

MONITORING WELL / PIEZOMETER CONSTRUCTION DOCUMENTATION FORM

Disposal Site Name: Cedar Rapids Water Pollution Control Permit No.: 57-SDP-07-85P
Well/Piezometer No.: MW-24RI Date Started: 4/11/2025 Date Completed: 4/11/2025
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: 718.27 ft. Top of Protective Casing: _____
Top of Well Casing: 720.27 ft.
Site Coordinates: Northing: _____ Easting: _____
World Coordinates: Latitude: 41.9572953 Longitude: -91.5606433
Elevation and Coordinate Systems: Decimal Degrees

B. SOIL BORING INFORMATION

Certified Well Contractor Northway Well and Pump Company
Address 4895 8th Ave City, State, Zip Code Marion, Iowa 52302
Name of driller Pat Grau Cert No. 7252
Drilling method Cable Drilling fluid _____ Bore hole diameter 6 5/8"
Soil sampling method _____ Depth of boring 26.3'

C. MONITORING WELL INSTALLATION

Casing material: PVC Placement method: Measured
Length of casing: 18.3' Quantity: 150#
Casing diameter: 2" Backfill (if different from seal): _____
Casing joint type: threaded Material: _____
Casing/screen joint type: threaded Placement method: _____
Screen material: PVC Quantity: _____
Screen opening size: No. 10 slot Surface seal design: _____
Screen length: 10' Material of protective casing: _____
Material of grout between protective casing and well casing: _____
Depth of Well: 26.3' Protective cap: _____
Filter Pack: Gravel packed Material: PVC
Material: Northern Gravel #2 Vented?: Y N Locking?: Y N
Grain Size: 1/8" x #12 Well cap: _____
Quantity: 118# Material: _____
Seal (minimum 3 ft. length above filter pack): Bentonite Vented?: Y N
Material: Bentonite

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

Water level 14.45 ft. Stabilization time _____
Well development method _____
Average depth of frost line _____


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 #

7252

Date

11-7-25

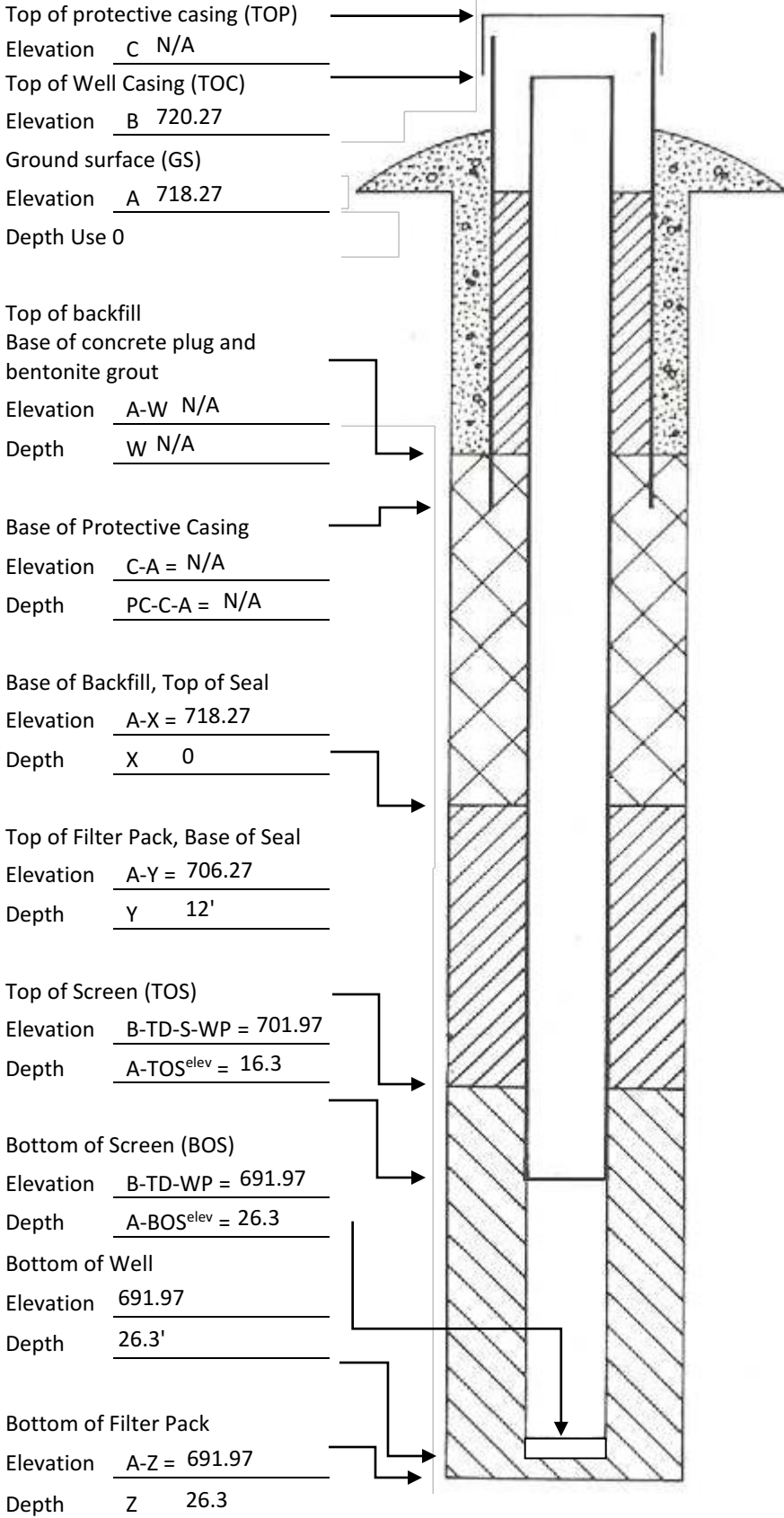
Note: Attach well log, boring log, and map showing new monitoring well/piezometer location in relation to existing wells or piezometers.

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: N/A S: 10'
WP: N/A TD: N/A