

February 27, 2025

MIKE BUSH PRESIDENT  
LINWOOD MINING AND MINERAL CORPORATION  
401 E FRONT ST  
DAVENPORT IA 52804

**Re: Linwood Mining (401 E Front St, Davenport, IA 52804)  
Contaminated Sites Database ID No. 1853  
Initial Site Assessment Report**

Dear Mr. Bush:

The Iowa Department of Natural Resources, Solid Waste and Contaminated Sites Section (DNR) received the Initial Site Assessment Report for the Mine Stope at Linwood Mining and Minerals located at 401 E Front St., Davenport, Iowa on December 30, 2024.

As discussed previously, the conceptual site model (CSM) has not yet been established and further work is planned. Groundwater samples were collected and analyzed from ten nearby water wells (McCarthy Improvements Well, Scale House Well, Warehouse Well, Booster Fan Well, Lime Plant Well, Maintenance Shop Well, Quarry Main Crusher Well, Top Plant Well, and the Administration Office Well). Additional wells are being investigated to potentially use in the CSM and additional wells in the stope cavity are also planned. Screened intervals of sampled wells were not discussed.

The following comments were noted during review of the report and should be considered in future submittals.

- 1) Table 2-6 Summary of Detected Constituents outlines those chemicals found in the water supply wells sampled near the site. It is understood this will be updated to include additional wells in the next submittal. Please be sure to include concentration standards in the next submittal as well as regulatory standards for each chemical for comparison.
- 2) In future submittals, please include discussion of screened intervals (in terms of both geology and depth) for wells used as part of the CSM.
- 3) The 2023 Site Assessment Plan included sampling Residential Unused 1 and Residential Unused 2 wells. However, after review of the most recent data, the report questions if these two wells are necessary to help establish the CSM. If the wells are left out of future sampling, please justify this decision. It is possible that these wells may be required to be sampled in the future as possible receptors (if not plugged in the near future).

It is the understanding of DNR that assessment work will continue. The next submittal will be a Site Assessment Field Activities Work Plan that is due March 31, 2025 and a Site Assessment addendum is planned for June 30, 2026 following field activities and multiple sampling events. These activities and their timing will be discussed further in the work plan and will be considered further at that time.

As a reminder, the full site conceptual model may be a collection of several assessment reports/addendums. Before a Remedial Action Plan is submitted (as referenced in [567 IAC 133](#)), a fully defined assessment should be accepted. Please contact me at [\(515\)669-5494](tel:(515)669-5494) or by email at [shelly.nellesen@dnr.iowa.gov](mailto:shelly.nellesen@dnr.iowa.gov) if you have questions or concerns.

Sincerely,

Shelly Nellesen  
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Land Quality Bureau

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