David Isaacs

From: David.Isaacs@arkansas.gov
Subject: FW: Nevada County Class 4 Landfill
Attachments: Nevada County C4 2025 AEIR.pdf

From: Lance Powell <lpowell@ce-associates.biz>
Sent: Tuesday, June 30, 2026 2:41 PM
To: Greg Banic (adpce.ad) <greg.banic@arkansas.gov>
Cc: Nevada County <nccourthouse@centurylink.net>
Subject: Nevada County Class 4 Landfill

CAUTION: External Email

Greg,

The attached Annual Engineering Inspection Report is being submitted on behalf of Nevada County for their Class 4 landfill. Please let me know if you have questions about anything or if you need additional information.

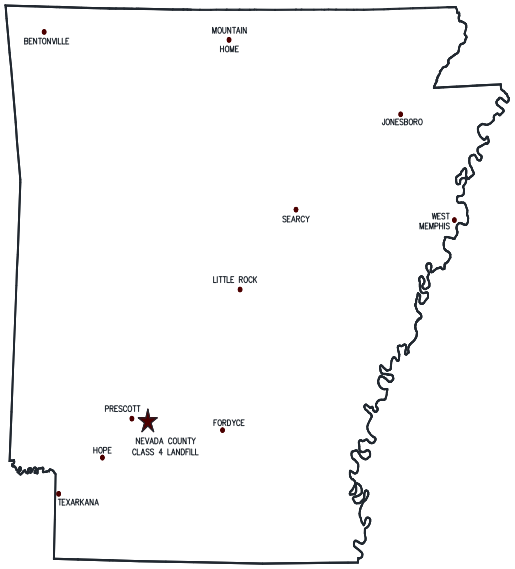
Thanks,

Lance Powell, P.E.
Member

CEA
CIVIL ENGINEERING ASSOCIATES, LLC

1500 East Washington Avenue, Suite C
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2025 ANNUAL ENGINEERING INSPECTION REPORT
NEVADA COUNTY CLASS 4 LANDFILL

SOLID WASTE PERMIT NO. 0236-S4-R1
AFIN NO. 50-00051

June 2026

Prepared For:

Nevada County
215 East Second Street
Prescott, Arkansas 71857
(870) 887-3115

Prepared By:

CIVIL ENGINEERING ASSOCIATES, LLC
1500 East Washington Avenue, Suite C
Jonesboro, Arkansas 72401
(870) 972-5316

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CIVIL ENGINEERING ASSOCIATES, LLC

ANNUAL ENGINEERING INSPECTION REPORT (AEIR) FORM Reporting Year: 2025

Note: Check applicable landfill class. **Class 1 (Reg 22.423(b)) ____ , Class 3 (22.522(a)) ____ Class 4 (22.619(b)) X**

Facility Name: Nevada County Class 4 Landfill AFIN: 50-00051 Permit #: 0236-S4-R1 Landfill Class: 4

Report Submittal Date: June 30, 2026 Date of Landfill Site Inspection by Certifying Engineer: March 3, 2026

Complete the form as indicated
Instructions are bolded and italicized.

COLUMN TO BE COMPLETED BY REPORTER

Item	Regulation Reference	Item Description	Report Information/Comments/Remarks	Attachment Reference
1	22.423(b)(1) 22.522(a)(1) 22.619(b)(1)	Remaining volume in current cell.	a) 20,238 cubic yards-As of December 31, 2025 *Includes airspace available above natural grades over Trenches 4-11A. .	
		Projected date of opening new cell.	b) Date: The county opened a new cell in 2025	
2	22.423(b)(2) 22.522(a)(2) 22.619(b)(2)	Remaining volume of all permitted units.	a) 155,172 cubic yards- As of December 31, 2025	
		Total air space used during the reporting period.	b) 3,792 cubic yards- Based on monthly average utilization.	
		Estimated remaining site life (years) based on utilization rate during the reporting period. ***Note: Itemize current permitted unit/cell information - use attachment if necessary.***	c) Landfill Unit/Cell remaining life: Landfill unit/cell _____ , years. Landfill unit/cell Trench 4-11A , 5.3 years Landfill unit/cell *See Note , 35.6 years. d) Entire permitted landfill: 40.9 years remaining life. *The remainder of Trench 10 & 11, Trench 12-18, & area above natural grades over Trench 1-11A.	
3	22.423(b)(3) 22.522(a)(3) 22.619(b)(3)	Documentation of fill progression in compliance with permit plans, specs and operating plan and narrative. ***Note: Provide narrative regarding fill progression during the reporting period. Be specific about landfill unit/cell designations (example: Cell 1, Phase A completely filled; Cell 2, Phase A, 50% full, being filled south to north as of December 31). Specifically note any overfill conditions.***	a) Progression narrative: The approved facility permit drawings do not provide alot of information in regard to fill progression. However, the fill progression appears to be in general compliance with the permit drawings. Trenches 1-9 and 10A have been filled from the bottom grades to natural ground as shown on the permit plans. There is airspace remaining above natural ground over these trenches.	

