Haley Griffith (adpce.ad)

Subject: RE: DEQ - Garland County Class 4 Overfill (OFMP Response and Partial Closure CQA Certification)

From: Carpenter, Owen <Owen.Carpenter@terracon.com>
Sent: Wednesday, August 5, 2026 1:27 PM
To: David Isaacs <david.isaacs@arkansas.gov>
Cc: Richard Bennett (adpce.ad) <Richard.Bennett@arkansas.gov>; Greg Banic (adpce.ad) <Greg.Banic@arkansas.gov>; Judge, GarlandCo <dmahoney@garlandcounty.org>; Billy Sawyer <bsawyer@garlandcounty.org>; John Rogers <john.rogers@craftontull.com>; Potter, Drew <Drew.Potter@terracon.com>
Subject: RE: DEQ - Garland County Class 4 Overfill (OFMP Response and Partial Closure CQA Certification)

CAUTION: External Email

Good afternoon Mr. Isaacs!

Please see the attached Overfill Removal Completion Notice for the North Overfill at Garland County and the CQA Certification Report for the Partial Closure of the lower western side of Phases 1 and 2. These recent activities removed the overfill noted in previous correspondence and addressed in the Overfill Management Plan. ASTM standards used in the closure certification work are as noted in the "**2024 Phase 3, Cell 1 CQA Certification Revised Report NOD Response**" dated 12/24/2025. If you have any questions or need any additional information, please do not hesitate to contact John Rogers with Crafton Tull or Drew Potter or me at your earliest convenience.

Thanks!
Owen

F. Owen Carpenter, P.E., P.G.
Terracon
D (501) 943 1020 I C (501) 622 0887
owen.carpenter@terracon.com

From: David Isaacs <David.Isaacs@arkansas.gov>
Sent: Thursday, July 9, 2026 3:46 PM
To: Carpenter, Owen <Owen.Carpenter@terracon.com>
Cc: Richard Bennett (adpce.ad) <Richard.Bennett@arkansas.gov>; Greg Banic (adpce.ad) <Greg.Banic@arkansas.gov>
Subject: DEQ - Garland County Class 4 Overfill

Good afternoon,

After taking a quick look at the Garland County Class 4 2026 AEIR we noticed that it indicated the overfills were no longer present. I do not see where the reports required by the overfill management plan approval (**0300-S4_Approval-DEQ-Approval of Overfill Management Plan_20250303**) were submitted. Could you provide an update on their status?

Thanks –

David Isaacs
Engineer
E&E | Environmental Quality | Land Resources
e: david.isaacs@arkansas.gov
t: 501-682-0706

Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

Private and confidential as detailed here (www.terracon.com/disclaimer). If you cannot access the hyperlink, please e-mail sender.

Construction Quality Assurance Certification Report

Garland County Class 4 Landfill

Partial Closure Construction

Permit No. 0300-S4

AFIN: 26-00405

August 5, 2026 | Project Number: 35247264

Prepared for:

Garland County Class 4 Landfill
1040 Cedar Glades Rd
Hot Springs, Arkansas 71913

Prepared for:

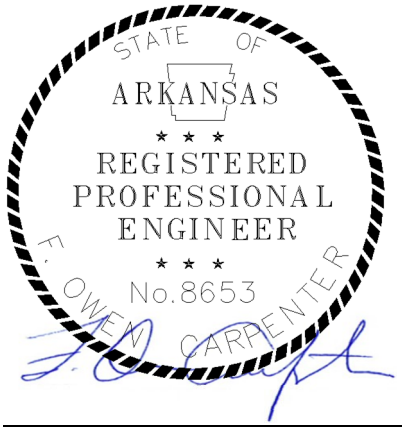
Crafton Tull
928 Airport Rd
Hot Springs, Arkansas 71913
(501) 767-2366

Terracon
Nationwide
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Facilities
Environmental
Geotechnical
Materials

25809 Interstate 30 South
Bryant, Arkansas 72022
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Professional Engineer's Certification

"I certify to the best of my professional judgement that the partial closure system (3.4 Acre Cell) of the Garland County Class 4 Landfill (**Permit No. 0300-S4**) Phases 1 and 2 western slope was constructed in accordance with the project specifications, plans, and applicable Division of Environmental Quality regulations. This certification is contingent on the fact that all information supplied to the signatory authority, at the time of this certification is unquestionably accurate and was provided in good faith." By affixing my seal and signature below, I attest that the attached drawings and certification were prepared by me or under my direction and are hereby PE certified.





F. Owen Carpenter, P.E., P.G.
Arkansas Professional Engineer Registration No. 8653

August 5, 2026
Certification Date

Arkansas Certificate of Authorization No. 223

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1.0 Introduction

Garland County, Arkansas owns and operates the Garland County Cedar Glades Class 4 Landfill located in Garland County, Arkansas near the city of Hot Springs. The Landfill address is 1040 Cedar Glades Rd, Hot Springs, Arkansas. **FIGURE 1** in **APPENDIX A** illustrates the geographic location of the facility. The landfill consists of approximately 61 acres separated into five phases with a sixth phase completed to the permitted final grades over the top of the first five phases.

This construction quality assurance (CQA) report summarizes testing and documentation activities performed by Terracon Consultants, Inc. (Terracon) to certify the construction of the final cover system and related work associated with a 3.4-acre area along the western slope of constructed phases 1 and 2. The document summarizes the top of waste (subgrade) layer, clay soil cap, and other related components of the final cover system. Quality control testing and certification associated with the construction are also provided.

This document, in conjunction with the project record drawings, is intended to satisfy the requirements of Code of Arkansas Rules 8 CAR § 60-428/624 and Permit No. 0300-S4.

1.1 General

The construction of the final cover system was conducted in accordance with the following documents:

- *Solid Waste Management Rules (8 CAR Part 60)*, July 2026.
- *"Project Manual: Phase 3 – Cell 1 & Partial Closure"*, Garland County Class 4 Landfill Phase 3 – Cell 1 & Partial Closure, Terracon Consultants, Inc., March 2025.
- *"Construction Drawings for the Phase 3 – Cell 1 & Partial Closure",* Garland County Cedar Glades Class 4 Landfill, Terracon Consultants, Inc., March 2025.

1.2 Site Description

The Landfill is separated into five area phases of cells separating the permitted footprint into areas of varying size arranged in a clockwise construction sequence with multiple phases of cell construction. The Final Cover construction covers the lower half of the west slope of the landfill. The Final Cover system is approximately 3.4 acres. The facility, Garland County Class 4 Landfill (Permit No. 0300-S4) was originally permitted in 2001. **FIGURE 2** and

FIGURE 3 in **APPENDIX A** illustrates the location and orientation of the 3.4-acre construction area in relation to the rest of the site.

1.3 Project Description

This project involved the construction of approximately 3.4-acres of a final cover system and related site work. The following information summarizes the construction sequence associated with the construction of the final cover system.

- Site preparation, excavation/fill to top of waste grades, including removal of any overfill and grading of closure area to establish soil subgrade;
- CQA testing of 18-inch compacted clay soil cap (CCSC) placed in 6-inch lifts at a minimum of 90% of Standard Proctor maximum dry density and moisture content between 1% and 6% above optimum moisture;
- Installation of a six-inch vegetated soil erosion layer; and
- Installation of rip-rap letdown structures and perimeter stormwater ditches and berms.

This CQA Report is organized using tables, figures, and appendices to provide documentation of the observations and material testing during the construction of the final cover system. Daily project field records are presented in **APPENDIX B**. A photographic log of construction procedures is shown in **APPENDIX D**.

As required by **8 CAR § 60-624** the certification report shall conform to the requirements of **8 CAR § 60-428**. In accordance with **8 CAR § 60-428(i)** this CQA Report includes record drawings of final cover system and the appendices and figures identify the following:

- **8 CAR § 60-428(i)(2)(G)(i) – The limits of liner or final cover barrier construction;**

  The as-built drawings in **APPENDIX A** depict the limits of the constructed final cover system on the lower west side of the landfill.

- **8 CAR § 60-428(i)(2)(G)(ii) – The top and bottom liner or final cover barrier elevations at 50’ intervals referenced to the site grid coordinate system;**

  APPENDIX A provides the final cover elevations of the constructed clay soil cap at 50’ intervals referenced to the site grid coordinate system.

- **8 CAR § 60-428(i)(2)(G)(iii) – If a granular drainage blanket is utilized in the design, top of blanket elevation should be identified at 50’ elevations;**

The Final Cover is located in a Class 4 Landfill and the final cover system does not require a granular drainage blanket.

- **8 CAR § 60-428(i)(2)(G)(iv) – The location and elevation of slope breaks, leachate piping, leachate sumps and trenches, berms, and any other features which are material to the disposal area construction;**

  APPENDIX A provides the location and elevation information and other features of final cover construction.

- **8 CAR § 60-428(i)(2)(G)(v) – A key map showing the location of the construction in relation to the permitted design, along with an identification of areas previously constructed and areas yet to be constructed;**

  FIGURES 2 and 3 and the as-built drawing in **APPENDIX A** depict the limits of the constructed final cover in relation to the permitted design, along with an identification of areas previously constructed.

- **8 CAR § 60-428(i)(2)(G)(vi) – Compaction testing locations;**

  Field logs and Forms in **APPENDIX C-3 and C-4** and **FIGURES 7 through 10** provide compaction test locations for the compacted clay soil cap and related work.

- **8 CAR § 60-428(i)(2)(G)(vii) – If necessary to document leachate head level compliance (subsections (a)(2) and (g)(6) of this section), the report should also indicate the lowest point of the liner constructed not including leachate trenches and sumps.**

  A leachate collection system is not required in Class 4 Landfills.

- **8 CAR § 60-428(i)(2)(G)(viii) – In addition, the certifying professional shall make a statement that the cell was constructed in accordance with the permit drawings and narrative. The report should also include a list of any deviations from the permitted drawings, if they exist, and reasons for the deviations.**

  The Final Cover was constructed as close as possible to and in accordance with the permit drawings and the project plans and specifications. A signed certification by a professional engineer in the state of Arkansas can be found at the beginning of this report.

1.4 Key Personnel

McHenry & Meyer Companies, LLC was contracted to perform the earthwork for the project including excavation, fill, and compaction to top of the waste layer, placement and compaction of the compacted clay soil cap, and placement and compaction of the vegetative cover layer. The key personnel for each participating firm and supplier in the project are listed below.

- **Owner:**
  Garland County – Garland County, Arkansas
  - Garland County Judge: Honorable Darryl Mahoney
  - Environmental Services Director: Billy Sawyer
- **Engineering and CQA Consultant:**
  Crafton Tull – Hot Springs, AR
  - Project Manager: John Rogers, P.E.

  Terracon Consultants, Inc. – Bryant, AR
  - Certifying Engineer: F. Owen Carpenter, P.E.
  - Project Engineer: Tony Bardella
  - Staff Engineers: Drew Potter, Allie Storment
  - Staff Geologist: Matt Acree
  - CQA Monitors: Fernando Ocampo-Rodriguez, Shawn Young, John Wallace
- **Earthwork Contractor:**
  McHenry & Meyer Companies, LLC
  - Site-Superintendent: Michael Richardson
- **Survey Control:**
  Crafton Tull – Hot Springs, AR
  - Jonathan Hamner, P.S.
- **Soils Testing Laboratory:**
  Terracon Consultants, Inc. – Baton Rouge, LA
  - Matt Minton, Laboratory Manager

2.0 Top of Waste/Subgrade Preparation

This section summarizes the establishment of the top of waste surface corresponding to the Final Cover system. The top of waste preparation was performed according to the approved plans and specifications.

2.1 Project Specifications

The project specifications called for the top of waste layer to be established at or below the lines and grades shown on the project construction plans. The elevations associated with the top of waste surface established are provided in **APPENDIX A**.

2.2 Construction Procedures

The top of waste preparation and excavation and/or fill for placement of the waste associated with the final cover system occurred during November 2025 to December 2025. During this period, the construction consisted of excavation, fill, and compaction of the existing soil covered waste to the permitted top of waste elevations. The elevations associated with the top of waste subgrade surface established are provided in **APPENDIX A**.

3.0 Compacted Clay Soil Cap Installation

The following section describes the construction of the compacted clay soil cap (CCSC). The 18-inch-thick CCSC corresponding to Final Cover was completed in December 2025 using imported off-site clay soils. It should be noted that the Partial Closure construction was completed concurrently with the construction of the Phase 3 – Cell 1 bottom liner system. Therefore, evaluation of borrow material soils and soils characterized as part of construction overlapped to some degree between the two projects.

3.1 Project Specifications

The project specifications called for the CCSC to be established to the lines and grades shown on the project construction plans at the start of construction. The project construction plans for the CCSC indicated that the layer was constructed in three compacted lifts to form a minimum 18-inch-thick re-compacted clay liner. Moisture-density tests were performed at 6-inch depth increments using a Troxler moisture-density gauge. Each clay lift was to be placed and compacted to at least 90% of the Standard Proctor maximum dry density at moisture content from 1% to 6% above the optimum moisture for the clay

material. As required by 8 CAR § 60-621 (d)(1), the hydraulic conductivity of the clay was not to exceed 1.0 x 10^{-5} cm/sec.

3.2 Construction Procedures

The CCSC was installed on top of the prepared subgrade, to the lines and grades shown on the plans and specifications. Haul trucks were utilized to transport clay cover soils from the stockpiles of off-site borrow material to the construction area. After transport, the earthwork contractor used a bulldozer to spread the clay material into approximately 8-inch to 10-inch loose lifts across the site. After placement, a sheepsfoot compactor was used to compact the thickness of each layer down to approximately 6 inches and to achieve the required density, moisture and permeability in the soils. A water truck moisture conditioned the soil, as necessary, to aid in compaction and meet permeability requirements. After the CCSC was completed, the surveyor recorded the final thickness as summarized in **APPENDIX A**.

3.3 Pre-Construction Testing of Clay Liner Materials

Field and Laboratory testing of the compacted clay soil cap was completed as specified in the project specifications, the facility CQA plan, and in accordance with the requirements of Arkansas Rule No. 22.

Before construction began, eight (8) soil samples were obtained from the clay stockpiles at a minimum frequency of one test per 20,000 cubic yards of soil placed. **APPENDIX C-1** contains the results of the CCSC materials pre-construction testing. The results indicate the materials meet or exceed the minimum project standards.

3.4 Construction Testing of CCL Materials

During the construction of the CCSC, two (2) additional clay samples were obtained for laboratory testing to verify the consistency of the materials during construction. The results of the construction laboratory testing are included in **APPENDIX C-2**. **Table 2** summarizes the results obtained from laboratory testing of the CCSC material. Based upon the results of the construction testing performed, the CCSC material samples comply with project specifications.

Field moisture and density tests were planned to be performed at a minimum rate of one test for every 10,000 square feet per compacted lift of newly emplaced clay liner. **FIGURES 8 through 10** illustrate the locations of the field moisture and density tests for each CCSC lift. **APPENDIX C-3** includes the field logs for the moisture and density testing performed in association with the CCSC construction. Based upon the results of the moisture and density

tests performed by Terracon, the minimum 18-inch-thick CCSC complies with the project specifications.

Shelby tube samples were obtained from each lift at a minimum rate of one test for every 40,000 square feet. **FIGURES 8 through 10** illustrate the locations where the Shelby Tube samples were obtained for each compacted lift of clay. The tubes were sealed and delivered to the laboratory for permeability testing using a flexible-wall permeameter (ASTM D-5084). Permeability results for the completed CCSC met the project requirements (less than 1.0 x 10^{-5} cm/s). **APPENDIX C-4** contains the CCSC permeability test results.

4.0 Stormwater Drainage and Vegetative Cover

This section summarizes the construction and establishment of stormwater drainage and vegetative cover layer corresponding to the final cover system. The stormwater drainage and vegetative cover consist of side slope diversion berms, two lined letdown structures, and a 6" layer of soil cover. The final cover system conforms to the approved permit plans and specifications. The survey record drawing provided in **APPENDIX A** illustrates the limits of the vegetative cover layer.

4.1 Stormwater Drainage

Side slope diversion berms were constructed over the cover to direct stormwater to letdown structures that drain to the landfill perimeter ditch. The diversion berms were constructed out of general fill material. The stormwater letdown structures were integrated into the cover system, above the clay barrier layer, and lined with 8-oz. geotextile and rip-rap. The letdowns drain into the perimeter ditch that then flows into the stormwater pond west of the closure area and perimeter access road.

4.2 Vegetative Cover Soil

The placement and preparation of the vegetative support layer associated with the final cover system occurred during January 2026 to February 2026. The vegetative support layer was comprised of the same material and placed in a single 6" minimum lift. The lift was compacted only to the degree necessary to remain stable on the slope, and was therefore loose enough to allow root penetration into the vegetative support layer. The elevations associated with the vegetative support layer are provided in **APPENDIX A**. Seeding on top of the vegetative support layer occurred in February 2026 and in accordance with the plans and specifications. The vegetative support layer was observed on July 1, 2026 and established grass was noted.

5.0 Test Pad

The CQA plan required construction of a test pad for any earthwork contractor that did not have a minimum of 500,000 square feet of clay liner placement in the previous 3 years. James A. Rogers Excavating did not demonstrate this qualification, thus a test pad was required and performed for this project. Six permeability samples were taken on the test pad, two per lift. Lifts were bonded by kneading the top lift into the second lift. Moisture was added as needed. To verify bonding of lifts, material was dug out for visual observation. A summary of the test pad construction permeability testing is included in **APPENDICES C-3 AND C-4**.

6.0 Construction Problems and Solutions

Some “top of clay soil cap” survey shots did not confirm that the required thickness of 1.5 feet of compacted clay barrier material had been placed, based on the top of clay verification survey. Twenty grid points 8, 10, 11, 13-23, 27-30, 42 and 48 exhibited less than the required 1.5 feet of clay, based on the top of clay vs. subgrade survey. It was observed by depth verification soundings that some areas exhibited compression of the waste and intermediate cover under load from the compaction equipment and soil and therefore the subgrade was deflected down prior to the top of clay survey.

Depth verification soundings were observed for those grid locations by CQA monitor Fernando Ocampo-Rodriguez on January 14, 2026. The contractor provided excavations for depth soundings at the grid locations, using GPS positioning and a small excavator bucket and then a measurement of clay depth was made by a tape from the top of clay to the subgrade surface. At least 20” of compacted imported clay was observed at all depth sounding locations. Subgrade elevations in the as-built points table were adjusted by subtracting the depth of clay observed in the verification soundings from the overlying top of clay elevations.

Appendix A
Record Drawings & Figures



N

0 1000' 2000'

SCALE: 1" = 2000'

LEGEND:

PROPERTY BOUNDARY

PERMITTED LANDFILL BOUNDARY

PARTIAL CLOSURE BOUNDARY

REV.	DATE	BY	DESCRIPTION

SITE LOCATION MAP

PARTIAL CLOSURE

GARLAND COUNTY CLASS 4 LANDFILL

GARLAND COUNTY CLASS 4 LANDFILL

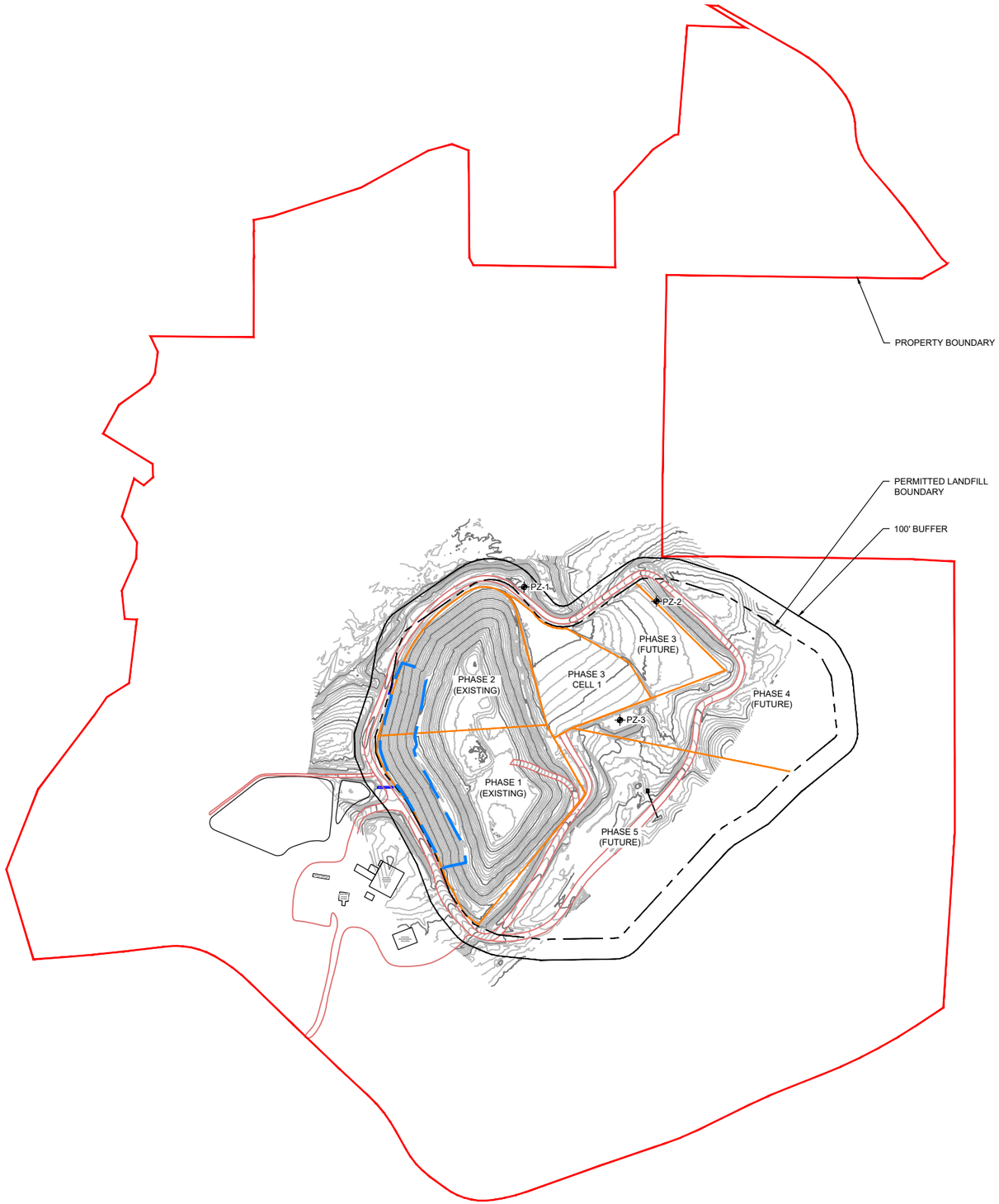
HOT SPRINGS ARKANSAS

Terracon
Consulting Engineers and Scientists
25809 I-30 SOUTH
PH. (501) 847-9292
BRYANT, AR 72022
FAX: (501) 847-9210

FIGURE 1

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.	009-006-35247264
ACAD NO.	001-003
SHEET NO.:	1 OF 10

C:\USERS\DJAPO\TTERRACONEDRIVE - TERRACON CONSULTANTS INC\CIVIL 3D PROJECTS 2\OWEN\GARLAND COUNTY\35237123\CONSTRUCTION\0 - CQA REPORT\001-003.DWG



N

0 300' 600'

SCALE: 1" = 600'

LEGEND:

- PROPERTY BOUNDARY
- PERMITTED LANDFILL BOUNDARY
- PERMITTED LANDFILL BOUNDARY (100' BUFFER)
- 520 EXISTING TOPOGRAPHY (2' CONTOURS)
- EXISTING ROADS / PARKING
- PHASE BOUNDARY
- PARTIAL CLOSURE BOUNDARY
- EXISTING PIEZOMETERS

NOTE:

