

March 30, 2026

Mr. Michael W. Smith, P.E., Environmental Engineer Senior
Land Quality Bureau
6200 Park Avenue, Suite 200
Des Moines, Iowa 50321



**RE: 2026 Semi-Annual Water Quality Notification
Newton Sanitary Landfill 50-SDP-01-75P
Areas A, B, C, D**

Dear Mr. Smith:

HMSP - Areas A, B, C, D

At the Newton Sanitary Landfill (Areas A, B, C, D), the following monitoring wells are the upgradient/background wells for the facility: MW-48, MW-78, MW-39, and SW-101 (2016 to 2019).

The following downgradient wells remain in the detection monitoring system: MW-36 and MW-79.

The following downgradient wells are in the assessment monitoring system: MW-41, MW-42, MW-58, MW-59, MW-60, MW-61, MW-62R, and MW-80.

Notification of Results of Spring Sampling, Analysis, and Statistical Evaluation

Detection Monitoring System

Verified Prediction Limit exceedances **for inorganic** compounds:

MW-79 - Copper*

Verified Prediction Limit exceedances **for VOC** include:

None

** Copper at MW-79 requires a verification resample prior to 6/4/2026.*

Assessment Monitoring System

Verified Prediction Limit exceedances **for inorganic** compounds:

MW-58 – Nickel

MW-59 – Copper

MW-62R – Barium

MW-80 – Arsenic

Verified Prediction Limit exceedances **for VOC** include:

MW-41 - 1,1-dichloroethane, 1,2-dichloropropane, cis-1,2-dichloroethane

MW-58 - cis-1,2-dichloroethene

Historic Appendix II Compound Detections (green highlights = full Appendix II events):

AREAS A, B, C, D - Bis(2-ethylhexyl)phthalate detections (ug/L)

Date	MW-41	MW-42	MW-61	MW-62R	MW-58	MW-59	MW-60	MW-80
3/19/12	22.0	NT	NT	<10	<8	NT	NT	NT
9/25/12	<10	NT	NT	18.0	<8	NT	<8	NT
3/15/13	NT	NT	NT	NT	NT	NT	<8	<8
9/25/13	<10	NT	NT	19.0	NT	NT	NT	<8
10/23/13	<10	NT	NT	<10	NT	NT	NT	NT
3/25/14	83.0	NT	NT	<10	NT	NT	NT	NT
9/25/14	<10	NT	NT	<10	NT	NT	NT	NT
3/11/15	<8	NT	NT	<8	<8	NT	<8	<8
9/17/15	10.0	NT	NT	<10	NT	NT	NT	NT
3/22/16	<10	NT	NT	<10	NT	NT	NT	NT
9/14/16	<10	NT	NT	<10	NT	NT	NT	NT
3/23/17	<10	<8	<8	<10	NT	NT	NT	NT
9/8/17	<6	NT	NT	<6	NT	NT	NT	NT
3/19/18	NT	<6	<6	NT	NT	NT	NT	NT
9/11/18	NT	NT	NT	NT	NT	NT	NT	NT
3/7/19	NT	NT	NT	NT	NT	15.0	NT	NT
6/6/19	NT	NT	NT	NT	NT	<6	NT	NT
9/4/19	NT	NT	NT	NT	NT	<6	NT	NT
12/4/19	NT	NT	NT	NT	NT	6.0	NT	NT
3/26/20	8.0	NT	NT	<6	6.0	<6	<6	<6
9/15/20	<6	NT	NT	NT	<6	<6	NT	NT
3/2/2021	NT	NT	NT	NT	NT	NT	NT	NT
9/7/2021	NT	NT	NT	NT	NT	NT	NT	NT
3/24/2022	NT	NT	NT	NT	NT	NT	NT	NT
8/31/2022	NT	NT	NT	NT	NT	NT	NT	NT
3/2/2023	NT	6.0	<6	NT	NT	NT	NT	NT
9/12/2023	NT	NT	NT	NT	NT	NT	NT	NT
3/4/2024	NT	NT	NT	NT	NT	NT	NT	NT
9/23/2024	NT	NT	NT	NT	NT	NT	NT	NT
3/12/2025	<6	NT	NT	<6	<6	<6	<6	<6
9/3/2025	NT	NT	NT	NT	NT	NT	NT	NT
3/4/2026	NT	NT	NT	NT	NT	NT	NT	NT

