

From: [Erni, Daniel](#)
To: [IDEM OLO Solid Waste Permits Submittals](#)
Cc: [Siergey, Seth](#); [Kammerer, Douglas](#)
Subject: Liberty Landfill, L.L.C. SW Program ID 91-04 - LS2 Project Update - June 2024
Date: Friday, June 28, 2024 4:08:32 PM
Attachments: [image001.png](#)
[image003.png](#)
[image004.png](#)
[Liberty LS2 Monthly Update 06282024.pdf](#)

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Please find attached a scan of the LS2 project update for the month of June 2024.

Please contact me with any questions.

Thanks,
Dan

Dan Erni
Site Engineer
Heartland Market Area
derni@wm.com

C: 217-820-4425
890 East 1500 North Road
Taylorville, IL 62568

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LIBERTY LANDFILL

8635 East State Road 16
Monticello, IN 47960
(574) 278-7138
(574) 278-7133 Fax

June 28, 2024

Mr. Adam Weinzapfel
Indiana Department of Environmental Management
Office of Land Quality
Solid Waste Permits
IGCN 1101
100 North Senate Avenue
Indianapolis, IN 46204-2251

**RE: Liberty Landfill, L.L.C.
Solid Waste Program ID 91-04
LS2 Project Monthly Update – June 2024**

Dear Mr. Weinzapfel:

An insignificant facility modification application was submitted on May 13, 2024 addressing the requirements of Condition K2 of the permit referenced above. That application committed to providing a written update on the LS2 project on or before the end of each calendar month until proper operation is restored. This correspondence provides the update for June 2024.

On Tuesday, June 25th and Wednesday June 26th staff from KPRG and Associates and a drill rig and staff from Testing Service Corporation were on site. A down-hole camera on a flexible cable was used to inspect the interior of the 18” HDPE riser pipe. At a depth of approximately 80 feet the 2” pump discharge pipe, pressure transducer conduit and other materials could be seen. At a depth of approximately 83 feet an obstruction was encountered that prevented the camera from traveling further down the riser pipe. Multiple attempts were made to travel beyond the obstruction but were ultimately unsuccessful. Temperatures in the riser at this depth limited the amount of time the camera could be operated before image quality degraded. Additionally, due to the orientation of the riser and the pipes and other materials contained within, the camera returned to the same location each time, preventing other portions of the riser from being observed.

The drill rig was used to lower steel drill rods equipped with various tools into the manhole. A tapered reamer was inserted into the stainless steel cam-lock fitting at the top of the 2” pump discharge pipe. When the drill rods were lifted, the stainless steel fitting broke away from the 2” HDPE discharge pipe, presumably due to corrosion.

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During the two days on site, numerous attempts were made using the tapered reamer and other tools to grip or snag the pipe or other materials in the riser but were ultimately unsuccessful.

A search will be conducted for a different down-hole camera that offers one or more of the following features:

- Operation at higher temperatures
- Wider field of view
- Ability to steer the camera and/or lens

If a down-hole camera with suitable features can be located and rented, I anticipate completing additional down-hole camera work in July, with next steps to be determined based on what is learned.

Please contact me at (217) 824-3942 or via email at derni@wm.com with questions.

Sincerely,
Liberty Landfill, L.L.C.



Daniel C. Erni, P.E.*
Site Engineer

*As agent, not as individual

Attachment

Cc: WM Distribution