1. EXISTING TOPOGRAPHY PROVIDED BY CRAFTON TULL USING DRONE SURVEY ON 9/8/2025, 11/12/2025 AND 2/25/2026.

REV.	DATE	BY	DESCRIPTION

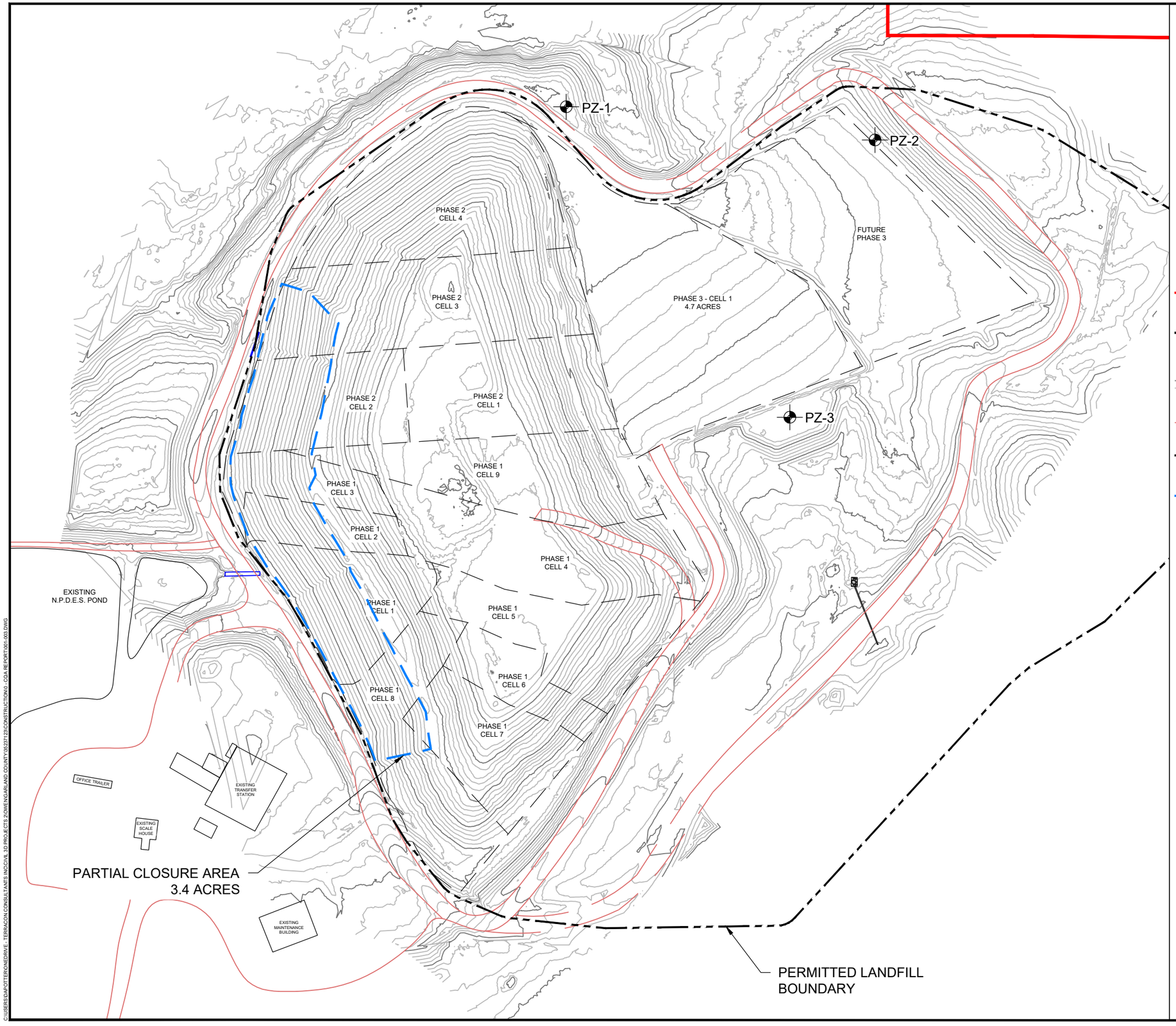
EXISTING CONDITIONS
PARTIAL CLOSURE
GARLAND COUNTY CLASS 4 LANDFILL
GARLAND COUNTY CLASS 4 LANDFILL
HOT SPRINGS ARKANSAS

Terracon Consulting Engineers and Scientists
25809 I-30 SOUTH BRYANT, AR 72022
PH. (501) 847-9292 FAX. (501) 847-9210

FIGURE 2

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.	009-006-35247264
ACAD NO.	001-003
SHEET NO.:	2 OF 9

C:\USERS\DJAPO\TTERRACONEDRIVE - TERRACON CONSULTANTS INC\CIVIL 3D PROJECTS 2\OWEN\GARLAND COUNTY\352371236\CONSTRUCTION\0 - CQA REPORT\001-003.DWG



N

0 100' 200'

SCALE: 1" = 200'

LEGEND:

- PROPERTY BOUNDARY
- PERMITTED LANDFILL BOUNDARY
- 520 EXISTING TOPOGRAPHY (2' CONTOURS)
- EXISTING ROADS / PARKING
- CELL BOUNDARY
- PARTIAL CLOSURE BOUNDARY
- EXISTING PIEZOMETERS

NOTE:

1. EXISTING TOPOGRAPHY PROVIDED BY CRAFTON TULL USING DRONE SURVEY ON 9/8/2025, 11/12/2025 AND 2/25/2026.

REV	DATE	BY	DESCRIPTION

EXISTING CONDITIONS (CONTINUED)

PARTIAL CLOSURE

GARLAND COUNTY CLASS 4 LANDFILL

GARLAND COUNTY CLASS 4 LANDFILL

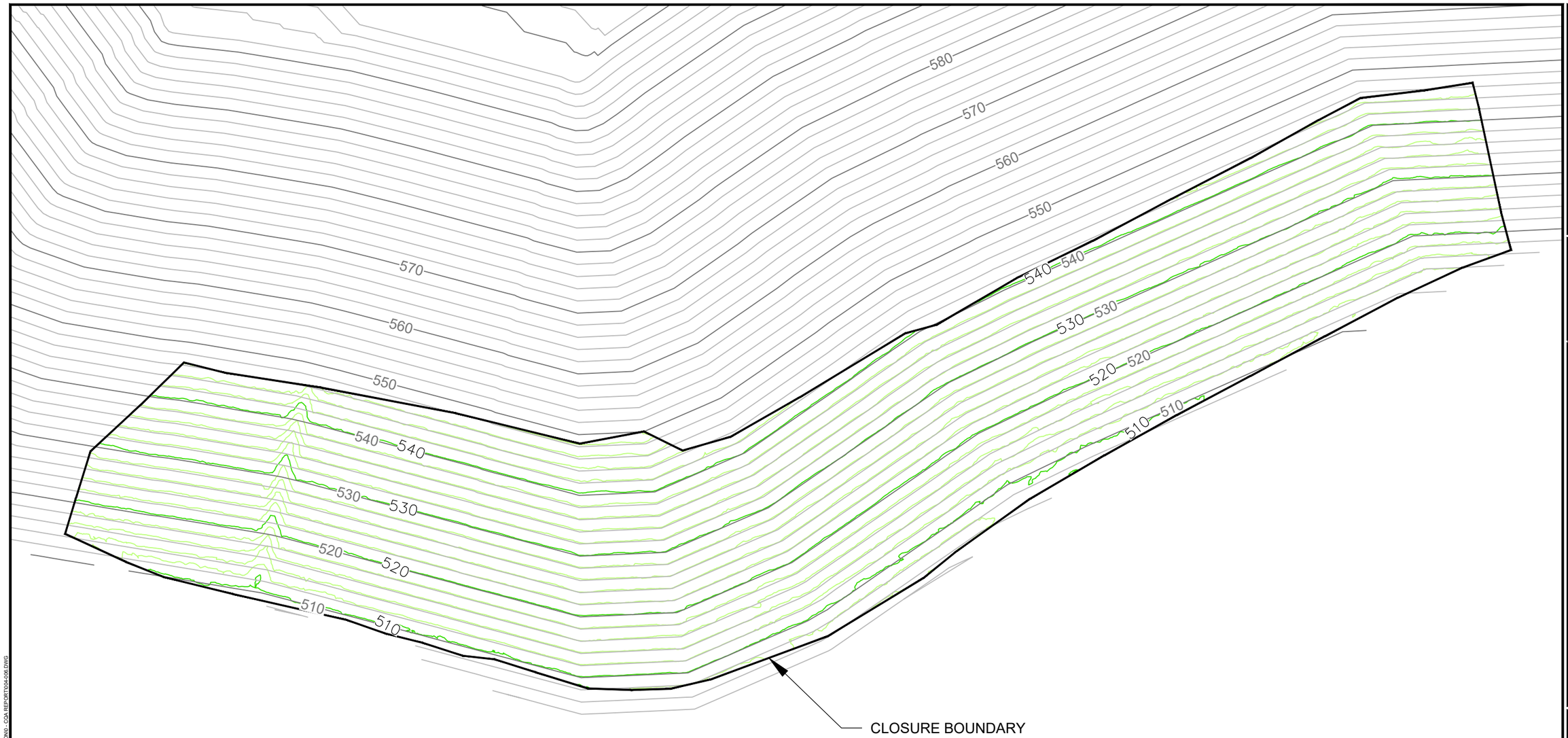
HOT SPRINGS ARKANSAS

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BRYANT, AR 72022
FAX: (501) 847-9210

FIGURE 3

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.	009-006-35247264
ACAD NO.	001-003
SHEET NO.:	3 OF 10

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N

0 35 70

SCALE: 1" = 70'

LEGEND:

520 PERMITTED FINAL WASTE CONTOURS

520 AS-BUILT TOP OF FINAL WASTE CONTOURS (12.9.2025)

REV.	DATE	BY	DESCRIPTION

AS-BUILT TOP OF FINAL WASTE

PARTIAL CLOSURE

GARLAND COUNTY CLASS 4 LANDFILL

GARLAND COUNTY CLASS 4 LANDFILL

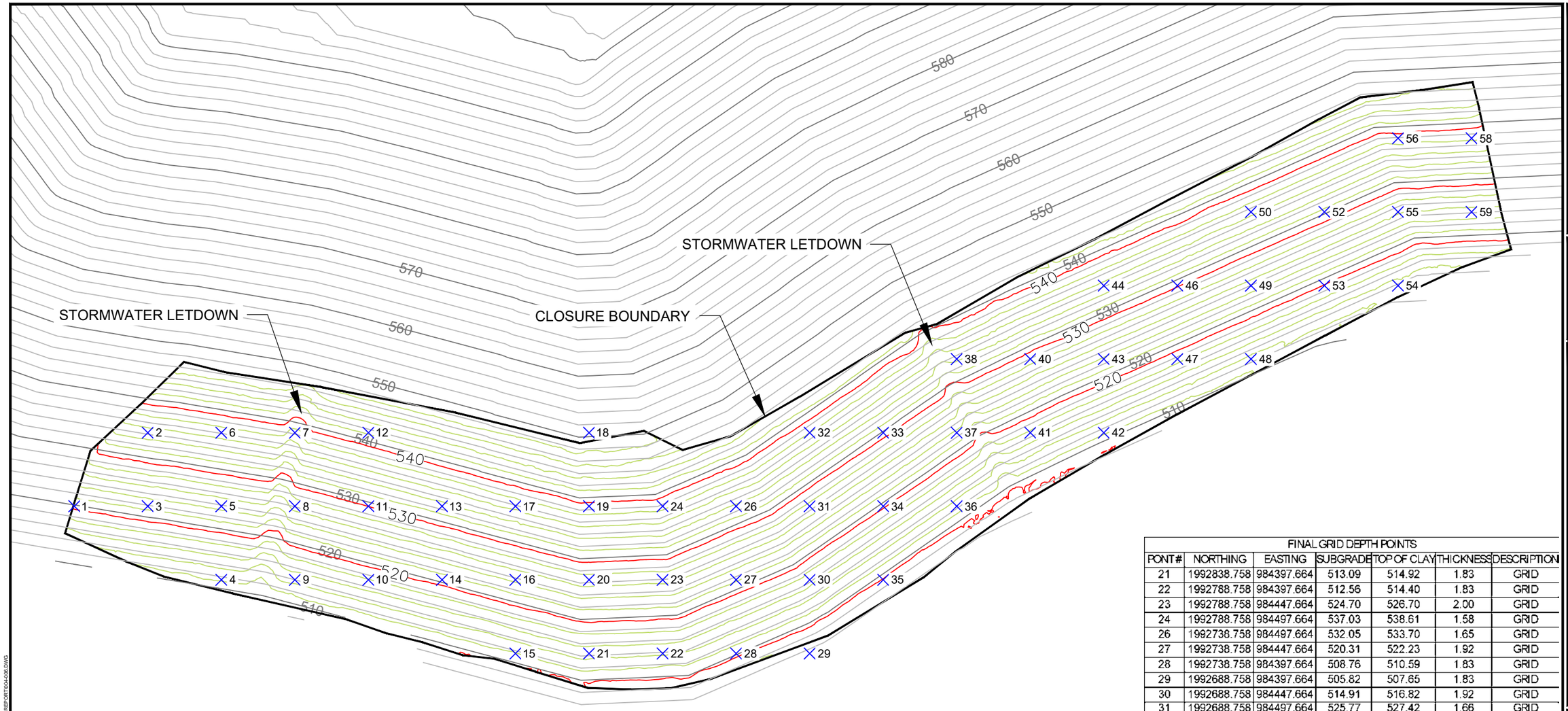
HOT SPRINGS ARKANSAS

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25809 I-30 SOUTH
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BRYANT, AR 72022
FAX. (501) 847-9210

FIGURE 4

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.	009-006-35247264
ACAD NO.	004-006
SHEET NO.:	4 OF 10

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FINAL GRID DEPTH POINTS						
PONT #	NORTHING	EASTING	SUBGRADE	TOP OF CLAY	THICKNESS	DESCRIPTION
1	1993188.758	984497.664	518.60	520.50	1.90	GRID
2	1993138.758	984547.664	533.40	535.19	1.78	GRID
3	1993138.758	984497.664	521.06	522.64	1.58	GRID
4	1993088.758	984447.664	510.59	512.20	1.62	GRID
5	1993088.758	984497.664	522.92	524.59	1.67	GRID
6	1993088.758	984547.664	535.33	537.13	1.80	GRID
7	1993038.758	984547.664	533.95	537.41	3.46	GRID
8	1993038.758	984497.664	524.74	526.74	2.00	GRID
9	1993038.758	984447.664	513.15	514.67	1.52	GRID
10	1992988.758	984447.664	516.06	517.89	1.83	GRID
11	1992988.758	984497.664	528.04	530.04	2.00	GRID
12	1992988.758	984547.664	540.74	542.26	1.51	GRID
13	1992938.758	984497.664	531.46	533.29	1.83	GRID
14	1992938.758	984447.664	518.93	520.93	2.00	GRID
15	1992888.758	984397.664	509.99	511.91	1.92	GRID
16	1992888.758	984447.664	522.38	524.38	2.00	GRID
17	1992888.758	984497.664	534.61	536.61	2.00	GRID
18	1992838.758	984547.664	548.42	550.08	1.67	GRID
19	1992838.758	984497.664	537.53	539.36	1.83	GRID
20	1992838.758	984447.664	525.30	527.13	1.83	GRID

FINAL GRID DEPTH POINTS						
PONT #	NORTHING	EASTING	SUBGRADE	TOP OF CLAY	THICKNESS	DESCRIPTION
21	1992838.758	984397.664	513.09	514.92	1.83	GRID
22	1992788.758	984397.664	512.56	514.40	1.83	GRID
23	1992788.758	984447.664	524.70	526.70	2.00	GRID
24	1992788.758	984497.664	537.03	538.61	1.58	GRID
26	1992738.758	984497.664	532.05	533.70	1.65	GRID
27	1992738.758	984447.664	520.31	522.23	1.92	GRID
28	1992738.758	984397.664	508.76	510.59	1.83	GRID
29	1992688.758	984397.664	505.82	507.65	1.83	GRID
30	1992688.758	984447.664	514.91	516.82	1.92	GRID
31	1992688.758	984497.664	525.77	527.42	1.66	GRID
32	1992688.758	984547.664	536.32	538.01	1.69	GRID
33	1992638.758	984547.664	529.21	530.81	1.60	GRID
34	1992638.758	984497.664	518.77	520.32	1.55	GRID
35	1992638.758	984447.664	508.17	509.85	1.68	GRID
36	1992588.758	984497.664	511.51	513.14	1.63	GRID
37	1992588.758	984547.664	521.68	523.58	1.90	GRID
38	1992588.758	984597.664	532.70	534.35	1.65	GRID
40	1992538.758	984597.664	527.30	528.86	1.56	GRID
41	1992538.758	984547.664	515.62	517.69	2.06	GRID
42	1992488.758	984547.664	510.36	512.28	1.92	GRID
43	1992488.758	984597.664	521.72	523.71	1.99	GRID
44	1992488.758	984647.664	533.58	535.37	1.79	GRID
46	1992438.758	984647.664	528.35	530.23	1.88	GRID
47	1992438.758	984597.664	516.95	518.67	1.72	GRID
48	1992388.758	984597.664	511.51	513.51	2.00	GRID
49	1992388.758	984647.664	523.43	525.10	1.66	GRID
50	1992388.758	984697.664	534.77	536.54	1.77	GRID
52	1992338.758	984697.664	529.48	531.49	2.01	GRID
53	1992338.758	984647.664	518.31	519.89	1.58	GRID
54	1992288.758	984647.664	512.96	515.24	2.28	GRID
55	1992288.758	984697.664	524.31	526.38	2.06	GRID
56	1992288.758	984747.664	537.25	539.15	1.90	GRID
58	1992238.758	984747.664	535.66	538.33	2.67	GRID
59	1992238.758	984697.664	523.52	525.20	1.67	GRID

N

0 35 70

SCALE: 1" = 70'

LEGEND:

520 PERMITTED CLAY SOIL CAP CONTOURS

520 AS-BUILT TOP OF CLAY SOIL CAP CONTOURS (1.6.2026)

1 CERTIFICATION POINT

REV.	DATE	BY	DESCRIPTION

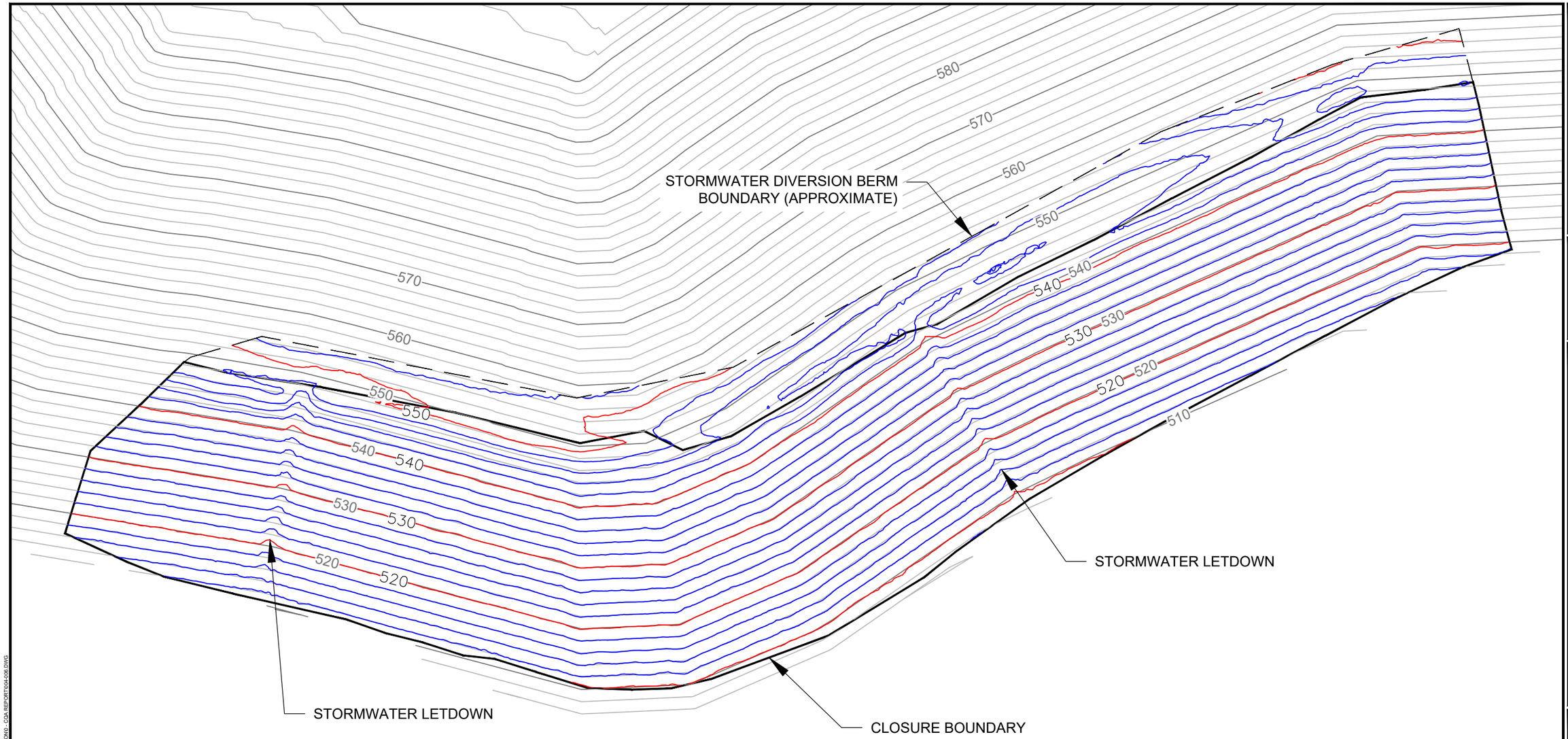
AS-BUILT TOP OF CLAY SOIL CAP
PARTIAL CLOSURE
GARLAND COUNTY CLASS 4 LANDFILL
GARLAND COUNTY CLASS 4 LANDFILL
HOT SPRINGS ARKANSAS

terracon
Consulting Engineers and Scientists
25809 I-30 SOUTH
PH: (501) 847-9292
BRYANT, AR 72022
FAX: (501) 847-9210

FIGURE 5

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.	009-006-35247264
ACAD NO.	004-006
SHEET NO.:	5 OF 10

C:\USERS\DAPOTTER\ONEDRIVE - TERRACON CONSULTANTS INC\CIVIL 3D PROJECTS 2\OWENGARLAND COUNTY\35237123\CONSTRUCTION\0 - CQA REPORT\004-006.DWG



N

0 35 70

SCALE: 1" = 70'

LEGEND:

