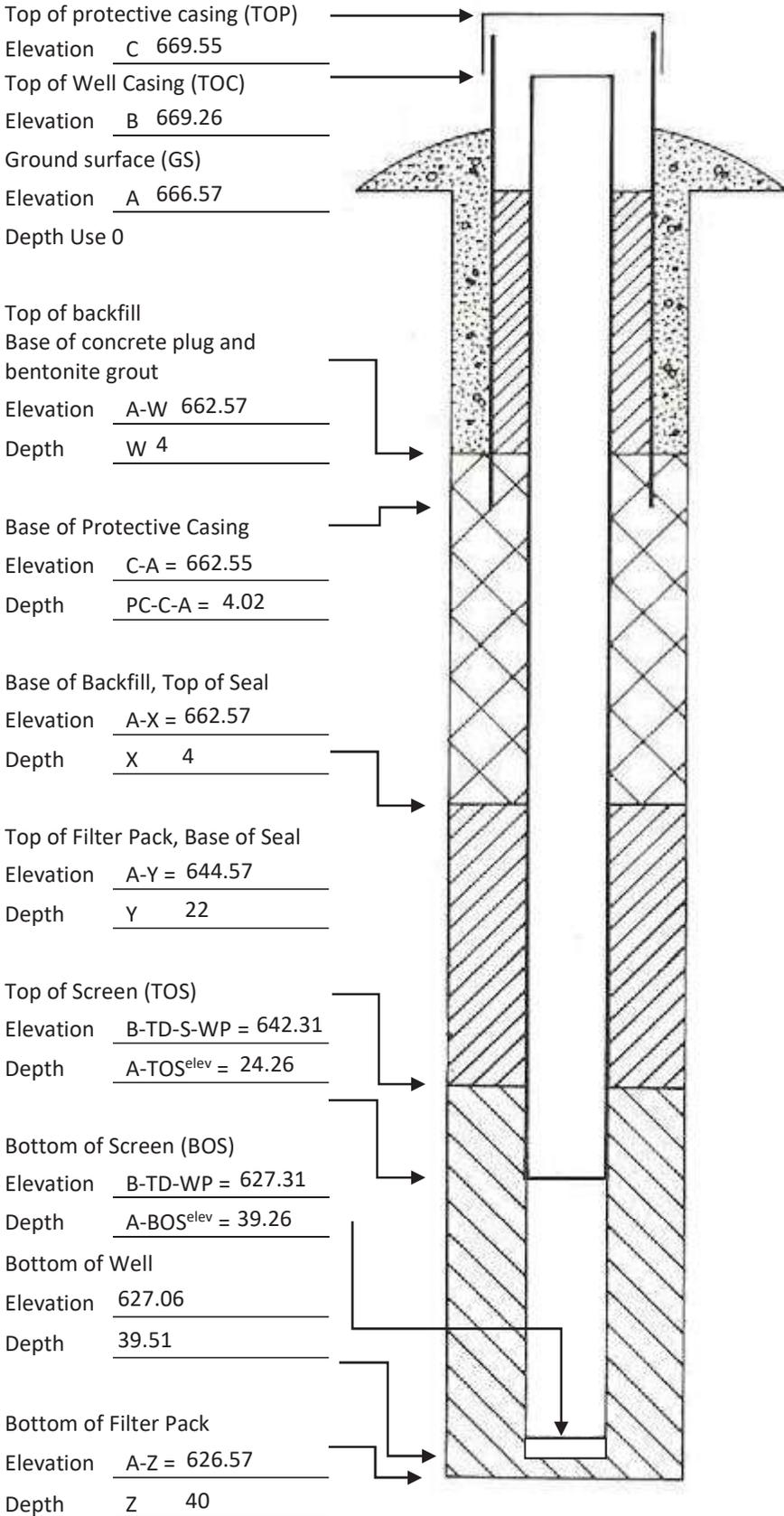
Note: Attach well log, boring log, and map showing new monitoring well/piezometer location in relation to existing wells or piezometers.

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# Well and Boring Logs

Elevations: ±0.01 ft. MSL

Depths: ±0.1 ft from Ground Surface



## Required Data:

- Elevations for A, B, and C shall be surveyed.
- Depths for W, X, Y, and Z shall be field measured following completion of each item.
- Lengths of the Protective Casing (PC), Screen (S), and Well Point (WP) shall be field measured prior to installation of each item.
- The total Depth (TD) from the Top of Well Casing to the Bottom of Well Point shall be field measured following installation.

