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Scott Area Landfill - 82-SDP-09-92P - Response to DNR Comments

1 message

Ohrt, Nathan <NOhrt@scsengineers.com>

Mon, Apr 28, 2025 at 2:15 PM

To: Mike Smith <mike.smith@dnr.iowa.gov>

Cc: "Stalcup, Bryce" <bryce.stalcup@wastecom.com>, "Seals, Brian" <brian.seals@wastecom.com>, "Buelow, Tim" <TBuelow@scsengineers.com>, "becky.jolly@dnr.iowa.gov" <becky.jolly@dnr.iowa.gov>

Good afternoon Mike-

SCS Engineers, on behalf of the Waste Commission of Scott County, provides the following responses to DNR comments regarding groundwater monitoring in correspondence dated April 22, 2025 (Doc #112900).

- 1. The report indicated high levels of total suspended solids in monitoring wells MW-42 and MW-117, yet only MW-42 will be redeveloped. Please provide a rationale for not redeveloping MW-117.*

MW-117 was not recommended for redevelopment as the September 2024 sample with elevated total suspended solids (TSS) was an anomaly. The elevated TSS concentration was likely due to sampling with a non-dedicated pump after the dedicated pump failed. The sampler attempted to purge longer with the non-dedicated pump to reduce turbidity before sampling but was only partially successful. It is planned to redevelop monitoring wells MW-117 and MW-42 when new dedicated pumps are installed, which will occur before the next sampling event.

- 2. The sampling form for MW-43, dated September 24, 2024, indicated a broken casing. The 2023 Annual Water Quality Report, dated April 19, 2024, indicated that this well needed an outer metal casing. Please provide a schedule for repair.*

The inner well casing for monitoring well MW-43 was repaired in 2024. A metal casing was installed on April 28, 2025.

Please contact me if you have any questions regarding these responses. Thank you.

Nathan Ohrt

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