520 PERMITTED FINAL COVER CONTOURS

520 AS-BUILT TOP OF VEGETATIVE COVER CONTOURS (2.25.2026)

REV.	DATE	BY	DESCRIPTION

AS-BUILT TOP OF VEGETATIVE COVER

PARTIAL CLOSURE

GARLAND COUNTY CLASS 4 LANDFILL

GARLAND COUNTY CLASS 4 LANDFILL

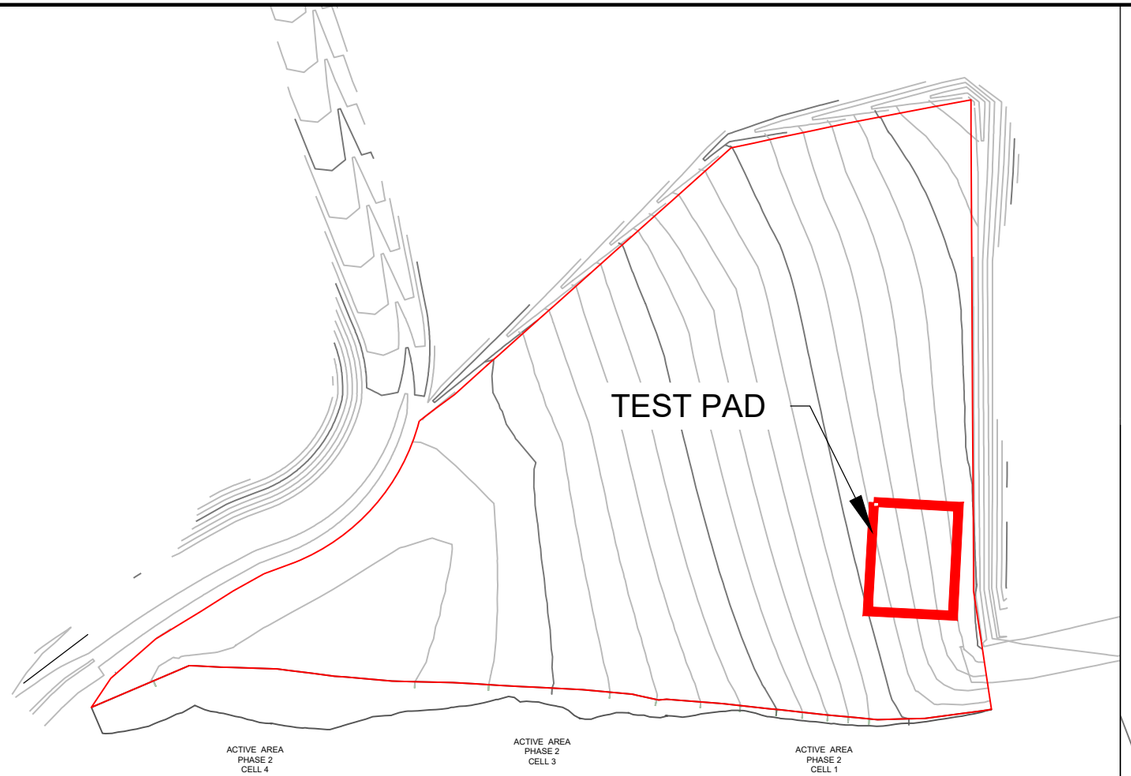
HOT SPRINGS ARKANSAS

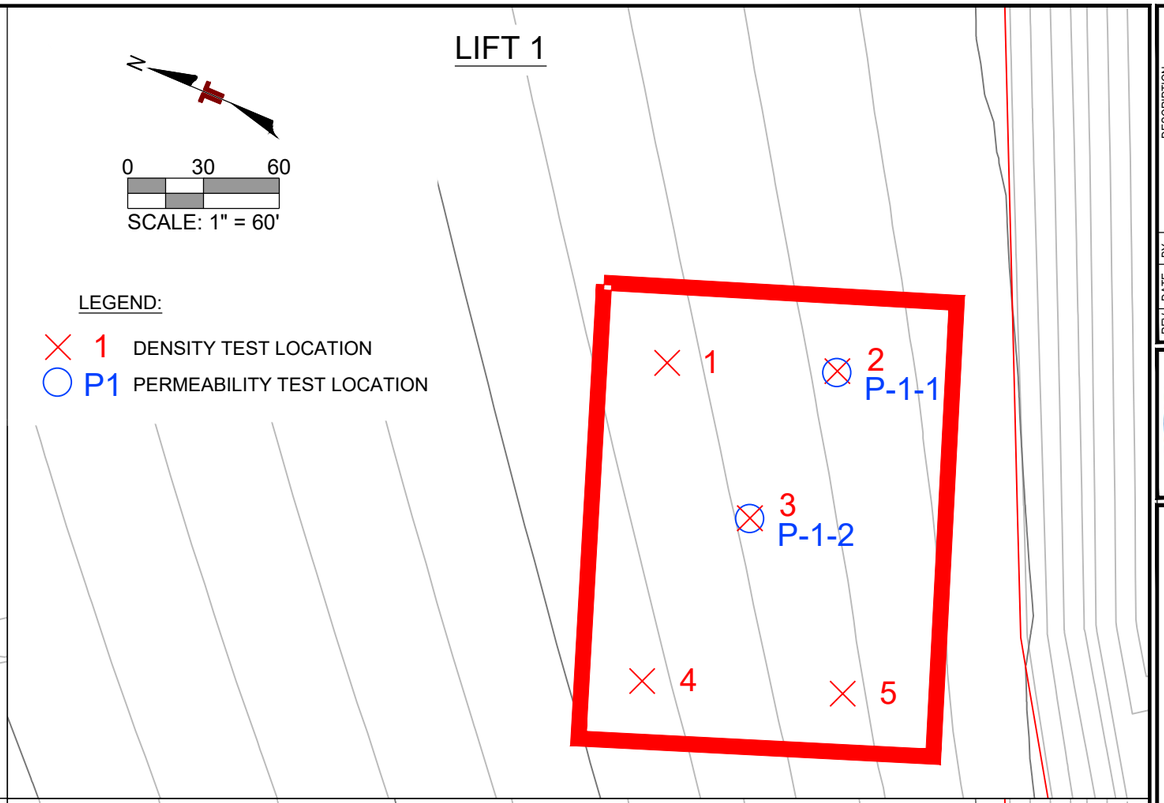
terracon
Consulting Engineers and Scientists
25809 I-30 SOUTH
PH: (501) 847-9292
BRYANT, AR 72022
FAX: (501) 847-9210

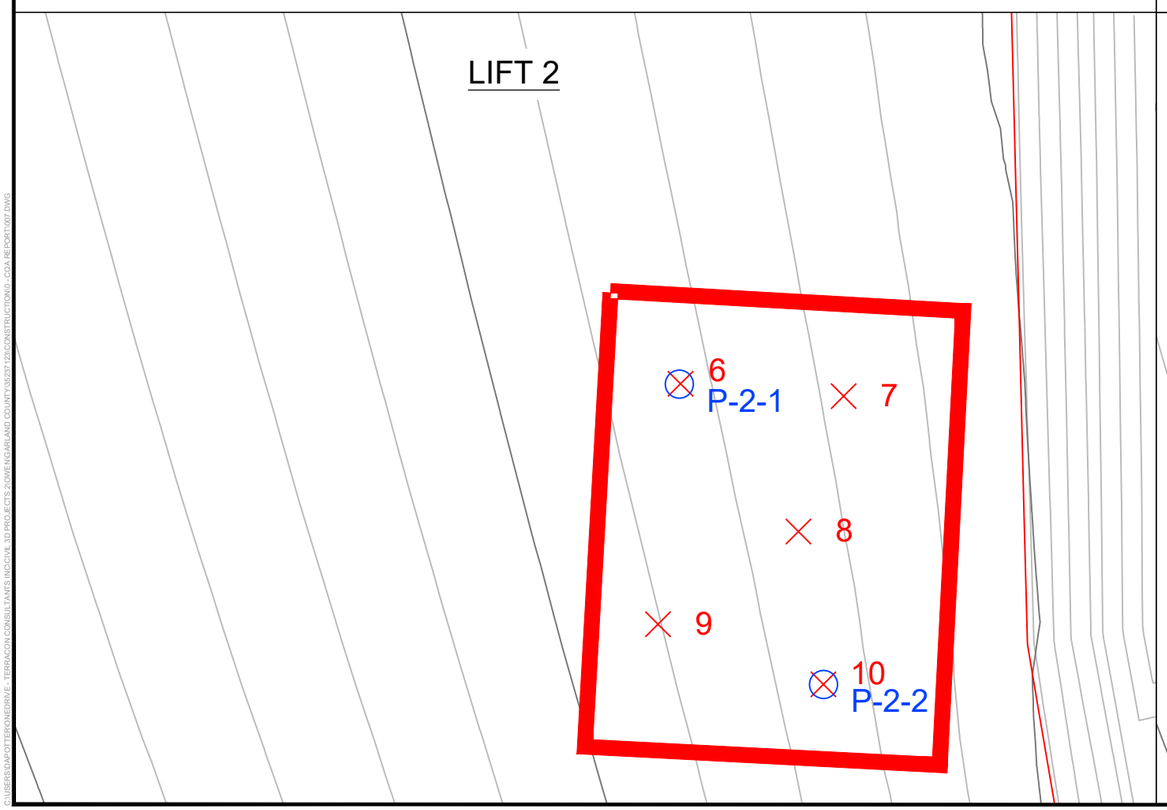
FIGURE 6

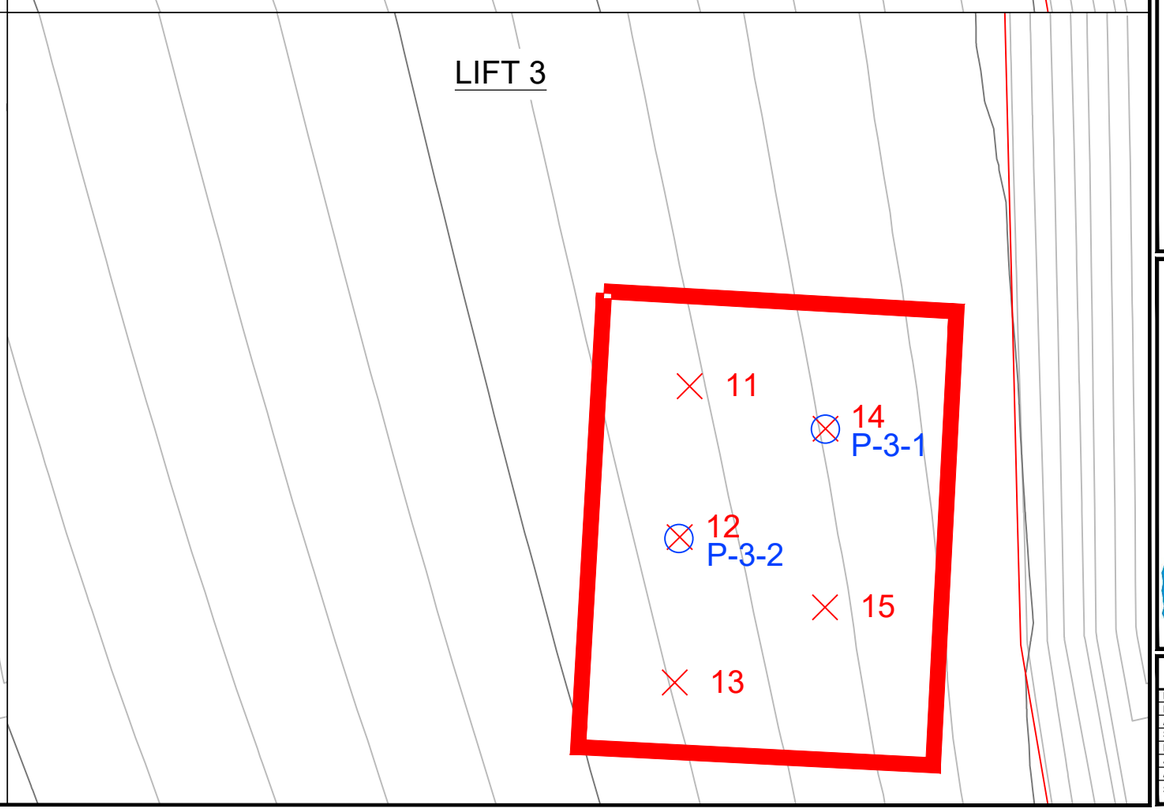
DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.:	009-006-35247264
ACAD NO.	004-006
SHEET NO.:	6 OF 10

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REV.	DATE	BY	DESCRIPTION

PHASE 3-1 TEST PAD DENSITY/PERM TEST LOCATIONS - LIFTS 1-3

PHASE 3 - CELL 1 & PARTIAL CLOSURE

GARLAND COUNTY CLASS 4 LANDFILL

GARLAND COUNTY CLASS 4 LANDFILL

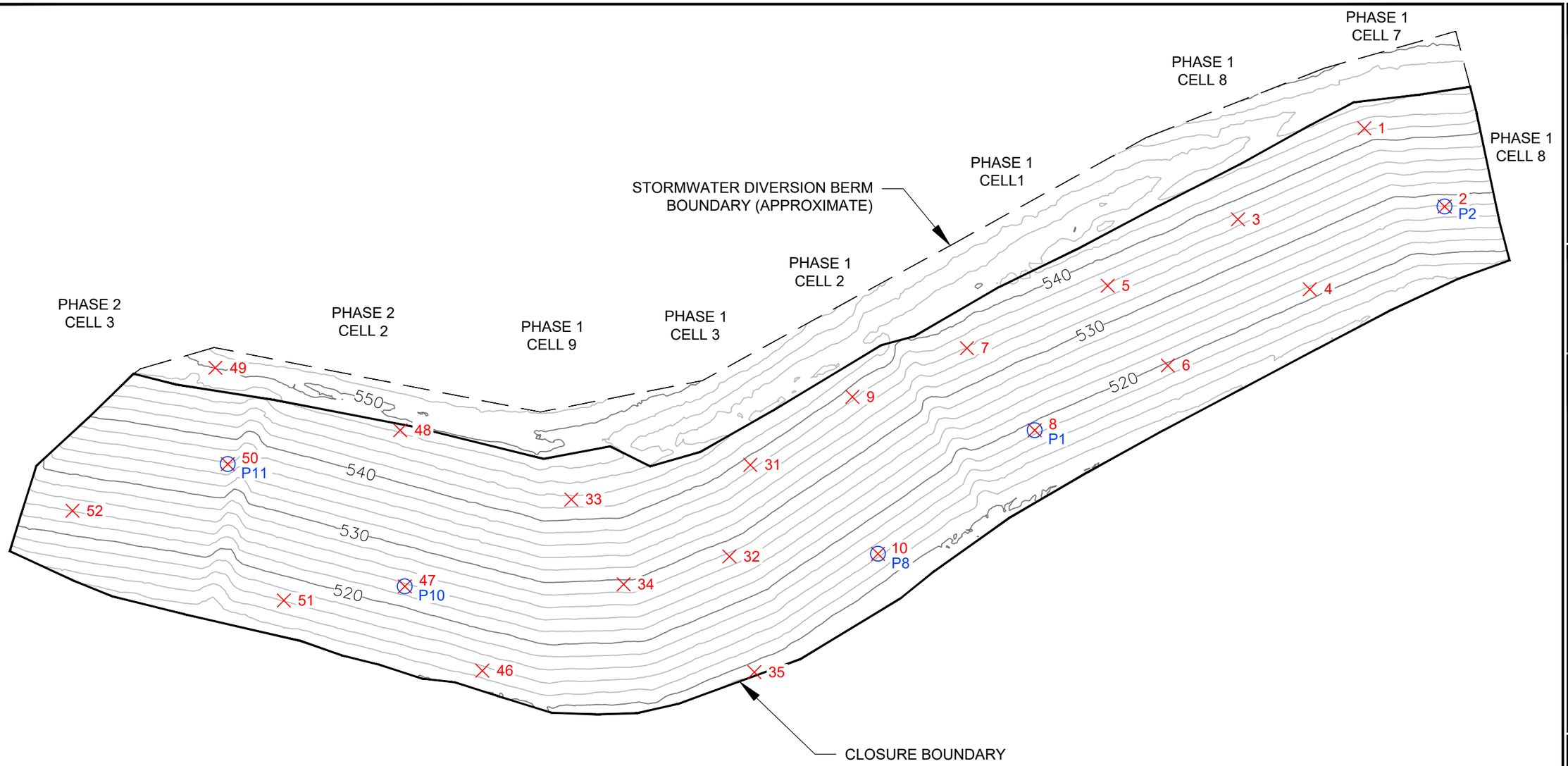
HOT SPRINGS ARKANSAS

Terracon
Consulting Engineers and Scientists
25809 I-30 SOUTH
PH. (501) 847-9292
BRYANT, AR 72022
FAX: (501) 847-9210

FIGURE 7

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	09/11/2025
JOB NO.	009-006-35247264
ACAD NO.	007
SHEET NO.:	7 OF 10

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NOTES:

1. CONTOURS FROM AS-BUILT TOP OF CLAY SURVEY PERFORMED 1.6.2026.

N

0 35 70

SCALE: 1" = 70'

LEGEND:

× 1	DENSITY TEST LOCATION
○ P2	PERMEABILITY TEST LOCATION

REV.	DATE	BY	DESCRIPTION

CLAY LINER DENSITY/PERM TEST LOCATION - LIFT 1

PARTIAL CLOSURE

GARLAND COUNTY CLASS 4 LANDFILL

GARLAND COUNTY CLASS 4 LANDFILL

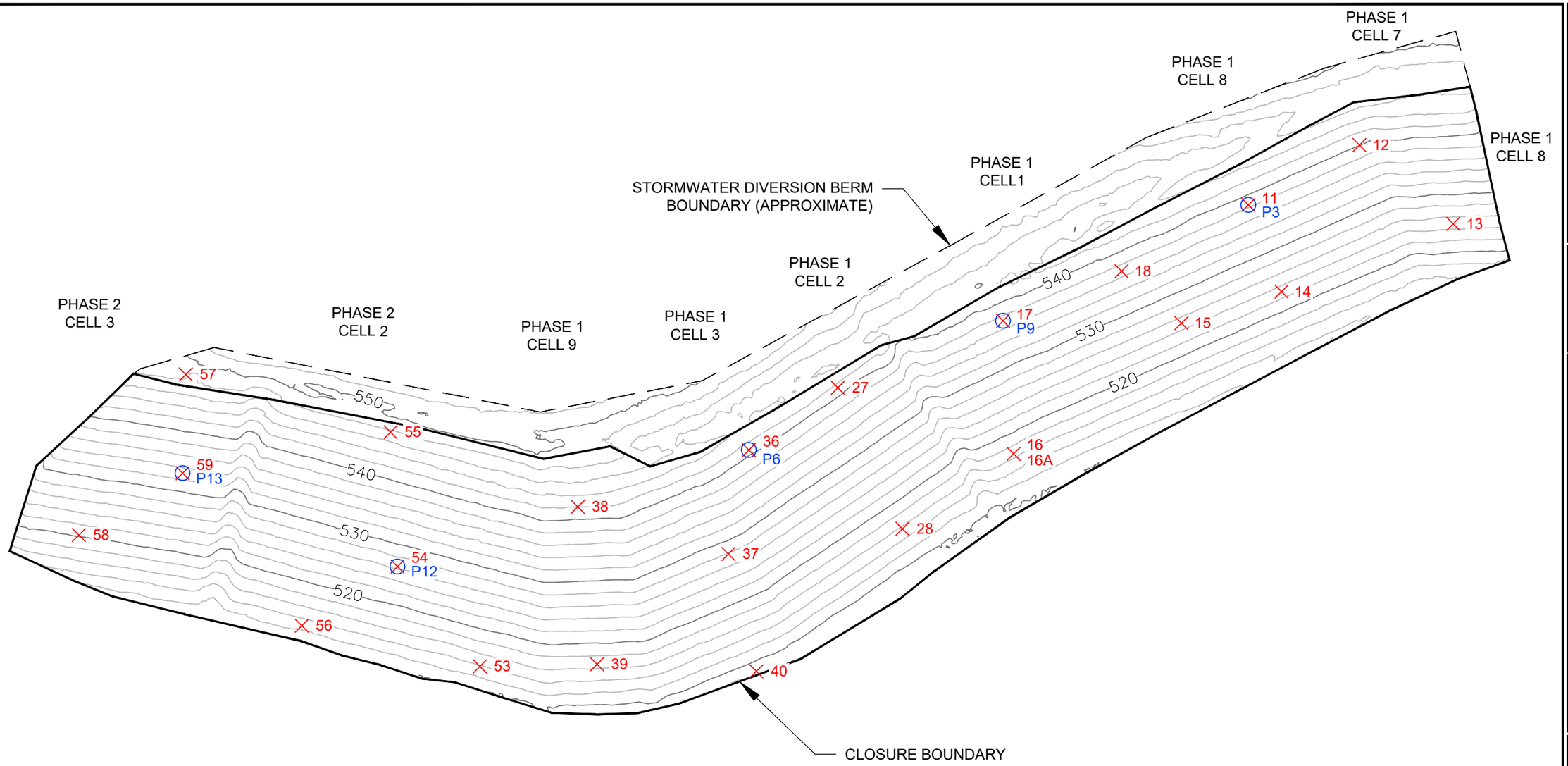
HOT SPRINGS ARKANSAS

Terracon
Consulting Engineers and Scientists
25809 I-30 SOUTH
PH. (501) 847-9292
BRYANT, AR 72022
FAX. (501) 847-9210

FIGURE 8

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.	009-006-35247264
ACAD NO.	008-010
SHEET NO.:	8 OF 10

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NOTES:

1. CONTOURS FROM AS-BUILT TOP OF CLAY SURVEY PERFORMED 1.6.2026.

N

0 35 70

SCALE: 1" = 70'

LEGEND:

✕ 1	DENSITY TEST LOCATION
◯ P2	PERMEABILITY TEST LOCATION

REV.	DATE	BY	DESCRIPTION

CLAY LINER DENSITY/PERM TEST LOCATION - LIFT 2

PARTIAL CLOSURE

GARLAND COUNTY CLASS 4 LANDFILL

GARLAND COUNTY CLASS 4 LANDFILL

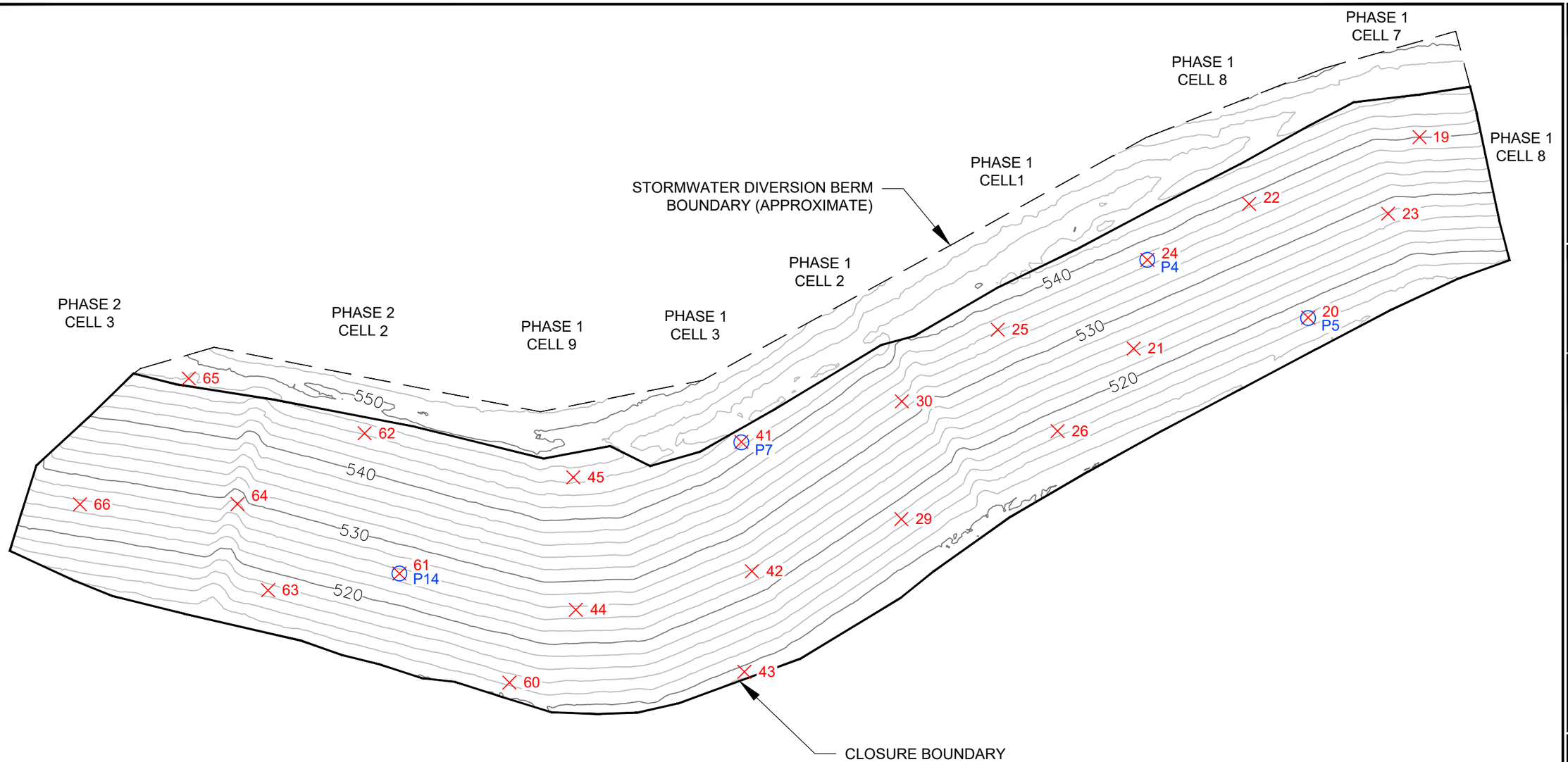
HOT SPRINGS ARKANSAS

Terracon
Consulting Engineers and Scientists
25809 I-30 SOUTH
PH. (501) 847-9292
BRYANT, AR 72022
FAX. (501) 847-9210

FIGURE 9

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.	009-006-35247264
ACAD NO.	008-010
SHEET NO.:	9 OF 10

C:\USERS\DAPOTTER\ONEDRIVE - TERRACON CONSULTANTS INC\CIVIL 3D PROJECTS 2\OWEN\GARLAND COUNTY\352371230\CONSTRUCTION\0 - COA REPORT\008-010.DWG