4	22.423(b)(4) 22.522(a)(4) 22.619(b)(4)	Documentation of compliance with regulatory operating requirements, permit conditions, approved operating plan, and other applicable regulations. ***Note: Review current operating plans, and permit conditions. Include photographs of engineer's inspection as Attachment A. Check for weekly/monthly operational logs, waste volume records in and out of landfill, unauthorized waste form sheets, waste cover maintenance, stormwater reports to ADEQ, and wet weather repair information.***	a) Weekly/monthly operational logs exist (Y/N)? Y b) Photos of AEIR inspection attached (Y/N)? Y c) Waste volume in and out records exist (Y/N)? Y d) Unauthorized waste forms exist (Y/N)? Y e) Daily/weekly cover adequate at time of inspection (Y/N)? Y f) Alternative Daily Cover (ADC) Plan located onsite (Y/N)? NA Operations in compliance with ADC Plan (Y/N)? NA g) Liquid Waste Management (LWM) Plan located onsite (Y/N)? NA Operations in compliance with LWM Plan (Y/N)? NA h) Liquids received to be bulked during reporting period: NA gallons NA tons i) Waste cover of inactive areas maintained adequately (Y/N)? Y j) Net amount of waste disposed in landfill during reporting period: _____cubic yards 1,512.53 tons k) Leachate head level less than 1' on liner at time of inspection (Y/N)? NA	**A**
5	22.423(b)(5) 22.522(a)(5) 22.619(b)(5)	Updated contour map that depicts: ***Note: Provide updated drawing(s) and final cover permit drawing as Attachment B – discuss any discrepancies. Max. contour interval = 2 feet)***	a) Updated contour drawing attached (Y/N)? Y b) Final cover permit drawing attached (Y/N)? Y c) ***List all discrepancies here:*** There is a small area along the perimeter of the permitted footprint that has been overfilled. An Overfilled Management Plan was submitted to DEQ on January 7, 2021 and approved by DEQ on January 21, 2021. The county has corrected a portion of the overfill but has requested approval to leave the remaining portioin in place. d) Is there an overfill condition (Y/N)? Y	**B**
		(i) horizontal and vertical extent of active and inactive fill areas;		
		(ii) status of all permitted units/cells; ***(Note: Label all active (working face, bulking area, stockpiles), inactive, closed and interim cover areas)***.	a) Currently, does the facility have sufficient on-site quantities and types of soils for liner and cover construction of permitted units/cells (Y/N)? Y b) If not, where will deficiency shortfalls be obtained (be specific)? c) Is the current Design Narrative earthwork balance accurate (Y/N)? Y	
		(iii) survey grid (required by 22.426); ***Note: Include benchmarks and horizontal controls***		
		(iv) location of other visible surface features or improvements (e.g., roads, buildings, gas control systems, etc..); ***Note: Include leachate risers, manholes, monitoring wells, gas wells, etc.***		

