



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Mike Braun
Governor

Clint Woods
Commissioner

April 29, 2025

VIA EMAIL cpublow@ssidelandfill.com

Mr. Curt Publow
Senior Project Manager
South Side Landfill
2561 Kentucky Avenue
Indianapolis, IN 46241

Re: *Semi-Annual Groundwater Sampling Report: September 2024 & January 2025 Sampling Events*
Dated February 28, 2025
VFC # [83772714](#)
South Side Landfill
Marion County
SW Program ID 49-01

Dear Mr. Publow:

On February 28, 2025, we received the *Semi-Annual Groundwater Sampling Report: September 2024 & January 2025 Sampling Events* (Report) from SESCO Group, on behalf of the facility. The following comments are the results of our review.

The Report summarizes the results of the groundwater sampling event that took place on September 25, 2024, and subsequent verification resampling event on January 14, 2025. The facility reported no statistical exceedances for the September 2024 event, however there was one VOC detection at upgradient groundwater monitoring well NWP-11 cis-1,2 Dichloroethene (6.2 ug/L). The facility attributes the detection to non-landfill sources north of the landfill, beyond facility boundaries. The facility concludes that the VOCs have been present north of the landfill historically and before waste was placed in the north cells, Phase III Area. Additionally, the facility bases its conclusion on that the groundwater monitoring well is located outside the slurry wall and groundwater levels are higher outside the slurry wall than inside, preventing potential landfill contaminants from migrating offsite.

The facility conducted verification resampling for chloride at MW-105 in January 2025 due to a preliminary exceedance during the September 2024 event. The concentration of chloride in MW-105 and its duplicate from the verification event were below the prediction limit for the well. Therefore, the preliminary exceedance was not verified.

The Report mentions apparent upward trends in chloride for MW-105, MW-106, and WP-4 in addition to dissolved sodium for WP-4 and MW-106. The facility needs to keep an eye on the increasing trends in future events.

Visit on.IN.gov/survey or scan the QR code to provide feedback.

We appreciate your input!



We agree with the conclusions of the Report at this time. Therefore, the facility should continue groundwater detection monitoring of the Phase I, II, and III Areas in accordance with 329 IAC 10-21, the *Solid Waste Land Disposal Facility Permit Renewal* dated April 3, 2024 (VFC # [83619004](#)), the *Sampling Analysis Plan/Quality Assurance Project Plan* dated May 22, 2020 (VFC # [82976934](#)), and the *Statistical Evaluation Plan* dated June 9, 2020 (VFC # [82982450](#)).

Thank you for your attention to this matter. If you have questions, please contact Mr. Lucas Monroe of my staff at LHMonroe@idem.IN.gov or call (317) 232-2014.

Sincerely,



John A. Guerrettaz, LPG
Chief, Geology Section
Permits Branch
Office of Land Quality

cc: Marion County Health Department
Ms. Hannah Ford, Solid Waste Permits Branch, OLQ, IDEM
Mr. Rod Perkins, South Side Landfill
Mr. Timothy Bannister, Senior Project Manager, SESCO Group
Ms. Ellen O'Neil, Project Manager, SESCO Group

From: [McCormick, Debra J](#)
To: [Curt Publow](#)
Cc: wghmm@marionhealth.org; [Ford, Hannah R](#); rperkins@ssidelandfill.com; [Timothy Bannister](#); [Ellen O'Neil](#)
Bcc: [Monroe, Lucas H](#)
Subject: 04292025 SW # 49-01 Marion County-OLQ Monitoring Review
Date: Tuesday, April 29, 2025 9:19:00 AM
Attachments: [image001.png](#)
[image002.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[South Side Landfill January 2025 GW Letter.pdf](#)
[image008.png](#)
Importance: High

Attached is the letter for the SW ID# 49-01 for Marion County . If any questions contact Mr. Lucas Monroe, this information is in the last paragraph above Mr. John Guerrettaz signature block.

Thank you,
Respectfully,



Debra McCormick
Administrative Assistant
Permits Branch / Office of Land Quality
Indiana Department of Environmental Management
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From: postmaster@azoservices.com
To: [Curt Publow](mailto:Curt.Publow)
Subject: Delivered: 04292025 SW # 49-01 Marion County-OLQ Monitoring Review
Date: Tuesday, April 29, 2025 9:19:58 AM
Attachments: [04292025 SW # 49-01 Marion County-OLQ Monitoring Review.msg](#)

Your message has been delivered to the following recipients:
Curt Publow (cpublow@ssidelandfill.com) <<mailto:cpublow@ssidelandfill.com>>
Subject: 04292025 SW # 49-01 Marion County-OLQ Monitoring Review