NOTES:

1. CONTOURS FROM AS-BUILT TOP OF CLAY SURVEY PERFORMED 1.6.2026.

N

0 35 70

SCALE: 1" = 70'

LEGEND:

1	DENSITY TEST LOCATION
P2	PERMEABILITY TEST LOCATION

REV.	DATE	BY	DESCRIPTION

CLAY LINER DENSITY/PERM TEST LOCATION - LIFT 3

PARTIAL CLOSURE

GARLAND COUNTY CLASS 4 LANDFILL

GARLAND COUNTY CLASS 4 LANDFILL

HOT SPRINGS ARKANSAS

Terracon
Consulting Engineers and Scientists
25809 I-30 SOUTH
PH. (501) 847-9292
BRYANT, AR 72022
FAX: (501) 847-9210

FIGURE 10

DESIGNED BY:	FOC
DRAWN BY:	AJS
APPVD. BY:	FOC
SCALE:	SEE BARSCALE
DATE:	4/8/2026
JOB NO.	009-006-35247264
ACAD NO.	008-010
SHEET NO.:	10 OF 10

C:\USERS\DJAPO\TTERRACONEDRIVE - TERRACON CONSULTANTS INC\CIVIL 3D PROJECTS 2\OWEN\GARLAND COUNTY\352372\3\CONSTRUCTION\0 - CQA REPORT\008-010.DWG

Appendix B
Daily Field Logs

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/2/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor does not work on Sunday.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/3/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
40	Low Temp. (°F)	60	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/4/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
40	Low Temp. (°F)	60	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/5/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
40	Low Temp. (°F)	60	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/6/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
40	Low Temp. (°F)	60	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/7/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
40	Low Temp. (°F)	60	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/8/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

	Clear		Cloudy
X	Partly Cloudy		Rain
	Windy		Foggy / Misty
82	Low Temp. (°F)	93	High Temp. (°F)

REPORTING TIMES:

Arrive Site:
Depart Site:

FIELD TESTING PERFORMED:

	Moisture/Density		Bridge Lift
	Shelby Tube(s)		Clay Liner

EQUIPMENT ONSITE:

	Dozer(s)		Tractor & Pans
	Excavator(s)		Skidsteer
	Backhoe(s)		Water Truck
	Haul Truck(s)		Sheeps Foot Compactor
	Motor Grader(s)		Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
	Contractor		Liner Installer
	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor did not work on Saturday.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/9/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor does not work on Sunday.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/10/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Allie Storment
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
40	Low Temp. (°F)	60	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/11/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Allie Storment
Test Location: Partial Closure

WEATHER:

	Clear	X	Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
34	Low Temp. (°F)	57	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 7:45 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/12/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
42	Low Temp. (°F)	61	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:30 AM
Depart Site: 4:30 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/13/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Allie Storment
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
35	Low Temp. (°F)	59	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/14/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
40	Low Temp. (°F)	60	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/15/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor did not work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/16/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor does not work Sundays.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/17/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Allie Storment
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
57	Low Temp. (°F)	82	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:30 AM
Depart Site: 4:15 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/18/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Allie Storment
Test Location: Partial Closure

WEATHER:			
X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
57	Low Temp. (°F)	82	High Temp. (°F)

Arrive Site: 8:20 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:			
X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:			
X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:			
	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/19/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Allie Storment
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
64	Low Temp. (°F)	82	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Worked on closure slope.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/20/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor did not work due to rain.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/21/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor did not work due to wetness from rain.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/22/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor did not work due to wetness from rain.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/23/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Off for Thanksgiving.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/24/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Off for Thanksgiving.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/25/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Off for Thanksgiving.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/26/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Off for Thanksgiving.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/27/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Off for Thanksgiving.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/28/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Off for Thanksgiving.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/29/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Off for Thanksgiving.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 11/30/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor does not work on Sundays.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/1/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Rain event.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/2/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

	Clear		Cloudy
	Partly Cloudy	X	Rain
	Windy		Foggy / Misty
23	Low Temp. (°F)	35	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Rain Event

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/3/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
27	Low Temp. (°F)	37	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractors present, no clay work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/4/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy	X	Rain
	Windy		Foggy / Misty
34	Low Temp. (°F)	39	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractors present. Turned into rain/sleet event.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/5/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear	X	Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
30	Low Temp. (°F)	52	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor present. No clay work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/6/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor did not work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/7/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor does not work on Sundays.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/8/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Rain event.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/9/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___	Clear	___	Cloudy
___	Partly Cloudy	X	Rain
___	Windy	___	Foggy / Misty
___	Low Temp. (°F)	___	High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___	Moisture/Density	___	Bridge Lift
___	Shelby Tube(s)	___	Clay Liner

EQUIPMENT ONSITE:

___	Dozer(s)	___	Tractor & Pans
___	Excavator(s)	___	Skidsteer
___	Backhoe(s)	___	Water Truck
___	Haul Truck(s)	___	Sheeps Foot Compactor
___	Motor Grader(s)	___	Smooth Drum Compactor

PERSONNEL ONSITE:

___	Client	___	Liner Crew
___	Contractor	___	Liner Installer
___	CQA Consultant	___	Concrete Crew
___	Design Engineer	___	Pipe Installer
___	Surveyor	___	Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Rain Event

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/10/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
34	Low Temp. (°F)	45	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractors present, no clay work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/11/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy	X	Rain
	Windy		Foggy / Misty
23	Low Temp. (°F)	38	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractors present. Turned into rain/sleet event.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/12/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Allie Storment, Fernando Ocampo
Test Location: Partial Closure

WEATHER:

X	Clear	X	Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
54	Low Temp. (°F)	68	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on clay liner for partial closure area.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/13/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: John Wallace
Test Location: Partial Closure

WEATHER:

	Clear		Cloudy
X	Partly Cloudy		Rain
	Windy		Foggy / Misty
65	Low Temp. (°F)	75	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 7:30 AM
Depart Site: 4:30 AM

FIELD TESTING PERFORMED:

	Moisture/Density		Bridge Lift
	Shelby Tube(s)		Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)		Sheeps Foot Compactor
	Motor Grader(s)		Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on partial closure clay liner.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/14/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor does not work on Sundays.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/15/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: John Wallace
Test Location: Partial Closure

WEATHER:

	Clear	X	Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
45	Low Temp. (°F)	55	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 7:30 AM
Depart Site: 6:30 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on clay liner.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/16/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: John Wallace
Test Location: Partial Closure

WEATHER:

	Clear	X	Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
23	Low Temp. (°F)	35	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 7:30 AM
Depart Site: 5:15 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on clay liner.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/17/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Allie Storment
Test Location: Partial Closure

WEATHER:

X	Clear		Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
34	Low Temp. (°F)	45	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:00 AM
Depart Site: 4:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on clay liner.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/18/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: John Wallace
Test Location: Partial Closure

WEATHER:

___	Clear	___	Cloudy
___	Partly Cloudy	X	Rain
___	Windy	___	Foggy / Misty
___	Low Temp. (°F)	___	High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___	Moisture/Density	___	Bridge Lift
___	Shelby Tube(s)	___	Clay Liner

EQUIPMENT ONSITE:

___	Dozer(s)	___	Tractor & Pans
___	Excavator(s)	___	Skidsteer
___	Backhoe(s)	___	Water Truck
___	Haul Truck(s)	___	Sheeps Foot Compactor
___	Motor Grader(s)	___	Smooth Drum Compactor

PERSONNEL ONSITE:

___	Client	___	Liner Crew
___	Contractor	___	Liner Installer
___	CQA Consultant	___	Concrete Crew
___	Design Engineer	___	Pipe Installer
___	Surveyor	___	Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor did not work due to rain.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/19/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: John Wallace
Test Location: Partial Closure

WEATHER:

___	Clear	___	Cloudy
___	Partly Cloudy	X	Rain
___	Windy	___	Foggy / Misty
___	Low Temp. (°F)	___	High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___	Moisture/Density	___	Bridge Lift
___	Shelby Tube(s)	___	Clay Liner

EQUIPMENT ONSITE:

___	Dozer(s)	___	Tractor & Pans
___	Excavator(s)	___	Skidsteer
___	Backhoe(s)	___	Water Truck
___	Haul Truck(s)	___	Sheeps Foot Compactor
___	Motor Grader(s)	___	Smooth Drum Compactor

PERSONNEL ONSITE:

___	Client	___	Liner Crew
___	Contractor	___	Liner Installer
___	CQA Consultant	___	Concrete Crew
___	Design Engineer	___	Pipe Installer
___	Surveyor	___	Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor did not work due to rain.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/20/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

	Clear		Cloudy
X	Partly Cloudy		Rain
	Windy		Foggy / Misty
40	Low Temp. (°F)	53	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 7:45 AM
Depart Site: 1:00 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on clay liner.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/21/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor does not work on Sundays.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/22/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

	Clear		Cloudy
X	Partly Cloudy		Rain
	Windy		Foggy / Misty
48	Low Temp. (°F)	52	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 7:30 AM
Depart Site: 4:30 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on partial closure clay liner.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/23/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

	Clear	X	Cloudy
	Partly Cloudy		Rain
	Windy		Foggy / Misty
55	Low Temp. (°F)	67	High Temp. (°F)

REPORTING TIMES:

Arrive Site: 8:30 AM
Depart Site: 4:30 PM

FIELD TESTING PERFORMED:

X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:

X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:

	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on partial closure clay liner.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/24/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Christmas Holiday. Contractor did not work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/25/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Christmas Holiday. Contractor did not work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/26/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Christmas Holiday. Contractor did not work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/27/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Christmas Holiday. Contractor did not work.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/28/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:

___ Clear	___ Cloudy
___ Partly Cloudy	___ Rain
___ Windy	___ Foggy / Misty
___ Low Temp. (°F)	___ High Temp. (°F)

REPORTING TIMES:

Arrive Site: _____
Depart Site: _____

FIELD TESTING PERFORMED:

___ Moisture/Density	___ Bridge Lift
___ Shelby Tube(s)	___ Clay Liner

EQUIPMENT ONSITE:

___ Dozer(s)	___ Tractor & Pans
___ Excavator(s)	___ Skidsteer
___ Backhoe(s)	___ Water Truck
___ Haul Truck(s)	___ Sheeps Foot Compactor
___ Motor Grader(s)	___ Smooth Drum Compactor

PERSONNEL ONSITE:

___ Client	___ Liner Crew
___ Contractor	___ Liner Installer
___ CQA Consultant	___ Concrete Crew
___ Design Engineer	___ Pipe Installer
___ Surveyor	___ Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor does not work on Sundays.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Daily Project Construction Summary

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

Project No: 35247264
Date of Report: 12/29/2025
Client Name: Garland County Class 4 Landfill
Contractor: James A. Rogers Excavating
Project Name: Phase 3 - Cell 1 & Partial Closure
Technician: Fernando Ocampo
Test Location: Partial Closure

WEATHER:			
	Clear		Cloudy
X	Partly Cloudy		Rain
	Windy		Foggy / Misty
29	Low Temp. (°F)	39	High Temp. (°F)

REPORTING TIMES:	
Arrive Site:	8:30 AM
Depart Site:	3:30 PM

FIELD TESTING PERFORMED:			
X	Moisture/Density		Bridge Lift
	Shelby Tube(s)	X	Clay Liner

EQUIPMENT ONSITE:			
X	Dozer(s)		Tractor & Pans
X	Excavator(s)		Skidsteer
	Backhoe(s)	X	Water Truck
X	Haul Truck(s)	X	Sheeps Foot Compactor
	Motor Grader(s)	X	Smooth Drum Compactor

PERSONNEL ONSITE:			
	Client		Liner Crew
4	Contractor		Liner Installer
1	CQA Consultant		Concrete Crew
	Design Engineer		Pipe Installer
	Surveyor		Gas Line Inst.

SUMMARY OF ACTIVITIES OBSERVED:

Contractor worked on and finished the partial closure clay liner.

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Appendix C
Soils Information

Appendix C-1
Pre-Construction Testing

Table 1
Garland County Cedar Glades Class 4 LF - Partial Closure
Soils Lab Testing - Preconstruction Testing

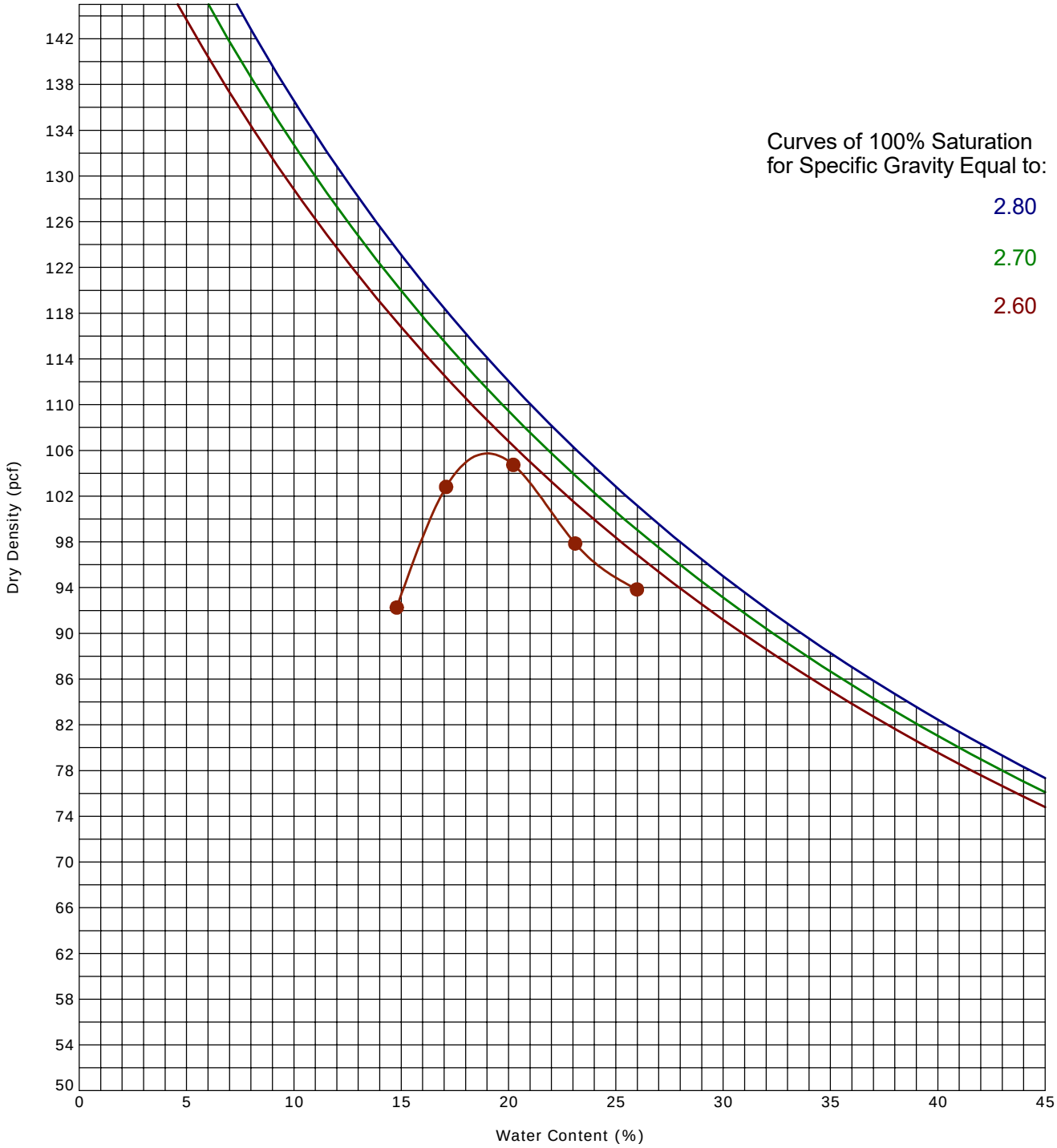
Material ID	Max Dry Density (PCF)	Optimum Water Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	Passing #200	Permeability (cm/sec)
CL-PC1	105.7	19.1	60	30	30	72.1	6.45E-06
CL-PC2	110.2	17.3	41	22	19	74.3	6.10E-07
CL-C4	99.7	22.3	43	26	17	65.6	2.57E-07
Clay Requirements					**>10**	**>30%**	**<1.00E-5 cm/sec**

Notes:

2822 O'Neal Ln, Bldg B
Baton Rouge, LA

Moisture-Density Relationship

ASTM D698-Method A



Sample Identification	Description of Materials
CL-PC1	FAT CLAY with SAND(CH)

Fines (%)	Fraction > mm size	LL	PL	PI	Test Method	Maximum Dry Density (pcf)	Optimum Water Content (%)
72	0.0	60	30	30	ASTM D698-Method A	105.7	19.1

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = 105.7 OMC = 19.1

Boring No.: N/A Depth/Sample No.: CL-PC1

% of max = 90.9% +/- OMC = 0.9

Material: Reddish-Brown Fat Clay with Sand

	Before Test	After Test
Can No.	136	186
Wet Wt.&Tare	99.27	447.52
Dry Wt. & Tare	90.98	359.52
Tare Wt.	49.6	49.64
Wt. of Dry Soil	41.4	309.88
Water Content	20.0	28.4

Avg. Dia. 2.825 UWW: 115.3

Sample Ht. 1.985 UDW: 96.0

Sample Wt. 376.50 Pres. Diff. 5.0

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		910098	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
09/04/25	3:28:00	09/04/25	3:28:10	11.6	12.6	60.0	14.4	11.3	6.92E-05	0.32
09/04/25	3:28:10	09/04/25	3:28:20	12.6	13.7	60.0	11.3	10.2	1.24E-05	1.00
09/04/25	3:28:20	09/04/25	3:28:30	13.7	14.8	60.0	10.2	9.1	7.43E-06	1.00
09/04/25	3:28:30	09/04/25	3:28:40	14.8	15.9	60.0	9.1	8.0	5.30E-06	1.00
09/04/25	3:28:40	09/04/25	3:28:50	15.9	17.0	60.0	8.0	7.0	3.94E-06	1.10
09/04/25	3:28:50	09/04/25	3:29:00	17.0	18.1	60.0	7.0	6.0	3.22E-06	1.10

ASTM D4318 Atterberg Limits

Liquid Limit: 60

Plastic Limit: 30

Plasticity Index: 30

ASTM D1140 Wash 200

Percent Fines (%): 72.1

Avg. K_{20} = 6.45E-06 cm/sec

Remolded at 90% compaction of Standard Proctor and 1% - 2% above optimum moisture content

ASTM D2216 WATER CONTENT OF SOIL AND ROCK

Report Number: 35247264.0012
Service Date: 09/24/25
Report Date: 10/04/25
Task: Bid Phase and CQA

2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264

Sample Location	CL-PC2
Method Used	B
Water Content (%)	23.1
Visual Description	Red Lean Clay with Sand
Date Tested	09/29/25
Sample Tested By	Desharnais, Diego

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL

Report Number: 35247264.0012
Service Date: 09/24/25
Report Date: 10/04/25
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

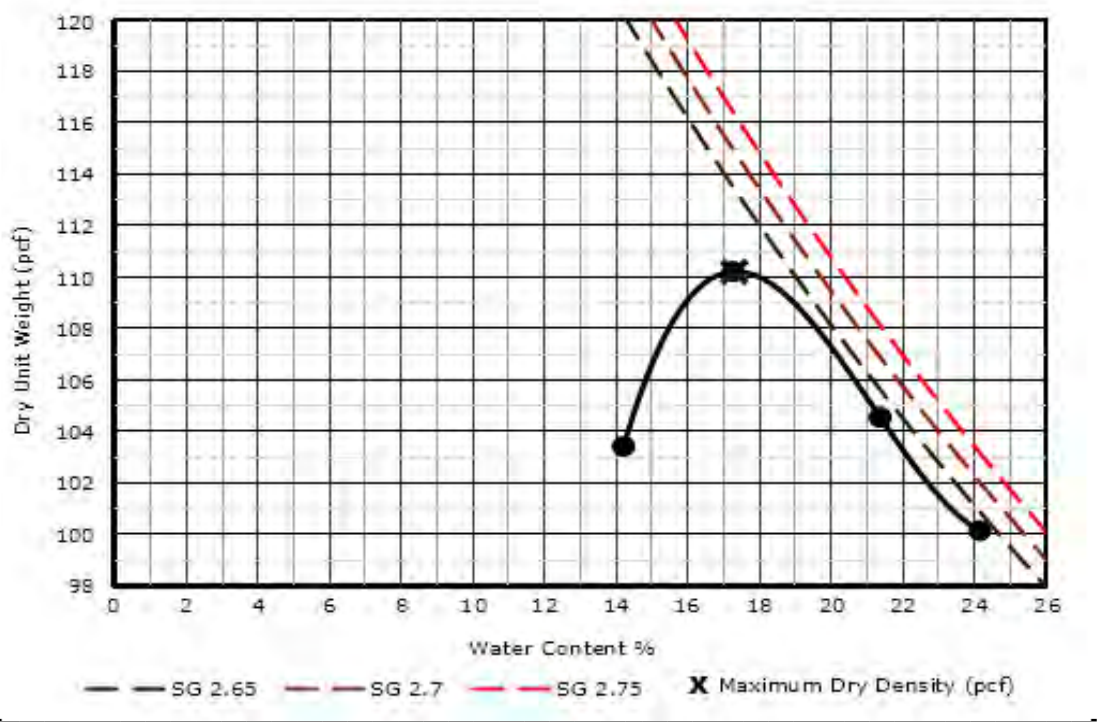
Project No. 35247264

Sample Information

Source of Material		**Test Designation / Method**	D698 / Method A
Sample Date		**Sample Preparation**	Wet
Sampled By		**Rammer Type**	Manual
As Received Water Content (%)	23.1	**Assumed Specific Gravity**	2.7
Sample Location			
Sample Description	Red Lean Clay with Sand		

Laboratory Test Results

Maximum Dry Unit Weight (pcf)	110.2	**Liquid Limit**	41
Optimum Water Content (%)	17.3	**Plastic Limit**	19
Fines (%)	74.3	**Plasticity Index**	22
USCS	CL	**Separating Sieve Size**	#4



Remarks

CL-PC2

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution

(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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ASTM D6913, SINGLE SIEVE SET, METHOD B

Report Number: 35247264.0012
Service Date: 09/24/25
Report Date: 10/04/25
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

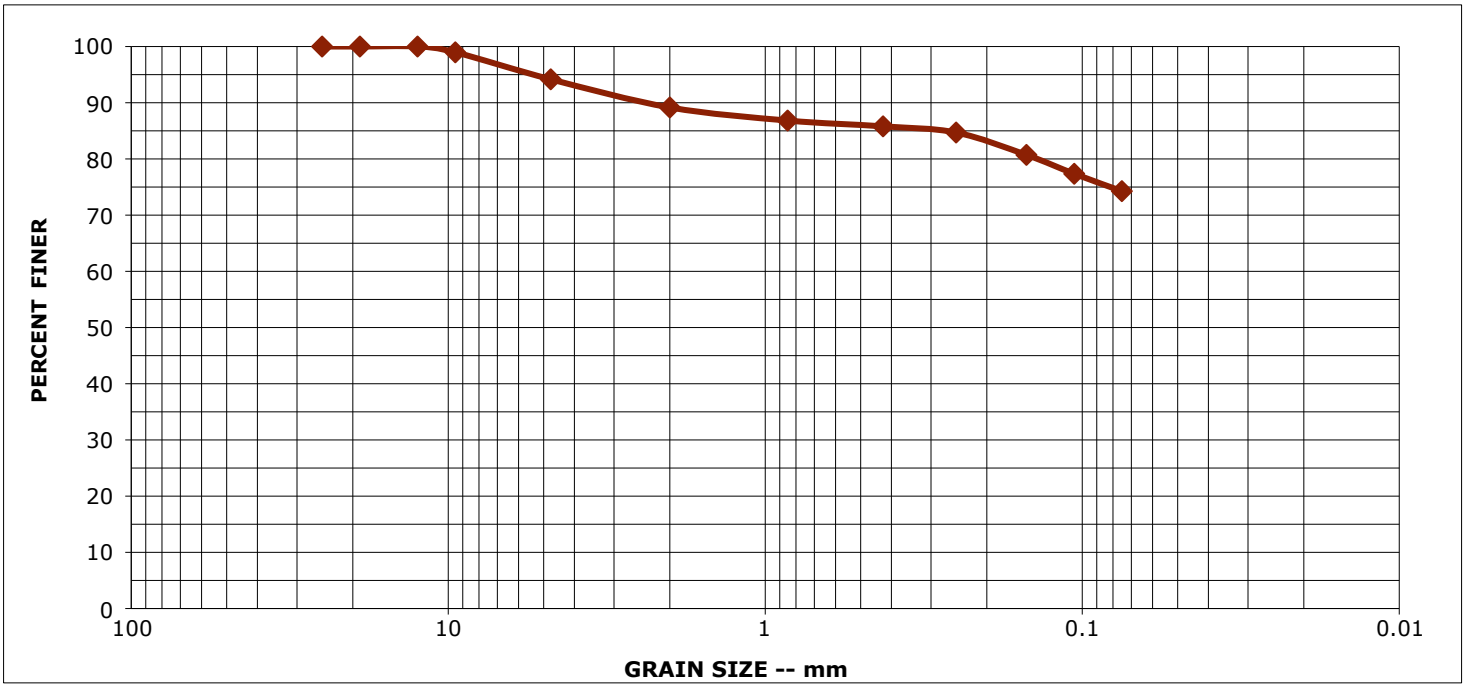
Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264



