

# Semiannual Site Inspection

Corn Belt Power Cooperative – Wisdom Station  
Coal Combustion Residue Landfill  
Permit # 21-SPD-04-95C

This document is the semiannual inspection required in the permit's 'Special Provisions' paragraph 6 that states the status of conformance or nonconformance with the criteria defined in Subrule 103.1(5)f IAC. The reduction in frequency of inspections is in accordance with DNR letter dated 12/28/2016 to 'conduct semiannual inspections going forward, until authorized to do otherwise'.

## Findings

The site was found to be in conformance with the criteria as defined in Subrule 103.1(5) f IAC. There was no differential settling, holes, surface cracks, erosion or any interference with the surface drainage.

**Date of Inspection** 9/12/24

Monitoring Wells – All five monitoring wells (MW1, MW4, MW5, MW6, and MW7) were inspected and found to be in good shape with no standing water or erosion present. All wells were found to be properly locked. The flooding this past June did not show any detrimental effects. There were corn stalk residue near MW4, but no visible damage.

Landfill Cap – The cap of the landfill was inspected for differential settling, surface cracks, holes, erosion channels, and any interference with surface drainage. None were found. The grass was tall when inspected and fully covers the cap and is well established.

Outer Circumference – The area surrounding the landfill was inspected and found to be in good condition. The grass is well established and has prevented any erosion from occurring in the areas around the landfill. Water levels in Stoney Creek were at normal levels at the time of the inspection.

Entrance – The entrance to the site was in good shape with no erosion channels present. The access gate was found to be properly locked.

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I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signature Michael S. Thatcher Date 9/13/2024

Name: Michael S. Thatcher, P.E.

P.E. Registration Number: 13697

License Renewal Date: December 31, 2025

Pages or sheets covered by this seal: **Semiannual Site Inspection  
Corn Belt Power Cooperative  
Humboldt, Iowa**