



Alliant Energy
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P.O. Box 77007
Madison, WI 53707-1007

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alliantenergy.com

May 8, 2026

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

Subject: **Surface Impoundment Cap Disturbance Documentation Report
Sixth Street Generating Station, Cedar Rapids, Iowa
Permit #57-SDP-34-04C**

Mr. Rath:

On behalf of Interstate Power and Light Company (IPL), Alliant Energy is providing the enclosed report, developed by SCS Engineers, describing disturbances to the final cover system at the former Sixth Street Generating Station CCR Surface Impoundments. The report has been developed in accordance with the Operations Plan dated July 10, 2025 and revised on October 24, 2025. The Iowa Department of Resources provided concurrence with the revised plan on October 24, 2025.

Thank you for your review of this information. If you have any questions or concerns to discuss prior to approval, please contact me via email (jeffreymaxted@alliantenergy.com) or by phone (608-458-3853).

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Maxted".

Jeff Maxted
Manager – Environmental Services and Corporate Sustainability
Alliant Energy Corporate Services, Inc.

CC: Amanda Blank, Matt Bizjack, Chad Wall – Alliant Energy
Rick Guenther, Brad Kraemer, Tom Karwoski – SCS Engineers

May 6, 2026
File No. 25225170.00

Mr. Brian L. Rath, P.E.
Land Quality Bureau
Iowa Department of Natural Resources
6200 Park Avenue, Suite 200
Des Moines, IA 50321

Subject: Documentation for Drilling Through Impoundment Cover and Cap Disturbance
Interstate Power and Light Company (IPL) – Former 6th Street Generating Station
Permit No. 57-SDP-34-04

Dear Mr. Rath:

As part of the requirements for Legacy CCR Surface Impoundments under 40 CFR 257.100, Alliant Energy advanced eight direct-push geoprobe borings, two geotechnical soil borings, and installed six monitoring wells at the former IPL 6th St. Generating Station (**Figure 1**). The borings and wells were described in our July 10, 2025, cap disturbance plan and the revised plan dated October 24, 2025. The boring and well locations are presented in **Figure 2**. SCS Engineers (SCS) observed the cap disturbance and repair activities and prepared this letter as documentation.

Borings, Well Installations, and Abandonments

In August 2025, Terracon utilized a rubber track mounted direct-push rig to limit final cover disturbance while advancing eight geoprobe borings and installing eight, 1-inch-diameter piezometer monitoring wells. Each of the piezometers that penetrated the final cover were sealed with a bentonite plug through the rooting zone and compacted clay fill section of the cover as shown on Detail 3, Sheet 3 of the July 2025 CCR Surface Impoundment Cap Disturbance Plan. The bentonite plugs are described on the abandonment forms provided in **Attachment A**.

In November 2025, Terracon utilized a low ground pressure, rubber track mounted rotary hollow stem auger drill rig to install two geotechnical soil borings with split-spoon sampling and Standard Penetration Testing (SPT) and six monitoring wells. Three protective bollards were installed at each monitoring well location using the same drill rig. Each of the monitoring wells that penetrated the final cover were sealed with a bentonite plug through the rooting zone and compacted clay fill section of the cover as shown on Detail 3, Sheet 3 of the July 2025 CCR Surface Impoundment Cap Disturbance Plan. The bentonite plugs are described on the well construction forms provided in **Attachment A**. The protective bollards were installed but did not penetrate the final cover and were finished with a concrete surface seal.

Seven of the eight 1-inch-diameter piezometer monitoring wells were abandoned by removing the well casing and backfilling the remaining borehole with bentonite. The two geotechnical borings were also abandoned by backfilling the borehole with bentonite. The bentonite backfill provides a low-permeability seal through the full depth of the final cover similar to the bentonite plug detailed in the cap disturbance plan. The bentonite plugs are described on the abandonment forms provided in **Attachment A**.



Mr. Brian L. Rath
May 6, 2026
Page 2

No CCR was exposed for more than 1 day of work while the borings and wells were installed and abandoned. No special storm water management or dust control was required.

Soil Cuttings Disposal

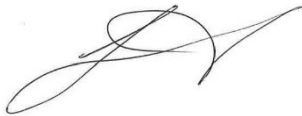
The soil cuttings generated were assumed to be CCR-impacted and containerized. GFL Environmental picked up nine 55-gallon drums from the site in late November 2025 and transported the cuttings to the landfill for disposal (**Attachment B**).

Restoration

During the work and follow up events, only very minor drill-rig and support vehicle impacts to topsoil and vegetation around the drilling locations were observed. Visual observation of the area did not reveal impacts to the underlying clay layer of the cover and no needed repairs were documented.

Please contact Jeff Maxted at 608-458-3853 if you have any questions or comments about this documentation at the Former 6th St. Generating Station.

Sincerely,



Lindsey Hawksworth
Senior Project Professional/Project Geologist
SCS Engineers



Eric Nelson, PE
Project Director
SCS Engineers

LH/AJR/BRK/TK/EJN

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

Encl. Figure 1 – Site Location Map
Figure 2 – Site Plan and Monitoring Well Locations
Attachment A – Well Construction and Abandonment Forms
Attachment B – Disposal Documentation

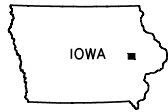
I:\25225170.00\Deliverables\Cap Disturbance Operation Plan\Cap Disturbance Documentation\2026-05-06_Rath_Cap Repair Doc Ltr_Final.docx