Sample Location	Description	USCS	% Cobbles	% Gravel	% Sand	% Fines
CL-PC2	Red Lean Clay with Sand	CL	0.0	5.8	19.9	74.3

Sieve	% Finer	Sieve	% Finer	Coefficients	
1"	100.0	#100	80.7	C_C	
3/4"	100.0	#140	77.4	C_U	
1/2"	100.0	#200	74.3		
3/8"	99.0	Grain Size		Remarks	
#4	94.2				
#10	89.2	D_{100}	12.500	N/A	
#20	86.8	D_{60}			
#40	85.8	D_{30}			
#60	84.7	D_{10}			

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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ASTM D4318 LIQUID AND PLASTIC LIMIT, PI OF SOIL

Report Number: 35247264.0012
Service Date: 09/24/25
Report Date: 10/04/25
Task: Bid Phase and CQA

2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

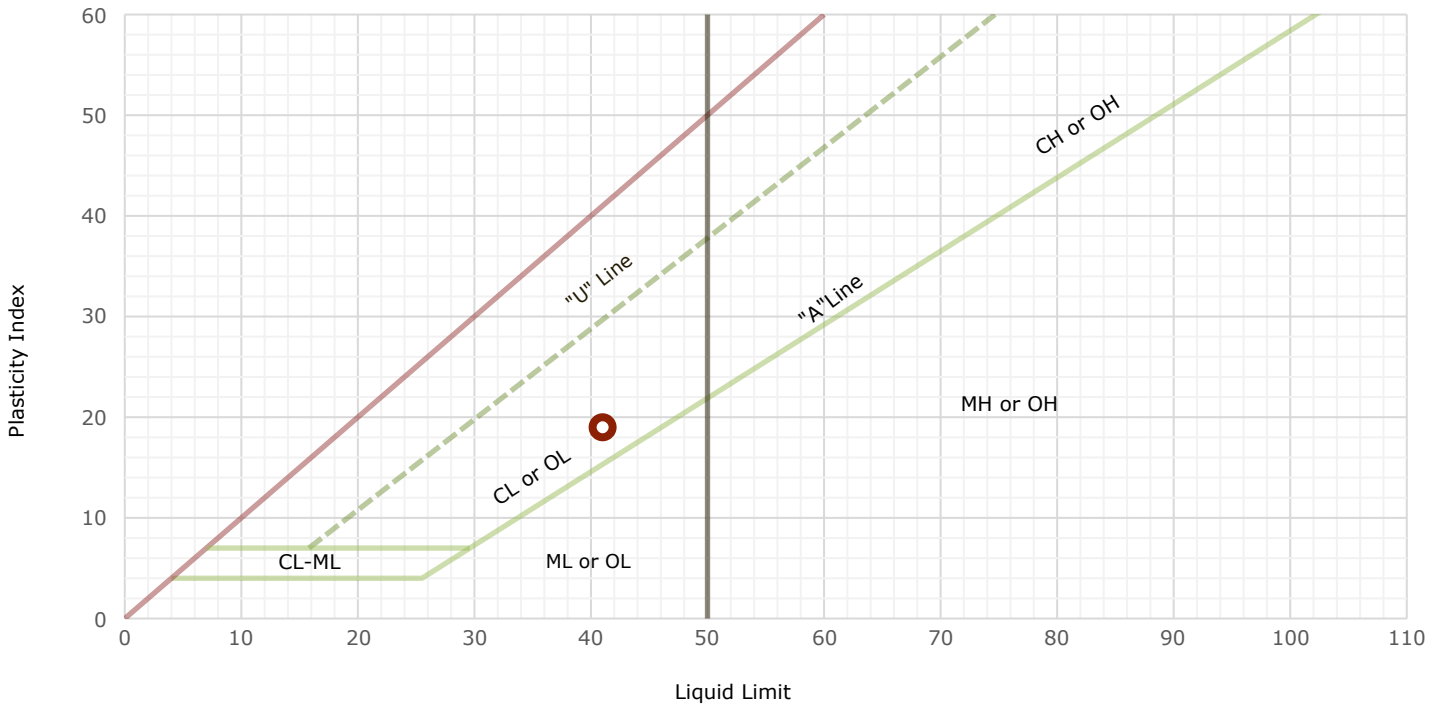
Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264



Location	LL	PL	PI	Fines (%)	Description	USCS
CL-PC2	41	22	19	74.3	Red Lean Clay with Sand	CL

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution

(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Boring No.: N/A Depth/Sample No.: CL-PC2

Max Dry Density(pcf) = 110.2 OMC = 17.3

% of max = 90.4% +/- OMC = -0.3

Material: Red Lean Clay with Sand

	Before Test	After Test
Can No.	610	153
Wet Wt.&Tare(g)	72.05	458.15
Dry Wt. & Tare(g)	67.03	375.90
Tare Wt.(g)	37.5	49.63
Wt. of Dry Soil(g)	29.6	326.27
Water Content(%)	17.0	25.2

Avg. Dia. 2.815 in UWW: 116.5 pcf

Sample Ht. 2.000 in UDW: 99.6 pcf

Sample Wt. 380.70 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette			
				58	PSI	910098	53	PSI	Permeability	
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
10/11/25	9:23	10/11/25	9:26	2.0	2.3	60.0	22.0	21.6	6.66E-07	0.75
10/11/25	9:26	10/11/25	9:29	2.3	2.6	60.0	21.6	21.3	5.71E-07	1.00
10/11/25	9:29	10/11/25	9:32	2.6	2.9	60.0	21.3	21.0	5.71E-07	1.00
10/11/25	9:32	10/11/25	9:35	2.9	3.2	60.0	21.0	20.7	5.71E-07	1.00
10/11/25	9:35	10/11/25	9:39	3.2	3.7	60.0	20.7	20.2	7.14E-07	1.00
10/11/25	9:39	10/11/25	9:42	3.7	4.0	60.0	20.2	19.9	5.71E-07	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: 41

Plastic Limit: 19

Plasticity Index: 22

ASTM D1140 Wash 200

Percent Fines (%): 74.3

Avg. K_{20} = 6.10E-07 cm/sec

Remolded at 90% compaction of Standard Proctor and 0% - 2% above optimum moisture content

ASTM D2216 WATER CONTENT OF SOIL AND ROCK

Report Number: 35247264.0014
Service Date: 09/25/25
Report Date: 10/07/25
Task: Bid Phase and CQA

2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264

Sample Location	CL-C4
Method Used	B
Water Content (%)	27.9
Visual Description	Red Sandy Lean Clay
Date Tested	10/02/25
Sample Tested By	Connor, Kyler

Services:
Terracon Rep:
Reported To:
Contractor: McHenry Excavating

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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ASTM D4318 LIQUID AND PLASTIC LIMIT, PI OF SOIL

Report Number: 35247264.0014
Service Date: 09/25/25
Report Date: 10/07/25
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

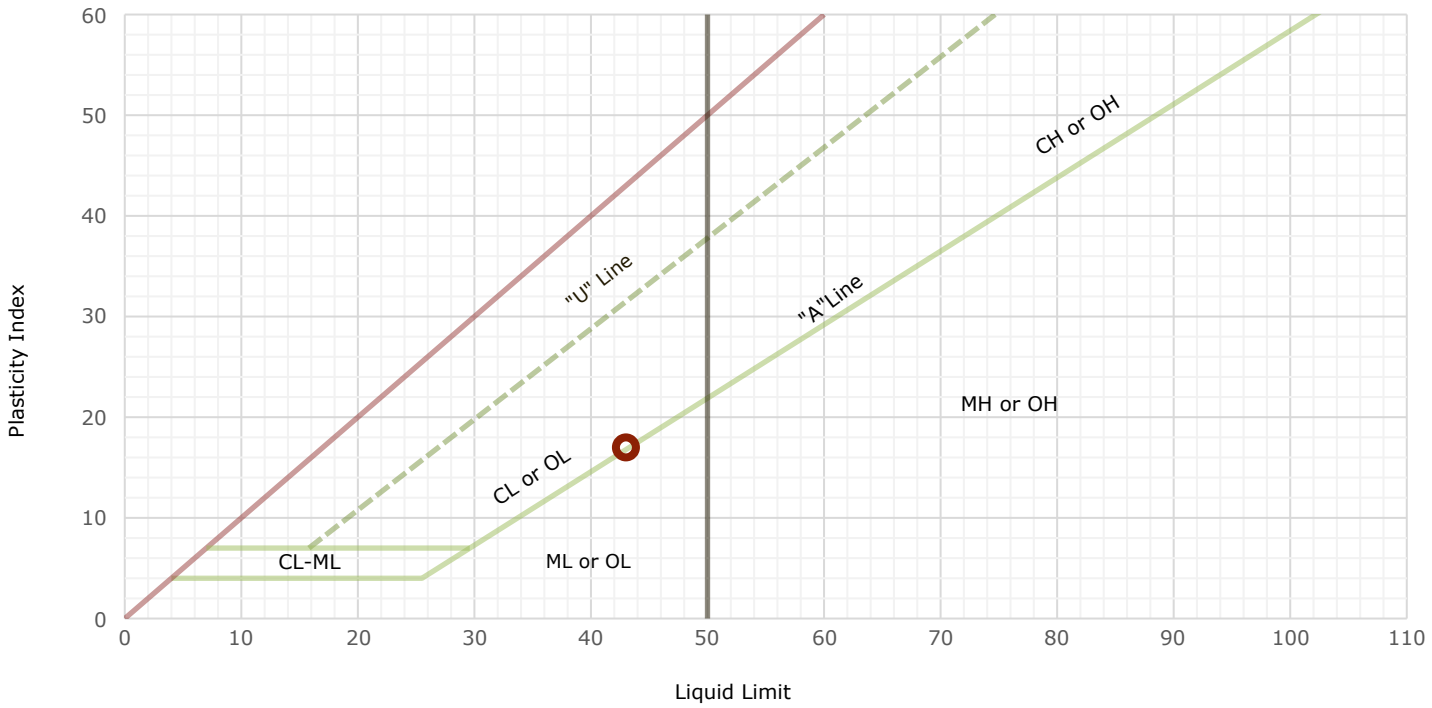
Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264



Location	LL	PL	PI	Fines (%)	Description	USCS
CL-C4	43	26	17	65.6	Red Sandy Lean Clay	CL

Services:
Terracon Rep:
Reported To:
Contractor: McHenry Excavating

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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ASTM D6913, SINGLE SIEVE SET, METHOD B

Report Number: 35247264.0014
Service Date: 09/25/25
Report Date: 10/07/25
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

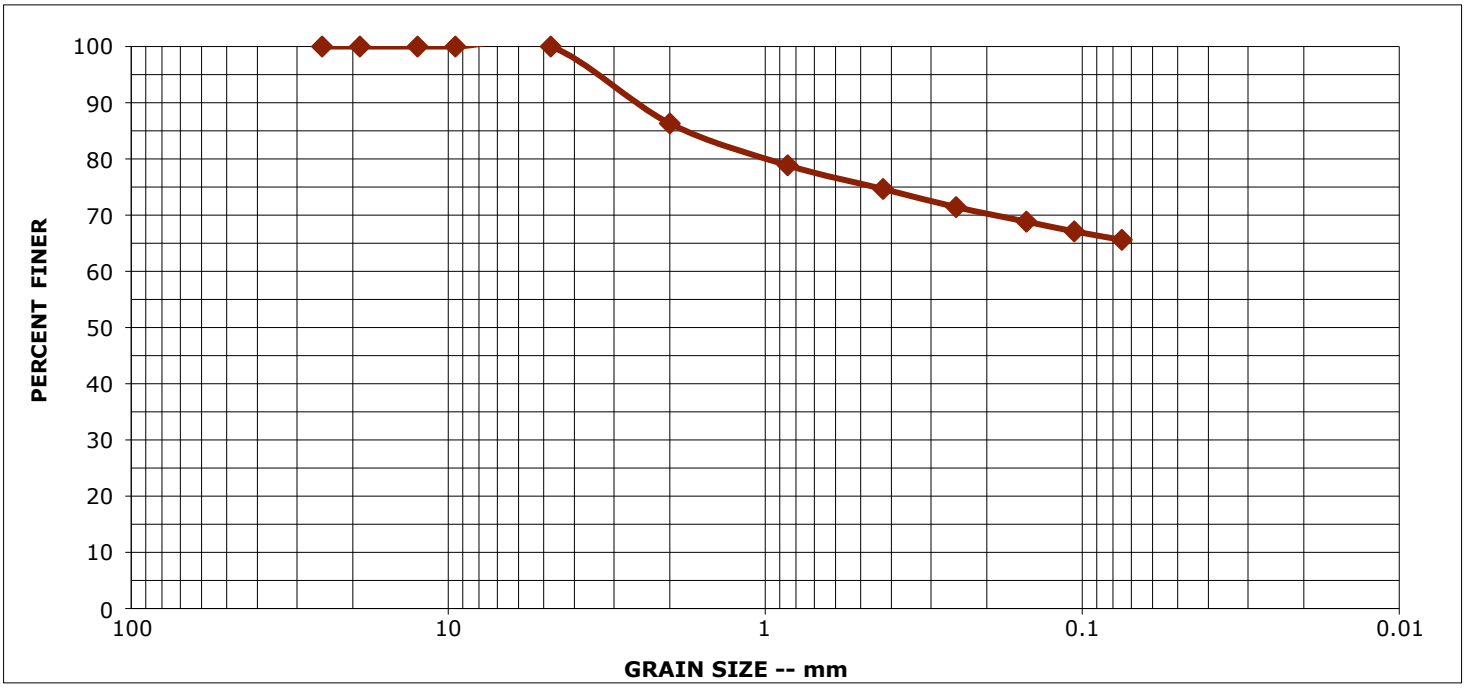
Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264



Sample Location	Description	USCS	% Cobbles	% Gravel	% Sand	% Fines
CL-C4	Red Sandy Lean Clay	CL	0.0	0.0	34.4	65.6

Sieve	% Finer	Sieve	% Finer	Coefficients	
1"	100.0	#100	68.8	C_C	
3/4"	100.0	#140	67.1	C_U	
1/2"	100.0	#200	65.6		
3/8"	100.0	Grain Size		Remarks	
#4	100.0				
#10	86.3	D_{100}	4.750	N/A	
#20	78.9	D_{60}			
#40	74.7	D_{30}			
#60	71.4	D_{10}			

Services:
Terracon Rep:
Reported To:
Contractor: McHenry Excavating

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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LABORATORY COMPACTION CHARACTERISTICS OF SOIL

Report Number: 35247264.0014
Service Date: 09/25/25
Report Date: 10/07/25
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

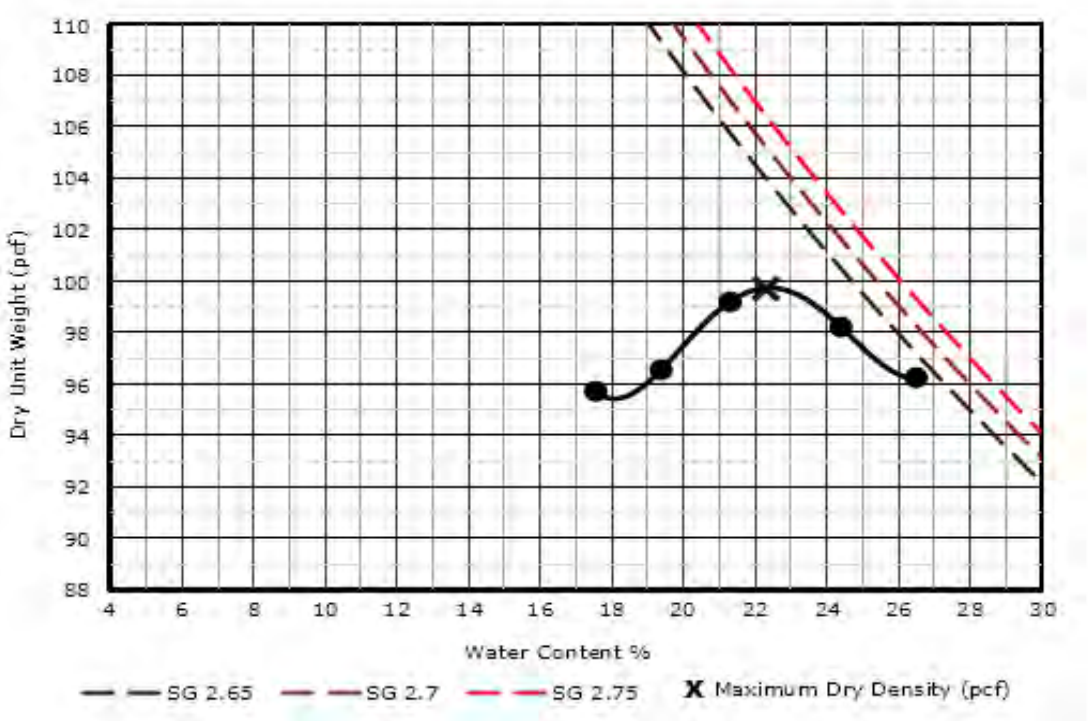
Project No. 35247264

Sample Information

Source of Material		**Test Designation / Method**	D698 / Method A
Sample Date		**Sample Preparation**	Wet
Sampled By		**Rammer Type**	Manual
As Received Water Content (%)	27.9	**Assumed Specific Gravity**	2.7
Sample Location			
Sample Description	Red Sandy Lean Clay		

Laboratory Test Results

Maximum Dry Unit Weight (pcf)	99.7	**Liquid Limit**	43
Optimum Water Content (%)	22.3	**Plastic Limit**	17
Fines (%)	65.6	**Plasticity Index**	26
USCS	CL	**Separating Sieve Size**	#4



Remarks

CL-C4

Services:
Terracon Rep:
Reported To:
Contractor: McHenry Excavating

Report Distribution

(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Boring No.: N/A Depth/Sample No.: CL-C4

Material: Red Sandy Lean Clay

Max Dry Density(pcf) = 99.7 OMC = 22.3

% of max = 90.4% +/- OMC = -0.5

	Before Test	After Test
Can No.	391	221
Wet Wt.&Tare(g)	112.72	412.54
Dry Wt. & Tare(g)	99.00	324.39
Tare Wt.(g)	36.0	49.72
Wt. of Dry Soil(g)	63.0	274.67
Water Content(%)	21.8	32.1

Avg. Dia. 2.815 in UWW: 109.7 pcf

Sample Ht. 2.000 in UDW: 90.1 pcf

Sample Wt. 358.60 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		J-K	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
10/15/25	9:20	10/15/25	9:30	1.7	2.0	60.0	23.0	22.3	2.85E-07	0.43
10/15/25	9:30	10/15/25	9:40	2.0	2.4	60.0	22.3	21.6	3.14E-07	0.57
10/15/25	9:40	10/15/25	9:50	2.4	2.8	60.0	21.6	21.0	2.85E-07	0.67
10/15/25	9:50	10/15/25	10:00	2.8	3.2	60.0	21.0	20.5	2.57E-07	0.80
10/15/25	10:00	10/15/25	10:10	3.2	3.6	60.0	20.5	20.0	2.57E-07	0.80
10/15/25	10:10	10/15/25	10:20	3.6	4.0	60.0	20.0	19.5	2.57E-07	0.80
10/15/25	10:20	10/15/25	10:30	4.0	4.4	60.0	19.5	19.0	2.57E-07	0.80

ASTM D4318 Atterberg Limits

Liquid Limit: 43

Plastic Limit: 17

Plasticity Index: 26

ASTM D1140 Wash 200

Percent Fines (%): 65.6

Avg. K_{20} = 2.57E-07 cm/sec

Remolded at 90% compaction of Standard Proctor and 0% - 2% above optimum moisture content

Appendix C-2
Construction Testing

Table 2
Garland County Cedar Glades Class 4 LF - Partial Closure
Soils Lab Testing - Construction Testing

Material ID	Max Dry Density (PCF)	Optimum Water Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	Passing #200	Permeability (cm/sec)
CL-C5	100.9	20.6	43	22	21	81.4	3.46E-06
CL-C6	104.4	19.1	42	24	18	83.3	3.89E-06
Clay Requirements					**>10**	**>30%**	**≤1.00E-5 cm/sec**

Notes:

ASTM D2216 WATER CONTENT OF SOIL AND ROCK

Report Number: 35247264.0016
Service Date: 11/18/25
Report Date: 11/21/25
Task: Bid Phase and CQA

2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264

Sample Location	CL-C5
Method Used	B
Water Content (%)	20.5
Visual Description	Brown and Red Lean Clay with Sand
Date Tested	11/19/25
Sample Tested By	Baumann, Garrett

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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ASTM D4318 LIQUID AND PLASTIC LIMIT, PI OF SOIL

Report Number: 35247264.0016
Service Date: 11/18/25
Report Date: 11/21/25
Task: Bid Phase and CQA

2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

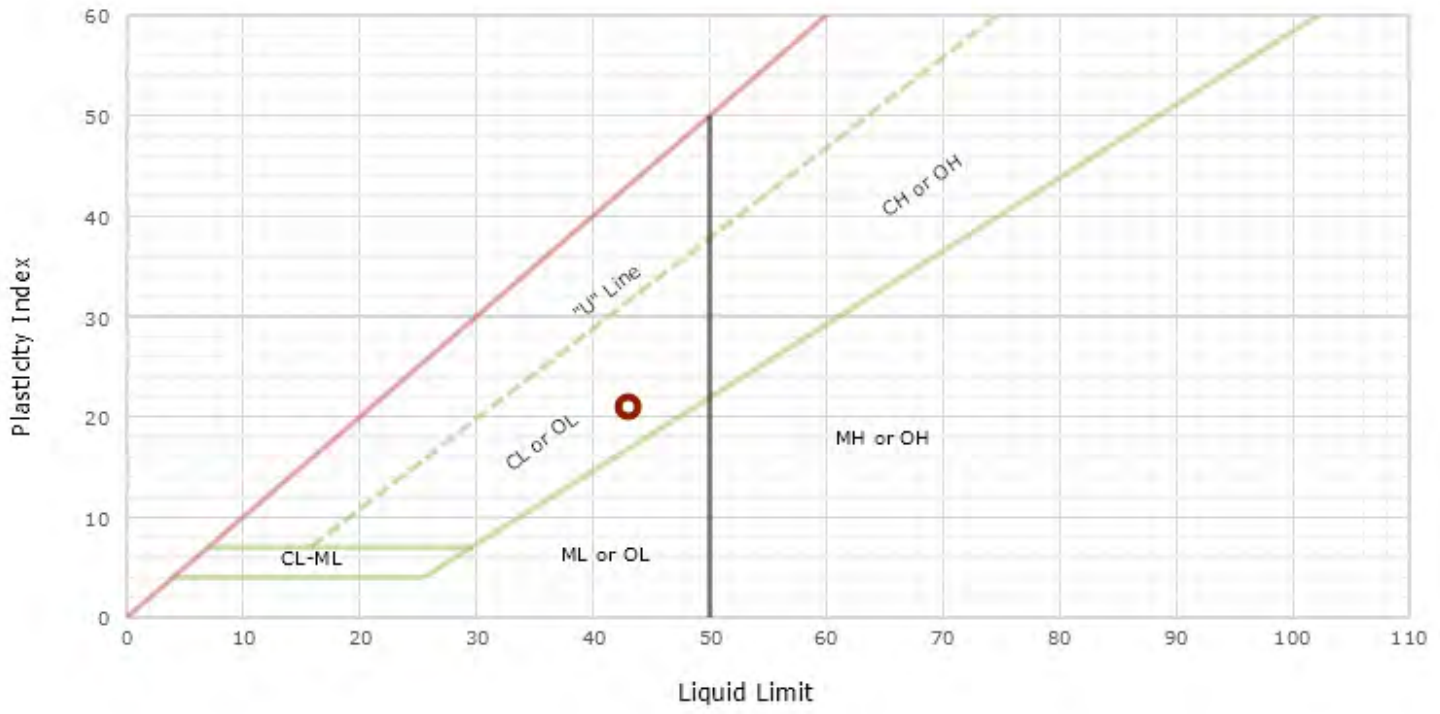
Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264



