

Kacy Murillo (adpce.ad)

Subject: RE: Nabors Bi-weekly Site Visit

From: Caleb Gourley [<mailto:cgourley@harborenv.com>]
Sent: Friday, May 19, 2023 8:11 AM
To: Clay McDaniel (adpce.ad) <Clay.McDaniel@adeq.state.ar.us>
Cc: Tom Huetter <thuetter@harborenv.com>
Subject: Nabors Bi-weekly Site Visit

AFIN: 03-00051

PMT#: 0249-S1-R2

Received

By Kacy Murillo at 10:11 am, May 22, 2023

DOC ID#: 84031

TO: MM>FILE <KM

Clay,

Please see the attached inspection memo from the bi-weekly sit visit conducted on May 18, 2023. The landfill appears largely unchanged from my previous site visits.

If you have any questions, please let me know.

Thank you,

Caleb Gourley, *Project Manager*
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DATE: May 19, 2023

TO: Clay McDaniel, *Engineer, Division of Environmental Quality*
Office of Land Resources, Assessment and Remediation, Technical Branch

FROM: Caleb Gourley, *Harbor Project Manager*

RE: Bi-weekly Site Inspection
NABORS Landfill
Mountain Home, AR
Harbor Project No: ADEQ-22340

Harbor visited the NABORS landfill in Mountain Home, Arkansas on May 18, 2023, to conduct the bi-weekly landfill inspection. Findings and observations from the landfill inspection are summarized below:

- Minimal stormwater was observed in the tank battery secondary containment. As such, no stormwater was released. The level of leachate in the tanks was measured at 48.3”.
- VLCS-1 was at capacity and overflowing (see photographs 1-2). A large area of wet soil caused by the overflow appears to be attracting deer as evidenced by an abundance of deer tracks.
- VLCS-2 appeared to be functioning correctly.
- LCS-1 has a pump fault.
- The display on LCS-2 is not functioning correctly, but the green strobe was activated.
- LCS-5 is not operational.
- LCS-3 and LCS-6 appeared to be functioning correctly.
- LCS-4, LCS-7, and LCS-8 had pump faults.
- LCS-9 display was working, but level at 0.0” and not working in “hand” mode.
- Closure turf remains torn on Area 1-2 above LCS-4 (see photographs 3-4).

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 stressed vegetation from VLCS-1 overflow. Abundant deer tracks visible in mud.



Photograph 2: View of overflow at VLCS-1.



Photograph 3: Closure turf tear around turbine vent on the south side of Area 1-2, near LCS-4.

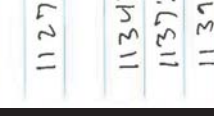


Photograph 4: Closure turf tear around PRV on the south side of Area 1-2, near LCS-4.

Attachment B

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

| Nabors Landfill | 5/16/23 |
|---|---------|
| Bi-weekly site visit | |
| weather: 70's, clear, light breeze | |
| 1050: C. Gowdy on-site | |
| 1053: Arrive at VLCS-2 | |
| 1056: Arrive at VLCS-1 | |
| 1100: Arrive at Leachate tank containment | |
| - minimal stormwater - none released | |
| - tank level @ 48.3" | |
| 1104: Arrive at LCS-1 | |
| 1109: Arrive at LCS-2 | |
| - display is not functioning, but green strobe is activated | |
| 1112: Arrive at LCS-3 | |
| - not working in AUTO | |
| 1115: Arrive at LCS-4 | |
| 1122: Arrive at LCS-5 | |
| - station not operational | |
| 1127: Arrive at LCS-9 | |
| - no power to UFD | |
| 1134: Arrive at LCS-8 | |
| 1137: Arrive at LCS-7 | |
| 1139: Arrive at LCS-6 | |
| 1152: C. Gowdy off-site | |




Leachate Collection System Status

 Date: 5/18/23 Arrival Time: 1050 Location: NABORS Landfill Leachate Tank Battery Level (inches): < 0.5"

 Weather Conditions: 70's clear, light breeze

| 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 | N | N | N/A | N/A | N/A | Sump status: at capacity |
| 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 | 0.0 | N | N | N | N | N | - | 147 | Y | Pump fault |
| LCS-2 | N | - | Y | - | - | - | N | 45.0 | - | - | Display not functioning |
| LCS-3 | Y | 13.6 | N | N | N | Y | N | RDY | 60 | N | Station ok |
| LCS-4 | Y | 0.0 | N | N | N | N | N | InF | 210 | Y | Pump fault |
| LCS-5 | N | - | - | - | - | - | - | - | - | - | Station not operational |
| LCS-6 | Y | 9.4 | N | N | N | Y | Y | RDY | 26 | N | Station ok |
| LCS-7 | Y | 0.0 | N | N | Y | N | N | - | 29 | Y | Pump fault |
| LCS-8 | Y | 9.7 | N | N | N | N | N | OCF | 1376 | Y | " " |
| LCS-9 | Y | 0.0 | N | N | N | N | N | - | 21a1 | N | station ok |
| General Comments: | | | | | | | | | | | |