		(v) the person responsible for gathering the survey data and the date survey data was taken to prepare the map. *Reminder: Reporting period is calendar year. Survey data should be collected to reflect the AEIR reporting period.*	a) Name: Joshua Nix Surveying b) Name of person using the data to produce contour map: Joshua Nix , P.S. c) Date survey data was collected: March 11, 2026	
6	22.423(b)(6) 22.522(a)(6) 22.619(b)(6)	Quantity, location, and characteristics of leachate collected, recirculated, and disposed. ***Note: Provide analytical report as Attachment C. Provide brief narrative on this form in space provided about leachate sources, how leachate is collected, measured and disposed. Also, explain how the leachate head on the landfill liner is monitored and measured.***	a) Leachate Collected: NA gallons b) Leachate Disposed: NA gallons c) Leachate Recirculated: NA gallons d) Leachate Recirculation Pla1,411n exists (Y/N)? NA ADEQ approval Doc # NA e) Leachate operating records exist (Y/N)? NA f) Leachate analytical report attached (Y/N)? NA g) Leachate narrative (collection, measurements and disposal): There are no specific leachate collection requirements or regulations for Class 4 landfills in Arkansas. h) Leachate narrative (verifying <1' head on liner system): NA	
7	22.423(b)(7) 22.522(a)(7) 22.619(b)(7)	Maintenance of stormwater controls and best management practices for erosion control. ***Note: List any upset conditions during the reporting period (i.e., washouts, etc…). Also, include narrative about vegetation maintenance and repair.***	a) ***Briefly list maintenance activities and upset conditions here:*** All storm water run-off from the landfill drains in a westerly direction to a stormwater control pond.	
8	22.423(b)(8) 22.619(b)(8)	Status of capping and closure of completed areas. ***Note: List areas with acreage that have received interim or final cover. Include total landfilled area acreage not yet under final certified closed cover. Note: "Certified closed" means the facility has received an approval letter from ADEQ accepting the engineer's closure certification report.***	a) Lndfl unit/cell Treches 1-6 , 3.6 acres. Intrm or Final Cover (I/F): I b) Lndfl unit/cell Trench 7-8 , 0.4 acres. Intrm or Final Cover (I/F): I c) Lndfl unit/cell Trench 9-10 A , 0.4 acres. Intrm or Final Cover (I/F): I d) Lndfl unit/cell _____ , _____ acres. Intrm or Final Cover (I/F): ____ e) Acres of disposed waste not under final certified cover: 4.4 acres f) Acres of disposed waste area that have interim cover: 4.4 acres	
9	22.423(b)(9) 22.522(a)(8) 22.619(b)(9)	Status of remedial or corrective action activities. ***Note: List corrective action events during reporting period (e.g., seeps and erosion correction, leachate spills, unauthorized waste handling and removal , etc…), and indicate whether action was taken in***	a) ***Briefly list corrective actions events here:*** b) Were any of the corrective actions taken in response to an ADEQ	

		response to an ADEQ inspection.	inspection (Y/N)?_ NA c) Current status of corrective actions: _NA _____ _____ _____ _____ d) Did corrective actions permanently solve the conditions (Y/N)? _NA ***Explain briefly:*** _____ _____ _____	
10	22.423(b)(10) 22.522(a)(9) 22.619(b)(10)	Updated Financial Assurance documentation as required by Chapter 14. ***Note: Include copy of most recent financial assurance documentation as Attachment D. Also, include updated closure and post closure cost estimated as an attachment– recommend to use the Closure Costs and Post-closure Care Costs Worksheet located at ADEQ - Solid Waste - Technical Branch Home Page Specific links to the worksheets:*** http://www.adeq.state.ar.us/solwaste/branch_technical/pdfs/closure_costs_worksheet.xlsx ***and*** http://www.adeq.state.ar.us/solwaste/branch_technical/pdfs/post_closure_care_costs_worksheet.xlsx***. . Show detailed calculations of cost items in tabular format with specific item breakdowns. Also, show source of unit cost information and/or inflationary factor adjustments – use ADEQ factors where applicable. If updated unit cost information is used instead of inflationary factors, show the source of unit cost information. Confirm estimates are based on largest area ever requiring final cover.***	a) Size of the facility property under current permit? 41.59 acres b) Size of actual permitted disposal area? 8.67 acres c) What is the current total permitted disposal area that contains disposed waste but is not certified closed? 4.4 acres d) Updated closure cost estimate amount: $ 184,942.07 e) Is the closure cost estimate based on the largest area ever requiring closure (Y/N)? Y f) Is the existing closure financial assurance adequate for acreage not yet certified closed (Y/N)?: Y g) Updated post closure care cost estimate amount: $ 10,836.32 h) Is the existing post closure care financial assurance adequate for all permitted areas (Y/N)?: Y i) Is the financial assurance mechanism a trust fund (Y/N)? N j) Are the sources of information for updated unit cost line items shown on the cost estimate calculations (Y/N?): N k) Do the unit cost items for soil cover material include actual third party cost of materials and labor (Y/N)? Y	**C**
11	22.423(b)(11) 22.522(a)(10) 22.619(b)(11)	Revised or updated facility Closure Plan in accordance with Chapter 13. ***Note: Provide updated Closure Plan as Attachment E if facility obtained a permit modification during the reporting period that affects the closure and/or post closure care.***	a) Was an updated Closure Plan required during this reporting period (Y/N)?: N b) Is an updated Closure Plan attached herein (Y/N)? N	
12	22.423(b)(12) 22.522(a)(11) 22.619(b)(12)	Other items that affect compliance. ***Note: Include an ADEQ enforcement activity summary (solid waste, water, air, hazardous waste related) and , status of operating and permit fees. Also, include brief narrative concerning groundwater monitoring reports, landfill gas, leachate***	a) Are there current ADEQ enforcement actions (Y/N)? N b) Summary of enforcement actions: _____ _____ _____ c) Are operating and permit fees payments up-to-date (Y/N) ? Y	

