



**DIVISION OF
ENVIRONMENTAL QUALITY**

Sarah Huckabee Sanders
GOVERNOR

Shane E. Khoury
SECRETARY

Certified Mail: Return Receipt Requested
9489 0090 0027 6022 1748 24

December 23, 2025

Elizabeth Mack, Senior Environmental Compliance Specialist
Department of Environmental Services
755 N. Franklin, Springfield MO 65802

**Re: Semi-Annual Leachate Report - Second Half 2025
NABORS Landfill, Mountain Home, Arkansas
ADEQ Permit No. 0249-S1-R2, AFIN 03-00051
Wastewater Contribution Permit No. 593**

Dear Ms. Mack:

The Arkansas Department of Energy and Environment, Division of Environmental Quality (DEQ), is pleased to submit the enclosed *Semi-Annual Leachate Report – Second Half 2025* for the NABORS Landfill. The report, prepared by Harbor, documents the results of leachate sampling and analysis conducted during the reporting period.

As indicated in the report, the analytical results did not exceed the permit limits. The field-measured pH is not included in the current report. The pH measurement was taken in the field but was inadvertently not recorded. Effort will be made to include this information in future reports.

If you have any questions or require additional information, please contact me at (501) 682-0836 or clay.mcdaniel@arkansas.gov.

Sincerely,

A handwritten signature in blue ink that reads "Clay McDaniel".

Clay McDaniel
Engineer,
Office of Land Resources

Enclosure: Harbor Technical Memorandum – *Semi-Annual Leachate Report – Second Half 2025*

DATE: December 22, 2025

TO: Emily Brickman, P.G., *Senior Project Manager – Geologist, EnSafe*

CC: Bryan Leamons, P.E., *Associate Director, Office of Land Resources, Division of Environmental Quality*

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

RE: Semi-Annual Leachate Report – Second Half 2025
NABORS Landfill
Mountain Home, AR
Harbor Project No: L82247885

Attached are the results of the leachate analysis for the second half 2025 reporting period for the referenced facility. The leachate generated at the NABORS Landfill is transported by 417 Services LLC to the City of Springfield, MO wastewater collection system under Wastewater Contribution Permit #593. A total of 102 loads totaling 392,700 gallons of leachate were generated and hauled during the six-month period.

A sample of the leachate plus a duplicate sample was collected on November 3, 2025, and submitted for laboratory analysis. A copy of the laboratory analytical report is included in Attachment A of this report. None of the detected concentrations exceeded the permit requirements. Table 1 below summarizes the analytical methods and results of the analyses. The metals results were converted from micrograms per liter to milligrams per liter for comparison to the permit requirements.

A Certification Statement to be signed by the designated signatory at DEQ and a spreadsheet tracking leachate loads and daily flow (based on loads per month) are included in Attachment B of this report.

Attachments:

Attachment A – Laboratory Analytical Report

Attachment B – Certification Statement and Flow Tracking

Table 1 – Summary of Leachate Analytical Results – May 2025

Parameter	Analytical Method	Units	Permit Requirement	Leachate	Leachate Duplicate
Arsenic	EPA 200.8 Rev 5.4 (1994)	mg/L	0.51	0.0504	0.0496
Cadmium	EPA 200.8 Rev 5.4 (1994)	mg/L	0.13	< 0.000260	< 0.000260
Chromium	EPA 200.8 Rev 5.4 (1994)	mg/L	2.91	0.0980	0.0955
Copper	EPA 200.8 Rev 5.4 (1994)	mg/L	2.44	0.000810	0.000772
Lead	EPA 200.8 Rev 5.4 (1994)	mg/L	0.53	< 0.000416	< 0.000416
Mercury	SW7470A/EPA245.1,3.0 (1994)	mg/L	0.02	< 0.000200	< 0.000200
Nickel	EPA 200.8 Rev 5.4 (1994)	mg/L	5.79	0.272	0.266
Phosphorus	EPA 200.8 Rev 5.4 (1994)	mg/L	Monitoring Requirement Only	0.991	0.999
Zinc	EPA 200.8 Rev 5.4 (1994)	mg/L	6.54	< 0.0208	< 0.0208
Ammonia as N	SM 4500-NH3 B,D,C-2011	mg/L	Monitoring Requirement Only	272	283
Cyanide (total)	SM 4500-CN B,E-2011	mg/L	0.33	< 0.010	< 0.010
Flashpoint	SW 1010B, 2018	°C	<140°F	Did Not Flash	Did Not Flash
Oil and Grease	EPA 1664 Mod, Rev. B 2010	mg/L	100	< 4.90	< 4.90
pH	SM 4500-H+ B-2011	S.U.	5.0 (minimum) 12.5 (maximum)	7.17	7.15