Figures

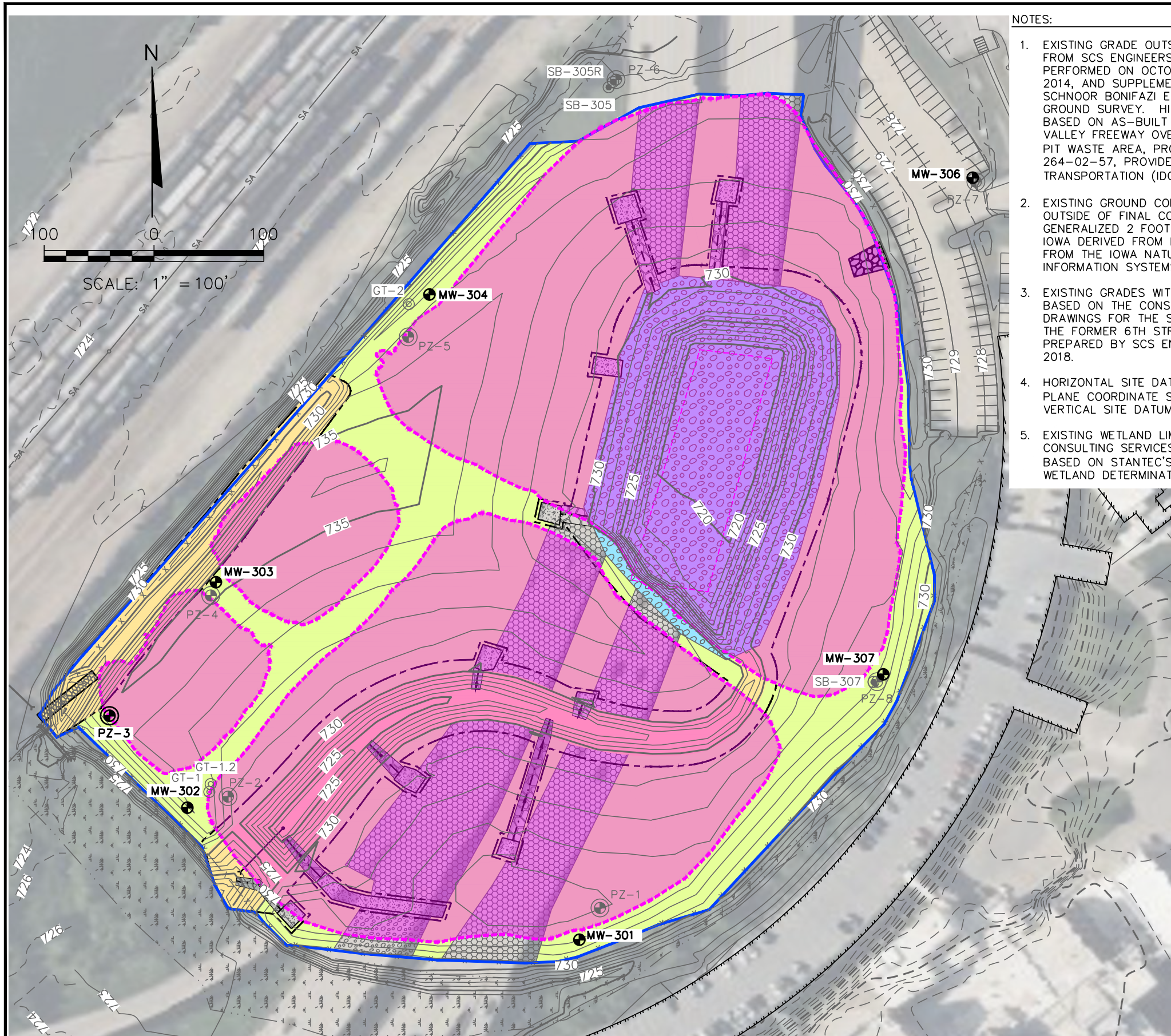
- 1 Site Location Map
- 2 Site Plan and Monitoring Well Locations



CEDAR RAPIDS SOUTH QUADRANGLE
 IOWA—LINN CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 2022
 SCALE: 1" = 2,000'



CLIENT	INTERSTATE POWER AND LIGHT CO. 200 1 ST STREET S.E. CEDAR RAPIDS, IA 52402		SITE	FORMER 6TH STREET GENERATING STATION CEDAR RAPIDS, IOWA		SITE LOCATION MAP
	PROJECT NO.	25225170.00		DRAWN BY:	KP	
DRAWN:	07/01/2025	CHECKED BY:	BAS			
REVISED:	02/03/2026	APPROVED BY:	BK 02/04/2026			



- NOTES:
- EXISTING GRADE OUTSIDE OF FINAL COVER LIMITS FROM SCS ENGINEERS GROUND SURVEYS PERFORMED ON OCTOBER 10, 2012 AND APRIL 22, 2014, AND SUPPLEMENTED WITH SEPTEMBER 1, 2011 SCHNOOR BONIFAZI ENGINEERING & SURVEY GROUND SURVEY. HIGHWAY BRIDGE FEATURES BASED ON AS-BUILT DRAWINGS FOR THE CEDAR VALLEY FREEWAY OVER CM ST. P & P RR AND ASH PIT WASTE AREA, PROJECT NO. IG-380-6(56) 264-02-57, PROVIDED BY IOWA DEPARTMENT OF TRANSPORTATION (IDOT).
 - EXISTING GROUND CONTOURS (DASHED 2' AND 10') OUTSIDE OF FINAL COVER LIMITS BASED ON GENERALIZED 2 FOOT CONTOURS OF LINN COUNTY IOWA DERIVED FROM LIDAR DATA DOWNLOADED FROM THE IOWA NATURAL RESOURCES GEOGRAPHIC INFORMATION SYSTEMS LIBRARY.
 - EXISTING GRADES WITHIN THE FINAL COVER LIMITS BASED ON THE CONSTRUCTION DOCUMENTATION DRAWINGS FOR THE SETTLING POND CLOSURE AT THE FORMER 6TH STREET GENERATING STATION PREPARED BY SCS ENGINEERS DATED OCTOBER 26, 2018.
 - HORIZONTAL SITE DATUM BASED ON IOWA STATE PLANE COORDINATE SYSTEM NAD 83 (2011). VERTICAL SITE DATUM REFERENCED TO NAVD 88.
 - EXISTING WETLAND LIMITS PROVIDED BY STANTEC CONSULTING SERVICES, INC. WETLAND LIMITS ARE BASED ON STANTEC'S OCTOBER 19, 2012 ON-SITE WETLAND DETERMINATION.
 - AERIAL IMAGE FROM BING MAPS USING CIVIL 3D.
 - GEOPROBE/1" DIAMETER TEMPORARY MONITORING WELLS (PIEZOMETERS) GP-1/PZ-1 THRU GP-8/PZ-8 DRILLED/INSTALLED BY TERRACON ON AUG. 4-5, 2025.
 - PZ-1 THRU PZ-8 SURVEYED BY MOHN SURVEYING ON AUG. 27, 2025.
 - EXISTING PZ-3 TO REMAIN AS WATER LEVEL ONLY WELLS FOR INDEFINITE PERIOD OF TIME.
 - PROPOSED GEOTECHNICAL SOIL BORINGS AND 2" DIAMETER MONITORING WELLS MW-301, MW-302, MW-303, MW-304, MW-306, AND MW-307 DRILLED/INSTALLED BY TERRACON NOVEMBER 10-13 2025.
 - MW-305 WAS NOT INSTALLED AFTER TWO SOIL BORINGS BOTH RESULTED IN THE PRESENCE OF A MATERIAL WITH A PETROLEUM ODOR AND IRIDESCENT SHEEN. THE SAME OCCURRED AT MW-307, BUT MOVING THE WELL WEST OF THE ORIGINALLY STAKED LOCATION PRODUCED A CLEAN BORING.
 - MONITORING WELLS SURVEYED BY MOHN SURVEYING ON JANUARY 20, 2025

LEGEND

	EXISTING GRADE (1' CONTOUR)
	EXISTING GRADE (5' CONTOUR)
	EXISTING GRADE (2' CONTOUR)
	EXISTING GRADE (10' CONTOUR)
	EXISTING WETLAND
	EXISTING CHAIN LINK FENCE
	EXISTING GEOPROBE SOIL BORING/1" DIAMETER MONITORING WELL (PIEZOMETER) WATER LEVEL ONLY
	EXISTING SOIL BORING
	LIMITS OF LAMINATED GEOSYNTHETIC CLAY LINER (GCL)
	SOIL FINAL COVER AREA
	POND FINAL COVER AREA
	SWALE FINAL COVER AREA
	LIMITS OF FINAL COVER
	APPROXIMATE LIMIT OF SETTLING PONDS PRIOR TO FINAL COVER CONSTRUCTION
	ABANDONED 1" DIAMETER MONITORING WELL (PIEZOMETER)
	EXISTING 2" DIAMETER MONITORING WELL
	GEOTECHNICAL SOIL BORING