Location	LL	PL	PI	Fines (%)	Description	USCS
CL-C5	43	22	21	81.4299	Brown and Red Lean Clay with Sand	

Remarks	N/A

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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ASTM D6913 GRADATION OF SOILS USING SIEVE ANALYSIS

Report Number: 35247264.0016
Service Date: 11/18/25
Report Date: 11/21/25
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

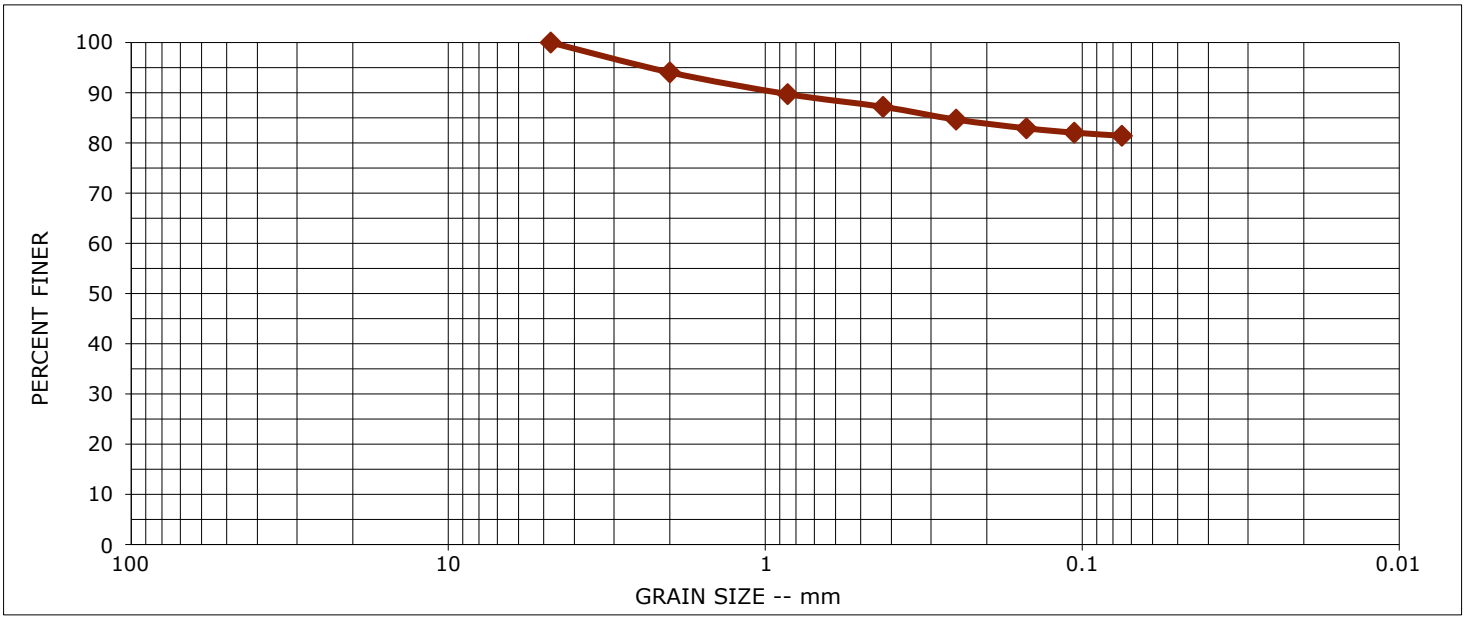
Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264



Sample Location	Description	USCS	% Cobbles	% Gravel	% Sand	% Fines
CL-C5	Brown and Red Lean Clay with Sand	CL	0.0	0.0	18.6	81.4

Sieve	% Finer	Sieve	% Finer	Remarks
5"		#20	89.7	N/A
4"		#40	87.2	
3"		#60	84.6	
2"		#100	82.9	
1 1/2"		#140	82.0	
1"		#200	81.4	
3/4"		Grain Size		Coefficients
1/2"		D_{100}	4.750	C_C
3/8"		D_{60}		
#4	100.0	D_{30}		C_U
#10	94.1	D_{10}		

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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LABORATORY COMPACTION CHARACTERISTICS OF SOIL

Report Number: 35247264.0016
Service Date: 11/18/25
Report Date: 11/25/25
Task: Bid Phase and CQA

2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

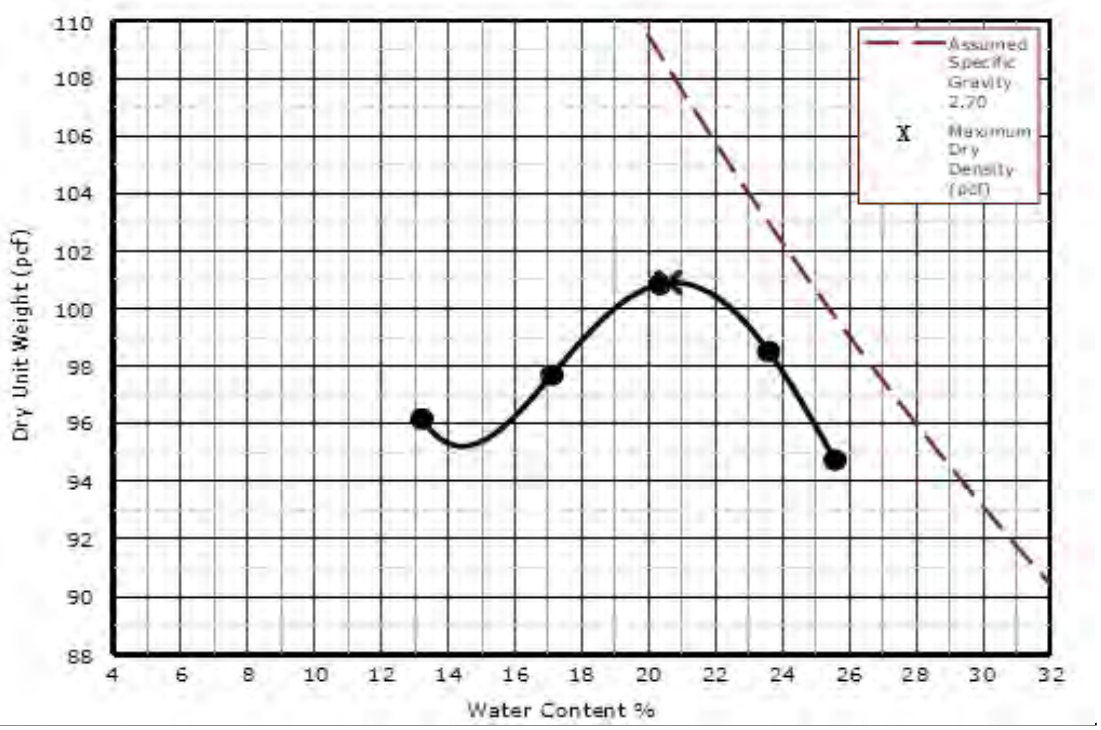
Project No. 35247264

Sample Information

Source of Material		**Test Designation / Method**	D698 / Method A
Sample Date		**Sample Preparation**	Wet
Sampled By		**Rammer Type**	Manual - Circular Face
As Received Water Content (%)	N/A	**Assumed Specific Gravity**	2.7
Sample Location			
Sample Description	Tan Lean Clay		

Laboratory Test Results

Maximum Dry Density (pcf)	100.9	**Liquid Limit**	43
Optimum Water Content (%)	20.6	**Plastic Limit**	22
Fines (%)	81.4	**Plasticity Index**	21
USCS	CL	**Separating Sieve Size**	#4



Remarks

CL-C5

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution

(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

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Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = 100.9 OMC = 20.6

Boring No.: N/A Depth/Sample No.: CL-C5

% of max = 90.2% +/- OMC = -0.3

Material: Tan and Red Lean Clay with Sand

	Before Test	After Test
Can No.	387	184
Wet Wt.&Tare(g)	92.73	434.21
Dry Wt. & Tare(g)	83.19	346.77
Tare Wt.(g)	36.3	49.67
Wt. of Dry Soil(g)	46.9	297.10
Water Content(%)	20.3	29.4

Avg. Dia. 2.815 in UWW: 109.6 pcf

Sample Ht. 2.000 in UDW: 91.0 pcf

Sample Wt. 358.00 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette			
				58	PSI	B	53	PSI	Permeability	
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/11/25	10:18	12/11/25	10:21	2.0	3.9	60.0	20.0	18.2	3.52E-06	1.06
12/11/25	10:21	12/11/25	10:24	3.9	5.5	60.0	18.2	16.5	3.14E-06	0.94
12/11/25	10:24	12/11/25	10:27	5.5	7.2	60.0	16.5	14.9	3.14E-06	1.06
12/11/25	10:27	12/11/25	10:30	7.2	9.3	60.0	14.9	12.9	3.90E-06	1.05
12/11/25	10:30	12/11/25	10:33	9.3	11.0	60.0	12.9	11.0	3.42E-06	0.89
12/11/25	10:33	12/11/25	10:36	11.0	13.0	60.0	11.0	9.2	3.62E-06	1.11
12/11/25	10:36	12/11/25	10:39	13.0	14.9	60.0	9.2	7.4	3.52E-06	1.06
12/11/25	10:39	12/11/25	10:42	14.9	16.6	60.0	7.4	5.5	3.42E-06	0.89

ASTM D4318 Atterberg Limits

Liquid Limit: 43

Plastic Limit: 22

Plasticity Index: 21

ASTM D1140 Wash 200

Percent Fines (%): 81.4

Avg. K_{20} = 3.46E-06 cm/sec

Remolded at 90% compaction of Standard Proctor and 0% - 2% above optimum moisture content

ASTM D2216 WATER CONTENT OF SOIL AND ROCK

Report Number: 35247264.0021
Service Date: 01/06/26
Report Date: 01/07/26
Task: Bid Phase and CQA

2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264

Sample Location	CL-C6
Method Used	B
Water Content (%)	18.1
Visual Description	Tan Clayey Silt
Date Tested	01/06/26
Sample Tested By	Williams, Dyric

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

ASTM D4318 LIQUID AND PLASTIC LIMIT, PI OF SOIL

Report Number: 35247264.0021
Service Date: 01/06/26
Report Date: 02/13/26
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

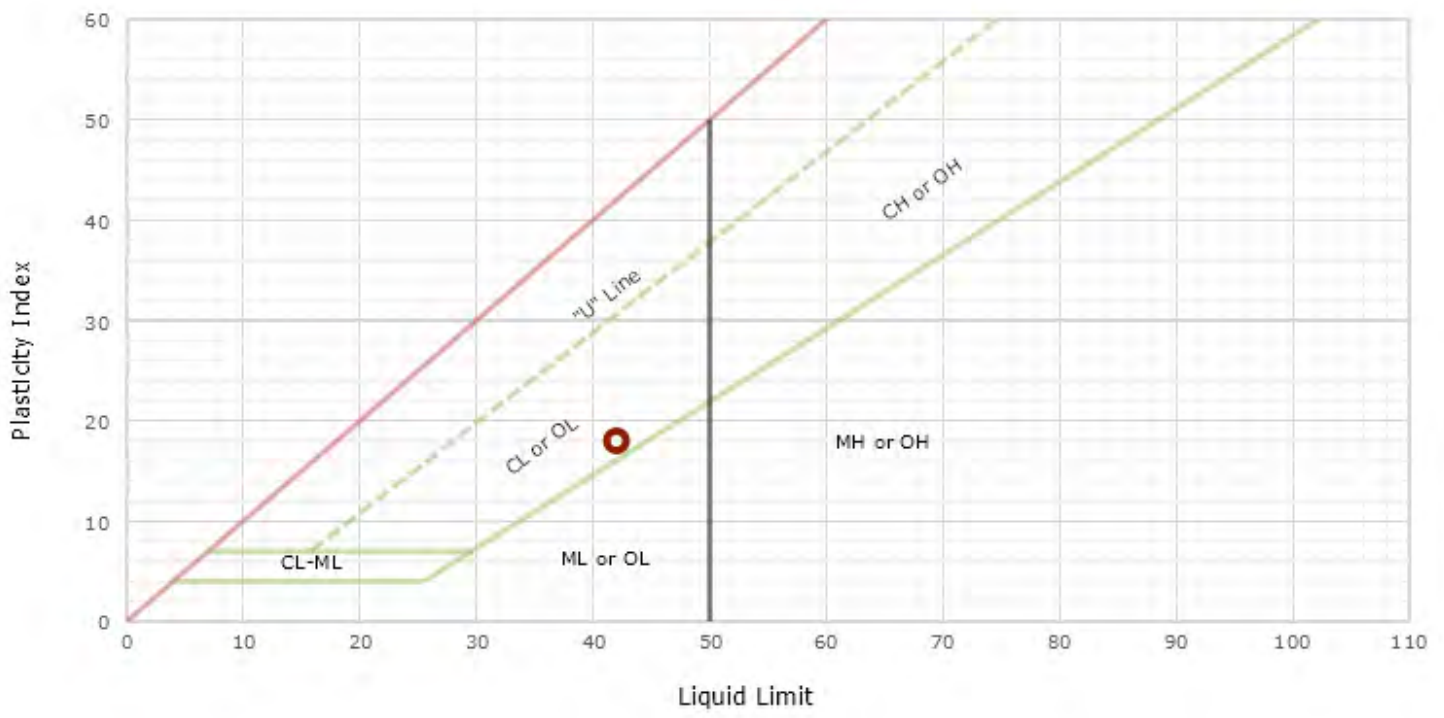
Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264



Location	LL	PL	PI	Fines (%)	Description	USCS
	42	24	18	83.3	Tan Lean Clay	CL

Remarks

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

ASTM D6913 GRADATION OF SOILS USING SIEVE ANALYSIS

Report Number: 35247264.0021
Service Date: 01/06/26
Report Date: 01/08/26
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

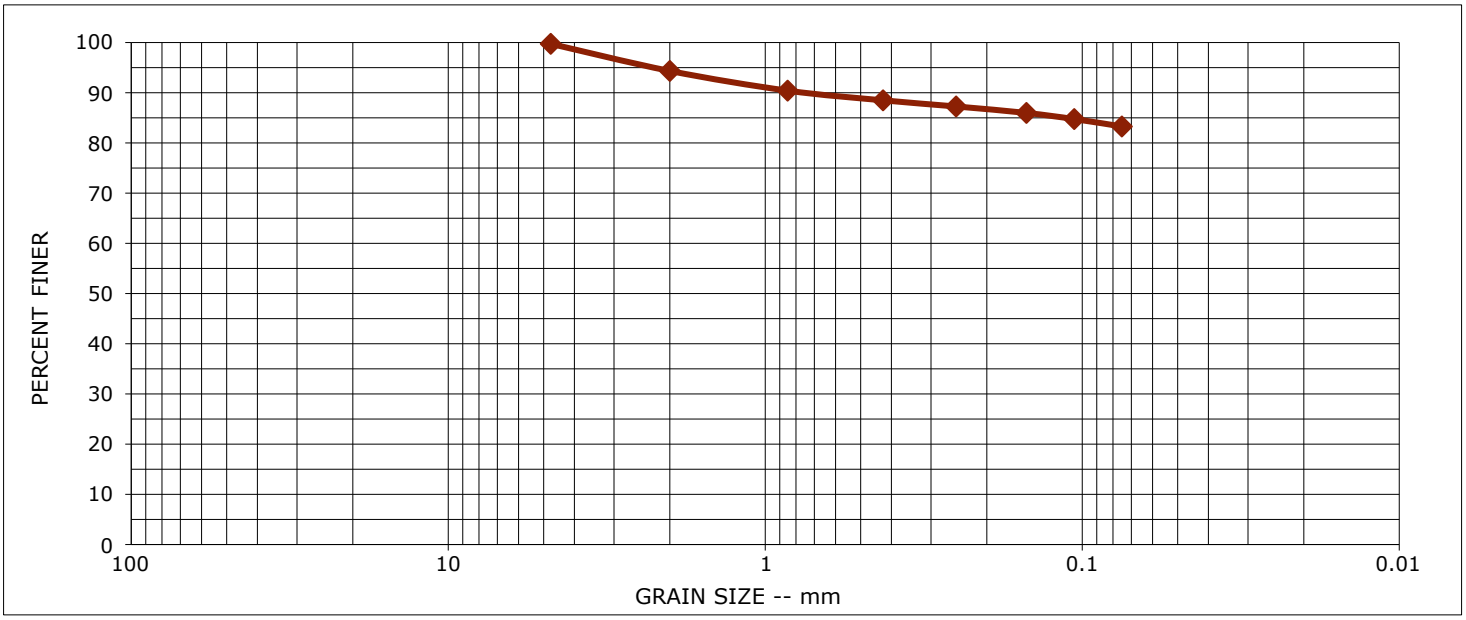
Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

Project No. 35247264



Sample Location	Description	USCS	% Cobbles	% Gravel	% Sand	% Fines
	Tan Clayey Silt	ML	0.0	0.3	16.5	83.3

Sieve	% Finer	Sieve	% Finer	Remarks
5"		#20	90.4	CL-C6
4"		#40	88.5	
3"		#60	87.3	
2"		#100	86.0	
1 1/2"		#140	84.8	
1"		#200	83.3	
3/4"		Grain Size		Coefficients
1/2"		D_{100}		C_C
3/8"		D_{60}		
#4	99.7	D_{30}		C_U
#10	94.3	D_{10}		

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution
(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL

Report Number: 35247264.0021
Service Date: 01/06/26
Report Date: 01/08/26
Task: Bid Phase and CQA

Terracon
2822 O'Neal Ln, Bldg B
Baton Rouge, LA 70816-3127
225-344-6052

Client

B & F Engineering, Inc.
Attn: John Rogers
928 Airport Rd
Hot Springs, AR 71913-4618

Project

B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services
1040 Cedar Glades Road
Hot Springs, AR 71902

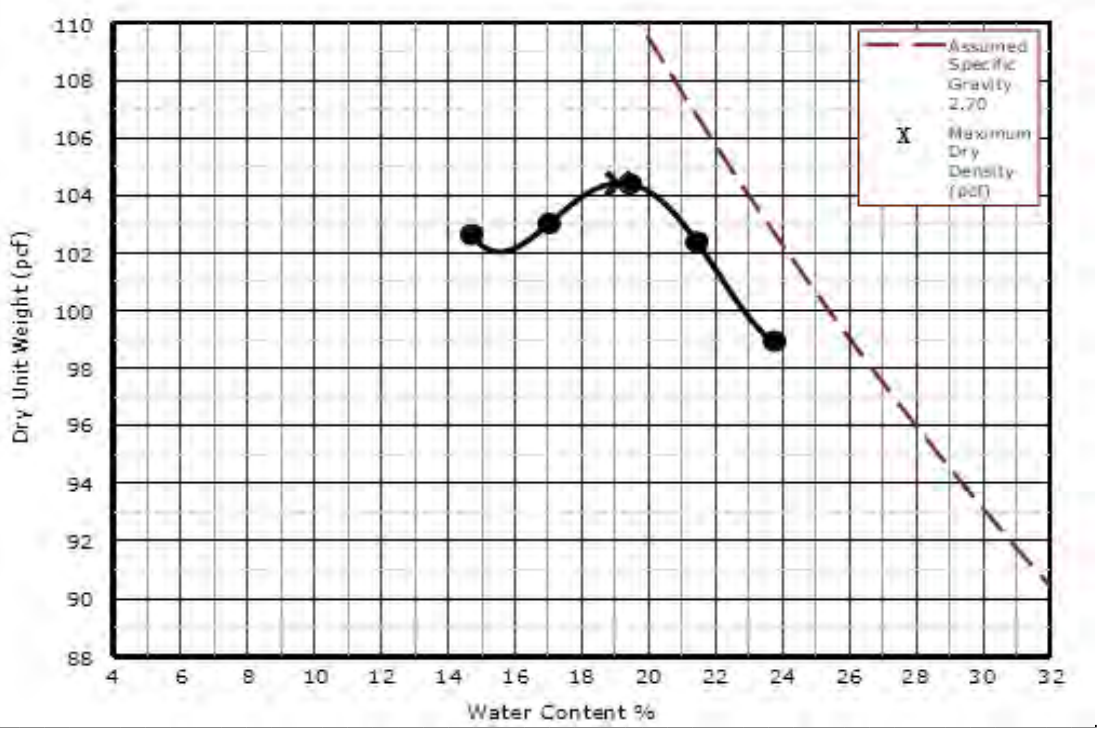
Project No. 35247264

Sample Information

Source of Material	On-site	**Test Designation / Method**	D698 / Method A
Sample Date		**Sample Preparation**	Dry
Sampled By		**Rammer Type**	Manual - Circular Face
As Received Water Content (%)	N/A	**Assumed Specific Gravity**	2.7
Sample Location	CL-C6		
Sample Description	Tan Clayey Silt		

Laboratory Test Results

Maximum Dry Density (pcf)	104.4	**Liquid Limit**	42
Optimum Water Content (%)	19.1	**Plastic Limit**	27
Fines (%)	83.3	**Plasticity Index**	15
USCS	ML	**Separating Sieve Size**	#4



Remarks
CL-C6

Services:
Terracon Rep:
Reported To:
Contractor:

Report Distribution

(1) Terracon Consultants, Inc., Owen Carpenter

Franklin, Carpenter

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247203
Project:
Boring No.: Depth/Sample No.: CL-C6

Max Dry Density(pcf) = N/A OMC = N/A
% of max = #DIV/0! +/- OMC = 20.0

Material: Tan Clayey Silt

	Before Test	After Test
Can No.	157	153
Wet Wt.&Tare	123.20	443.33
Dry Wt. & Tare	110.95	355.99
Tare Wt.	49.8	49.63
Wt. of Dry Soil	61.2	306.36
Water Content	20.0	28.5

Avg. Dia. 2.815 UWW: 112.9
Sample Ht. 2.000 UDW: 94.0
Sample Wt. 368.80 Pres. Diff. 5.0
Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure
Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette			
				58	PSI	B	53	PSI	Permeability	
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
01/12/26	12:25	01/12/26	12:26	1.5	1.9	60.0	23.0	22.3	3.14E-06	0.57
01/12/26	12:26	01/12/26	12:28	1.9	2.2	60.0	22.3	21.5	1.57E-06	0.38
01/12/26	12:28	01/12/26	12:29	2.2	3.9	60.0	21.5	20.8	6.85E-06	2.43
01/12/26	12:29	01/12/26	12:30	3.9	4.5	60.0	20.8	20.0	4.00E-06	0.75
01/12/26	12:30	01/12/26	12:31	4.5	5.3	60.0	20.0	19.4	4.00E-06	1.33
01/12/26	12:31	01/12/26	12:32	5.3	6.2	60.0	19.4	18.5	5.14E-06	1.00
01/12/26	12:32	01/12/26	12:33	6.2	6.7	60.0	18.5	18.0	2.85E-06	1.00
01/12/26	12:33	01/12/26	12:34	6.7	7.5	60.0	18.0	17.1	4.85E-06	0.89
01/12/26	12:34	01/12/26	12:35	7.5	8.4	60.0	17.1	16.4	4.57E-06	1.29
01/12/26	12:35	01/12/26	12:37	8.4	9.4	60.0	16.4	15.4	2.85E-06	1.00
01/12/26	12:37	01/12/26	12:38	9.4	10.0	60.0	15.4	14.7	3.71E-06	0.86
01/12/26	12:38	01/12/26	12:39	10.0	10.7	60.0	14.7	14.0	4.00E-06	1.00
01/12/26	12:39	01/12/26	12:40	10.70	11.40	60.0	14.00	13.40	3.71E-06	1.17

ASTM D4318 Atterberg Limits
Liquid Limit: N/A
Plastic Limit: N/A
Plasticity Index: 0

ASTM D1140 Wash 200
Percent Fines (%): N/A

Avg. K_{20} = 3.89E-06 cm/sec

Remolded at 95% and 1% above OPT MC.