Notes:

- S.U. – standard units;
- °C – degrees Celsius;
- mg/L – milligrams per liter;
- metals results converted from micrograms per liter (as shown in lab report) to mg/L for comparison to permit requirements.

Attachment A

Laboratory Analytical Report



8100 National Dr. - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

18 November 2025

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205

Project: NABORS Landfill Leachate Sample(s)

Project Number: November 2025

SDG Number: 2511061

Enclosed are the results of analyses for samples received by the laboratory on 04-Nov-25 12:38. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Received On Ice	✓
Temperature on Receipt	1.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
Technical Director

18 November 2025

Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Leachate Sample(s)
Project Number: November 2025
Date Received: 04-Nov-25 12:38



CASE NARRATIVE

Sample Delivery Group – 2511061

One OR more of the qualifiers described below may appear in this report. Qualifiers in RED apply to this SDG (Sample Delivery Group).

FLASHPOINT QUALIFIER:

<u>Qualifier</u>	<u>Description</u>
DF	Sample DID FLASH below method required temperature of 60 degrees C or 140 degrees F.
DNF	Sample DID NOT FLASH at or below method required temperature of 100 degrees C or 212 degrees F.

pH QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
E2	Result qualified as it was received and analyzed outside of holding time. Analysis is considered a "Field" analysis.

18 November 2025



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Leachate Sample(s)
Project Number: November 2025
Date Received: 04-Nov-25 12:38

ANALYTICAL RESULTS

Lab Number: 2511061-01
Sample Name: Leachate
Date/Time Collected: 11/3/25 16:30
Sample Matrix: Leachate

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Arsenic	ug/L	50.4		11/11/25 14:32	B511151	EPA 200.8, Rev. 5.4(1994)
Cadmium	ug/L	< 0.260		11/11/25 14:32	B511151	EPA 200.8, Rev. 5.4(1994)
Chromium	ug/L	98.0		11/11/25 14:32	B511151	EPA 200.8, Rev. 5.4(1994)
Copper	ug/L	0.810		11/11/25 14:32	B511151	EPA 200.8, Rev. 5.4(1994)
Lead	ug/L	< 0.416		11/11/25 14:32	B511151	EPA 200.8, Rev. 5.4(1994)
Mercury	ug/L	< 0.200		11/7/25 15:42	B511039	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	272		11/11/25 14:32	B511151	EPA 200.8, Rev. 5.4(1994)
Phosphorus	mg/L	0.991		11/10/25 10:47	B511038	EPA 200.7, Rev 4.4 (1994)
Zinc	ug/L	< 20.8		11/11/25 14:32	B511151	EPA 200.8, Rev. 5.4(1994)
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Ammonia as N	mg/L	272		11/7/25 8:00	B511103	SM 4500-NH3 B,D,C-2021/EPA 1831
Cyanide (total)	mg/L	< 0.010		11/5/25 10:23	B511042	SM 4500-CN B,C,E,G 2021
Flashpoint	°C	Did Not Flash	DNF*	11/7/25 16:20	B511075	SW 1020C, 2018
Oil and Grease	mg/L	< 4.90		11/7/25 9:31	B511133	EPA1664 Mod. Rev. B 2010
pH	S.U.	7.17	E2	11/10/25 15:01	B511179	SM 4500-H+ B-2021
Temp of pH	°C	26.2		11/10/25 15:01	B511179	SM 2550 B-2010

