

July 23, 2026
File No. 27225277.26

Mr. Mike Smith, P.E.
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue, Suite 200
Des Moines, Iowa 50321

Subject: 2026 Semi-Annual Sampling Notification
Scott Area Sanitary Landfill
Permit No. 82-SDP-09-92P

Dear Mike:

SCS Engineers, on behalf of the Waste Commission of Scott County, is submitting this summary of the 1st 2026 semi-annual sampling event for the Scott Area Sanitary Landfill (Landfill) in general accordance with Iowa Administrative Code (IAC) 567-113.10(5) and 113.10(6). A site map is included as **Figure 1**.

During the 2nd 2025 statistical evaluation, SSLs above background were indicated for cadmium, lead, and nickel in monitoring well OP-19 and arsenic in monitoring well MW-117. As approved by the DNR by telephone on April 28, 2026, the results of the 1st 2026 semi-annual sampling event were to be used for verification of the SSLs in lieu of a separate retesting event. During the June 2026 sampling event, monitoring well OP-19 was dry. Due to an elevated total suspended solids (TSS) concentration in monitoring well MW-117 during the June 2026 sampling event, the sample was considered unrepresentative and the inorganic parameters were removed from statistical consideration. In order to provide more representative samples from monitoring well MW-117, a different type of dedicated pump will be installed. The results from the next sampling event will be reviewed as the first retest in the statistical process to confirm or not confirm the SSLs indicated in monitoring wells OP-19 and MW-117.

Groundwater sampling was completed on June 2-4, 2026. The associated field sheets were completed. The samples were shipped and received at the laboratory in acceptable condition, with appropriate temperature maintained. Statistical evaluation was performed using analytical data received from the laboratory. The field sheets, laboratory analytical reports, data validation documentation, and output from the statistical evaluation will be included in the 2026 Annual Water Quality Report.

The statistical evaluation results for the 1st semi-annual sampling event of 2026 are summarized in **Table 1**.

Table 1
1st 2026 Statistical Evaluation Summary

Monitoring Point	Monitoring Program	Indicated SSLs	SSLs
MW-107	Background	Background data collection.	
MW-114	Background	Background data collection.	



Monitoring Point	Monitoring Program	Indicated SSLs	SSLs
OP-14	Detection	Arsenic	-
OP-19	Detection	Cadmium*, Lead*, Nickel* (dry)	-
MW-20AR	Assessment	-	None
MW-41	Detection	Abandoned during this reporting period.	
MW-42	Detection	None	-
MW-43	Detection	None	-
MW-48	Detection	Copper, Nickel	-
MW-117	Detection	Arsenic**	-
UD-4	Background Collection	Insufficient data for evaluation (2 more samples needed).	

* - SSLs indicated during the 2nd 2025 statistical evaluation could not be confirmed due to the monitoring well being dry.

** - SSI indicated during the 2nd 2025 statistical evaluation could not be confirmed due to the sample being considered not representative due to an elevated TSS concentration.

There were three monitoring well/constituent pairs with indicated SSLs above background during this reporting period, in addition to four from the previous reporting period, as described above. The indicated SSLs in monitoring wells OP-14, OP-19, MW-48, and MW-117 will be retested before the next semi-annual sampling event. As of the date of this notification, monitoring point UD-4 had four samples; six samples are needed for intrawell statistical evaluation.

New monitoring well MW-41R, installed in June 2026 to replace abandoned monitoring well MW-41, will be added to the Hydrologic Monitoring System Plan (HMSP) monitoring network. Initial sampling of monitoring well MW-41R will occur prior to waste placement in Cell 10, and five samples will be collected within one year to establish background. As sulfide has not been detected in the most recent eight sampling events in monitoring well MW-20AR, it is requested that semi-annual sulfide sampling be discontinued in MW-20AR. No other changes to the Landfill's monitoring program are recommended based on the results from the 1st 2026 semi-annual sampling event.

The background dataset for monitoring well MW-43 was updated during this reporting period. The four most recent samples were amended to the background dataset.

Services were performed in general accordance with IAC 567-113.10 and the current requirements for implementation of the Hydrologic Monitoring System Plan (HMSP) for the Landfill.

If you have any questions regarding this notification, please contact Nathan Ohrt at (319) 331-9613.

Sincerely,



Nathan Ohrt
Senior Project Professional
SCS Engineers



Timothy C. Buelow, P.E.
VP, Senior Project Advisor
SCS Engineers

NPO/TCB

Copies: Bryce Stalcup, Waste Commission of Scott County
Brian Seals, Waste Commission of Scott County

Path: C:\Users\cdavis\Desktop\SCOTT\SCOTT\SCOTT\New Well - 2026.aprx
User: cdavis
Date Saved: 7/27/2026 12:18 PM



Site Map

Legend

- | | | |
|---------------------------|-----------------------------------|-----------------------------|
| Monitoring Well | Gas Monitoring Point | Interpolated Waste Boundary |
| Underdrain Location | Approximate Future Waste Boundary | Approximate Lease Boundary |
| Leachate Monitoring Point | Located Waste Boundary | Stream |
| Gas Extraction Well | Approximate Waste Boundary | |

Waste Commission of
Scott County Landfill
Davenport, Iowa
Project No: 272236457.26
Drawing Date: July 2026

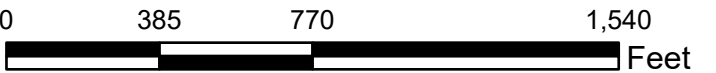
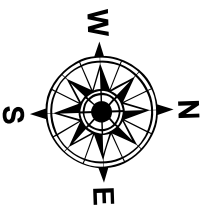


Figure 1