PC: <u>7</u>	S: <u>15</u>
WP: <u>0.25</u>	TD: <u>42.20</u>

# MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL - Lansing Generating Station Permit No.: \_\_\_\_\_  
Well/Piezometer No.: MW-311 Date Started: 9/23/2025 Date Completed: 9/23/2025  
Applicable Requirements<sup>1</sup>:  567 IAC 113  567 IAC 115  Site Permit  
 567 IAC 114  567 IAC 139  Other: \_\_\_\_\_

## A. SURVEYED LOCATION<sup>2</sup> AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 657.78 Top of Protective Casing: 660.65  
Top of Well Casing: 660.15  
Site Coordinates: Northing: 3956347.52 Easting: 5541801.82  
World Coordinates: Latitude: 43°19'48.30507" Longitude: 91°10'03.30044"  
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

## B. SOIL BORING INFORMATION

Certified Well Contractor Cascade  
Address 301 Alderson City, State, Zip Code Schofield, Wisconsin, 54476  
Name of driller Paul Dickinson Cert No. 9361  
Drilling method Rotosonic Drilling fluid None Bore hole diameter 6"  
Soil sampling method Bag Depth of boring 35

## C. MONITORING WELL INSTALLATION

Casing material: PCV Sch 40 Placement method: Gravity  
Length of casing: 20.36 Quantity: 250#  
Casing diameter: 2" Backfill (if different from seal): NA  
Casing joint type: Threaded Material: NA  
Casing/screen joint type: Threaded Placement method: NA  
Screen material: PCV Sch 40 Quantity: NA  
Screen opening size: 0.010" Surface seal design: Concrete  
Screen length: 10 Material of protective casing: Steel  
Material of grout between  
protective casing and well casing: Sand and bentonite  
Depth of Well: 28 Protective cap: \_\_\_\_\_  
Filter Pack: \_\_\_\_\_ Material: Steel  
Material: Red Flint Sand Vented?:  Y  N Locking?:  Y  N  
Grain Size: #40 Well cap: \_\_\_\_\_  
Quantity: 250# Material: Plastic with rubber gasket  
Seal (minimum 3 ft. length above filter pack): 16-4 Vented?:  Y  N  
Material: 3/8 Bentonite Chips

## D. GROUNDWATER MEASUREMENT ( $\pm 0.01$ foot below top of inner well casing)

Water level 19.82 Stabilization time < 1 hr  
Well development method purged 10 well volumes, periodically surged  
Average depth of frost line 4 ft

<sup>1</sup> Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirements, then 567 IAC Chapter 39 shall apply, which requires use of the Well Log (Well Record) Form, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