Appendix C-3
Field Moisture / Density Testing

Summary of Field Density Test Results
ASTM D 2922

Terracon
25810 Interstate 30 South
Bryant, AR 72023
(501) 847-9293

Client Name: Garland County Class 4 Landfill
Project Name: B&F GCCG Ph3, Cell 1/ Partial Closure
Site Location: Hot Springs, AR
Contractor: James A. Rogers Excavating

Technician: Fernando Ocampo, John Wallace
Reviewed by: Allie Storment
Approved by: Owen Carpenter
Test Location: Test Pad

Test Date	Test No.	Lift or Elev.	Test Location	Shelby Tube Sample	Mat'l. No.	Wet Density, pcf	Dry Density, pcf	Lab Max. Dry Density, pcf	Percent Compaction %	Percent Compaction Required	Moisture Content	Optimum Moisture %	PASS or FAIL
20-Sep	1	1	Test Pad		CL-PC1	119.2	99.0	105.7	93.7	90.0	20.4	20.1	PASS
20-Sep	2	1	Test Pad	P-1-1	CL-PC1	119.4	96.8	105.7	91.6	90.0	23.3	20.1	PASS
20-Sep	3	1	Test Pad	P-1-2	CL-PC1	124.4	101.9	105.7	96.4	90.0	22.1	20.1	PASS
20-Sep	4	1	Test Pad		CL-PC1	120.3	97.2	105.7	91.9	90.0	23.8	20.1	PASS
20-Sep	5	1	Test Pad		CL-PC1	118.6	96.0	105.7	90.8	90.0	23.6	20.1	PASS
23-Sep	6	2	Test Pad	P-2-1	CL-PC1	119.4	97.9	105.7	92.6	90.0	22.0	20.1	PASS
23-Sep	7	2	Test Pad		CL-PC1	120.8	97.6	105.7	92.3	90.0	23.8	20.1	PASS
23-Sep	8	2	Test Pad		CL-PC1	119.5	96.3	105.7	91.1	90.0	24.1	20.1	PASS
23-Sep	9	2	Test Pad		CL-PC1	123.7	100.3	105.7	94.9	90.0	23.3	20.1	PASS
23-Sep	10	2	Test Pad	P-2-2	CL-PC1	119.7	96.0	105.7	90.8	90.0	24.7	20.1	PASS
24-Sep	11	3	Test Pad		CL-PC1	118.6	97.4	105.7	92.1	90.0	21.8	20.1	PASS
24-Sep	12	3	Test Pad	P-3-1	CL-PC1	121.6	100.4	105.7	95.0	90.0	21.1	20.1	PASS
24-Sep	13	3	Test Pad		CL-PC1	117.8	96.7	105.7	91.5	90.0	21.8	20.1	PASS
24-Sep	14	3	Test Pad	P-3-2	CL-PC1	121.8	98.9	105.7	93.6	90.0	23.1	20.1	PASS
24-Sep	15	3	Test Pad		CL-PC1	123.4	101.7	105.7	96.2	90.0	21.3	20.1	PASS

Summary of Field Density Test Results
ASTM D 2922

Terracon
25810 Interstate 30 South
Bryant, AR 72023
(501) 847-9293

Client Name: Garland County Class 4 Landfill
Project Name: B&F GCCG Partial Closure
Site Location: Hot Springs, AR
Contractor: James A. Rogers Excavating

Technician: Fernando Ocampo, John Wallace
Reviewed by: Allie Storment
Approved by: Owen Carpenter
Test Location: Partial Closure

Test Date	Test No.	Lift or Elev.	Test Location	Shelby Tube Sample	Mat'l. No.	Wet Density, pcf	Dry Density, pcf	Lab Max. Dry Density, pcf	Percent Compaction %	Percent Compaction Required	Moisture Content	Optimum Moisture %	PASS or FAIL
10-Dec	1	1	Partial Closure		CL-C5	122.7	100.7	100.9	99.8	90.0	21.8	20.6	PASS
10-Dec	2	1	Partial Closure	P-2	CL-C5	122.9	101.7	100.9	100.8	90.0	20.8	20.6	PASS
10-Dec	3	1	Partial Closure		CL-C5	124.1	101.6	100.9	100.6	90.0	22.2	20.6	PASS
10-Dec	4	1	Partial Closure		CL-C5	125.9	103.7	100.9	102.8	90.0	21.4	20.6	PASS
10-Dec	5	1	Partial Closure		CL-C5	113.6	91.2	100.9	90.4	90.0	24.6	20.6	PASS
10-Dec	6	1	Partial Closure		CL-C5	122.8	100.5	100.9	99.6	90.0	22.2	20.6	PASS
10-Dec	7	1	Partial Closure		CL-C5	122.6	100.2	100.9	99.4	90.0	22.3	20.6	PASS
10-Dec	8	1	Partial Closure	P-1	CL-C5	119.5	98.0	100.9	97.1	90.0	22.0	20.6	PASS
10-Dec	9	1	Partial Closure		CL-C5	122.6	101.5	100.9	100.6	90.0	20.8	20.6	PASS
10-Dec	10	1	Partial Closure	P-8	CL-C5	126.4	104.1	100.9	103.2	90.0	21.4	20.6	PASS
12-Dec	11	2	Partial Closure	P-3	CL-C5	117.5	93.7	100.9	92.9	90.0	25.4	20.6	PASS
12-Dec	12	2	Partial Closure		CL-C5	119.1	97.0	100.9	96.1	90.0	22.8	20.6	PASS
12-Dec	13	2	Partial Closure		CL-C5	122.7	100.8	100.9	99.9	90.0	21.7	20.6	PASS
12-Dec	14	2	Partial Closure		CL-C5	113.0	91.4	100.9	90.5	90.0	23.7	20.6	PASS
12-Dec	15	2	Partial Closure		CL-C5	115.9	93.3	100.9	92.5	90.0	24.2	20.6	PASS
12-Dec	16	2	Partial Closure		CL-C5	118.2	93.2	100.9	92.4	90.0	26.8	20.6	FAIL

Summary of Field Density Test Results
ASTM D 2922

Terracon
25810 Interstate 30 South
Bryant, AR 72023
(501) 847-9293

Client Name: Garland County Class 4 Landfill
Project Name: B&F GCCG Partial Closure
Site Location: Hot Springs, AR
Contractor: James A. Rogers Excavating

Technician: Fernando Ocampo, John Wallace
Reviewed by: Allie Storment
Approved by: Owen Carpenter
Test Location: Partial Closure

Test Date	Test No.	Lift or Elev.	Test Location	Shelby Tube Sample	Mat'l. No.	Wet Density, pcf	Dry Density, pcf	Lab Max. Dry Density, pcf	Percent Compaction %	Percent Compaction Required	Moisture Content	Optimum Moisture %	PASS or FAIL
12-Dec	16.1	2	Partial Closure		CL-C5	117.1	94.7	100.9	93.8	90.0	23.7	20.6	PASS
12-Dec	17	2	Partial Closure	P-9	CL-C5	118.0	95.9	100.9	95.1	90.0	23.0	20.6	PASS
12-Dec	18	2	Partial Closure		CL-C5	116.5	92.6	100.9	91.8	90.0	25.8	20.6	PASS
13-Dec	19	3	Partial Closure		CL-C5	118.0	94.0	100.9	93.2	90.0	25.5	20.6	PASS
13-Dec	20	3	Partial Closure	P-5	CL-C5	115.9	94.7	100.9	93.8	90.0	22.4	20.6	PASS
13-Dec	21	3	Partial Closure		CL-C5	118.5	94.6	100.9	93.7	90.0	25.3	20.6	PASS
13-Dec	22	3	Partial Closure		CL-C5	116.2	92.7	100.9	91.8	90.0	25.4	20.6	PASS
13-Dec	23	3	Partial Closure		CL-C5	112.3	90.9	100.9	90.1	90.0	23.5	20.6	PASS
13-Dec	24	3	Partial Closure	P-4	CL-C5	116.3	93.8	100.9	93.0	90.0	24.0	20.6	PASS
13-Dec	25	3	Partial Closure		CL-C5	117.2	94.0	100.9	93.1	90.0	24.7	20.6	PASS
13-Dec	26	3	Partial Closure		CL-C5	118.4	97.3	100.9	96.4	90.0	21.7	20.6	PASS
15-Dec	27	2	Partial Closure		CL-C5	116.2	95.2	100.9	94.3	90.0	22.1	20.6	PASS
15-Dec	28	2	Partial Closure		CL-C5	121.1	96.8	100.9	95.9	90.0	25.1	20.6	PASS
15-Dec	29	3	Partial Closure		CL-C5	113.1	91.7	100.9	90.8	90.0	23.4	20.6	PASS
15-Dec	30	3	Partial Closure		CL-C5	115.0	92.7	100.9	91.9	90.0	24.0	20.6	PASS
16-Dec	31	1	Partial Closure		CL-C5	124.5	100.2	100.9	99.3	90.0	24.3	20.6	PASS

Summary of Field Density Test Results
ASTM D 2922

Terracon
25810 Interstate 30 South
Bryant, AR 72023
(501) 847-9293

Client Name: Garland County Class 4 Landfill
Project Name: B&F GCCG Partial Closure
Site Location: Hot Springs, AR
Contractor: James A. Rogers Excavating

Technician: Fernando Ocampo, John Wallace
Reviewed by: Allie Storment
Approved by: Owen Carpenter
Test Location: Partial Closure

Test Date	Test No.	Lift or Elev.	Test Location	Shelby Tube Sample	Mat'l. No.	Wet Density, pcf	Dry Density, pcf	Lab Max. Dry Density, pcf	Percent Compaction %	Percent Compaction Required	Moisture Content	Optimum Moisture %	PASS or FAIL
16-Dec	32	1	Partial Closure		CL-C5	126.8	102.3	100.9	101.3	90.0	24.0	20.6	PASS
16-Dec	33	1	Partial Closure		CL-C5	119.5	98.4	100.9	97.5	90.0	21.5	20.6	PASS
16-Dec	34	1	Partial Closure		CL-C5	117.2	94.3	100.9	93.4	90.0	24.3	20.6	PASS
16-Dec	35	1	Partial Closure		CL-C5	120.5	98.1	100.9	97.3	90.0	22.8	20.6	PASS
16-Dec	36	2	Partial Closure	P-6	CL-C5	115.8	93.1	100.9	92.3	90.0	24.4	20.6	PASS
16-Dec	37	2	Partial Closure		CL-C5	120.4	96.6	100.9	95.8	90.0	24.6	20.6	PASS
16-Jan	38	2	Partial Closure		CL-C5	121.3	99.1	100.9	98.2	90.0	22.4	20.6	PASS
16-Dec	39	2	Partial Closure		CL-C5	114.7	91.3	100.9	90.5	90.0	25.6	20.6	PASS
16-Dec	40	2	Partial Closure		CL-C5	114.2	91.5	100.9	90.7	90.0	24.8	20.6	PASS
16-Dec	41	3	Partial Closure	P-7	CL-C5	118.5	98.1	100.9	97.2	90.0	20.8	20.6	PASS
16-Dec	42	3	Partial Closure		CL-C5	117.5	94.5	100.9	93.7	90.0	24.3	20.6	PASS
16-Dec	43	3	Partial Closure		CL-C5	121.4	99.1	100.9	98.2	90.0	22.5	20.6	PASS
17-Dec	44	3	Partial Closure		CL-C5	121.6	97.3	100.9	96.4	90.0	25.0	20.6	PASS
17-Dec	45	3	Partial Closure		CL-C5	118.6	96.1	100.9	95.3	90.0	23.4	20.6	PASS
20-Dec	46	1	Partial Closure		CL-C5	123.7	101.1	100.9	100.2	90.0	22.4	20.6	PASS
20-Dec	47	1	Partial Closure	P-10	CL-C5	121.0	100.2	100.9	99.3	90.0	20.8	20.6	PASS

Summary of Field Density Test Results
ASTM D 2922

Terracon
25810 Interstate 30 South
Bryant, AR 72023
(501) 847-9293

Client Name: Garland County Class 4 Landfill
Project Name: B&F GCCG Partial Closure
Site Location: Hot Springs, AR
Contractor: James A. Rogers Excavating

Technician: Fernando Ocampo, John Wallace
Reviewed by: Allie Storment
Approved by: Owen Carpenter
Test Location: Partial Closure

Test Date	Test No.	Lift or Elev.	Test Location	Shelby Tube Sample	Mat'l. No.	Wet Density, pcf	Dry Density, pcf	Lab Max. Dry Density, pcf	Percent Compaction %	Percent Compaction Required	Moisture Content	Optimum Moisture %	PASS or FAIL
20-Dec	48	1	Partial Closure		CL-C5	117.2	94.9	100.9	94.1	90.0	23.5	20.6	PASS
20-Dec	49	1	Partial Closure		CL-C5	113.3	91.4	100.9	90.6	90.0	23.9	20.6	PASS
20-Dec	50	1	Partial Closure	P-11	CL-C5	116.7	94.6	100.9	93.8	90.0	23.3	20.6	PASS
20-Dec	51	1	Partial Closure		CL-C5	114.2	94.5	100.9	93.6	90.0	20.9	20.6	PASS
20-Dec	52	1	Partial Closure		CL-C5	119.2	98.3	100.9	97.5	90.0	21.2	20.6	PASS
23-Dec	53	2	Partial Closure		CL-C5	119.0	98.7	100.9	97.8	90.0	20.6	20.6	PASS
23-Dec	54	2	Partial Closure	P-12	CL-C5	110.6	91.0	100.9	90.1	90.0	21.6	20.6	PASS
23-Dec	55	2	Partial Closure		CL-C5	114.8	95.1	100.9	94.3	90.0	20.7	20.6	PASS
23-Dec	56	2	Partial Closure		CL-C5	117.7	96.5	100.9	95.6	90.0	22.0	20.6	PASS
23-Dec	57	2	Partial Closure		CL-C5	115.9	95.0	100.9	94.2	90.0	22.0	20.6	PASS
23-Dec	58	2	Partial Closure		CL-C5	114.8	95.0	100.9	94.1	90.0	20.9	20.6	PASS
23-Dec	59	2	Partial Closure	P-13	CL-C5	114.1	93.0	100.9	92.2	90.0	22.7	20.6	PASS
29-Dec	60	3	Partial Closure		CL-C5	113.8	94.2	100.9	93.4	90.0	20.8	20.6	PASS
29-Dec	61	3	Partial Closure	P-14	CL-C5	115.8	95.8	100.9	94.9	90.0	20.9	20.6	PASS
29-Dec	62	3	Partial Closure		CL-C5	121.3	100.4	100.9	99.5	90.0	20.8	20.6	PASS
29-Dec	63	3	Partial Closure		CL-C5	117.8	96.5	100.9	95.6	90.0	22.1	20.6	PASS

Summary of Field Density Test Results
ASTM D 2922

Terracon
25810 Interstate 30 South
Bryant, AR 72023
(501) 847-9293

Client Name: Garland County Class 4 Landfill
Project Name: B&F GCCG Partial Closure
Site Location: Hot Springs, AR
Contractor: James A. Rogers Excavating

Technician: Fernando Ocampo, John Wallace
Reviewed by: Allie Storment
Approved by: Owen Carpenter
Test Location: Partial Closure

Test Date	Test No.	Lift or Elev.	Test Location	Shelby Tube Sample	Mat'l. No.	Wet Density, pcf	Dry Density, pcf	Lab Max. Dry Density, pcf	Percent Compaction %	Percent Compaction Required	Moisture Content	Optimum Moisture %	PASS or FAIL
29-Dec	64	3	Partial Closure	P-15	CL-C5	116.9	96.7	100.9	95.8	90.0	20.9	20.6	PASS
29-Dec	65	3	Partial Closure		CL-C5	117.0	96.1	100.9	95.3	90.0	21.7	20.6	PASS
29-Dec	66	3	Partial Closure		CL-C5	117.5	97.1	100.9	96.2	90.0	21.0	20.6	PASS

Appendix C-4
Permeability Test Results

Garland County Landfill Partial Closure

SUMMARY OF PERMEABILITY TESTING DATA

March-26

TABLE 3

Test No.	Lift No./ Layer	Test Results		Replacment Test No.
		K (cm/sec)	Pass/ Fail	
P-1	Lift 1	4.68E-07	Pass	
P-2	Lift 1	2.23E-07	Pass	
P-3	Lift 2	6.80E-07	Pass	
P-4	Lift 3	2.75E-07	Pass	
P-5	Lift 3	1.08E-06	Pass	
P-6	Lift 2	2.68E-07	Pass	
P-7	Lift 3	6.26E-07	Pass	
P-8	Lift 1	1.10E-06	Pass	
P-9	Lift 2	3.47E-07	Pass	
P-10	Lift 1	1.33E-07	Pass	
P-11	Lift 1	4.28E-06	Pass	
P-12	Lift 2	1.67E-06	Pass	
P-13	Lift 2	1.23E-07	Pass	
P-14	Lift 3	2.61E-06	Pass	

Notes:

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-1

% of max = N/A +/- OMC = N/A

Material: Tan Lean Clay

	Before Test	After Test
Can No.	126	164
Wet Wt.&Tare(g)	191.36	386.81
Dry Wt. & Tare(g)	162.14	315.46
Tare Wt.(g)	49.64	49.52
Wt. of Dry Soil(g)	112.5	265.94
Water Content(%)	26.0	26.8

Avg. Dia. 2.825 in UWW: 113.0 pcf

Sample Ht. 1.797 in UDW: 89.7 pcf

Sample Wt. 334.19 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		D	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/22/25	12:32	12/22/25	12:36	7.3	7.8	60.0	16.5	16.0	6.37E-07	1.00
12/22/25	12:36	12/22/25	12:41	7.8	8.2	60.0	16.0	15.6	4.07E-07	1.00
12/22/25	12:41	12/22/25	12:47	8.2	8.7	60.0	15.6	15.1	4.24E-07	1.00
12/22/25	12:47	12/22/25	12:51	8.7	9.1	60.0	15.1	14.7	5.09E-07	1.00
12/22/25	12:51	12/22/25	12:57	9.1	9.5	60.0	14.7	14.2	3.82E-07	0.80
12/22/25	12:57	12/22/25	13:02	9.5	10.0	60.0	14.2	13.8	4.58E-07	1.25
12/22/25	13:02	12/22/25	13:07	10.0	10.4	60.0	13.8	13.3	4.58E-07	0.80

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 4.68E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-2

% of max = N/A +/- OMC = N/A

Material: Tan Lean Clay

	Before Test	After Test
Can No.	128	123
Wet Wt.&Tare(g)	151.68	291.94
Dry Wt. & Tare(g)	128.10	233.16
Tare Wt.(g)	49.53	49.77
Wt. of Dry Soil(g)	78.6	183.39
Water Content(%)	30.0	32.1

Avg. Dia. 2.840 in UWW: 112.7 pcf

Sample Ht. 1.291 in UDW: 86.7 pcf

Sample Wt. 242.04 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		B	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/22/25	9:28	12/22/25	9:31	2.5	2.7	60.0	22.3	22.0	3.02E-07	0.67
12/22/25	9:31	12/22/25	9:34	2.7	3.0	60.0	22.0	21.8	3.02E-07	1.50
12/22/25	9:34	12/22/25	9:37	3.0	3.2	60.0	21.8	21.6	2.41E-07	1.00
12/22/25	9:37	12/22/25	9:41	3.2	3.5	60.0	21.6	21.3	2.72E-07	1.00
12/22/25	9:41	12/22/25	9:44	3.5	3.7	60.0	21.3	21.1	2.41E-07	1.00
12/22/25	9:44	12/22/25	9:48	3.7	3.9	60.0	21.1	20.9	1.81E-07	1.00
12/22/25	9:48	12/22/25	9:52	3.9	4.1	60.0	20.9	20.7	1.81E-07	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 2.23E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-3

% of max = N/A +/- OMC = N/A

Material: Tan Lean Clay

	Before Test	After Test
Can No.	169	170
Wet Wt.&Tare(g)	185.24	338.77
Dry Wt. & Tare(g)	156.31	271.19
Tare Wt.(g)	49.63	49.64
Wt. of Dry Soil(g)	106.7	221.55
Water Content(%)	27.1	30.5

Avg. Dia. 2.876 in UWW: 113.5 pcf

Sample Ht. 1.472 in UDW: 89.3 pcf

Sample Wt. 284.94 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		910096	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/19/25	10:57	12/19/25	11:00	2.1	2.7	60.0	21.8	21.3	7.38E-07	1.20
12/19/25	11:00	12/19/25	11:03	2.7	3.1	60.0	21.3	20.9	5.37E-07	1.00
12/19/25	11:03	12/19/25	11:06	3.1	3.7	60.0	20.9	20.4	7.38E-07	1.20
12/19/25	11:06	12/19/25	11:09	3.7	4.2	60.0	20.4	19.8	7.38E-07	0.83
12/19/25	11:09	12/19/25	11:12	4.2	4.7	60.0	19.8	19.2	7.38E-07	0.83
12/19/25	11:12	12/19/25	11:15	4.7	5.1	60.0	19.2	18.8	5.37E-07	1.00
12/19/25	11:15	12/19/25	11:18	5.1	5.7	60.0	18.8	18.3	7.38E-07	1.20

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 6.80E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-4

% of max = N/A +/- OMC = N/A

Material: Tan Fat Clay

	Before Test	After Test
Can No.	150	126
Wet Wt.&Tare(g)	125.36	339.29
Dry Wt. & Tare(g)	108.79	271.42
Tare Wt.(g)	49.16	49.63
Wt. of Dry Soil(g)	59.6	221.79
Water Content(%)	27.8	30.6

Avg. Dia. 2.739 in UWW: 111.3 pcf

Sample Ht. 1.657 in UDW: 87.1 pcf

Sample Wt. 285.22 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		910099	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/31/25	10:32	12/31/25	10:37	4.5	4.8	60.0	18.3	17.9	3.50E-07	0.75
12/31/25	10:37	12/31/25	10:42	4.8	5.0	60.0	17.9	17.7	2.00E-07	1.00
12/31/25	10:42	12/31/25	10:47	5.0	5.3	60.0	17.7	17.4	3.00E-07	1.00
12/31/25	10:47	12/31/25	10:53	5.3	5.5	60.0	17.4	17.2	1.67E-07	1.00
12/31/25	10:53	12/31/25	10:57	5.5	5.8	60.0	17.2	16.9	3.75E-07	1.00
12/31/25	10:57	12/31/25	11:03	5.8	6.2	60.0	16.9	16.5	3.33E-07	1.00
12/31/25	11:03	12/31/25	11:08	6.2	6.4	60.0	16.5	16.3	2.00E-07	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 2.75E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-5

% of max = N/A +/- OMC = N/A

Material: Tan Fat Clay with Gravel

	Before Test	After Test
Can No.	128	179
Wet Wt.&Tare(g)	126.74	531.20
Dry Wt. & Tare(g)	109.20	423.79
Tare Wt.(g)	49.52	49.73
Wt. of Dry Soil(g)	59.7	374.06
Water Content(%)	29.4	28.7

Avg. Dia. 2.831 in UWW: 117.0 pcf

Sample Ht. 2.474 in UDW: 90.4 pcf

Sample Wt. 478.16 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		JK	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/23/25	12:41	12/23/25	12:51	6.3	7.8	60.0	17.6	16.0	1.08E-06	0.94
12/23/25	12:51	12/23/25	13:01	7.8	9.4	60.0	16.0	14.5	1.08E-06	1.07
12/23/25	13:01	12/23/25	13:06	9.4	10.2	60.0	14.5	13.7	1.12E-06	1.00
12/23/25	13:06	12/23/25	13:10	10.2	10.9	60.0	13.7	13.0	1.22E-06	1.00
12/23/25	13:10	12/23/25	13:17	10.9	12.0	60.0	13.0	11.9	1.10E-06	1.00
12/23/25	13:17	12/23/25	13:23	12.0	12.9	60.0	11.9	11.0	1.05E-06	1.00
12/23/25	13:23	12/23/25	13:30	12.9	13.8	60.0	11.0	10.1	8.98E-07	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 1.08E-06 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-6