		recirculation, alternate daily cover, etc…	If not explain: _____ _____ Additional Information: d) Does the facility monitor groundwater (Y/N)?: N If so, is it detection monitoring or assessment monitoring?: NA e) What is the groundwater analytical sampling frequency? NA months f) Does the facility collect landfill gas (Y/N)?: N g) Does the facility have a Gas Monitoring Plan (Y/N)? N h) Does the facility have gas monitoring probes (Y/N)? N i) Does the facility use an alternate daily cover (ADC)(Y/N)? N If so, what type of ADC is used: NA If so, list document id# approving ADC: NA j) Does the facility have a Liquid Waste Management (LWM) Plan (Y/N)? N If so, list document id# approving the LWM Plan: NA k) Date and document id # of currently approved Operating Plan and Narrative: Date: September 2005 Doc#: 29915 l) Date and document id # for currently approved Closure/ Post Closure Plan: Date: September 2005 Doc#: 29915 m) Date and document id # of currently approved Permit Drawings: Date: October 2005 Doc#: 30499 n) Date and document id # of currently approved Design Narrative: Date: September 2005 Doc#: 29915 o) Are weigh scales utilized at the landfill (Y/N)? N p) Does the final cap include a synthetic liner (Y/N)? N q) Does the final cap include clay liner (Y/N)? Y r) Total current permitted landfill volume: 233,676* cubic yards RE: *Permit No. 0236-S4-R1, March 15, 2006	
13	22.423(b) 22.522(a) 22.619(b)	Certification of AEIR Report: "I have inspected the landfill site and have prepared this report to reflect operational compliance with permit conditions, permit plans, specifications, narrative, and all applicable regulations"	a) Arkansas Licensed Engineer: Sign: _____ Date: June 30, 2026 b) License Number: 12976 c) ***Attach seal here:*** STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 12976 RICHARD LANCE POWELL	

