

Karen Blue (adpce.ad)

To: Clay McDaniel (adpce.ad)
Subject: RE: Nabors Landfill Bi-Weekly Site Visit

AFIN: 03-00051
PMT#: 0249-S1-R2
Received By Karen Blue at 10:18 am, Mar 9, 2023
DOC ID#: 83525
TO: MM>FILE <KMB

From: Caleb Gourley [<mailto:cgourley@harborenv.com>]
Sent: Wednesday, March 8, 2023 4:43 PM
To: Clay McDaniel (adpce.ad)
Subject: Nabors Landfill Bi-Weekly Site Visit

Clay,

Please see the attached inspection memo from the bi-weekly site visit conducted at NABORS Landfill on 3/8/2023.

If you have any questions, please let me know.

Thank you,

Caleb Gourley, *Project Manager*
C 501.351.0884 · cgourley@harborenv.com

Harbor Environmental | Safety | Engineering
5800 Evergreen Dr.
Little Rock, AR 72205
P 501.663.8800 | F 501.588.0123
www.harborenv.com



DATE: March 8, 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 March 8, 2023, to conduct the bi-weekly landfill inspection. Findings and observations from the landfill inspection are summarized below:

- Approximately 2.5 inches of stormwater was observed in the tank containment. The pH of the stormwater was measured at 8.67 and approximately 1.0 inches of stormwater was released from containment while Harbor was onsite. The level of leachate in the tanks was measured at 25.2”.
- VLCS-1 was at capacity and overflowing (see photograph 1). VLCS-2 appeared to be functioning correctly.
- LCS-1, LCS-2, LCS-4, LCS-7, and LCS-8 had a pump fault.
- LCS-3 had a high alarm due to the sump not working in the “auto” setting. The sump was run in the “hand” function to pump approximately 5.0 inches of leachate to the collection tanks.
- LCS-5 and LCS-6 had no power to the stations, both were completely off-line.
- LCS-9 appeared to be functioning correctly.
- 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 VLCS-1 at capacity.



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	Nabors Landfill		3/6/23
Bi-weekly site visit			Bi-weekly site visit		
weather: 60's, cloudy, breezy			weather: 50's, cloudy, breezy		
1055:	C. Gowdy on-site		1120:	C. Gowdy on-site	
1058:	Arrive at VLCS-2		1123:	Arrive at VLCS-2	
1101:	Arrive at VLCS-1		1127:	Arrive at VLCS-1	
1104:	Arrive at Tank Containment			- Sump at capacity	
	- minimal water in containment, none released		1130:	Arrive at tank containment	
	- Tank level at 74.8			- 25.2" of leachate	
1108:	Arrive at LCS-1			- 2.5" of stormwater	
1111:	Arrive at LCS-2			- pH @ 8.67	
1114:	Arrive at LCS-3		1136:	Arrive at LCS-1	
1117:	Arrive at LCS-4		1140:	Arrive at LCS-2	
1119:	Arrive at LCS-5		1143:	Arrive at LCS-3	
	- No power to station			- not working in auto, leachate manually pumped off	
1122:	Arrive at LCS-9		1145:	Arrive at LCS-4	
1128:	Arrive at LCS-8		1148:	Arrive at LCS-5	
1131:	Arrive at LCS-7			- station off-line	
1133:	Arrive at LCS-6		1156:	Arrive at LCS-9	
1145:	C. Gowdy off-site		1202:	Arrive at LCS-8	
			1204:	Arrive at LCS-7	
			1206:	Arrive at LCS-6	
			1215:	C. Gowdy off-site	



Leachate Collection System Status

Date: 3/8/23 Arrival Time: 1120 Location: NABORS Landfill Leachate Tank Battery Level (inches): 2.5"
 Weather Conditions: 50'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	N	N	N/A	N/A	N/A	Sump status: <u>at capacity</u>
VLCS-2	N/A	N/A	N/A	N/A	N	Y	Y	N/A	N/A	N/A	Sump status: <u>1/2 full</u>
LCS-1	Y	0.0	N	N	N	N	N	-	147	Y	<u>Pump Fault</u>
LCS-2	Y	15.3	N	N	N	N	N	-	1248	Y	<u>" "</u>
LCS-3	Y	39.5	N	N	N	Y	N	-	60	Y	<u>High Alarm</u>
LCS-4	Y	0.0	N	N	N	N	N	-	210	Y	<u>Pump Fault</u>
LCS-5	N	-	-	-	-	-	-	-	-	-	<u>station off-line</u>
LCS-6	N	-	-	-	-	-	-	-	-	-	<u>" "</u>
LCS-7	Y	9.0	N	N	Y	N	N	-	29	Y	<u>Pump Fault</u>
LCS-8	Y	9.7	N	N	N	N	N	-	1376	Y	<u>Pump Fault</u>
LCS-9	Y	0.0	N	N	N	Y	Y	-	2121	N	<u>Station OK</u>
General Comments:											