

## Kacy Murillo (adpce.ad)

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

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**Received**

By Kacy Murillo at 3:37 pm, May 9, 2023

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**TO:** MM>FILE <KM

**From:** Tom Huetter [<mailto:thuetter@harborenv.com>]

**Sent:** Monday, May 8, 2023 3:20 PM

**To:** Clay McDaniel (adpce.ad) <[Clay.McDaniel@adeq.state.ar.us](mailto:Clay.McDaniel@adeq.state.ar.us)>

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

Clay-

Attached is the bi-weekly inspection report for NABORS. Let me know if you have any questions.

Thanks,

-Tom

Thomas A. Huetter, PG, RG, *Associate Director of Natural Resources*

HARBOR · C 501-205-9569 · [thuetter@harborenv.com](mailto:thuetter@harborenv.com)



**DATE:** May 8, 2023

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

**FROM:** Thomas Huetter, P.G., *Harbor Senior Project Manager*

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

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Harbor visited the NABORS landfill in Mountain Home, Arkansas on May 4, 2023, to conduct the bi-weekly landfill inspection. Findings and observations from the landfill inspection are summarized below:

- No stormwater was observed in the tank battery secondary containment (see photographs 1-2). The drain plug was observed in the discharge pipe. The level of leachate in the tanks was measured at 39.6".
- VLCS-1 was at capacity and overflowing (see photographs 3-4). 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 had a message on its display that read, "Firmware V4.6 Autotest in Progress." The station has a pump fault.
- LCS-2, LCS-5, and LCS-6 are not operational.
- LCS-3 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.
- Repairs to the closure turf and vents appears largely complete; although one vent pipe near LCS-1 appeared to still need repair (see photo 5).

Photographs are included in Attachment A. A copy of the field notes and the leachate collection system status form are included in Attachment B. Locations of bent/absent vent pipes and closure turf tears are included in Attachment C.

**Attachments:**

*Attachment A – Site Photographs*

*Attachment B – Leachate Collection System Status Form*

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



**Photograph 1:** View of dry conditions in leachate tank secondary containment.



**Photograph 2:** View of dry conditions in leachate tank secondary containment.





**Photograph 3:** View of VLCS-1 at full capacity and overflowing.



**Photograph 4:** View of stressed vegetation from VLCS-1 overflow. Abundant deer tracks visible in mud.





**Photograph 5:** Broken PRV and closure turf tear on the north side of Area 1-2, near LCS-1.



**Photograph 6:** Discarded five-gallon bucket with sand left over from liner repairs.

**Attachment B**

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



5/4/23

NABORS LANDFILL BI-WEEKLY SITE  
INSPECTION AND SEMI-ANNUAL GAS  
MONITORING EVENT.

WEATHER: OVERCAST, MID 60'S,  
LIGHT BREEZE

1059: T. HUBBETEN ONSITE

1101: ARRIVE AT GP-16R

1111: ARRIVE AT GP-15

1116: ARRIVE AT VICS-2

1119: ARRIVE AT VICS-1

1121: ARRIVE AT SCABE HOUSE

1127: ARRIVE AT TANK BATTERY

LEVEL AT 39.6", NO WATER  
IN SECONDARY CONTAINMENT.

UNLOAD SIDE BY SIDE.

1144: ARRIVE AT LCS-1. NO

CHANGE SINCE LAST INSPECT ON

1147: ARRIVE AT GP-16

1206: ARRIVE AT GP-17

1211: ARRIVE AT GP-13 & GP-18R

1219: ARRIVE AT GP-1

1227: ARRIVE AT LCS-2 CARGO STOPS  
FRESH.

1230: ARRIVE AT LCS-3

5/4/23

1233: ARRIVE AT LCS-4

1236: ARRIVE AT LCS-5

1241: ARRIVE AT LCS-9

1245: ARRIVE AT GP-3

1248: ARRIVE AT GP-2

1253: ARRIVE AT GP-4

1300: ARRIVE AT GP-5

1305: ARRIVE AT GP-6

1309: ARRIVE AT GP-7

1311: ARRIVE AT GP-8

1315: ARRIVE AT GP-9

1319: ARRIVE AT GP-10

1326: ARRIVE AT OFFICE

1332: ARRIVE AT GP-11

1340: ARRIVE AT GP-12

1344: ARRIVE AT GP-13

1352: ARRIVE AT GP-14R

1357: ARRIVE AT GP-14

1406: ARRIVE AT LCS-8

1408: ARRIVE AT LCS-7

1411: ARRIVE AT LCS-6

1413: BACK TO TANK FARM TO

LOAD LITY

1444: TH OFF SITE





## Leachate Collection System Status

Date: 5/4/23 Arrival Time: 1059 Location: NABORS Landfill Leachate Tank Battery Level (inches): 39.6"

Weather Conditions: OVERCAST, MID 60S, 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/A	Y	Y	N/A	N/A	N/A	Sump status: <u>OVERFLOWING</u>
VLCS-2	N/A	N/A	N/A	N/A	N/A	Y	Y	N/A	N/A	N/A	Sump status: <u>N 6'</u>
LCS-1	N	N/A	N/A	N/A	N/A	N	N	N/A	N/A	N/A	AUTOTEST
LCS-2	N	N/A	Y	N	N	Y	Y	N	4	N	GREEN STRIPES ON NO DISPLAY
LCS-3	Y	3.6	N	N	N	Y	Y	GOOD	60	N	
LCS-4	Y	0.0	N	N	N	N	N	N	210	PUMP FAULT	
LCS-5	N	—	—	—	—	—	—	—	—	—	DISPLAY OFF
LCS-6	Y	9.4	Y	N	N	Y	Y	GOOD	24	OK	LEVEL DID NOT DROP IN HAND MODE
LCS-7	Y	0.0	N	N	Y	N	N	GOOD	29	PUMP FAULT	
LCS-8	Y	4.7	N	N	N	N	N	GOOD	1376	PUMP FAULT	
LCS-9	Y	0.0	N	N	N	N	Y	GOOD	2191	OK	
General Comments:											