PROJECT NO. 25225170.00	DRAWN BY: RVG	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT INTERSTATE POWER AND LIGHT CO. 200 1 ST STREET S.E. CEDAR RAPIDS, IA 52402	SITE FORMER 6TH STREET GENERATING STATION CEDAR RAPIDS, IOWA	SITE PLAN	FIGURE 2	
DRAWN: 10/15/2025	CHECKED BY: BRK/BSS/BAS						
REVISED: 01/23/2026	APPROVED BY: BRK 01/23/2026						

Attachment A

Well Construction and Abandonment Forms

MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01
Well/Piezometer No.: MW-301 Date Started: 11/11/2025 Date Completed: 11/13/2025
Applicable Requirements¹: 567 IAC 113 567 IAC 115 Site Permit
 567 IAC 114 567 IAC 139 Other: _____

A. SURVEYED LOCATION² AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 733.40 Top of Protective Casing: 736.74
Top of Well Casing: 736.37
Site Coordinates: Northing: 3463306.79 Easting: 5420957.54
World Coordinates: Latitude: 41°59'08.91196"N Longitude: 91°39'42.88509"W
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

B. SOIL BORING INFORMATION

Certified Well Contractor Terracon
Address 2640 12th St SW City, State, Zip Code Cedar Rapids, Iowa, 52404
Name of driller Scott Zeien Cert No. 5978
Drilling method SPT Auger Drilling fluid none Bore hole diameter 4.25"
Soil sampling method bag (SPT) Depth of boring 26'

C. MONITORING WELL INSTALLATION

Casing material: Sch 40 PVC Placement method: gravity
Length of casing: 17.03 Quantity: 200#
Casing diameter: 2" Backfill (if different from seal): --
Casing joint type: threaded twist Material: --
Casing/screen joint type: threaded twist Placement method: --
Screen material: Sch 40 PVC Quantity: --
Screen opening size: 0.010" Surface seal design: concrete
Screen length: 10 Material of protective casing: steel
Material of grout between
Depth of Well: 24' protective casing and well casing: sand and bentonite
Filter Pack: 25'-12' Protective cap: _____
Material: BMC Industrial Sand, Coarse Grade Material: steel
Grain Size: #30 Vented?: Y N Locking?: Y N
Quantity: 500# Well cap: _____
Seal (minimum 3 ft. length above filter pack): 12'-3' Material: plastic with rubber gasket
Material: 3/8 Bentonite Chips Vented?: Y N

D. GROUNDWATER MEASUREMENT (± 0.01 foot below top of inner well casing)

Water level 17.23 Stabilization time 15 minutes
Well development method purged 3 well volumes
Average depth of frost line 4'

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 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.

² 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  Certification # 5978 Date 1-29-2026

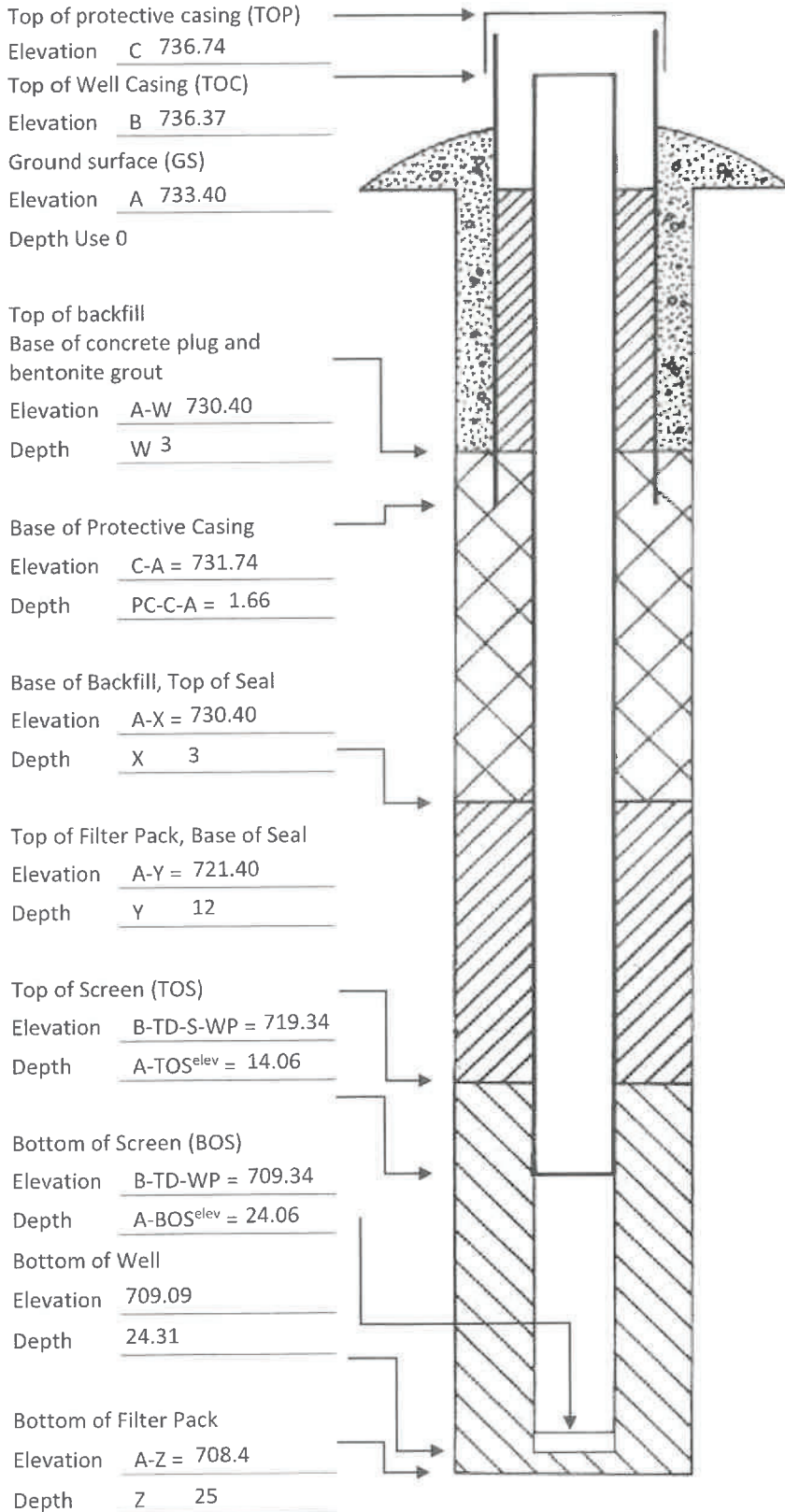
Note: Attach well log, boring log, and map showing new monitoring well/piezometer location in relation to existing wells or piezometers.

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. 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: 5' S: 10'
WP: 0.25' TD: 27.28

MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01
Well/Piezometer No.: MW-302 Date Started: 11/11/2025 Date Completed: 11/13/2025
Applicable Requirements¹: 567 IAC 113 567 IAC 115 Site Permit
 567 IAC 114 567 IAC 139 Other: _____

A. SURVEYED LOCATION² AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 732.61 Top of Protective Casing: 735.90
Top of Well Casing: 735.45
Site Coordinates: Northing: 3463423.95 Easting: 5420606.74
World Coordinates: Latitude: 41°59'10.14440"N Longitude: 91°39'47.49521"W
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

B. SOIL BORING INFORMATION

Certified Well Contractor Terracon
Address 2640 12th St SW City, State, Zip Code Cedar Rapids, Iowa, 52404
Name of driller Scott Zeien Cert No. 5978
Drilling method SPT Auger Drilling fluid none Bore hole diameter 4.25"
Soil sampling method bag (SPT) Depth of boring 23'

C. MONITORING WELL INSTALLATION

Casing material: Sch 40 PVC Placement method: gravity
Length of casing: 14.70 Quantity: 200#
Casing diameter: 2" Backfill (if different from seal): --
Casing joint type: threaded twist Material: --
Casing/screen joint type: threaded twist Placement method: --
Screen material: Sch 40 PVC Quantity: --
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: 22' Protective cap: _____
Filter Pack: 23'-10' Material: steel
Material: BMC Industrial Sand, Coarse Grade Vented?: Y N Locking?: Y N
Grain Size: #30 Well cap: _____
Quantity: 500# Material: plastic with rubber gasket
Seal (minimum 3 ft. length above filter pack): 10'-3' Vented?: Y N
Material: 3/8 Bentonite Chips

D. GROUNDWATER MEASUREMENT (±0.01 foot below top of inner well casing)

Water level 16.68 Stabilization time 15 minutes
Well development method attempted to purge 3 well volumes - well went dry, purged 8 gallons over three time intervals
Average depth of frost line 4'

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 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

Scott Zeon

Certification # 5978

Date 1-29-2026

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. DNR prefers that the forms be completed and submitted electronically.

MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01
Well/Piezometer No.: MW-303 Date Started: 11/11/2025 Date Completed: 11/13/2025
Applicable Requirements¹: 567 IAC 113 567 IAC 115 Site Permit
 567 IAC 114 567 IAC 139 Other: _____

A. SURVEYED LOCATION² AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 735.20 Top of Protective Casing: 738.37
Top of Well Casing: 738.01
Site Coordinates: Northing: 3463611.72 Easting: 5420595.6
World Coordinates: Latitude: 41°59'12.00129"N Longitude: 91°39'47.58866"W
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

B. SOIL BORING INFORMATION

Certified Well Contractor Terracon
Address 2640 12th St SW City, State, Zip Code Cedar Rapids, Iowa, 52404
Name of driller Scott Zeien Cert No. 5978
Drilling method SPT Auger Drilling fluid none Bore hole diameter 4.25"
Soil sampling method bag (SPT) Depth of boring 30'

C. MONITORING WELL INSTALLATION

Casing material: Sch 40 PVC Placement method: gravity
Length of casing: 18.30 Quantity: 250#
Casing diameter: 2" Backfill (if different from seal): --
Casing joint type: threaded twist Material: --
Casing/screen joint type: threaded twist Placement method: --
Screen material: Sch 40 PVC Quantity: --
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: 26' Protective cap: _____
Filter Pack: 26'-14' Material: steel
Material: BMC Industrial Sand, Coarse Grade Vented?: Y N Locking?: Y N
Grain Size: #30 Well cap: _____
Quantity: 500# Material: plastic with rubber gasket
Seal (minimum 3 ft. length above filter pack): 14'-3' Vented?: Y N
Material: 3/8 Bentonite Chips

D. GROUNDWATER MEASUREMENT (±0.01 foot below top of inner well casing)

Water level 20.33 Stabilization time 32 minutes
Well development method purged 3 well volumes - well went dry, purged 30 gallons over two time intervals
Average depth of frost line 4'

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 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.

² 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

Scott Zia

Certification # 5978

Date 1-29-2026

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

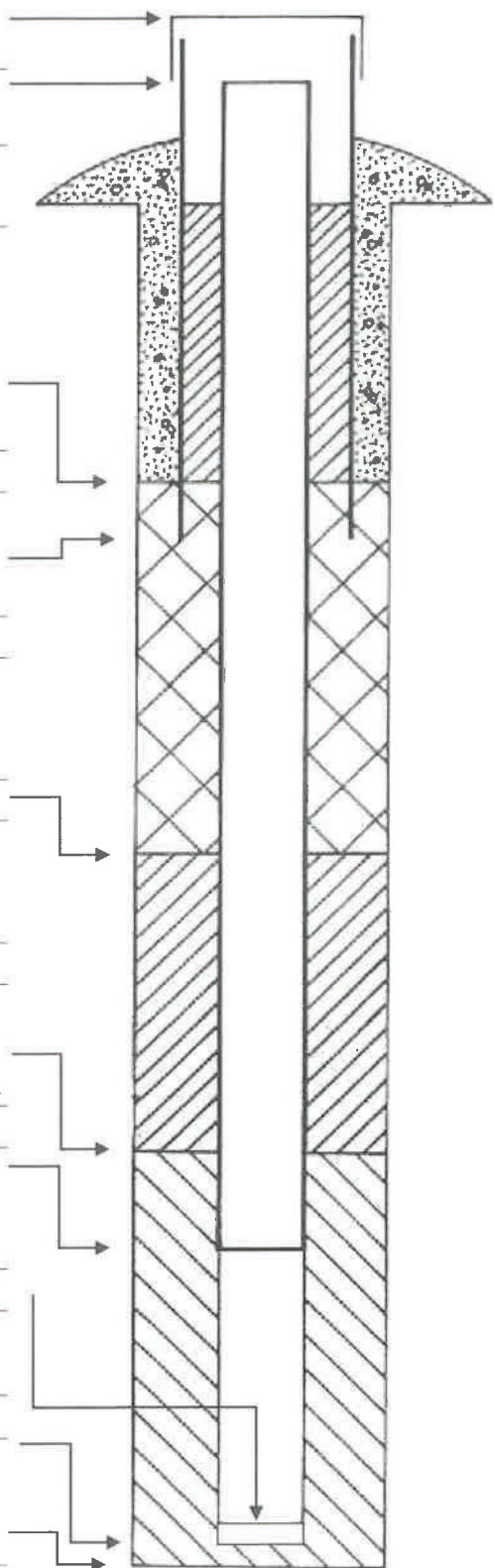
Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at erik.day@dnr.iowa.gov. DNR prefers that the forms be completed and submitted electronically.

