

**DATE:** November 21, 2022

**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

**AFIN:** 03-00051

**PMT#:** 0249-S1-R2

**Received**  
*By Karen Blue at 4:31 pm, Nov 28, 2022*

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**TO:** MM>FILE <KMB

Harbor visited the NABORS landfill in Mountain Home, Arkansas on November 18, 2022, to conduct the bi-weekly landfill inspection. Findings and observations from the landfill inspection are summarized below:

- There were approximately 3.75 inches of stormwater observed in the tank containment. The pH was measured at 8.42, and approximately 1.5 inches of stormwater was released while Harbor was on site (see photographs 1-2).
- The leachate tank level was at 118.8 inches indicating the system functionality has significantly improved since repairs were made by AFT.
- Both VLCS-1 and VLCS-2 appear to be functioning correctly.
- LCS-1, LCS-3, LCS-4, LCS-5, LCS-7, and LCS-9 had no alarms and appeared to be functioning correctly.
- LCS-2 appears to be functioning, but the display will not advance screens to check for alarms and run time. The only screen the display shows is the sump level.
- LCS-6 had a high alarm, while LCS-8 had a low alarm.
- A piece of torn closure turf and a damaged vent pipe were observed near LCS-1 (see photographs 3 - 5). A turbine vent remains detached (see photograph 6) near LCS-6.

AFT has completed the remaining repairs. 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**

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**Photograph 1:** View north of stormwater in leachate tank containment.



**Photograph 2:** View west of stormwater in leachate tank containment.



**Photograph 3:** View west of torn liner piece near LCS-1.



**Photograph 4:** View southwest of damaged vent pipe near LCS-1.



**Photograph 5:** View northeast of damaged vent pipe near LCS-1 (visible in distance).

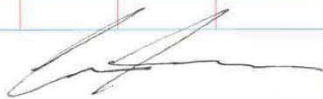


**Photograph 6:** View of turbine vent near LCS-6 on east side of Area 1-3 cell.

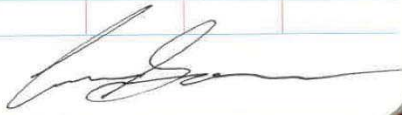
**Attachment B**

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

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Nabors Landfill		10/20/22
Bi-weekly site visit		
weather: 60's, sunny, clear		
1100:	C. Gowdy on-site	
1104:	Arrive at VLCS-2	
	- sump at capacity	
1109:	Arrive at VLCS-1	
1112:	Arrive at Leachate tank battery.	
	- tank level @ 2.7'	
	- no stormwater in containment	
1115:	Arrive at LCS-1	
	- station reset	
1123:	Arrive at LCS-2	
	- station not operational	
1125:	Arrive at LCS-3	
	- sump leaking	
1129:	Arrive at LCS-4	
1133:	Arrive at LCS-5	
1137:	Arrive at LCS-9	
1143:	Arrive at LCS-8	
1145:	Arrive at LCS-7	
1147:	Arrive at LCS-6	
1200:	C. Gowdy off-site	
		

Nabors Landfill		11/18/22
Bi-weekly site visit		
weather: 30's, partly cloudy, breezy		
1006:	C. Gowdy on-site	
1010:	Arrive at VLCS-2	
1013:	Arrive at VLCS-1	
1016:	Arrive at leachate tank battery	
	- tank level @ 118.8'	
	~ 3.75" of stormwater in containment	
	- pH @ 8.42	
	- 1.5" of stormwater released	
1022:	Arrive at LCS-1	
1026:	Arrive at LCS-2	
	- display not working correctly	
1029:	Arrive at LCS-3	
1031:	Arrive at LCS-4	
	- tam closure turf around vent pipes	
1034:	Arrive at LCS-5	
1038:	Arrive at LCS-9	
1044:	Arrive at LCS-8	
1047:	Arrive at LCS-7	
1050:	Arrive at LCS-6	
1100:	C. Gowdy off-site	
		



**Leachate Collection System Status**

Date: 11/18/22 Arrival Time: 1006 Location: NABORS Landfill Leachate Tank Battery Level (inches): 3.75"  
 Weather Conditions: 30's, partly 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	~	Y	Y	N/A	N/A	N/A	Sump status: 1/2 full
VLCS-2	N/A	N/A	N/A	N/A	~	Y	Y	N/A	N/A	N/A	Sump status: 1/4 full
LCS-1	Y	20.9	~	~	~	Y	Y	✓	141	~	station ok
LCS-2	Y	66.5	~	~	~	~	~	-	-	-	display will not advance
LCS-3	Y	12.9	~	~	~	Y	Y	✓	60	~	station ok
LCS-4	Y	21.6	~	~	~	Y	Y	✓	210	~	" "
LCS-5	Y	20.4	~	~	~	Y	Y	✓	5	~	" "
LCS-6	Y	78.9	~	~	Y	Y	Y	-	1	Y	High Alarm
LCS-7	Y	21.9	~	~	~	Y	Y	✓	18	~	station ok
LCS-8	Y	2.0	~	~	~	Y	Y	-	409	Y	Low Alarm
LCS-9	Y	3.5	~	~	~	Y	Y	✓	211	~	station ok
General Comments:											