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

City of Fort Madison Landfill & Rodeo Park Dump - 56-SDP-05-88C - Trial Period for Cessation of Leachate Extraction Status

1 message

Ohrt, Nathan <NOhrt@scsengineers.com> Wed, Oct 21, 2026 at 12:13 PM
To: "Davison, Brad" <brad.davison@dnr.iowa.gov>
Cc: Mark Bousselot <mbousselot@fortmadison-ia.com>, Casey Huebner <chuebner@fortmadison-ia.com>, Matt Griffin <mgriffin@fortmadison-ia.com>, Becky Jolly <becky.jolly@dnr.iowa.gov>

Good afternoon Brad-

The leachate lines in Leachate Manholes #1, #3, and #5 have been unplugged. At these locations, no leachate was observed after restarting extraction. It is requested to continue to monitor leachate Manholes #2 and #4 with the extraction paused.

- Leachate Manhole #1 – The leachate line has been unplugged and extraction has resumed. Unplugging the leachate line and restarting extraction eliminated the leachate seeps identified when the leachate line was plugged.
- Leachate Manhole #2 – A small amount of non-flowing leachate on the surface was observed. It is requested to keep the leachate line plugged and monitor conditions to determine whether the seep is transient or persistent. The heavy rain in August and September may have contributed to the seep. The shutdown will continue.
- Leachate Manhole #3 – The leachate line has been unplugged and extraction has resumed. Unplugging the leachate line and restarting extraction eliminated the leachate seeps identified when the line was plugged.
- Leachate Manhole #4 – A small amount of non-flowing leachate on the surface was observed. It is requested to keep the leachate line plugged and monitor conditions to determine whether the seep is transient or persistent. The heavy rain in August and September may have contributed to the seep. The shutdown will continue.
- Leachate Manhole #5 – The leachate line has been unplugged and extraction has resumed. Unplugging the leachate line and restarting extraction eliminated the leachate seeps identified when the line was plugged.

If you need additional information, please let me know.

Nathan Ohrt

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From: Davison, Brad <brad.davison@dnr.iowa.gov>
Sent: Wednesday, October 14, 2026 9:38 AM
To: Ohrt, Nathan <NOhrt@scsengineers.com>
Cc: Becky Jolly <becky.jolly@dnr.iowa.gov>
Subject: Re: City of Fort Madison Landfill & Rodeo Park Dump - 56-SDP-05-88C - Trial Period for Cessation of Leachate Extraction Status

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Good morning Nathan,

Checking in to see if leachate seeps continue to be an issue now that extraction resumed at manhole #1 and #5?

Brad Davison | Environmental Specialist
Solid Waste & Contaminated Sites Section
P: 515-415-1331 | F: 515-725-8202

On Fri, Jul 10, 2026 at 2:43 PM Ohrt, Nathan <NOhrt@scsengineers.com> wrote:

> Good afternoon Brad-
>
> I want to update you about the status of the pause of leachate extraction trial period for the City of Fort Madison Landfill & Rodeo Park Dump, as approved on May 20, 2026 (Doc #117179). The leachate input lines in the five leachate manholes were plugged and the pumps were deenergized on May 1, 2026. Weekly inspections have been performed to identify leachate seeps or other impacts. A site map identifying the leachate manhole locations is attached.
>
> - Leachate Manhole #1 – New leachate seeps have been observed since the extraction shutdown. The leachate line was unplugged and extraction will resume. The currently approved inspection schedule will continue for this fill area to observe anticipated improvements following resumption of the extraction system.
> - Leachate Manhole #2 – No leachate seeps have been observed, and shutdown will continue.
> - Leachate Manhole #3 – No leachate seeps have been observed, and the leachate line will remain plugged. The pump will resume operation (see Leachate Manhole #5 below).
> - Leachate Manhole #4 – A small amount of non-flowing leachate was observed in tire ruts surrounded by rip rap. The area will be graded flat and covered with landscape fabric and riprap. This seep or damp area is consistent with observations from past annual and semi-annual inspections. The shutdown will continue.
> - Leachate Manhole #5 – New leachate seeps have been observed since the extraction shutdown. The leachate line was unplugged and extraction will resume. Leachate is pumped to Leachate

Manhole #3, which will function as a lift station to pump the leachate to the sewer system. The currently approved inspection schedule will continue for this fill area to observe anticipated improvements following resumption of the extraction system.

Inspections for all areas will continue in accordance with the approved plan, which is currently weekly through August 4, 2016, followed by monthly inspections though May 2, 2028.

If you have any questions or comments regarding this update, please let me know.

Nathan Ohrt

Senior Project Professional

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