Well and Boring Logs

Elevations: ±0.01 ft. MSL

Depths: ±0.1 ft from Ground Surface

Top of protective casing (TOP)	→	
Elevation	C	738.37
Top of Well Casing (TOC)	→	
Elevation	B	738.01
Ground surface (GS)		
Elevation	A	735.20
Depth Use 0		
Top of backfill		
Base of concrete plug and bentonite grout	→	
Elevation	A-W	732.2
Depth	W	3
Base of Protective Casing	→	
Elevation	C-A	= 733.37
Depth	PC-C-A	= 1.83
Base of Backfill, Top of Seal	→	
Elevation	A-X	= 732.2
Depth	X	3
Top of Filter Pack, Base of Seal	→	
Elevation	A-Y	= 721.2
Depth	Y	14
Top of Screen (TOS)	→	
Elevation	B-TD-S-WP	= 719.71
Depth	A-TOS ^{elev}	= 15.49
Bottom of Screen (BOS)	→	
Elevation	B-TD-WP	= 709.71
Depth	A-BOS ^{elev}	= 25.49
Bottom of Well	→	
Elevation		709.26
Depth		25.74
Bottom of Filter Pack	→	
Elevation	A-Z	= 709.20
Depth	Z	26



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: 5'	S: 10'
WP: 0.25'	TD: 28.55

MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01
Well/Piezometer No.: MW-304 Date Started: 11/11/2025 Date Completed: 11/13/2025
Applicable Requirements¹: 567 IAC 113 567 IAC 115 Site Permit
 567 IAC 114 567 IAC 139 Other: _____

A. SURVEYED LOCATION² AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 733.06 Top of Protective Casing: 736.42
Top of Well Casing: 735.97
Site Coordinates: Northing: 3463865.95 Easting: 5420773.81
World Coordinates: Latitude: 41°59'14.47393"N Longitude: 91°39'45.15636"W
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

B. SOIL BORING INFORMATION

Certified Well Contractor Terracon
Address 2640 12th St SW City, State, Zip Code Cedar Rapids, Iowa, 52404
Name of driller Scott Zeien Cert No. 5978
Drilling method SPT Auger Drilling fluid none Bore hole diameter 4.25"
Soil sampling method bag (SPT) Depth of boring 24'

C. MONITORING WELL INSTALLATION

Casing material: Sch 40 PVC Placement method: gravity
Length of casing: 15.08 Quantity: 200#
Casing diameter: 2" Backfill (if different from seal): --
Casing joint type: threaded twist Material: --
Casing/screen joint type: threaded twist Placement method: --
Screen material: Sch 40 PVC Quantity: --
Screen opening size: 0.010" Surface seal design: concrete
Screen length: 10 Material of protective casing: steel
Material of grout between
Depth of Well: 23' protective casing and well casing: sand and bentonite
Filter Pack: 24'-11' Protective cap: _____
Material: BMC Industrial Sand, Coarse Grade Material: steel
Grain Size: #30 Vented?: Y N Locking?: Y N
Quantity: 500# Well cap: _____
Seal (minimum 3 ft. length above filter pack): 11'-3' Material: plastic with rubber gasket
Material: 3/8 Bentonite Chips Vented?: Y N

D. GROUNDWATER MEASUREMENT (±0.01 foot below top of inner well casing)

Water level 18.96 Stabilization time 10 minutes
Well development method purged 3 well volumes
Average depth of frost line 4'

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 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 Scott Zeien Certification # 5978 Date 1-29-2026

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

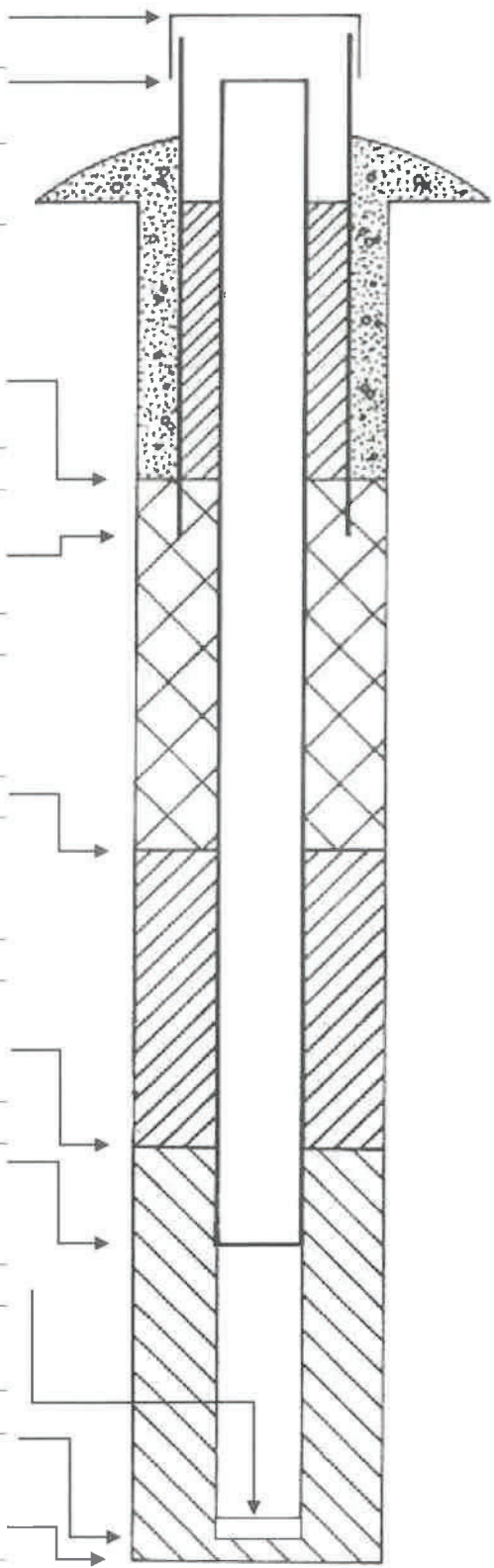
Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at erik.day@dnr.iowa.gov. DNR prefers that the forms be completed and submitted electronically.

Well and Boring Logs

Elevations: ± 0.01 ft. MSL

Depths: ± 0.1 ft from Ground Surface

Top of protective casing (TOP)	→	
Elevation	<u>C</u>	<u>736.42</u>
Top of Well Casing (TOC)	→	
Elevation	<u>B</u>	<u>735.97</u>
Ground surface (GS)		
Elevation	<u>A</u>	<u>733.06</u>
Depth Use 0		
Top of backfill		
Base of concrete plug and bentonite grout	→	
Elevation	<u>A-W</u>	<u>730.06</u>
Depth	<u>W</u>	<u>3</u>
Base of Protective Casing	→	
Elevation	<u>C-A</u>	<u>= 731.42</u>
Depth	<u>PC-C-A</u>	<u>= 1.64</u>
Base of Backfill, Top of Seal		
Elevation	<u>A-X</u>	<u>= 730.06</u>
Depth	<u>X</u>	<u>3</u>
Top of Filter Pack, Base of Seal		
Elevation	<u>A-Y</u>	<u>= 722.06</u>
Depth	<u>Y</u>	<u>11</u>
Top of Screen (TOS)	→	
Elevation	<u>B-TD-S-WP</u>	<u>= 720.89</u>
Depth	<u>A-TOS^{elev}</u>	<u>= 12.17</u>
Bottom of Screen (BOS)	→	
Elevation	<u>B-TD-WP</u>	<u>= 710.89</u>
Depth	<u>A-BOS^{elev}</u>	<u>= 22.17</u>
Bottom of Well		
Elevation	<u>710.64</u>	
Depth	<u>22.42</u>	
Bottom of Filter Pack	→	
Elevation	<u>A-Z</u>	<u>= 709.06</u>
Depth	<u>Z</u>	<u>24</u>



