

## Kacy Murillo (adpce.ad)

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**Subject:** RE: NABORS Landfill Bi-Weekly Inspection

**AFIN:** 03-00051

**PMT#:** 0249-S1-R2

**Received**

By Kacy Murillo at 11:16 am, Dec 7, 2022

**DOC ID#:** 83019

**TO:** MM>FILE <KM

**From:** Caleb Gourley [<mailto:cgourley@harborenv.com>]

**Sent:** Monday, December 5, 2022 8:08 AM

**To:** Clay McDaniel (adpce.ad)

**Cc:** Tom Huetter

**Subject:** NABORS Landfill Bi-Weekly Inspection

Clay,

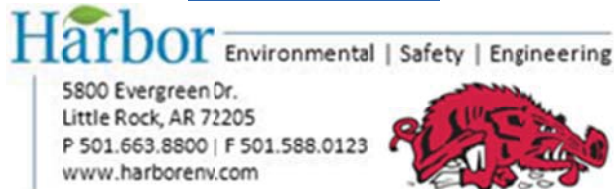
Please see the attached memo from the inspection conducted at Nabors Landfill on November 30, 2022.

If you have any questions, please let us know.

Thank you,

Caleb Gourley, *Project Manager*

C 501.351.0884 · [cgourley@harborenv.com](mailto:cgourley@harborenv.com)



**DATE:** December 5, 2022

**TO:** Clay McDaniel, Project Manager, DEQ - Office of Land Resources

**FROM:** Caleb Gourley, Project Manager, Harbor

**RE:** Bi-weekly Site Inspection  
NABORS Landfill  
Mountain Home, AR

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Harbor visited the NABORS landfill in Mountain Home, Arkansas on November 30, 2022, to conduct the bi-weekly landfill inspection. Findings and observations from the landfill inspection are summarized below:

- There were approximately 5.75 inches of stormwater observed in the tank containment. The pH was measured at 8.65, and approximately 2.0 inches of stormwater was released while Harbor was on site (see photographs 1-2).
- The leachate tank level was at 115.9 inches indicating the system functionality has significantly improved since repairs were made by AFT. The system shuts off leachate collection when the tanks reach 116 inches.
- Both VLCS-1 and VLCS-2 appear to be functioning correctly.
- LCS-1, LCS-3, LCS-4, LCS-5, LCS-6, LCS-7, and LCS-9 had no alarms and appeared to be functioning correctly.
- LCS-2 appears to be functioning, but the display will not advance screens to check for alarms and run time. The only screen the display shows is the sump level.
- LCS-8 had a pump fault alarm, and the amber strobe was activated meaning there is a problem with the system. The leachate level was measured at 276.0 inches, which is extremely high.
- A piece of torn closure turf and a damaged vent pipe were observed near LCS-1 (see photographs 3 - 5). A turbine vent remains detached (see photograph 6) near LCS-6.

AFT has completed the remaining repairs. Photographs are included in Attachment A. A copy of the field notes and the leachate collection system status form are included in Attachment B.

**Attachments:**

*Attachment A – Site Photographs*

*Attachment B – Leachate Collection System Status Form*

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**Attachment A**  
**Site Photographs**

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**Photograph 1:** View north of stormwater in leachate tank containment.



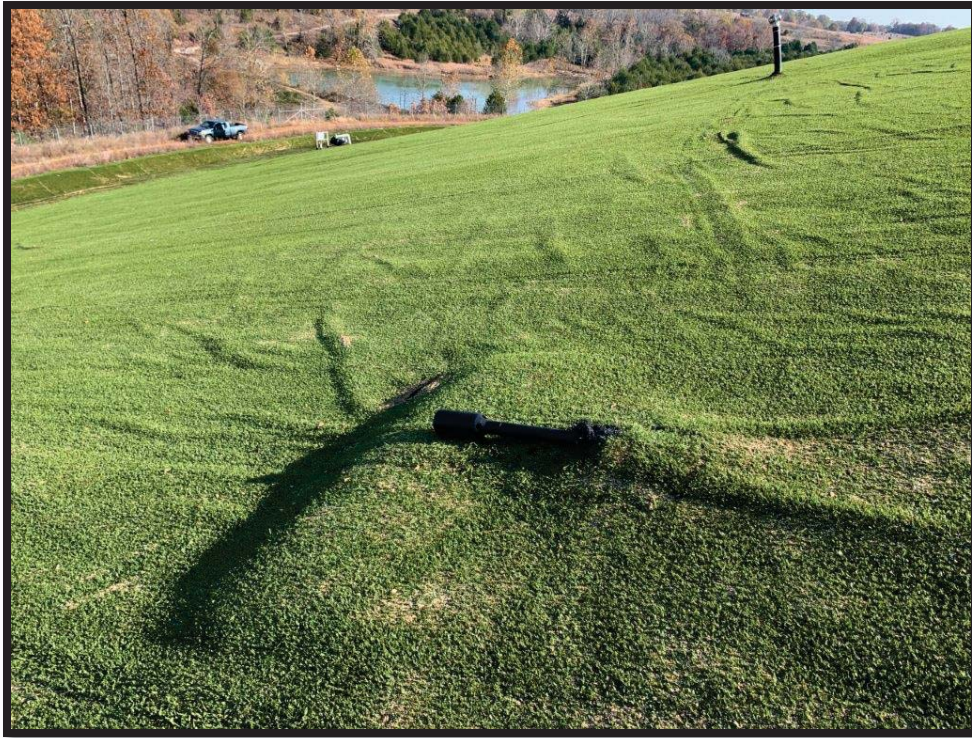
**Photograph 2:** View west of stormwater in leachate tank containment.



