Jolly, Becky <becky.jolly@dnr.iowa.gov>

Guthrie County Sanitary Landfill - 39-SDP-01-73C - Reduction in Landfill Gas Monitoring

1 message

Ohrt, Nathan <NOhrt@scsengineers.com> Fri, Oct 30, 2026 at 8:38 AM
To: "Rath, Brian" <brian.rath@dnr.iowa.gov>
Cc: Jotham Arber <j.arber@guthriecounty.gov>, Becky Jolly <becky.jolly@dnr.iowa.gov>

Good morning Brian-

The landfill gas monitoring network for the Guthrie County Sanitary Landfill (Landfill) consists of seven structures and four subsurface methane monitoring points: LFGW-1, LFGW-2, LFGW-3, and LFGW-4.

The subsurface landfill gas probes were installed in October 2020 and are monitored semi-annually. Apart from a single detection of 3% of the lower explosive limit (LEL) in LFGW-2 measured in March 2025, no methane has been detected in the gas probes. No methane has been detected in the facility structures.

On October 23, 2026 (Doc #118367), a justification for proceeding to ending post-closure maintenance for the Landfill was submitted. Due to the infrequency of detections, it is requested that the 2nd 2026 semi-annual monitoring of the subsurface methane monitoring points be waived. Landfill staff will continue quarterly monitoring of the facility structures.

If you have any questions regarding this request, please contact me at the number below. Thank you.

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