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>5'</u>	S: <u>10'</u>
WP: <u>0.25'</u>	TD: <u>25.33</u>

MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01
Well/Piezometer No.: MW-306 Date Started: 11/11/2025 Date Completed: 11/13/2025
Applicable Requirements¹: 567 IAC 113 567 IAC 115 Site Permit
 567 IAC 114 567 IAC 139 Other: _____

A. SURVEYED LOCATION² AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 727.44 Top of Protective Casing: 730.72
Top of Well Casing: 730.36
Site Coordinates: Northing: 3463986.77 Easting: 5421295.09
World Coordinates: Latitude: 41°59'15.55522"N Longitude: 91°39'38.22079"W
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

B. SOIL BORING INFORMATION

Certified Well Contractor Terracon
Address 2640 12th St SW City, State, Zip Code Cedar Rapids, Iowa, 52404
Name of driller Scott Zeien Cert No. 5978
Drilling method SPT Auger Drilling fluid none Bore hole diameter 4.25"
Soil sampling method bag (SPT) Depth of boring 18'

C. MONITORING WELL INSTALLATION

Casing material: Sch 40 PVC Placement method: gravity
Length of casing: 9.48 Quantity: 300#
Casing diameter: 2" Backfill (if different from seal): --
Casing joint type: threaded twist Material: --
Casing/screen joint type: threaded twist Placement method: --
Screen material: Sch 40 PVC Quantity: --
Screen opening size: 0.010" Surface seal design: concrete
Screen length: 10 Material of protective casing: steel
Material of grout between
Depth of Well: 17' protective casing and well casing: sand and bentonite
Filter Pack: 18'-5' Protective cap: _____
Material: BMC Industrial Sand, Coarse Grade Material: steel
Grain Size: #30 Vented?: Y N Locking?: Y N
Quantity: 500# Well cap: _____
Seal (minimum 3 ft. length above filter pack): 5-2' Material: plastic with rubber gasket
Material: 3/8 Bentonite Chips Vented?: Y N

D. GROUNDWATER MEASUREMENT (±0.01 foot below top of inner well casing)

Water level 12.22 Stabilization time 11 minutes
Well development method attempted to purge 3 well volumes - well went dry, purged 11 gallons
Average depth of frost line 4'

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 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.

² 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

Scott Zinn

Certification #

5978

Date

1-29-2026

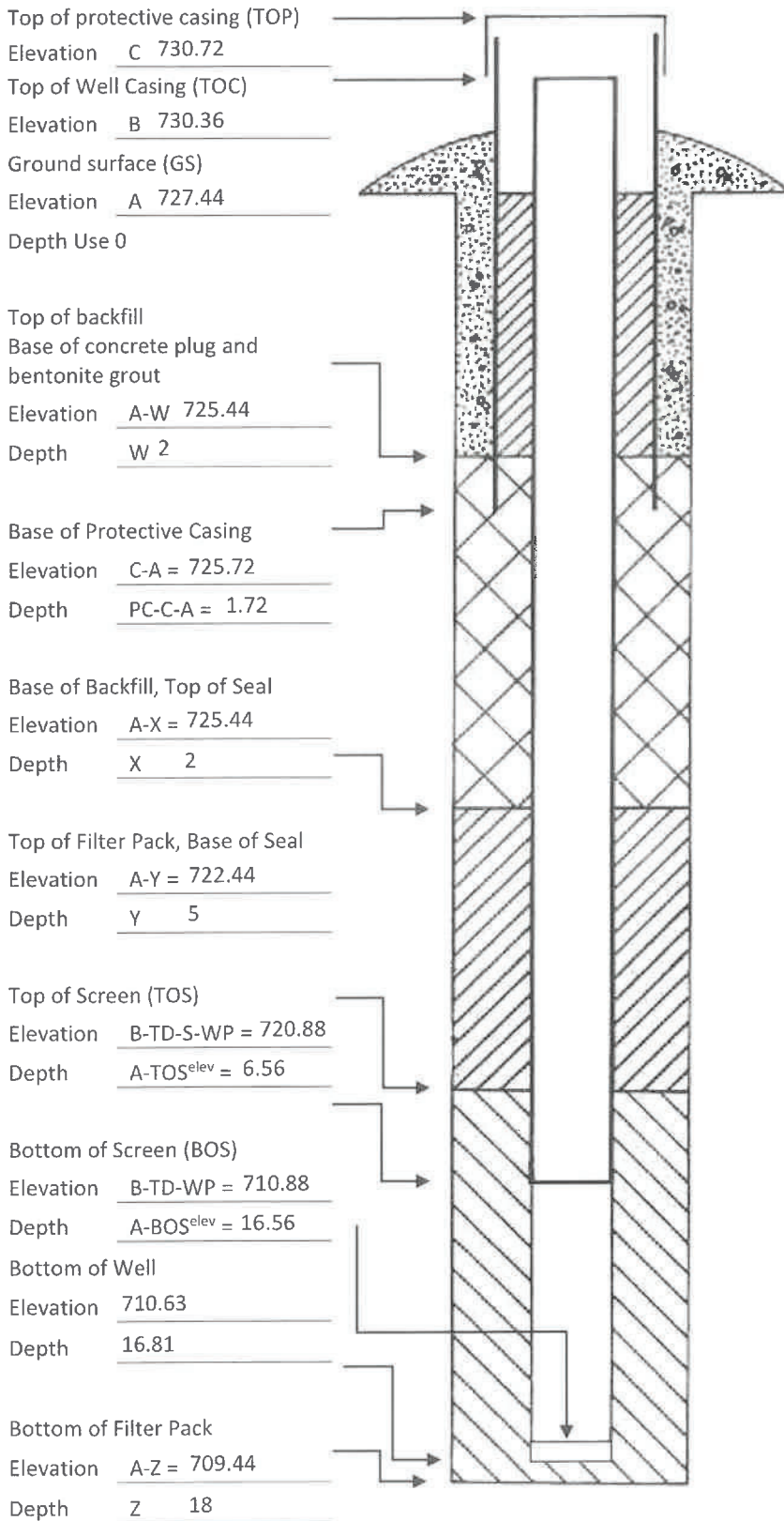
Note: Attach well log, boring log, and map showing new monitoring well/piezometer location in relation to existing wells or piezometers.