18 November 2025



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Leachate Sample(s)
Project Number: November 2025
Date Received: 04-Nov-25 12:38

ANALYTICAL RESULTS

Lab Number: 2511061-02
Sample Name: Leachate Duplicate
Date/Time Collected: 11/3/25 16:30
Sample Matrix: Leachate

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Arsenic	ug/L	49.6		11/11/25 14:36	B511151	EPA 200.8, Rev. 5.4(1994)
Cadmium	ug/L	< 0.260		11/11/25 14:36	B511151	EPA 200.8, Rev. 5.4(1994)
Chromium	ug/L	95.5		11/11/25 14:36	B511151	EPA 200.8, Rev. 5.4(1994)
Copper	ug/L	0.772		11/11/25 14:36	B511151	EPA 200.8, Rev. 5.4(1994)
Lead	ug/L	< 0.416		11/11/25 14:36	B511151	EPA 200.8, Rev. 5.4(1994)
Mercury	ug/L	< 0.200		11/7/25 15:46	B511039	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	266		11/11/25 14:36	B511151	EPA 200.8, Rev. 5.4(1994)
Phosphorus	mg/L	0.999		11/10/25 10:48	B511038	EPA 200.7, Rev 4.4 (1994)
Zinc	ug/L	< 20.8		11/11/25 14:36	B511151	EPA 200.8, Rev. 5.4(1994)
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Ammonia as N	mg/L	283		11/7/25 8:00	B511103	SM 4500-NH3 B,D,C-2021/EPA 200.1
Cyanide (total)	mg/L	< 0.010		11/5/25 10:23	B511042	SM 4500-CN B,C,E,G 2021
Flashpoint	°C	Did Not Flash	DNF*	11/7/25 16:20	B511075	SW 1020C, 2018
Oil and Grease	mg/L	< 4.90		11/7/25 9:31	B511133	EPA1664 Mod, Rev. B 2010
pH	S.U.	7.15	E2	11/10/25 15:01	B511179	SM 4500-H+ B-2021
Temp of pH	°C	26.6		11/10/25 15:01	B511179	SM 2550 B-2010

18 November 2025



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Leachate Sample(s)
Project Number: November 2025
Date Received: 04-Nov-25 12:38

QUALITY CONTROL RESULTS

Total Metals -- Batch: B511038 (Water)

Prepared: 05-Nov-25 09:24 By: KAW -- Analyzed: 10-Nov-25 10:27 By: KAW

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Phosphorus	<0.094 mg/L	115% / NA	119% / 113%		5.41%	

Total Metals -- Batch: B511039 (Water)

Prepared: 05-Nov-25 09:26 By: KAW -- Analyzed: 07-Nov-25 14:56 By: KAW

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Mercury	<0.200 ug/L	93.1% / NA	95.6% / 95.9%		0.299%	

Wet Chemistry -- Batch: B511042 (Water)

Prepared: 05-Nov-25 10:23 By: KJ -- Analyzed: 05-Nov-25 10:23 By: KJ

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Cyanide (total)	<0.010 mg/L	91.0% / 106%	89.0% / NA		15.2%	

Wet Chemistry -- Batch: B511075 (Water)

Prepared: 06-Nov-25 13:10 By: CNW -- Analyzed: 07-Nov-25 16:20 By: CNW

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Flashpoint	NA	Ignitable / Ignitable	NA / NA		3.64%	Pass1

Wet Chemistry -- Batch: B511103 (Water)

