Kacy Murillo (adpce.ad)

Subject:	RE: Nabors Bi-Weekly Site Visit

From: Caleb Gourley [mailto:cgourley@harborenv.com]
Sent: Tuesday, June 6, 2023 8:30 AM
To: Clay McDaniel (adpce.ad) <Clay.McDaniel@adeq.state.ar.us>
Cc: Tom Huetter <thuetter@harborenv.com>
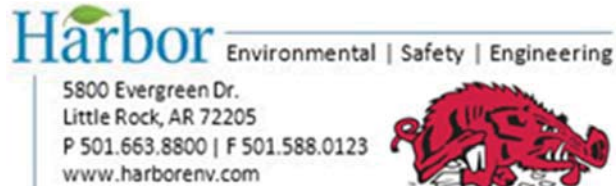**Subject:** Nabors Bi-Weekly Site Visit

Clay,

Please see the attached inspection memo from the site visit conducted at NABORS Landfill on June 2, 2023.

If you have any questions, please let us know.

Thank you,

Caleb Gourley, *Project Manager*
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DATE: June 6, 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 June 2, 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. As such, no stormwater was released. The level of leachate in the tanks was measured at 33.1".
- 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 displayed a message that read "Autotest in Progress."
- LCS-3 is functioning in "hand" mode only.
- LCS-2, LCS-5, and LCS-6 are not operational.
- LCS-4, LCS-7, and LCS-8 had pump faults.
- LCS-9 display was working, but level was 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 6/2/23
B: - weekly Leachate Management
weather: 80's, sunny, light breeze

1040: C. Gourley on-site
1043: Arrive at VLCS-2
1046: Arrive at VLCS-1
1051: Arrive at Leachate tank battery
- tank level @ 33.1"
- no stormwater in containment
1056: Arrive at LCS-1
- station reads "Autotest in progress"
1102: Arrive at LCS-2
- station not operational
1105: Arrive at LCS-3
1108: Arrive at LCS-4
1112: Arrive at LCS-5
- station offline
1117: Arrive at LCS-9
1123: Arrive at LCS-8
1127: Arrive at LCS-7
1126: Arrive at LCS-6
1135 - station not operational
1136: C. Gourley off-site

Nabors Landfill 5/16/23
B: - weekly site visit
weather: 70's, clear, light breeze

1050: C. Gourley 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 VFD
1134: Arrive at LCS-8
1137: Arrive at LCS-7
1139: Arrive at LCS-6
1152: C. Gourley off-site

Harbor

Leachate Collection System Status

Date: 6/2/23   **Arrival Time:** 1040   **Location:** NABORS Landfill   **Leachate Tank Battery Level (inches):** 0.0

Weather Conditions: 80's, sunny, 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	—	—	—	—	—	—	—	—	/	Autotest in progress
LCS-2	N	—	—	—	—	—	—	RDY	—	—	station not operational
LCS-3	Y	14.1	N	N	N	Y	N	—	60	N	station ok
LCS-4	Y	0.0	N	N	N	N	N	INF	210	Y	Pump fault
LCS-5	N	—	—	—	—	—	—	—	—	—	Not operational
LCS-6	N	—	—	—	—	—	—	—	—	—	"
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	Pump fault
LCS-9	Y	0.0	N	N	N	N	N	N	2191	N	

General Comments: