



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

Re: Deere Foundry BUD Results

1 message

Stobbe, Chad <chad.stobbe@dnr.iowa.gov>

Mon, Mar 2, 2026 at 3:07 PM

To: Sherm Lundy <sherml@bmcaggregates.com>, Christina Konicek <KonicekChristina@johndeere.com>

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

Sherman & Christina -

Effective immediately, John Deere Waterloo Works may resume deliveries of the following waste foundry sand streams to BMC's Waterloo South Quarry for use as beneficial fill: Refractory Brick, West Dock Sand, 802 West Dust Pelletizer, East Dust Pelletizer, Cleaning Room Dust, 804 Sand System Baghouse Dust, and 871 Baghouse Dust.

Eurofins-Cedar Falls has submitted corrected laboratory reports in compliance with subparagraph 567 IAC 83.5(7)"b"(1), which requires results to be expressed using the Reporting Limit (RL) rather than the Method Detection Limit (MDL). While these reports still indicate a statewide standard exceedance for arsenic in the 871 Baghouse Dust, the Cumulative Risk Calculator (CRC) output confirms compliance at the Site Worker exposure scenario, pursuant to Special Condition #6 of the executed beneficial use determination.

Additionally, per the approved Contingency Plan, a supplemental sample of 871 Baghouse Dust was collected and delivered to Eurofins-Cedar Falls for analysis. While authorization to resume deliveries is granted based on the corrected laboratory reports, the DNR requests the submission of this supplemental testing once available to ensure continued compliance with regulatory limits.

Thank you for promptly providing the requested documentation. Please contact me if you have any questions.

Chad A. Stobbe**Environmental Specialist Senior**

Solid Waste and Contaminated Sites Section

Iowa Department of Natural Resources

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----- Forwarded message -----

From: **Sherm Lundy** <sherml@bmcaggregates.com>

Date: Mon, Mar 2, 2026 at 11:23 AM

Subject: Re: Foundry SBMP signed BUD

To: Christina Konicek <KonicekChristina@johndeere.com>, Stobbe Chad [DNR] <Chad.Stobbe@dnr.iowa.gov>

Christina and Chad: Does this latest email with the data conform to the requested changes made by Chad from last Friday? Are we clear with Exceedances and Risk Calculator in addition to the corrections suggested from the last submission to me? Appreciate any info you can provide so. We need to know before we can begin accepting material from Deere.

Sherman

On Fri, Feb 27, 2026 at 1:55 PM Christina Konicek <KonicekChristina@johndeere.com> wrote:

Chad,

I apologize. I had sent over data from a report I had received earlier on 2/25/26 than the current revision and not data set from the last revision that had been signed. Attached are the reports from the most current revision from the lab with the updated "<" values and data.

Thank you,

CK

Public

From: Stobbe, Chad <chad.stobbe@dnr.iowa.gov>
Sent: Friday, February 27, 2026 11:43 AM
To: Christina Konicek <KonicekChristina@johndeere.com>
Cc: Sherm Lundy <sherml@bmcagggregates.com>
Subject: Re: Deere Foundry BUD Results

Christina,

Reviewing the updated lab results against the submitted Analytical Testing Report Forms reveals several discrepancies. To avoid returning the submission as incomplete, I have listed the identified corrections below. Please update, review, and resubmit each report.

For all Analytical Testing Report Forms, please use the "<" designation where applicable. This is critical for determining compliance with regulatory limits. For example, while the SPLP limit for Thallium is 0.02 mg/L, several reports (such as East Pelletizer and Refractory Brick) list the result as 0.02 mg/L when the lab report indicates <0.02 mg/L. It must be clear that results are below the regulatory limit.

Please address the following specific items:

1. 850: TCLP and SPLP results do not match the updated lab report.
2. East Pelletizer (EP): The SPLP result for Lead should be <0.02 mg/L, not 0.4 mg/L.
3. 802: The SPLP result for Copper should be <0.2 mg/L, not 0.02 mg/L.
4. 804: TCLP and SPLP results do not match the updated lab report. Additionally, the following Total Metals results are incorrect: Antimony, Boron, Mercury, Silver, and Thallium.
5. 871: TCLP and SPLP results do not match the updated lab report. Additionally, the following Total Metals results are incorrect: Beryllium, Boron, Cadmium, Hexavalent Chromium, Lead, Lithium, Mercury, Selenium, Silver, and Thallium.

Please ensure all results on the forms accurately reflect the updated lab reports. The DNR cannot determine compliance or authorize the resumption of deliveries to the BMC quarry until these forms are corrected. Future incomplete submissions will be returned.

Please call me if you have any questions.

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On Thu, Feb 26, 2026 at 2:36 PM Christina Konicek <KonicekChristina@johndeere.com> wrote:

Good afternoon,

Attached are the BUD results and files for the reports. We still had the 871 exceedance on arsenic, but with the updated reports the cumulative risk was less than 1. Feel free to call with any questions.

Thank you,

Christina Konicek
She/Her/Hers
Environmental Engineer
John Deere Waterloo Works

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