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. 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>5'</u>	S: <u>10'</u>
WP: <u>0.25'</u>	TD: <u>19.73</u>

MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01
Well/Piezometer No.: MW-307 Date Started: 11/12/2025 Date Completed: 11/13/2025
Applicable Requirements¹: 567 IAC 113 567 IAC 115 Site Permit
 567 IAC 114 567 IAC 139 Other: _____

A. SURVEYED LOCATION² AND ELEVATION OF POINT

Elevations (MSL): Ground Surface: 732.06 Top of Protective Casing: 735.23
Top of Well Casing: 734.71
Site Coordinates: Northing: 3463505.9 Easting: 5421196.9
World Coordinates: Latitude: 41°59'10.82704"N Longitude: 91°39'39.65914"W
Elevation and Coordinate Systems: IA North (4803) / NAVD '88 GEOID 18

B. SOIL BORING INFORMATION

Certified Well Contractor Terracon
Address 2640 12th St SW City, State, Zip Code Cedar Rapids, Iowa, 52404
Name of driller Scott Zeien Cert No. 5978
Drilling method SPT Auger Drilling fluid none Bore hole diameter 4.25"
Soil sampling method bag (SPT) Depth of boring 24'

C. MONITORING WELL INSTALLATION

Casing material: Sch 40 PVC Placement method: gravity
Length of casing: 13.46 Quantity: 400#
Casing diameter: 2" Backfill (if different from seal): --
Casing joint type: threaded twist Material: --
Casing/screen joint type: threaded twist Placement method: --
Screen material: Sch 40 PVC Quantity: --
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: 21' Protective cap: _____
Filter Pack: 22-9' Material: steel
Material: BMC Industrial Sand, Coarse Grade Vented?: Y N Locking?: Y N
Grain Size: #30 Well cap: _____
Quantity: 500# Material: plastic with rubber gasket
Seal (minimum 3 ft. length above filter pack): 9-3' Vented?: Y N
Material: 3/8 Bentonite Chips

D. GROUNDWATER MEASUREMENT (± 0.01 foot below top of inner well casing)

Water level 14.63 Stabilization time 13 minutes
Well development method purged 3 well volumes
Average depth of frost line 4'

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 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.

² 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

Scott Beer

Certification # 5978

Date 1-29-2026

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. 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

Top of protective casing (TOP)
Elevation C 735.23

Top of Well Casing (TOC)
Elevation B 734.71

Ground surface (GS)
Elevation A 732.06

Depth Use 0

Top of backfill
Base of concrete plug and bentonite grout
Elevation A-W 729.06
Depth W 3

Base of Protective Casing
Elevation C-A = 730.23
Depth PC-C-A = 1.83

Base of Backfill, Top of Seal
Elevation A-X = 729.06
Depth X 3

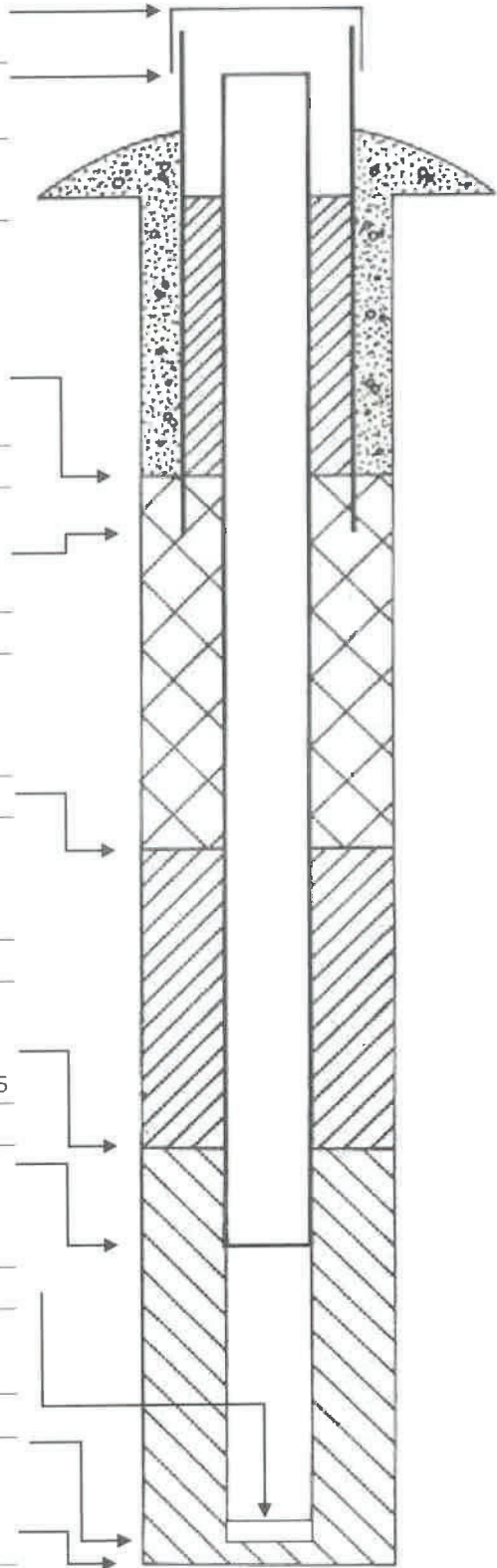
Top of Filter Pack, Base of Seal
Elevation A-Y = 723.06
Depth Y 9

Top of Screen (TOS)
Elevation B-TD-S-WP = 721.25
Depth A-TOS^{elev} = 10.81

Bottom of Screen (BOS)
Elevation B-TD-WP = 711.25
Depth A-BOS^{elev} = 20.81

Bottom of Well
Elevation 711.00
Depth 21.06

Bottom of Filter Pack
Elevation A-Z = 710.06
Depth Z 22



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: 5' S: 10'
WP: 0.25' TD: 23.71



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: PZ-1

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3463323.06 Easting: 5420952.17

World Coordinates: Latitude: 41.9858538353 Longitude: -91.6619309701

2. Well Description:

Well depth: 15.29 ft

Depth to water: 15.06 ft

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

Well diameter: 1 in.

Year or decade constructed: 2025

Abandonment date: 11/10/2025

Abandonment method: granular bentonite (17#), PVC casing and screen removed

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: 5978

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.



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: PZ-2

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3463424.36 Easting: 5420613.52

World Coordinates: Latitude: 41.986152 Longitude: -91.663168

2. Well Description:

Well depth: 15.14 ft
 Depth to water: 13.26 ft.
 Well material: PVC (PVC, stainless, iron, etc.)
 Well diameter: 1 in.
 Year or decade constructed: 2025
 Abandonment date: 11/10/2025
 Abandonment method: granular bentonite (17#), PVC casing and screen removed

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: *Scott Zeman* Cert No: 5978

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.



IOWA DEPARTMENT OF NATURAL RESOURCES

Monitoring Well/Piezometer Abandonment Form

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: PZ-4

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

1. Location of Well

Site Coordinates: Northing: 3463607.52 Easting: 5420597.9 World Coordinates: Latitude: 41.986655 Longitude: -91.663211

2. Well Description:

Well depth: 20.54 ft Depth to water: 17.74 ft Well material: PVC (PVC, stainless, iron, etc.) Well diameter: 1 in. Year or decade constructed: 2025 Abandonment date: 11/10/2025 Abandonment method: granular bentonite (23#), PVC casing and screen removed

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: 5978

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.