Prepared: 07-Nov-25 08:00 By: KJ -- Analyzed: 07-Nov-25 08:00 By: KJ

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Ammonia as N	<0.500 mg/L	97.3% / NA	101% / 102%		1.05%	

Wet Chemistry -- Batch: B511133 (Water)

Prepared: 07-Nov-25 09:31 By: KD -- Analyzed: 07-Nov-25 09:31 By: KD

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Oil and Grease	<5.00 mg/L	91.2% / 113%	98.5% / NA		21.5%	D

18 November 2025



Tom Huetter
Harbor Environmental & Safety
5800 Evergreen Dr.
Little Rock, AR 72205
Project: NABORS Landfill Leachate Sample(s)
Project Number: November 2025
Date Received: 04-Nov-25 12:38

QUALITY CONTROL RESULTS

Total Metals -- Batch: B511151 (Water)

Prepared: 10-Nov-25 09:16 By: ST -- Analyzed: 11-Nov-25 13:38 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Arsenic	<0.260 ug/L	98.2% / NA	100% / 98.8%		1.61%	
Cadmium	<0.260 ug/L	100% / NA	101% / 101%		0.759%	
Chromium	<0.260 ug/L	96.9% / NA	97.0% / 96.1%		0.895%	
Copper	<0.520 ug/L	97.3% / NA	99.9% / 96.4%		3.54%	
Lead	<0.416 ug/L	98.4% / NA	107% / 107%		0.285%	
Nickel	<1.56 ug/L	100% / NA	101% / 98.8%		2.09%	
Zinc	<20.8 ug/L	99.0% / NA	102% / 102%		0.176%	

Wet Chemistry -- Batch: B511179 (Water)

Prepared: 10-Nov-25 14:56 By: CGF -- Analyzed: 10-Nov-25 14:56 By: CGF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	101% / 101%	NA / NA		0.00%	

QUALIFIER(S)

- *D: RPD Value Does Not Meet Laboratory Acceptance Criteria
- *DNF*: Sample DID NOT FLASH at or below method required temperature of 100 degrees C or 212 degrees F.
- *E2: Estimated Result; Analyzed Outside of Holding Time
- *Pass1: Quality Control Meets Lab Acceptability Requirements

All Analysis performed according to EPA approved methodology when available:

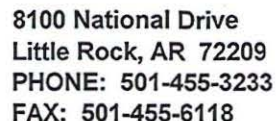
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is written over a horizontal line.

Reviewed by:

Norma James
Technical Director



CLIENT INFORMATION				Project Description				Turnaround Time				Preservation Codes:															
Harbor Environmental & Safety				NABORS Landfill				1 Day (100%)				1. Cool, 6 Degrees Centigrade						4. Thiosulfate for Dechlorination									
5800 Evergreen Dr.				Leachate Sample				2 Day (50%)				2. Sulfuric Acid (H ₂ SO ₄), pH < 2						5. Hydrochloric Acid (HCl)									
Little Rock, AR 72205				Reporting Information				3 Day (25%)				3. Nitric Acid (HNO ₃), pH < 2						6. Sodium Hydroxide (NaOH), pH > 12									
Attn: Tom Huetter				Telephone: 501-663-8800				5 Day (Routine)				TEST PARAMETERS												Bottle Type Code			
				Email: thuetter@harborenv.com				Preservative Code:				1		1,2		1,6		1,2		1,3						G = Glass; P = Plastic	
								Bottle Type:				P		P		P		GA		P				V = Septum; A = Amber			
Sampler(s) Signature				Sampler(s) Printed								Flashpoint, pH		Ammonia		Cyanide		Oil and Grease		P (200.7), Hg		200.8-(As, Cd, Cr, Cu, Pb, Ni, Zn)		Arkansas Analytical Work Order Number:			
Field Number		SAMPLE COLLECTION		Grab		Comp		Number of Bottles		Sample Matrix		SAMPLE IDENTIFICATION/ DESCRIPTION															
LEACHATE		11/3/25 1630		X				5		Liquid		Leachate				X		X		X		X				01	
LEACHATE DUP		11/3/25 -		X				5		Liquid		Leachate Duplicate				X		X		X		X				02	

Attachment B

Certification Statement

Discharge Monitoring Report Certification Statement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

All samples and measurements taken are to the best of my knowledge representative of the permitted wastewater discharge.