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**DRILLER'S CERTIFICATION**

**I certify under penalty of law I believe the information reported above is true, accurate, and complete.**

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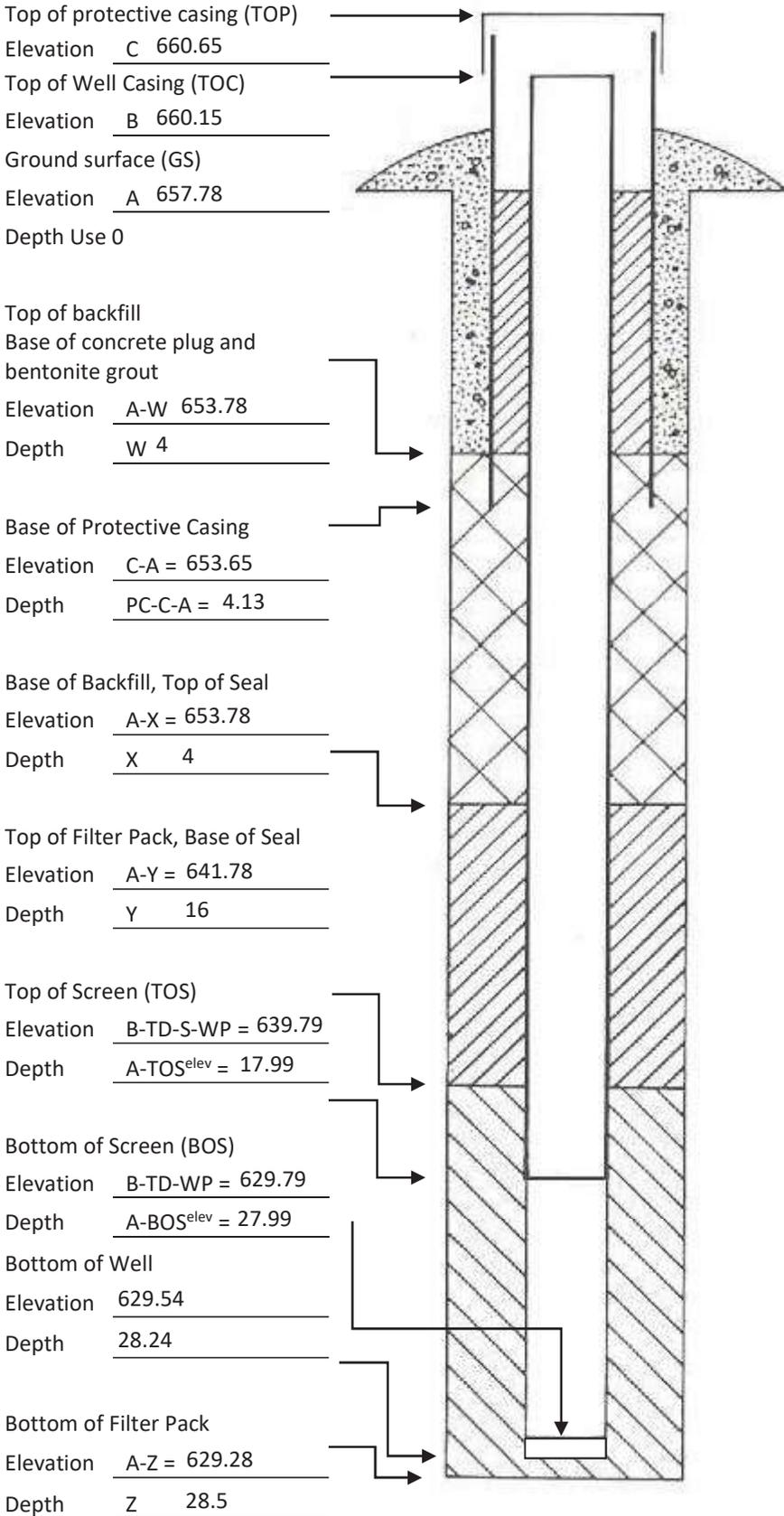
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## Well and Boring Logs

Elevations: ±0.01 ft. MSL

Depths: ±0.1 ft from Ground Surface



**Required Data:**

- Elevations for A, B, and C shall be surveyed.
- Depths for W, X, Y, and Z shall be field measured following completion of each item.
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- The total Depth (TD) from the Top of Well Casing to the Bottom of Well Point shall be field measured following installation.

PC: <u>7</u>	S: <u>10</u>
WP: <u>0.25</u>	TD: <u>30.61</u>



IOWA DEPARTMENT OF NATURAL RESOURCES

Monitoring Well/Piezometer Abandonment Form

Disposal Site Name: IPL - Lansing Generating Station Permit No.:

Well/Piezometer No.: MW-303

Applicable Requirements: [ ] 567 IAC 113 [ ] 567 IAC 139 [ ] 567 IAC 114 [ ] Site Permit [ ] 567 IAC 115 [ ] Other:

1. Location of Well

Site Coordinates: Northing: 3957857 Easting: 5541622

World Coordinates: Latitude: Longitude:

2. Well Description:

Well depth: 26 ft

Depth to water: 22.64 ft.

Well material: PVC (PVC, stainless, iron, etc.)

Well diameter: 2 in.

Year or decade constructed: 2015

Abandonment date: 9/17/2025

Abandonment method: cut PVC 30" bgs, abandoned with 50# of 3/8 Bentonite Chips (hydrated)

If plugged by owner, complete the following: I certify, under penalty of law, I believe the information reported on this form is true, accurate, and complete.

Signature of Owner

If plugged by certified well contractor, complete the following: I certify, under penalty of law, I believe the information reported on this form is true, accurate, and complete.

Signature of Contractor: [Signature] Cert No: 9361

Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at erik.day@dnr.iowa.gov.

1 Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirement, then 567 UAC Chapter 39 shall apply, which requires use of the Abandoned Water Well Plugging Record, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

2 The location does not need to be surveyed by a licensed surveyor. A handheld GPS reading accurate to +/- 30 feet is acceptable and include with this form an aerial photograph showing the location. The site coordinates should be the same coordinate system currently used for survey control and mapping of the site.