ATTACHMENT A
PHOTOGRAPHS - SITE INSPECTION

CEA

CIVIL ENGINEERING ASSOCIATES, LLC

CONWAY • JONESBORO • POPLAR BLUFF



Nevada County

Class 4 Landfill

2025 Annual Engineering Inspection Report

March 3, 2026



Nevada County

Class 4 Landfill

2025 Annual Engineering Inspection Report

March 3, 2026

CIVIL ENGINEERING ASSOCIATES, LLC

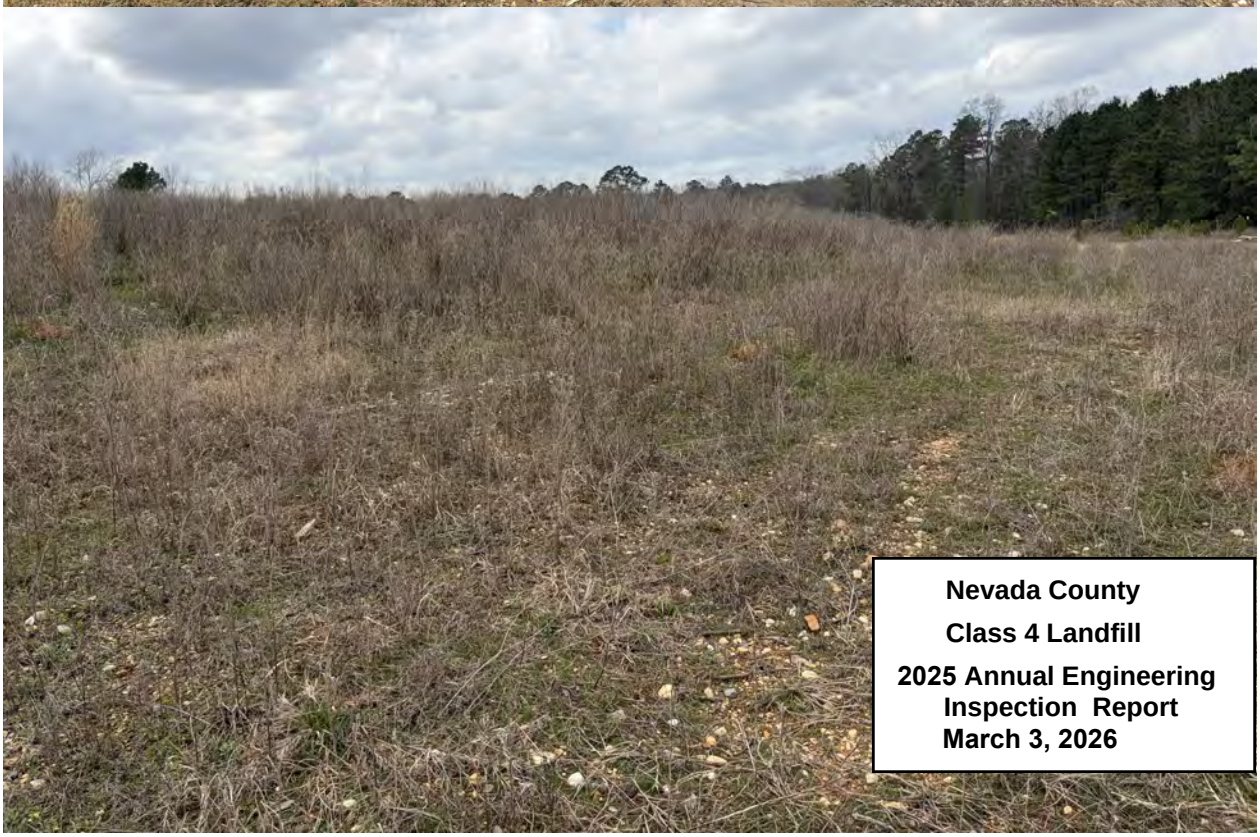
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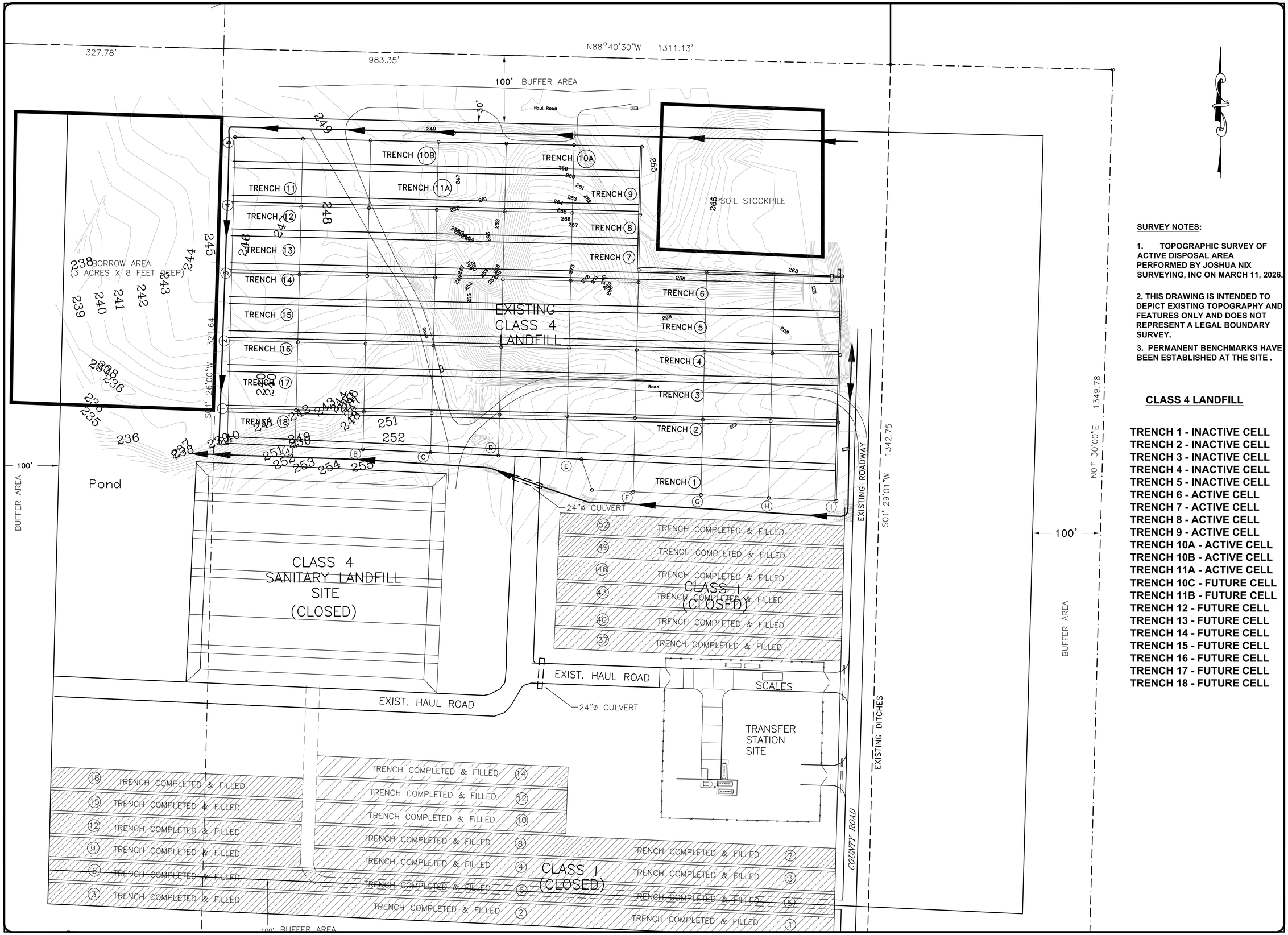


