

Kacy Murillo (adpce.ad)

Subject: RE: Nabors Site Visit

From: Caleb Gourley [<mailto:cgourley@harborenv.com>]
Sent: Friday, February 24, 2023 8:55 AM
To: Clay McDaniel (adpce.ad)
Subject: Nabors Site Visit

AFIN: 03-00051
PMT#: 0249-S1-R2

Received

By Kacy Murillo at 8:02 am, Feb 27, 2023

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TO: [MM](#)>FILE <KM

Clay,

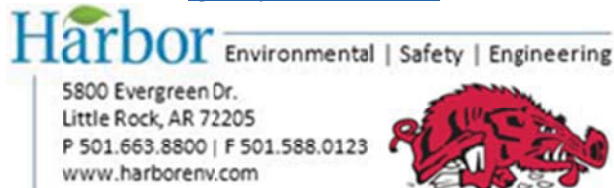
Please see the attached memo from the site inspection conducted at NABORS Landfill on 2/22/23.

If you have any questions, please let us know.

Thank you,

Caleb Gourley, *Project Manager*

C 501.351.0884 · cgourley@harborenv.com



DATE: February 24, 2023

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

Harbor visited the NABORS landfill in Mountain Home, Arkansas on February 22, 2023, to conduct the bi-weekly landfill inspection. Findings and observations from the landfill inspection are summarized below:

- There was no water observed in the stormwater containment. The level of leachate in the tanks was measured at 74.8”.
- VLCS-1 and VLCS-2 appeared to be functioning correctly.
- LCS-1 had a dialogue on its display that read “Autotest in Progress” (see photograph 1).
- LCS-2 had a high alarm. The station appears to not be functioning correctly. The “pump-on”, “pump-off”, “high-alarm, and “low-alarm” functions of the sump are all set at 0.0”. These settings are causing a malfunction.
- LCS-3 and LCS-8 had high alarms.
- LCS-4, LCS-6, and LCS-9 appeared to be functioning correctly.
- LCS-5 had no power to the station and was off-line.
- LCS-7 had a pump-fault.
- A piece of torn closure turf and a damaged vent pipe were observed near LCS-1. A turbine vent remains detached near LCS-6. Closure turf is torn in several areas near LCS-4. A new turbine vent has become detached near LCS-8 (see photographs 2 - 4).

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

Attachment A
Site Photographs



Photograph 1: View of dialogue on LCS-1 display.



Photograph 2: View of damaged closure turf near LCS-4.



Photograph 3: View of damaged closure turf near LCS-4.

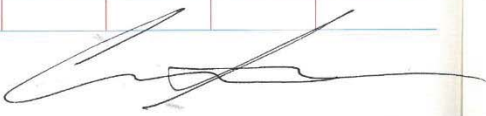


Photograph 4: View of detached turbine vent near LCS-8.

Attachment B

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

| Nabors Landfill | | 2/22/23 |
|-------------------------------|--|---------|
| Bi-weekly site visit | | |
| weather: 60's, cloudy, breezy | | |
| 1055: | C. Gowby on-site | |
| 1058: | Arrive at VLCS-2 | |
| 1101: | Arrive at VLCS-1 | |
| 1104: | Arrive at Tank Containment | |
| | - minimal water in containment, none released | |
| | - Tank level at 74.8 | |
| 1108: | Arrive at LCS-1 | |
| 1111: | Arrive at LCS-2 | |
| 1114: | Arrive at LCS-3 | |
| 1117: | Arrive at LCS-4 | |
| 1119: | Arrive at LCS-5 | |
| | - No power to station | |
| 1122: | Arrive at LCS-9 | |
| 1128: | Arrive at LCS-8 | |
| 1131: | Arrive at LCS-7 | |
| 1133: | Arrive at LCS-6 | |
| 1145: | C. Gowby off-site | |





Leachate Collection System Status

Date: 2/22/23 Arrival Time: 1055 Location: NABORS Landfill Leachate Tank Battery Level (inches): 0.0
 Weather Conditions: 60's, cloudy, 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: 1/2 Full |
| VLCS-2 | N/A | N/A | N/A | N/A | N | Y | Y | N/A | N/A | N/A | Sump status: 1/2 Full |
| LCS-1 | Y | - | N | N | N | - | - | - | - | - | "Autotest in progress" |
| LCS-2 | Y | 1.7 | Y | N | N | N | N | - | 1045 | Y | High Alarm |
| LCS-3 | Y | 36.5 | N | N | N | Y | Y | - | 60 | Y | " " |
| LCS-4 | Y | 22.6 | N | N | N | Y | Y | ✓ | 210 | N | Station ok |
| LCS-5 | N | - | - | - | - | - | - | - | - | - | station not operational |
| LCS-6 | Y | 1.6 | Y | N | N | Y | Y | ✓ | 26 | N | Station ok |
| LCS-7 | Y | 6.6 | N | N | Y | N | N | - | 29 | Y | Pump Fault |
| LCS-8 | Y | 9.7 | N | Y | N | N | N | - | 1173 | Y | High Alarm |
| LCS-9 | Y | 0.0 | 2191 | N | N | Y Y | Y | ✓ | 2191 | N | Station ok |
| General Comments: | | | | | | | | | | | |