

**DATE:** March 24, 2023

**TO:** Clay McDaniel, Project Manager, DEQ - Office of Land Resources

**FROM:** Thomas Huetter, Senior Project Manager, Harbor

**RE:** Bi-weekly Site Inspection  
NABORS Landfill  
Mountain Home, AR

<b>AFIN:</b> 03-00051
<b>PMT#:</b> 0249-S1-R2
<b>Received</b> By Karen Blue at 4:36 pm, Mar 27, 2023
<b>DOC ID#:</b> 83681
<b>TO:</b> MM>FILE <KMB

Harbor visited the NABORS landfill in Mountain Home, Arkansas on March 22, 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 8.32 SU. Approximately 1.5 inches of stormwater were released from the containment while Harbor was onsite (see photographs 1-2). The level of leachate in the tanks was measured at 19.8”.
- VLCS-1 was at capacity and overflowing (see photographs 3-4). VLCS-2 appeared to be functioning correctly.
- The LCS-1, LCS-2, LCS-4, LCS-7, and LCS-8 main panel displays indicated a pump fault. All points were powered down then restarted and the pump fault remained.
- LCS-5 had no power.
- The LCS-6 main panel display was off, but the panel had power. It could not be determined whether this LCS point is functioning correctly.
- The LCS-9 variable frequency drive display was off. It could not be determined whether this LCS point is functioning correctly.
- LCS-3 appeared to be functioning correctly at the leachate level dropped when the panel was placed in “hand” mode.

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 stormwater in leachate tank containment.



**Photograph 2:** Stormwater pH measurement.



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



**Photograph 4:** Additional view of VLCS-1 at full capacity and overflowing.

**Attachment B**

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

3/22/23

NABORS BI-WEEKLY SITE INSPECTION  
 WEATHER: PART MOSTLY CLOUDY, BREEZY,

60-70s

1119: J. HUNTER ON SITE.

1122: ARRIVE AT VLCS-2. YELLOW

STROBE OFF. ~~FA~~ SUMP LEVEL

≈ 6' BELOW TOP

1128: ARRIVE AT LCS-1. SUMP OVER-

FLOWING, STROBE OFF, AT LEAST

ONE BLOWN FUSE

1134: ARRIVE AT TANK FARM, LEVEL AT

19.8" ± 2-3" STORM WATER IN

CONTAINMENT PH = 8.32

VALVE

1153: ARRIVE AT LCS-1. AUTOTEST

MESSAGE

1200: ARRIVE AT LCS-2. PUMP FAULT

RESET BREAKER, YELLOW FLASHED

BRIEFLY, THEN TRIPPER AGAIN

ALL ALARMS, PUMP ON/OFF SET TO 0.0

1211: ARRIVE AT LCS-3

1215: " " LCS-4 - PUMP FAULT

1222: " " LCS-5 - NO POWER

1227: " " LCS-9

1244: " " LCS-8 - PUMP FAULT



3/22/23

1249: ARRIVE ~~AT~~ AT LCS-7, RED

STROBE FLASHING

1254: ARRIVE AT LCS-6. DISPLAY

PANEL NOT WORKING BUT ISSUES TO

WORK IN HAND.

1301: BACK AT LCS-1 TO RE-BOOT

POWER. NO DISPLAY ON VFD (RED

LIGHT)

AFTER RE-SET, LEVEL = 0.0

147 HOURS, PUMP FAULT

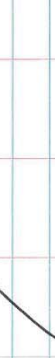
1317: BACK TO TANK FARM TO

CLOSE CONTAINMENT DRAIN VALVE

1330: TH OFF SITE












Leachate Collection System Status

Date: 3/22/23 Arrival Time: 11:19 Location: NABORS Landfill Leachate Tank Battery Level (inches): 19.3

Weather Conditions:

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: FULL
VLCS-2	N/A	N/A	N/A	N/A	N	-	-	N/A	N/A	N/A	Sump status: LG <sup>1</sup>
LCS-1	Y	0.0	N	N	N	N	N	OFF	147	Y	FIRMWARE V1.6 AUTO TEST IN PROGRESS
LCS-2	Y	22.0	N	N	N	N	N	N/A	1248	Y	PUMP FAULT
LCS-3	Y	40.5	Y	N	N	Y	Y	GOOD	60	N	
LCS-4	Y	0.0	N	N	N	N	N	RDY		Y	PUMP FAULT
LCS-5	N	N/A	N	N	N	N	N	N/A	N/A	N/A	No Power
LCS-6	Y	0.0	N	N	N	N	N	N/A	2191	OK	NO DISPLAY ON VFD
LCS-7	Y	11.2	N	N	Y	N	N	OFF	29	Y	PUMP FAULT
LCS-8	Y	9.7	N	N	N	N	N	SCF	1376	Y	PUMP FAULT
LCS-9	N							RDY			DISPLAY TANK OFF
<b>General Comments:</b> Blown FUSE(s) @ VLCS-1 / LCS-6: GREEN SIGNAL AND VFD ON WITH PARS IN HAND											