



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

RE: Dickinson Landfill, Inc. - Annual Water Quality Report

1 message

Ambuehl, Megan <megan.ambuehl@stantec.com>

Tue, Mar 31, 2026 at 2:44 PM

To: "Smith, Mike" <mike.smith@dnr.iowa.gov>, John Reynolds <jreyno11@wm.com>

Cc: Becky Jolly <becky.jolly@dnr.iowa.gov>, "Christian, Jennifer" <jennifer.christian@dnr.iowa.gov>, "Fletcher, George" <gfletch2@wm.com>, "Anderson, Cory (Plymouth)" <cory.anderson2@stantec.com>

Hi Mike,

On behalf of Dickinson Landfill, Inc., this email is in response to the letter dated March 19, 2026 regarding the 2025 Annual Water Quality Report.

The response to comment 2 under the LCSPE section is:

The third column of Table 1 identifies the transducer measurements that correspond to 12-inches of head on the liner (for the monitored locations). As noted in section 3.1.2 in the LCSPE report, the only exceedance was at Phase B in July due to a pump malfunction. See below highlighted column and noted exceedance:

Table 1 - Dickinson Landfill, Inc. 2025 Leachate Head Data Summary

Location	Units	Transducer Measurement Corresponding to 12-Inches Head on Liner	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
LW-1A (see Note 3)	feet	NA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
LW-2A (see Note 3)	feet	NA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
LW-3A (see Note 3)	feet	NA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
LW-4A (see Note 3)	feet	NA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Phase A (transducer)	inches	24.16	15.7	13.6	14.5	16.4	17.5	14.4	18.8	14.5	14.8	14.5	16.1	14.3
Phase A1 (transducer)	inches	24.0	15.3	15.7	16.0	14.8	16.8	14.8	17.8	15.8	15.2	15.9	15.7	16.3
Phase B (transducer)	inches	26.0	16.1	15.2	15.7	15.7	23.9	19.0	40.5	16.5	15.5	15.7	15.3	15.6
Phase B-R (piezometer - (see Note 3))	feet	NA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Phase C (transducer)	inches	24.35	15.7	17.4	16.4	15.1	16.6	16.5	18.4	19.2	16.0	13.9	13.2	16.0
Phase C (piezometer - (see Note 3))	feet	NA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:

1. NA = Not Applicable
2. NR = Not Recorded (or not available)
3. Transducers were installed in the leachate head wells and piezometers in April 2018. Readings at these locations are measured in feet from the bottom of the well.
4. Readings procured by on-site personnel
5. From March 2002 on, the Phase A and A1 leachate head has been recorded using the pump control pressure transducer only.
6. As previously documented, the original Phase B piezometer was obstructed and replaced with Phase B-R piezometer.

Other comments are "acknowledged".

Thank you!

Megan Ambuehl, PE (MN, ND, IA, MI)

Principal, Business Center Practice Leader



From: Smith, Mike <mike.smith@dnr.iowa.gov>
Sent: Thursday, March 19, 2026 7:57 AM
To: John Reynolds <jreyno11@wm.com>
Cc: Becky Jolly <becky.jolly@dnr.iowa.gov>; Christian, Jennifer <jennifer.christian@dnr.iowa.gov>; Fletcher, George <gfletch2@wm.com>; Anderson, Cory (Plymouth) <cory.anderson2@stantec.com>; Ambuehl, Megan <megan.ambuehl@stantec.com>
Subject: Dickinson Landfill, Inc. - Annual Water Quality Report

John:

Please find attached DNR's comment letter.

Thanks,

Mike

Michael Smith, P.E.

Environmental Engineer Senior

Solid Waste and Contaminated Sites Section

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