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: PZ-5

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3463842.91 Easting: 5420077.6
 World Coordinates: Latitude: 41.987290 Longitude: -91.662531

2. Well Description:

Well depth: 15.06 ft
 Depth to water: 14.83 ft.
 Well material: PVC (PVC, stainless, iron, etc.)
 Well diameter: 1 in.
 Year or decade constructed: 2025
 Abandonment date: 11/10/2025
 Abandonment method: granular bentonite (17#), PVC casing and screen removed

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: 5978

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.



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: PZ-6

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3464077.16 Easting: 5420966.74

World Coordinates: Latitude: 41.987922 Longitude: -91.661817

2. Well Description:

Well depth: 15.21 ft
 Depth to water: 11.07 ft.
 Well material: PVC (PVC, stainless, iron, etc.)
 Well diameter: 1 in.
 Year or decade constructed: 2025
 Abandonment date: 11/10/2025
 Abandonment method: granular bentonite (17#), PVC casing and screen removed

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: 5978

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.



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: PZ-8

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3463529.02 Easting: 5421204.54

World Coordinates: Latitude: 41.986404 Longitude: -91.660986

2. Well Description:

Well depth: 15.28 ft

Depth to water: 12.72 ft.

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

Well diameter: 1 in.

Year or decade constructed: 2025

Abandonment date: 11/10/2025

Abandonment method: granular bentonite (17#), pulled PVC casing and screen

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: *Scott Zier* Cert No: 5978

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.



Monitoring Well/Piezometer Abandonment Form

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: SP-305

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3464070.230 Easting: 5420960.081

World Coordinates: Latitude: 41.98790319 Longitude: -91.66184213

2. Well Description:

Well depth: 16 ft

Depth to water: 12 ft.

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

Well diameter: 4.25 in.

Year or decade constructed: 2025

Abandonment date: 11/11/2025

Abandonment method: 3/8 Bentonite chips (200#), 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: 5978

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.



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: SP-307

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3463528.744 Easting: 5421201.19

World Coordinates: Latitude: 41.98640326 Longitude: -91.660998804

2. Well Description:

Well depth: 22 ft

Depth to water: 16 ft.

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

Well diameter: 4.25 in.

Year or decade constructed: 2025

Abandonment date: 11/11/2025

Abandonment method: 3/8 Bentonite chips (200#), 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: *Scott Beier* Cert No: 5978

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.



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: _____

Well/Piezometer No.: GT-1

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3463428.714 Easting: 5420596.570

World Coordinates: Latitude: 41.9861649 Longitude: -91.663230128

2. Well Description:

Well depth: 71 ft

Depth to water: 12 ft.

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

Well diameter: 4.25 in.

Year or decade constructed: 2025

Abandonment date: 11/12/2025

Abandonment method: 150# 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: Scott Beien Cert No: 5978

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.



Monitoring Well/Piezometer Abandonment Form

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: _____

Well/Piezometer No.: GT-2

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3463872.733 Easting: 5420778.133

World Coordinates: Latitude: 41.98737222 Longitude: -91.66252699

2. Well Description:

Well depth: 71 ft

Depth to water: 12 ft.

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

Well diameter: 4.25 in.

Year or decade constructed: 2025

Abandonment date: 11/12/2025

Abandonment method: 100# 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: *Scott Beier* Cert No: 5978

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.



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: PZ-7

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3463984.11 Easting: 5421294.45

World Coordinates: Latitude: 41.987647 Longitude: -91.660619

2. Well Description:

Well depth: 14.97 ft
 Depth to water: 9.52 ft.
 Well material: PVC (PVC, stainless, iron, etc.)
 Well diameter: 1 in.
 Year or decade constructed: 2025
 Abandonment date: 11/12/2025
 Abandonment method: granular bentonite (17#), pulled PVC casing and screen

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: *Scott Zeien* Cert No: 5978

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.



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

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.: PWTS#224069-01

Well/Piezometer No.: SP-305R

Applicable Requirements¹: 567 IAC 113 567 IAC 139
 567 IAC 114 Site Permit
 567 IAC 115 Other: _____

1. Location of Well²

Site Coordinates: Northing: 3464075.078 Easting: 5420964.118
 World Coordinates: Latitude: 41.98791625 Longitude: -91.6618269


2. Well Description:

Well depth: 18 ft
 Depth to water: 12 ft.
 Well material: soil boring (PVC, stainless, iron, etc.)
 Well diameter: 4.25 in.
 Year or decade constructed: 2025
 Abandonment date: 11/12/2025
 Abandonment method: 200# 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: 5978

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.



IOWA DEPARTMENT OF NATURAL RESOURCES

Monitoring Well/Piezometer Abandonment Form

Disposal Site Name: IPL 6th Street Legacy CCR Permit No.:

Well/Piezometer No.: GT-1.2 (Blind)

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

1. Location of Well

Site Coordinates: Northing: 3463435.885 Easting: 5420597.804
World Coordinates: Latitude: 41.9861845 Longitude: -91.66322502

2. Well Description:

Well depth: 26 ft
Depth to water: 12 ft.
Well material: soil boring (PVC, stainless, iron, etc.)
Well diameter: 4.25 in.
Year or decade constructed: 2025
Abandonment date: 11/13/2025
Abandonment method: 30# 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: Scott Zion Cert No: 5978

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.

Attachment B
Disposal Documentation

NON-HAZARDOUS WASTE MANIFEST

W3921747



Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. IAD063239313		Manifest Document No 11202502BT	2. Page 1
3. Generator's Name and Mailing Address INTERSTATE POWER & LIGHT - SCS ENGINEERS 302 COE RD NE CEDAR RAPIDS, IA 52402					
4. Generator's Phone					
5. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA, LLC		6. US EPA ID Number ILD984831396		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
				C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address GFL ENVIRONMENTAL SERVICES USA, LLC 912 TESCH CT WAUKESHA, WI 53186		10. US EPA ID Number WIR000147397		E. State Facility's ID	
				F. Facility's Phone (262) 278-4870	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt /Vol.
a. NON-HAZARDOUS SOLIDS (SOIL CUTTINGS)			No. 9	Type DM	495 G
b. NON-HAZARDOUS, GROUND WATER				DM	G
c.					
d.					
G. Additional Descriptions for Materials Listed Above 9b1- 6717-LF-10-8027 - SOIL WASTI 9b2- 6717-WPC-10-8178 - GROUND			H. Handling Codes for Wastes Listed Above OSI JOB # E102938		
15. Special Handling Instructions and Additional Information PICK UP (9) SOIL DRUMS ON SITE AT 9AM - CHAD WALL					
1 @ 500					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name Chad Wall for SCS Engrs.				Signature Chad D Wall	
				Date 11 21 25	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name William Soss				Signature William Soss	
				Date 11 21 25	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name				Signature	
				Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19					
Printed/Typed Name				Signature	
				Date	

GENERATOR

TRANSPORTER

FACILITY

90
185