

April 28, 2022

Mr. Geoffrey Spain, Environmental Specialist  
Land Quality Bureau  
Iowa Department of Natural Resources  
502 East 9<sup>th</sup> Street  
Des Moines, Iowa 50319-0034



**RE: 2022 Semi-Annual Water Quality Notification Letter  
Grundy County Sanitary Landfill 38-SDP-01-75C**

Dear Mr. Spain:

**HMSP**

At the Grundy County Sanitary Landfill, the following monitoring wells comprise the monitoring network: MW-3, MW-4, MW-5, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-15A, and MW-18.

The following are the upgradient/background wells for the facility: MW-15 (one episode), MW-15A, MW-18.

The following downgradient monitoring points are in the detection monitoring system: MW-3 and MW-12.

The following downgradient wells are in the assessment monitoring system: MW-4, MW-5, MW-9, MW-10, MW-11, MW-13, and MW-14.

There are no wells in Corrective Action monitoring.

**Notification of Results of Spring Sampling, Analysis, and Statistical Evaluation  
Wells in the Detection Monitoring System**

Verified inorganic compound concentrations that exceed the Prediction Limit:

*None.*

Verified VOC concentrations that exceed the Prediction Limit:

*None.*

**Wells in the Assessment Monitoring System**

Verified inorganic compound concentrations that exceed the Prediction Limit:

MW-5 – none

MW-9 – arsenic, barium, nickel

MW-10 – nickel

MW-11 – barium, cadmium

MW-13 – barium, nickel

MW-14 – barium, cobalt, nickel

Verified VOC concentrations that exceed the Prediction Limit:

MW-5 – none

MW-9 – 1,4-dichlorobenzene, chlorobenzene, chloroethane

MW-13 – 1,4-dichlorobenzene

MW-14 – 1,4-dichlorobenzene, chlorobenzene

**Current Appendix II Compound Detections**

None.

**The following SSL are recorded**

There have been no SSL recorded to date.

**Corrective Action Monitoring System**

Not Applicable

**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 2022 will be fully evaluated in the Annual Water Quality Report in accordance with the unnumbered permit amendments dated May 22, 2013, July 10, 2014, and 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: *Greg Melcher, Chairman*  
*Barb Smith, Secretary/Treasurer*  
*Chad Brown, CCC Manager*

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# **GROUND WATER STATISTICS FOR GRUNDY COUNTY LANDFILL**

**First Semi-Annual Monitoring Event in 2022**

Prepared for:  
**Grundy County Landfill**  
20434 220<sup>th</sup> St.  
Grundy Center, IA 50638

Prepared by:  
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**April 2022**

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