All sampling, measurements, and analyses were conducted in accordance with guidelines prescribed in 40 CFR 136 and the Wastewater Contribution Permit obtained from the City of Springfield, Missouri.

Bryan Leamons
Signature (Legible)
BRYAN LEAMONS

Deputy Director
Title

Arkansas Energy and Environment - Div. of Environmental Quality
Name of Facility

December 22, 2025
Date

NABORS Landfill Leachate Hauling Tracking Second Half 2025 Manifest Data
Hauling Completed by Brad Leonard at 417 Services LLC (brad@417services.com, 417-935-4459) via Harbor
Approximately 3,850 gallon loads
Wastewater Contribution Permit #593, expires September 12, 2028
City of Springfield, MO

Start Date	End Date	Manifest Number	Total Number of Loads (cumulative)	Volume Removed (gallons)	Total Volume Removed (gallons - cumulative)	Monthly Load Total	Monthly Volume Total	Average Daily Flow (gallons per day) (calculated on a per month volume)	Notes/Source of Information
6/30/2025	7/1/2025	299024	1	3,850	3,850				Manifest review
7/1/2025	7/1/2025	299020	2	3,850	7,700				Manifest review
7/4/2025	7/4/2025	299054	3	3,850	11,550				Manifest review
7/5/2025	7/5/2025	299058	4	3,850	15,400				Manifest review
7/5/2025	7/5/2025	299063	5	3,850	19,250				Manifest review
7/6/2025	7/6/2025	299055	6	3,850	23,100				Manifest review
7/6/2025	7/6/2025	299064	7	3,850	26,950				Manifest review
7/7/2025	7/7/2025	299057	8	3,850	30,800				Manifest review
7/8/2025	7/8/2025	299082	9	3,850	34,650				Manifest review
7/11/2025	7/11/2025	299061	10	3,850	38,500				Manifest review
7/12/2025	7/12/2025	299056	11	3,850	42,350				Manifest review
7/12/2025	7/12/2025	299062	12	3,850	46,200				Manifest review
7/13/2025	7/13/2025	299060	13	3,850	50,050				Manifest review
7/13/2025	7/13/2025	299059	14	3,850	53,900				Manifest review
7/17/2025	7/17/2025	299052	15	3,850	57,750				Manifest review
7/17/2025	7/18/2025	299053	16	3,850	61,600				Manifest review
7/18/2025	7/18/2025	299010	17	3,850	65,450				Manifest review
7/19/2025	7/19/2025	299091	18	3,850	69,300				Manifest review
7/19/2025	7/19/2025	299077	19	3,850	73,150				Manifest review
7/20/2025	7/20/2025	299092	20	3,850	77,000				Manifest review
7/21/2025	7/21/2025	299051	21	3,850	80,850				Manifest review
7/22/2025	7/22/2025	299050	22	3,850	84,700				Manifest review
7/24/2025	7/25/2025	299049	23	3,850	88,550				Manifest review
7/25/2025	7/25/2025	299048	24	3,850	92,400				Manifest review
7/26/2025	7/26/2025	299041	25	3,850	96,250				Manifest review
7/26/2025	7/26/2025	299045	26	3,850	100,100				Manifest review
7/27/2025	7/27/2025	299043	27	3,850	103,950	27	103,950	3,353	Manifest review, Average daily flow based on 31 days per month, 3,353 gallons per day.
8/1/2025	8/1/2025	299042	28	3,850	107,800				Manifest review - To be updated in the future.
8/2/2025	8/2/2025	299040	29	3,850	111,650				Manifest review
8/2/2025	8/2/2025	299047	30	3,850	115,500				Manifest review
8/3/2025	8/3/2025	299046	31	3,850	119,350				Manifest review
8/3/2025	8/3/2025	299044	32	3,850	123,200				Manifest review
8/4/2025	8/5/2025	299038	33	3,850	127,050				Manifest review
8/5/2025	8/5/2025	299037	34	3,850	130,900				Manifest review
8/8/2025	8/8/2025	225673	35	3,850	134,750				Manifest review
8/9/2025	8/9/2025	225672	36	3,850	138,600				Manifest review
8/9/2025	8/9/2025	225671	37	3,850	142,450				Manifest review
8/10/2025	8/10/2025	299039	38	3,850	146,300				Manifest review
8/10/2025	8/10/2025	225674	39	3,850	150,150				Manifest review
8/13/2025	8/13/2025	225677	40	3,850	154,000				Manifest review
8/15/2025	8/15/2025	225676	41	3,850	157,850				Manifest review
8/16/2025	8/16/2025	225675	42	3,850	161,700				Manifest review
8/16/2025	8/16/2025	299036	43	3,850	165,550				Manifest review
8/17/2025	8/17/2025	299035	44	3,850	169,400				Manifest review
8/21/2025	8/21/2025	299034	45	3,850	173,250				Manifest review
8/29/2025	8/29/2025	225684	46	3,850	177,100				Manifest review