Nevada County

Class 4 Landfill

2025 Annual Engineering Inspection Report
March 3, 2026

ATTACHMENT B
FIGURE B-1- CLASS 4 LANDFILL SURVEY



SURVEY NOTES:

1. TOPOGRAPHIC SURVEY OF ACTIVE DISPOSAL AREA PERFORMED BY JOSHUA NIX SURVEYING, INC ON MARCH 11, 2026.

2. THIS DRAWING IS INTENDED TO DEPICT EXISTING TOPOGRAPHY AND FEATURES ONLY AND DOES NOT REPRESENT A LEGAL BOUNDARY SURVEY.

3. PERMANENT BENCHMARKS HAVE BEEN ESTABLISHED AT THE SITE .

CLASS 4 LANDFILL

TRENCH 1 - INACTIVE CELL
TRENCH 2 - INACTIVE CELL
TRENCH 3 - INACTIVE CELL
TRENCH 4 - INACTIVE CELL
TRENCH 5 - INACTIVE CELL
TRENCH 6 - ACTIVE CELL
TRENCH 7 - ACTIVE CELL
TRENCH 8 - ACTIVE CELL
TRENCH 9 - ACTIVE CELL
TRENCH 10A - ACTIVE CELL
TRENCH 10B - ACTIVE CELL
TRENCH 11A - ACTIVE CELL
TRENCH 10C - FUTURE CELL
TRENCH 11B - FUTURE CELL
TRENCH 12 - FUTURE CELL
TRENCH 13 - FUTURE CELL
TRENCH 14 - FUTURE CELL
TRENCH 15 - FUTURE CELL
TRENCH 16 - FUTURE CELL
TRENCH 17 - FUTURE CELL
TRENCH 18 - FUTURE CELL