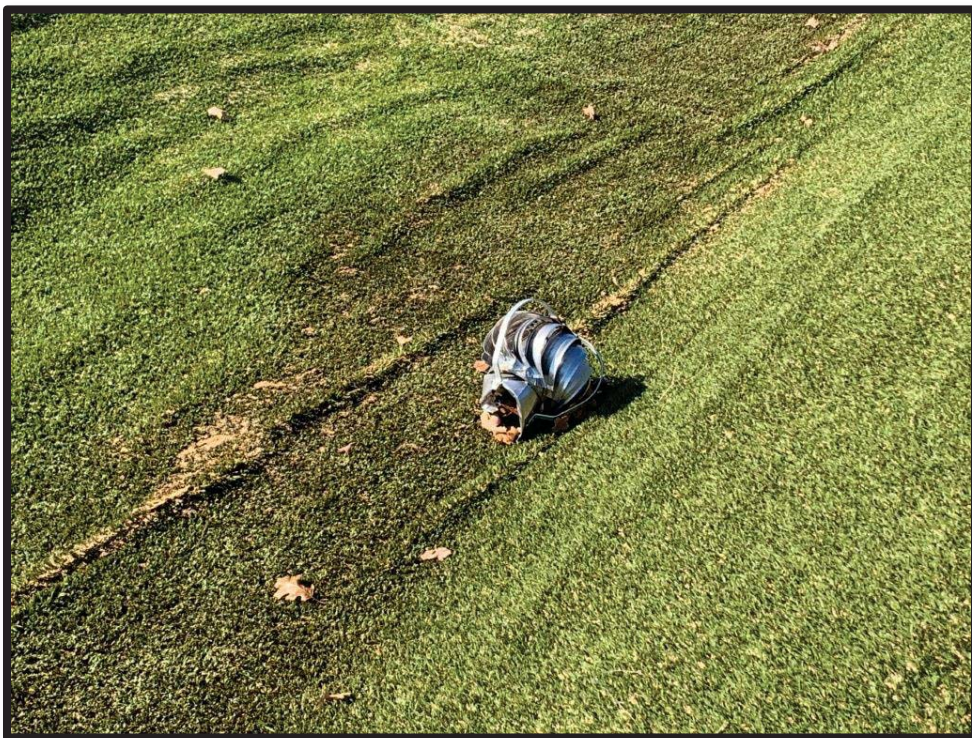
**Photograph 3:** View west of torn liner piece near LCS-1.



**Photograph 4:** View southwest of damaged vent pipe near LCS-1.



**Photograph 5:** View northeast of damaged vent pipe near LCS-1 (visible in distance).



**Photograph 6:** View of turbine vent near LCS-6 on east side of Area 1-3 cell.

**Attachment B**

**Field Notes and Leachate Collection System  
Status Inspection Form**

11/30/22


Nabors Landfill  
 13i-weekly leachate management  
 weather: 40's, sunny, breezy

1054: C. Gandy on-site  
 1058: Arrive at VCS-2  
 1101: Arrive at VCS-1  
 1104: Arrive at Leachate tank containment  
 - tank level 115.9"  
 - 5.75" of stormwater in containment  
 - pH & 8.65

1111: Arrive at LCS-1  
 1116: Arrive at LCS-2  
 - display will not advance screens

1119: Arrive at LCS-3  
 1121: Arrive at LCS-4  
 1124: Arrive at LCS-5  
 1128: Arrive at LCS-9  
 1134: Arrive at LCS-8  
 - leachate level extremely high @ 226"

1139: Arrive at LCS-7  
 1142: Arrive at LCS-6  
 1155: C. Gandy off-site







## Leachate Collection System Status

Date: 11/30/22 Arrival Time: 1054 Location: NABORS Landfill Leachate Tank Battery Level (inches): 5.75"

Weather Conditions: 40's, Sunny breezy

Panel Number	Display Functioning (Yes/No)	Leachate Level (inches)	Green Flashing? (Yes/No)	Amber Flashing? (Yes/No)	Red Flashing? (Yes/No)	Working in Hand? (Yes/No)	Working in Auto? (Yes/No)	VFD Status	Hours	Alarm	Comments
VLCS-1	N/A	N/A	N/A	N/A	N	Y	Y	N/A	N/A	N/A	Sump status: 3/4 full
VLCS-2	N/A	N/A	N/A	N/A	N	Y	Y	N/A	N/A	N/A	Sump status: 1/4 full
LCS-1	Y	15.0	N	N	N	Y	Y	-	142	N	Station OK
LCS-2	Y	67.2	N	N	N	N	N	-	-	-	display will not advance
LCS-3	Y	19.8	N	N	N	Y	Y	✓	60	N	station OK
LCS-4	Y	21.7	N	N	N	Y	Y	✓	210	N	" "
LCS-5	Y	20.7	N	N	N	Y	Y	✓	6	N	" "
LCS-6	Y	13.9	N	N	N	Y	Y	✓	21	N	" "
LCS-7	Y	12.9	N	N	N	Y	Y	✓	25	N	" "
LCS-8	Y	276.0	N	Y	N	N	N	-	409	Y	Pump fault
LCS-9	Y	3.4	N	N	N	Y	Y	✓	2191	N	station OK
General Comments:											