NABORS Landfill Leachate Hauling Tracking Second Half 2025 Manifest Data
Hauling Completed by Brad Leonard at 417 Services LLC (brad@417services.com, 417-935-4459) via Harbor
Approximately 3,850 gallon loads
Wastewater Contribution Permit #593, expires September 12, 2028
City of Springfield, MO

Start Date	End Date	Manifest Number	Total Number of Loads (cumulative)	Volume Removed (gallons)	Total Volume Removed (gallons - cumulative)	Monthly Load Total	Monthly Volume Total	Average Daily Flow (gallons per day) (calculated on a per month volume)	Notes/Source of Information
8/29/2025	8/29/2025	225685	47	3,850	180,950				Manifest review
8/30/2025	8/30/2025	225686	48	3,850	184,800				Manifest review
8/30/2025	8/30/2025	225730	49	3,850	188,650				Manifest review
8/31/2025	8/31/2025	225670	50	3,850	192,500				Manifest review
8/31/2025	8/31/2025	225669	51	3,850	196,350	24	92,400	2,981	Manifest review, Average daily flow based on 31 days per month, 2,981 gallons per day.
9/5/2025	9/5/2025	319819	52	3,850	200,200				Manifest review
9/6/2025	9/6/2025	319816	53	3,850	204,050				Manifest review
9/6/2025	9/6/2025	319817	54	3,850	207,900				Manifest review
9/7/2025	9/7/2025	319818	55	3,850	211,750				Manifest review
9/7/2025	9/7/2025	319815	56	3,850	215,600				Manifest review
9/11/2025	9/11/2025	319820	57	3,850	219,450				Manifest review
9/12/2025	9/12/2025	319821	58	3,850	223,300				Manifest review
9/13/2025	9/13/2025	319826	59	3,850	227,150				Manifest review
9/13/2025	9/13/2025	319825	60	3,850	231,000				Manifest review
9/14/2025	9/14/2025	319824	61	3,850	234,850				Manifest review
9/14/2025	9/14/2025	319823	62	3,850	238,700				Manifest review
9/15/2025	9/15/2025	319822	63	3,850	242,550				Manifest review
9/15/2025	9/15/2025	319828	64	3,850	246,400				Manifest review
9/16/2025	9/16/2025	319827	65	3,850	250,250				Manifest review
9/17/2025	9/17/2025	319829	66	3,850	254,100				Manifest review
9/18/2025	9/18/2025	319830	67	3,850	257,950				Manifest review
9/19/2025	9/19/2025	319848	68	3,850	261,800				Manifest review
9/20/2025	9/20/2025	319845	69	3,850	265,650				Manifest review
9/20/2025	9/20/2025	319835	70	3,850	269,500				Manifest review
9/21/2025	9/21/2025	319836	71	3,850	273,350				Manifest review
9/21/2025	9/21/2025	319841	72	3,850	277,200				Manifest review
9/24/2025	9/24/2025	319847	73	3,850	281,050				Manifest review
9/25/2025	9/25/2025	319846	74	3,850	284,900				Manifest review
9/26/2025	9/26/2025	319833	75	3,850	288,750				Manifest review