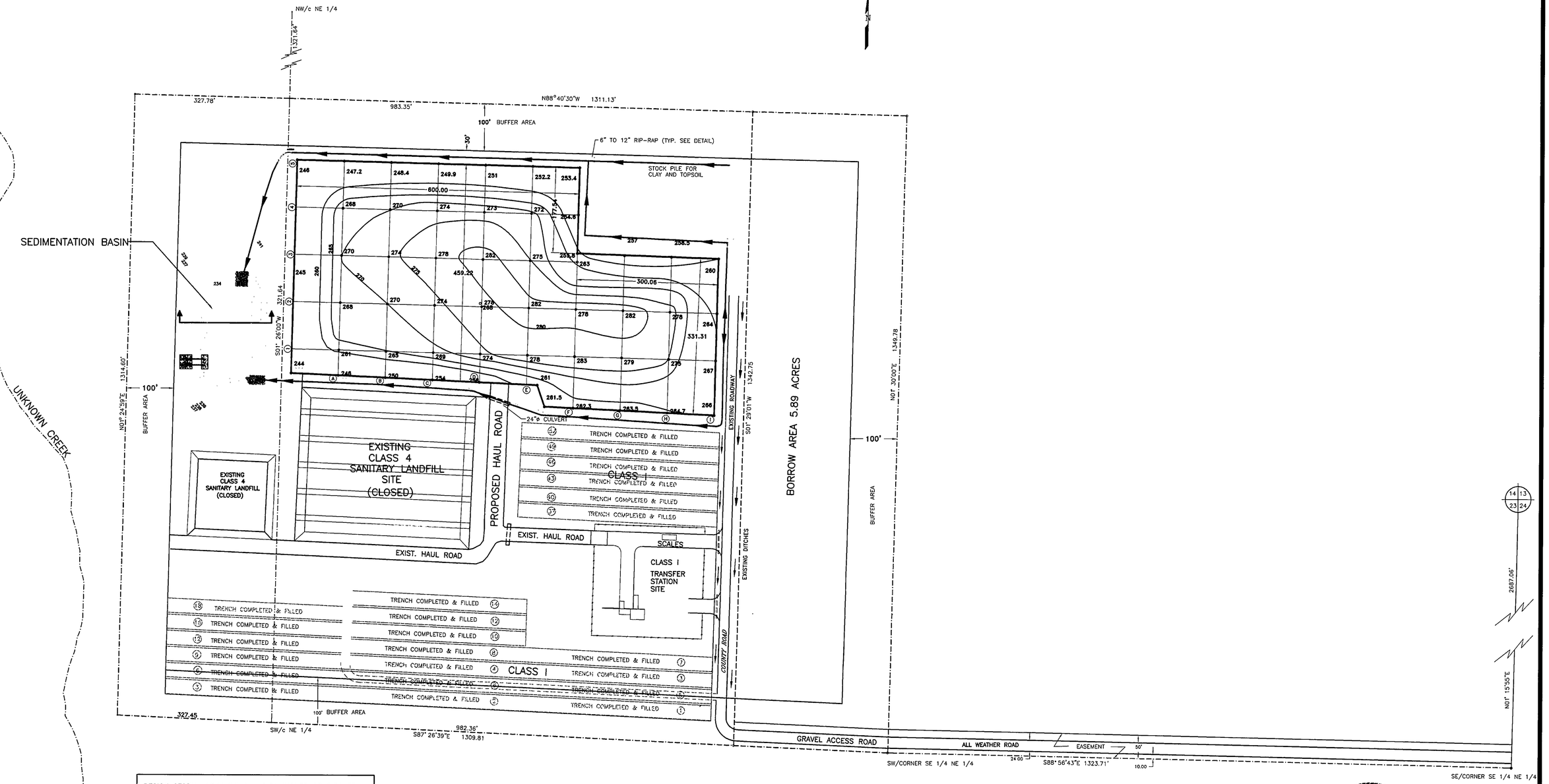
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NEVADA COUNTY CLASS 4 LANDFILL
2025 ANNUAL ENGINEERING INSPECTION REPORT
NEVADA COUNTY, ARKANSAS