AREAS A, B, C, D - 2,4,5-T (ug/L)

Date	MW-41	MW-42	MW-61	MW-62R	MW-58	MW-59	MW-60	MW-80
3/19/12	<0.5	NT	NT	<0.5	<0.5	NT	NT	NT
9/25/12	<0.5	NT	NT	<0.5	<0.5	NT	<0.5	NT
3/15/13	NT	NT	NT	NT	NT	NT	<0.5	<0.5
9/25/13	NT	NT	NT	NT	NT	NT	NT	<0.5
10/23/13	NT	NT	NT	NT	NT	NT	NT	NT
3/25/14	NT	NT	NT	NT	NT	NT	NT	NT
9/25/14	NT	NT	NT	NT	NT	NT	NT	NT
3/11/15	<0.5	NT	NT	<0.5	<0.5	NT	<0.5	<0.5
9/17/15	NT	NT	NT	NT	NT	NT	NT	NT
3/22/16	NT	NT	NT	NT	NT	NT	NT	NT
9/14/16	NT	NT	NT	NT	NT	NT	NT	NT
3/23/17	NT	<0.5	<0.5	NT	NT	NT	NT	NT
9/8/17	NT	NT	NT	NT	NT	NT	NT	NT
3/19/18	NT	5.0	<0.5	NT	NT	NT	NT	NT
9/11/18	NT	NT	NT	NT	NT	NT	NT	NT
3/7/19	NT	<0.5	NT	NT	NT	<0.5	NT	NT
9/4/19	NT	<0.5	NT	NT	NT	NT	NT	NT
3/26/20	<0.5	NT	NT	<0.5	<0.5	<0.5	<0.5	<0.5
9/15/20	NT	NT	NT	NT	NT	NT	NT	NT
3/2/2021	NT	NT	NT	NT	NT	NT	NT	NT
9/7/2021	NT	NT	NT	NT	NT	NT	NT	NT
3/24/2022	NT	NT	NT	NT	NT	NT	NT	NT
8/31/2022	NT	NT	NT	NT	NT	NT	NT	NT
3/2/2023	NT	<0.5	<0.5	NT	NT	NT	NT	NT
9/12/2023	NT	NT	NT	NT	NT	NT	NT	NT
3/4/2024	NT	NT	NT	NT	NT	NT	NT	NT
9/23/2024	NT	NT	NT	NT	NT	NT	NT	NT
3/12/2025	<0.5	NT	NT	<0.5	<0.5	<0.5	<0.5	<0.5
9/3/2025	NT	NT	NT	NT	NT	NT	NT	NT
3/4/2026	NT	NT	NT	NT	NT	NT	NT	NT

Current Appendix II Compound Detections:

None

The following SSL are recorded:

None

Wells returning to detection monitoring:

None.

This notification is intended to satisfy requirements of Iowa Administrative Code (IAC) 567-113.10(5)"c"(1); 113.10(6)"d"(1); and 113.10(6)"g".

The water quality results for the Spring of 2026 will be fully evaluated in the Annual Water Quality Report (AWQR) due January 31, 2027 in accordance with IAC 567-113.10(10).

Please feel free to contact our office at (515) 733-4144 with any questions you may have.

Sincerely,

HLW Engineering Group



Todd Whipple, CPG
Project Manager

cc: *Joe Grife, Public Works Director*
Mike Ward, Public Works Operations Superintendent

GROUND WATER STATISTICS
FOR THE
NEWTON SANITARY LANDFILL

First Semi-Annual Monitoring Event in 2026

Prepared for:
City of Newton Sanitary Landfill
3202 Ia-14
Newton, Jasper County, IA

Prepared by:
Jeffrey A. Holmgren
Otter Creek Environmental Services, LLC
Elgin, IL
(847) 464-1355

March 2026