9/26/2025	9/26/2025	319844	76	3,850	292,600				Manifest review
9/27/2025	9/27/2025	319842	77	3,850	296,450				Manifest review
9/27/2025	9/27/2025	319843	78	3,850	300,300				Manifest review
9/28/2025	9/28/2025	319839	79	3,850	304,150				Manifest review
9/28/2025	9/28/2025	319840	80	3,850	308,000				Manifest review
9/29/2025	9/29/2025	319838	81	3,850	311,850				Manifest review
9/30/2025	9/30/2025	319832	82	3,850	315,700				Manifest review
9/30/2025	9/30/2025	319837	83	3,850	319,550	32	123,200	4,107	Manifest review, Average daily flow based on 31 days per month, 3,974 gallons per day.
10/1/2025	10/1/2025	319834	84	3,850	323,400				Manifest review
10/1/2025	10/1/2025	319831	85	3,850	327,250				Manifest review
10/2/2025	10/2/2025	299028	86	3,850	331,100				Manifest review
10/3/2025	10/3/2025	319953	87	3,850	334,950				Manifest review
10/4/2025	10/4/2025	319955	88	3,850	338,800				Manifest review
10/4/2025	10/4/2025	319954	89	3,850	342,650				Manifest review
10/5/2025	10/5/2025	319956	90	3,850	346,500				Manifest review
10/5/2025	10/5/2025	319957	91	3,850	350,350				Manifest review
10/6/2025	10/6/2025	319952	92	3,850	354,200				Manifest review

NABORS Landfill Leachate Hauling Tracking Second Half 2025 Manifest Data
Hauling Completed by Brad Leonard at 417 Services LLC (brad@417services.com, 417-935-4459) via Harbor
Approximately 3,850 gallon loads
Wastewater Contribution Permit #593, expires September 12, 2028
City of Springfield, MO

Start Date	End Date	Manifest Number	Total Number of Loads (cumulative)	Volume Removed (gallons)	Total Volume Removed (gallons - cumulative)	Monthly Load Total	Monthly Volume Total	Average Daily Flow (gallons per day) (calculated on a per month volume)	Notes/Source of Information
10/7/2025	10/7/2025	319951	93	3,850	358,050				Manifest review
10/8/2025	10/8/2025	319950	94	3,850	361,900				Manifest review
10/9/2025	10/9/2025	319949	95	3,850	365,750				Manifest review
10/10/2025	10/10/2025	319947	96	3,850	369,600				Manifest review
10/11/2025	10/11/2025	319948	97	3,850	373,450				Manifest review
10/11/2025	10/11/2025	319946	98	3,850	377,300				Manifest review
10/12/2025	10/12/2025	319958	99	3,850	381,150				Manifest review
10/12/2025	10/12/2025	319944	100	3,850	385,000				Manifest review
10/15/2025	10/15/2025	319945	101	3,850	388,850				Manifest review
10/17/2025	10/17/2025	299033	102	3,850	392,700	19	73,150	2,360	Manifest review, Average daily flow based on 31 days per month, 2,360 gallons per day.
Second Half 2025 Total						102	392,700		