CLASS 4 LANDFILL SURVEY
PERMIT NO. 0236-S4-R1

Designed	LP
Checked	JSS
Drawn	LP
Approved	JSS

SCALE: 1" = 100'	JOB NO: NC-26-01
DATE: JUNE 2026	SHEET: FIGURE B-1



DESIGN STORM 10YR 24HR = 6.24 INCHES OR 0.52 FT.
DRAINAGE AREA = 580,000 S.F.
RUNOFF COEFFICIENT = 0.4
TOTAL RUNOFF = 902,400 GALLONS
TOTAL BASIN CAPACITY = 1,010,000 W/1.5 FT. FREEBOARD

LEGEND

280 TOP CONTOUR LINE

TOP GRID ELEVATION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 4372
LARRY JAY STONE
10-17-05

Date	Revision	By
01-06-00	AMENDED CLASS IV LANDFILL SITE	DRJ
11-25-03	AMENDED CLASS IV LANDFILL SITE	DSS

Designed LJS
Checked LJS
Drawn JWR
Approved LJS

NRS CONSULTING ENGINEERS
PARAGOULD • TEXARKANA • BENTON • DALLAS • LONGVIEW • HARLINGEN
4415 JEFFERSON AVE.
TEXARKANA, AR. 71854
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FAX (870) 772-8612

NEVADA COUNTY, ARKANSAS
CLASS 4
SANITARY LANDFILL

FINAL GRADES
8.67 ACRE CLASS 4 LANDFILL

Scale	Job No.
1"=100'	NV-02-01
Date	Sheet
AUG. 03	4 of 7

ATTACHMENT C
UPDATED CLOSURE AND POST CLOSURE COST ESTIMATES

CLOSURE COST ESTIMATE
NEVADA COUNTY
CLASS 4 LANDFILL
LARGEST AREA

ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(1) Surface Preparation	8.7	AC	$900	$7,803.00
(2) Compacted Clay Cover (18")	20,981	CY	$5.00	$104,907.00
(3) Vegetation/Soil Top Layer (6")	6,994	CY	$3.50	$24,478.30
(4) Seeding/Fertilizing/Mulching	8.7	AC	$1,750	$15,172.50
(5) Erosion Control	1	LS	$5,000	$5,000.00
(6) Quality Assurance/Quality Control	1	LS	$15,000	$15,000.00
(7) Surveying	1	LS	$3,500	$3,500.00
(8) Certification	1	LS	$3,000	$3,000.00
TOTAL				**$178,860.80**

Notes:

1. All costs are in 2025 dollars.

2. The cost shown are associated with the largest area requiring closure.

Closure Cost Inflation Adjustment

Year	Inflation Factor (%)	Adjusted Closure Cost Estimate
2026	1.034	$184,942.07
2027		
2028		
2029		
2030		

Notes:

1. Inflation factor is based on the Implicit Price Deflator for the U.S. Gross National Product for the given year as provided on the Arkansas Department of Environmental website.

POST CLOSURE CARE COST ESTIMATE
NEVADA COUNTY
CLASS 4 LANDFILL

ANNUAL REPAIRS(Subsidence, Settling, Erosion, Roads, Etc.)				
ITEM	**QUANTITY**	**UNIT**	**UNIT PRICE**	**AMOUNT**
Labor (2 people x 8 hr/day x 3 days/yr)	48	Hours	$25	$1,200
Equipment- Dozer	16	Hours	$100	$1,600
Dump Truck	8	Hours	$85	$680
Loader	8	Hours	$95	$760
Misc. Materials and Services	1	LS	$1,000	$1,000
TOTAL ESTIMATED ANNUAL REPAIRS				**$5,240**

TOTAL ESTIMATED ANNUAL POST-CLOSURE CARE COSTS:	**$5,240**
TOTAL ESTIMATED POST-CLOSURE CARE COSTS (2-YEAR PERIOD):	**$10,480**

Notes:

1. All costs are in 2025 dollars.

Post Closure Cost Inflation Adjustment

Year	Inflation Factor (%)	Adjusted Post Closure Cost Estimate
2026	1.034	$10,836.32
2027		
2028		
2029		
2030		

Notes:

1. Inflation factor is based on the Implicit Price Deflator for the U.S. Gross National Product for the given year as provided on the Arkansas Department of Environmental website.