% of max = N/A +/- OMC = N/A

Material: Red Lean Clay

	Before Test	After Test
Can No.	170	127
Wet Wt.&Tare(g)	157.67	493.36
Dry Wt. & Tare(g)	145.86	426.22
Tare Wt.(g)	49.64	49.63
Wt. of Dry Soil(g)	96.2	376.59
Water Content(%)	12.3	17.8

Avg. Dia. 2.821 in UWW: 127.7 pcf

Sample Ht. 2.073 in UDW: 113.8 pcf

Sample Wt. 434.48 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		910096	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/23/25	13:14	12/23/25	13:23	4.5	5.0	60.0	17.4	17.0	2.95E-07	1.25
12/23/25	13:23	12/23/25	13:30	5.0	5.5	60.0	17.0	16.4	4.63E-07	0.83
12/23/25	13:30	12/23/25	13:38	5.5	5.9	60.0	16.4	16.0	2.95E-07	1.00
12/23/25	13:38	12/23/25	13:48	5.9	6.3	60.0	16.0	15.6	2.36E-07	1.00
12/23/25	13:48	12/23/25	14:06	6.3	6.7	60.0	15.6	15.1	1.47E-07	0.80
12/23/25	14:06	12/23/25	14:35	6.7	7.6	60.0	15.0	14.2	1.73E-07	1.13

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 2.68E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-7

% of max = N/A +/- OMC = N/A

Material: Tan and Orange Fat Clay

	Before Test	After Test
Can No.	172	160
Wet Wt.&Tare(g)	198.22	442.37
Dry Wt. & Tare(g)	171.24	355.08
Tare Wt.(g)	49.44	49.62
Wt. of Dry Soil(g)	121.8	305.46
Water Content(%)	22.2	28.6

Avg. Dia. 2.907 in UWW: 113.7 pcf

Sample Ht. 1.942 in UDW: 93.1 pcf

Sample Wt. 384.79 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		J-S	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
01/02/26	8:49	01/02/26	8:53	5.6	6.1	60.0	16.5	15.9	7.15E-07	0.83
01/02/26	8:53	01/02/26	8:58	6.1	6.7	60.0	15.9	15.3	6.24E-07	1.00
01/02/26	8:58	01/02/26	9:03	6.7	7.2	60.0	15.3	14.8	5.20E-07	1.00
01/02/26	9:03	01/02/26	9:07	7.2	7.7	60.0	14.8	14.3	6.50E-07	1.00
01/02/26	9:07	01/02/26	9:13	7.7	8.5	60.0	14.3	13.5	6.93E-07	1.00
01/02/26	9:13	01/02/26	9:18	8.5	9.1	60.0	13.5	13.0	5.72E-07	1.20
01/02/26	9:18	01/02/26	9:22	9.1	9.5	60.0	13.0	12.5	5.85E-07	0.80
01/02/26	9:22	01/02/26	9:26	9.5	10.0	60.0	12.5	12.0	6.50E-07	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 6.26E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-8

% of max = N/A +/- OMC = N/A

Material: Tan Fat Clay

	Before Test	After Test
Can No.	146	177
Wet Wt.&Tare(g)	138.05	504.38
Dry Wt. & Tare(g)	120.37	399.05
Tare Wt.(g)	49.69	49.64
Wt. of Dry Soil(g)	70.7	349.41
Water Content(%)	25.0	30.1

Avg. Dia. 2.829 in UWW: 115.1 pcf

Sample Ht. 2.353 in UDW: 92.1 pcf

Sample Wt. 447.03 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette			
				58	PSI	B	53	PSI	Permeability	
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
01/05/26	13:57	01/05/26	14:00	1.3	1.9	60.0	22.2	21.6	1.33E-06	1.00
01/05/26	14:00	01/05/26	14:03	1.9	2.4	60.0	21.6	21.1	1.11E-06	1.00
01/05/26	14:03	01/05/26	14:06	2.4	2.8	60.0	21.1	20.7	8.87E-07	1.00
01/05/26	14:06	01/05/26	14:10	2.8	3.4	60.0	20.7	20.1	9.97E-07	1.00
01/05/26	14:10	01/05/26	14:12	3.4	3.7	60.0	20.1	19.7	1.16E-06	0.75

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 1.10E-06 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-9

% of max = N/A +/- OMC = N/A

Material: Orange Fat Clay

	Before Test	After Test
Can No.	166	101
Wet Wt.&Tare(g)	189.45	471.63
Dry Wt. & Tare(g)	161.04	378.84
Tare Wt.(g)	49.67	49.52
Wt. of Dry Soil(g)	111.4	329.32
Water Content(%)	25.5	28.2

Avg. Dia. 2.870 in UWW: 110.4 pcf

Sample Ht. 2.210 in UDW: 88.0 pcf

Sample Wt. 414.48 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		D	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
01/02/26	8:16	01/02/26	8:20	2.1	2.5	60.0	23.0	22.6	6.07E-07	1.00
01/02/26	8:20	01/02/26	8:25	2.5	2.8	60.0	22.6	22.3	3.64E-07	1.00
01/02/26	8:25	01/02/26	8:30	2.8	3.0	60.0	22.3	22.1	2.43E-07	1.00
01/02/26	8:30	01/02/26	8:35	3.0	3.3	60.0	22.1	21.8	3.64E-07	1.00
01/02/26	8:35	01/02/26	8:40	3.3	3.5	60.0	21.8	21.6	2.43E-07	1.00
01/02/26	8:40	01/02/26	8:45	3.5	3.8	60.0	21.6	21.3	3.64E-07	1.00
01/02/26	8:45	01/02/26	8:50	3.8	4.0	60.0	21.3	21.1	2.43E-07	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 3.47E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-10

% of max = N/A +/- OMC = N/A

Material: Tan Fat Clay

	Before Test	After Test
Can No.	108	160
Wet Wt.&Tare(g)	182.50	433.57
Dry Wt. & Tare(g)	153.18	342.14
Tare Wt.(g)	49.61	49.62
Wt. of Dry Soil(g)	103.6	292.52
Water Content(%)	28.3	31.3

Avg. Dia. 2.963 in UWW: 120.9 pcf

Sample Ht. 1.776 in UDW: 94.2 pcf

Sample Wt. 388.70 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		910099	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/31/25	10:16	12/31/25	10:21	2.9	3.0	60.0	19.5	19.4	9.15E-08	1.00
12/31/25	10:21	12/31/25	10:26	3.0	3.2	60.0	19.4	19.2	1.83E-07	1.00
12/31/25	10:26	12/31/25	10:31	3.2	3.3	60.0	19.2	19.1	9.15E-08	1.00
12/31/25	10:31	12/31/25	10:37	3.3	3.5	60.0	19.1	18.9	1.53E-07	1.00
12/31/25	10:37	12/31/25	10:42	3.5	3.7	60.0	18.9	18.7	1.83E-07	1.00
12/31/25	10:42	12/31/25	10:47	3.7	3.9	60.0	18.7	18.5	1.83E-07	1.00
12/31/25	10:47	12/31/25	10:52	3.9	4.0	60.0	18.5	18.4	9.15E-08	1.00
12/31/25	10:52	12/31/25	10:57	4.0	4.1	60.0	18.4	18.3	9.15E-08	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 1.33E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-11

% of max = N/A +/- OMC = N/A

Material: Tan Fat Clay

	Before Test	After Test
Can No.	328	173
Wet Wt.&Tare(g)	206.31	494.35
Dry Wt. & Tare(g)	178.07	393.57
Tare Wt.(g)	37.07	49.60
Wt. of Dry Soil(g)	141.0	343.97
Water Content(%)	20.0	29.3

Avg. Dia. 2.802 in UWW: 111.8 pcf

Sample Ht. 2.366 in UDW: 93.1 pcf

Sample Wt. 428.06 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		F	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
01/06/26	11:51	01/06/26	11:53	6.5	7.9	60.0	19.4	18.0	4.77E-06	1.00
01/06/26	11:53	01/06/26	11:55	7.9	9.0	60.0	18.0	16.9	3.75E-06	1.00
01/06/26	11:55	01/06/26	11:56	9.0	9.6	60.0	16.9	16.3	4.09E-06	1.00
01/06/26	11:56	01/06/26	11:57	9.6	10.4	60.0	16.3	15.5	5.45E-06	1.00
01/06/26	11:57	01/06/26	11:58	10.4	11.0	60.0	15.5	15.0	3.75E-06	1.20
01/06/26	11:58	01/06/26	11:59	11.0	11.6	60.0	15.0	14.4	4.09E-06	1.00
01/06/26	11:59	01/06/26	12:00	11.6	12.2	60.0	14.4	13.8	4.09E-06	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 4.28E-06 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-12

% of max = N/A +/- OMC = N/A

Material: Tan Fat Clay

	Before Test	After Test
Can No.	322	175
Wet Wt.&Tare(g)	180.83	414.13
Dry Wt. & Tare(g)	154.08	331.77
Tare Wt.(g)	37.33	49.51
Wt. of Dry Soil(g)	116.8	282.26
Water Content(%)	22.9	29.2

Avg. Dia. 2.924 in UWW: 99.1 pcf

Sample Ht. 1.990 in UDW: 80.6 pcf

Sample Wt. 347.67 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		A	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
01/07/26	9:20	01/07/26	9:22	1.5	2.3	60.0	22.0	21.3	1.97E-06	1.14
01/07/26	9:22	01/07/26	9:24	2.3	3.0	60.0	21.3	20.6	1.84E-06	1.00
01/07/26	9:24	01/07/26	9:26	3.0	3.6	60.0	20.6	20.0	1.58E-06	1.00
01/07/26	9:26	01/07/26	9:28	3.6	4.2	60.0	20.0	19.5	1.45E-06	1.20
01/07/26	9:28	01/07/26	9:30	4.2	4.8	60.0	19.5	18.9	1.58E-06	1.00
01/07/26	9:30	01/07/26	9:32	4.8	5.4	60.0	18.9	18.3	1.58E-06	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 1.67E-06 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-13

% of max = N/A +/- OMC = N/A

Material: Tan & Red Fat Clay

	Before Test	After Test
Can No.	144	177
Wet Wt.&Tare(g)	128.30	259.20
Dry Wt. & Tare(g)	113.56	214.42
Tare Wt.(g)	49.63	49.63
Wt. of Dry Soil(g)	63.9	164.79
Water Content(%)	23.1	27.2

Avg. Dia. 2.852 in UWW: 117.4 pcf

Sample Ht. 1.051 in UDW: 95.4 pcf

Sample Wt. 206.99 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		A	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/22/25	12:30	12/22/26	12:35	3.6	3.8	60.0	20.0	19.8	1.11E-12	1.00
12/22/25	12:35	12/22/25	12:40	3.8	4.1	60.0	19.8	19.5	1.75E-07	1.00
12/22/25	12:40	12/22/25	12:46	4.1	4.3	60.0	19.5	19.3	9.74E-08	1.00
12/22/25	12:46	12/22/25	12:51	4.3	4.6	60.0	19.3	19.0	1.75E-07	1.00
12/22/25	12:51	12/22/25	12:56	4.6	4.8	60.0	19.0	18.8	1.17E-07	1.00
12/22/25	12:56	12/22/25	13:01	4.8	5.1	60.0	18.8	18.5	1.75E-07	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 1.23E-07 cm/sec

Tested In-situ

Terracon

ASTM D5084 Method C

Flex Wall Permeability

Project No.: 35247264

Project: B&F GCCG Ph 3, Cell 1 Bid Docs & CQA Services

Max Dry Density(pcf) = N/A OMC = N/A

Boring No.: N/A Depth/Sample No.: P-14

% of max = N/A +/- OMC = N/A

Material: Tan and Red Lean Clay

	Before Test	After Test
Can No.	164	153
Wet Wt.&Tare(g)	255.18	355.36
Dry Wt. & Tare(g)	215.00	288.24
Tare Wt.(g)	49.69	49.66
Wt. of Dry Soil(g)	165.3	238.58
Water Content(%)	24.3	28.1

Avg. Dia. 2.853 in UWW: 108.3 pcf

Sample Ht. 1.637 in UDW: 87.2 pcf

Sample Wt. 297.60 g Pres. Diff. 5.0 psi

Temperature (C°): 22.0 Con. Pres*: 2.0 *Note: The value is Effective Confining Pressure

Temp. Corr. Factor 0.953

				A - Burette		Cell #	B - Burette		Permeability	
				58 PSI		JK	53 PSI			
Date	Time	Date	Time	H1	H2	PSI	H1	H2	cm/sec	PV Ratio
12/19/25	10:51	12/19/25	10:54	2.0	4.0	60.0	23.5	21.6	2.96E-06	1.05
12/19/25	10:54	12/19/25	10:57	4.0	6.0	60.0	21.6	19.8	2.88E-06	1.11
12/19/25	10:57	12/19/25	11:00	6.0	8.0	60.0	19.8	18.0	2.88E-06	1.11
12/19/25	11:00	12/19/25	11:03	8.0	9.9	60.0	18.0	16.0	2.96E-06	0.95
12/19/25	11:03	12/19/25	11:06	9.9	11.8	60.0	16.0	14.0	2.96E-06	0.95
12/19/25	11:06	12/19/25	11:09	11.8	13.6	60.0	14.0	12.3	2.65E-06	1.06
12/19/25	11:09	12/19/25	11:12	13.6	15.5	60.0	12.3	10.5	2.80E-06	1.06
12/19/25	11:12	12/19/25	11:18	15.5	17.0	60.0	10.5	9.0	1.14E-06	1.00
12/19/25	11:18	12/19/25	11:21	17.0	18.5	60.0	9.0	7.5	2.27E-06	1.00

ASTM D4318 Atterberg Limits

Liquid Limit: N/A

Plastic Limit: N/A

Plasticity Index: N/A

ASTM D1140 Wash 200

Percent Fines (%): N/A

Avg. K_{20} = 2.61E-06 cm/sec

Tested In-situ

Appendix D
Photographic Log



1. Lift 1 of the Partial Closure placement on the southwest side of the landfill.



2. Excavator being used to fill haul trucks for dumping into the closure area.



3. Haul truck dumping clay soil into the closure area.



4. Dozer being used to spread the clay into lifts.



5. Dozers working the clay on the slope.



6. Clay Liner Partial Cover lift 3 from the bottom of the slope.



7. July 2026 – established vegetation and finished rip-rap let-down structure

3512 S Shackleford Rd
Little Rock, AR 72205
P (501) 221-7122
F (501) 221-7775
Terracon.com

August 5, 2026

Arkansas Department of Energy & Environment
Division of Environmental Quality, Office of Land Resources
Solid Waste Management
5301 Northshore Drive
North Little Rock, AR 72118-5317

Attention: Mr. David Isaacs, Solid Waste Permitting Engineer
P: (501) 682-0706
E: david.isaacs@arkansas.gov

Subject: Overfill Removal Completion Notice – North Overfill
Garland County Cedar Glades Class 4 Landfill
Permit No: 0300-S4 AFIN: 26-00405
Terracon Project No. 35247264

Dear Mr. Isaacs:

The Garland County Class 4 Landfill removed soil overfill that was discovered during review of Engineering Inspection Reports for the facility during 2024. An Overfill Corrective Action Plan was submitted and subsequently approved. The Landfill finished correcting the overfill condition during 2025. McHenry and Meyer (cell and partial closure contractor) removed the overfill along the north slope of Phase 2, Cell 4 (North Overfill) in a couple of iterations with verification surveys. Additionally, McHenry and Meyer performed construction for the partial closure of the west side of Phases 1 and 2. Corrective actions performed and verification data for the North Overfill removal are presented below.

Corrective Action

The following procedures were performed to remediate the overfill areas:

- The facility removed the soil overfill in the north area and placed approximately one foot of interim soil cover over in-place waste to establish appropriate grades.

- The facility completed construction of the West Area Partial Closure. A final as-built survey on the top of the finished erosion layer was transmitted by Crafton Tull on February 26, 2026.

- Verification topographic surveys were conducted of the overfill areas. A final grid survey of the North Overfill area was captured on January 6, 2026 upon completion of

the remediation of the north area and survey data were transmitted by Crafton Tull on January 7, 2026. Attached Figures 1 and 2 illustrate the overfill removal and topographic survey grid points. Photographs of the finished overfill removal area taken January 6, 2026 are attached at the end of this report.

- Overfill removal and establishment of subgrade in the west partial closure area was completed during September through December 9, 2025, including in the previously used access road area. This prepared surface included grading of the closure area prior to the installation of the compacted low permeability soil barrier layer. Soils and wastes were removed to permitted final waste grades in the previously identified overfill areas. Verification topographic surveys were provided on 9.8.2025 for the southern portion of the closure area and 12.9.2025 for the northern portion of the closure area, including in the previous access road area. A certification report that includes subgrade survey information and illustrations of the compacted soil barrier layer and erosion layer is forthcoming. The closure area was observed on July 1, 2026 and grass was adequately established at the time to certify the closure as completed.

In summary, as indicated in the attached figures, the North Overfill was remediated to remove any overfilled waste and soil and to reestablish interim cover grades near the permitted final waste grades surface. One mounded area that was slightly above final waste grades (see survey point 1040) was subsequently re-graded by the contractor to final waste grades. No waste is present in the area at elevations above the permitted final waste grades surface. The facility has also purchased equipment GPS and will control slope elevations using grade control to stay below permitted final waste grades going forward.

Thank you for your consideration of the above items. If you have any questions, please feel free to contact John Rogers of Crafton Tull or either of the undersigned at (501) 221-7122.

Sincerely,
Terracon Consultants, Inc.

F. Owen, Carpenter, P.E., P.G.
Senior Engineer

Dave C. McCormick, P.E.
Department Manager/APR

Attachments: Figure 1 –Overfill Removal Verification
Figure 2 - Cross Sectional Sheet with Final Cover Shown
Photographs of finished remediation in north slope area

Cc: Judge Darryl Mahoney/Billy Sawyer (Garland County)
John Rogers (Crafton Tull)



N

SCALE: 1" = 30'

NOTES:

1. AREAS IN ORANGE ARE TYPICALLY PERIMETER SHOTS **ABOVE** FWG.
2. AREAS IN BROWN ARE LESS THAN 0.5' **ABOVE** FWG.
3. AREAS IN GREEN ARE 0' AND 1' **BELOW** FWG.
4. AREAS IN CYAN ARE BETWEEN 1' AND 10' **BELOW** FWG.
5. AREAS IN BLUE ARE BETWEEN 10' AND 31.96' **BELOW** FWG.

* POINTS 1001 THROUGH 1009 AND 1019 LIE ON THE CELL EDGE PERIMETER WITHIN THE PERIMETER CLAY TIE-IN BENCH. POINT 1040 INDICATED WASTE PLUS INTERIM COVER APPROXIMATELY 0.5 FT. ABOVE THE PERMITTED FINAL WASTE GRADES. THIS AREA WAS SUBSEQUENTLY GRADED DOWN BY THE CONTRACTOR.

IN AREAS THAT INTERSECT THE PERIMETER COVER TIE-IN BENCH, THE WASTE PLUS INTERIM COVER PLANE THAT IS DESCENDING DOWN THE SLOPE WILL BE TERMINATED INTO THE TOP OF THE CLAY SOILS OF THE BENCH RATHER THAN BEING EXTENDED DOWN TO ELEVATIONS BELOW THE TOP OF THE PERIMETER BENCH. THE FINAL COVER TWO-FEET THICK SOIL CAP WILL THEN TIE INTO THE TOP OF THE PERIMETER TIE-IN BENCH.

POINT#	NORTHING	EASTING	PERMITTED FWG	EXISTING TOPO (1.6.26)	DIFFERENCE	OVERFILL CORRECTION
1001	1993395.773	984606.502	514.992	515.838	-0.85	PERIMETER*
1002	1993417.792	984639.896	515.555	516.193	-0.64	PERIMETER*
1003	1993439.811	984673.291	516.089	517.073	-0.98	PERIMETER*
1004	1993461.830	984706.685	516.703	517.568	-0.86	PERIMETER*
1005	1993483.849	984740.079	517.275	517.922	-0.65	PERIMETER*
1006	1993505.868	984773.473	517.846	518.339	-0.49	PERIMETER*
1007	1993527.887	984806.867	518.417	518.782	-0.36	PERIMETER*
1008	1993548.564	984841.147	517.771	518.339	-0.57	PERIMETER*
1009	1993559.833	984881.628	517.846	518.751	-0.91	PERIMETER*
1010	1993362.379	984628.521	525.049	524.756	0.29	✓
1011	1993384.398	984661.915	525.601	525.416	0.19	✓
1012	1993406.417	984695.310	526.080	525.884	0.20	✓
1013	1993428.436	984728.704	526.757	526.593	0.16	✓
1014	1993450.455	984762.098	527.328	527.192	0.14	✓
1015	1993472.474	984795.492	527.900	527.850	0.05	✓
1016	1993494.493	984828.886	527.971	527.925	0.05	✓
1017	1993516.512	984862.280	526.646	526.734	-0.09	✓
1018	1993538.531	984895.674	522.676	522.578	0.10	✓
1019	1993558.210	984929.068	518.185	519.191	-1.01	PERIMETER*
1020	1993328.985	984650.540	535.106	534.877	0.23	✓
1021	1993351.004	984683.935	535.595	535.302	0.29	✓
1022	1993373.023	984717.329	536.071	535.892	0.18	✓
1023	1993395.042	984750.723	536.811	536.660	0.15	✓
1024	1993417.061	984784.117	537.382	537.237	0.14	✓
1025	1993439.080	984817.511	537.953	537.841	0.11	✓
1026	1993461.099	984850.905	537.217	537.213	0.00	✓
1027	1993483.118	984884.299	534.391	534.311	0.08	✓
1028	1993505.137	984917.693	529.898	530.034	-0.14	✓
1029	1993527.156	984951.087	523.372	523.283	0.09	✓
1030	1993542.957	984975.051	518.363	518.573	-0.21	✓
1031	1993295.591	984672.599	545.163	545.005	0.16	✓
1032	1993317.610	984705.954	545.499	545.367	0.13	✓
1033	1993339.629	984739.348	546.063	546.029	0.03	✓
1034	1993361.648	984772.742	546.865	546.783	0.08	✓
1035	1993383.653	984806.136	547.439	547.378	0.06	✓
1036	1993405.672	984839.530	547.792	547.773	0.02	✓
1037	1993427.691	984872.924	546.109	546.160	-0.05	✓
1038	1993449.710	984906.318	541.966	541.826	0.14	✓
1039	1993471.743	984939.712	535.572	535.535	0.04	✓
1040	1993493.762	984973.106	527.960	528.471	-0.51	OF *
1041	1993515.781	985006.500	519.129	518.394	0.73	✓
1042	1993262.197	984694.578	555.220	552.775	2.44	✓
1043	1993284.216	984727.973	555.483	555.380	0.10	✓
1044	1993306.235	984761.367	556.054	556.141	-0.09	✓
1045	1993328.254	984794.761	556.918	556.830	0.09	✓
1046	1993350.273	984828.155	557.490	557.521	-0.03	✓
1047	1993372.292	984861.549	557.036	557.001	0.03	✓
1048	1993394.311	984894.943	553.678	553.636	0.04	✓
1049	1993416.330	984928.337	547.772	547.787	-0.02	✓
1050	1993438.349	984961.731	540.050	539.794	0.26	✓
1051	1993460.368	984995.125	531.219	529.393	1.83	✓
1052	1993482.387	985028.519	521.343	518.993	2.35	✓
1053	1993373.754	984573.108	514.420	513.050	1.37	✓
1054	1993340.360	984595.127	524.477	523.084	1.39	✓
1055	1993306.966	984617.146	534.534	531.546	2.99	✓
1056	1993273.572	984639.165	544.591	540.787	3.80	✓
1057	1993240.178	984661.184	554.586	549.011	5.58	✓
1058	1993206.783	984683.203	563.215	555.799	7.42	✓
1059	1993228.802	984716.598	565.277	560.229	5.05	✓
1060	1993250.821	984749.992	565.475	565.418	0.06	✓
1061	1993272.841	984783.386	566.045	566.002	0.04	✓
1062	1993294.860	984816.780	566.972	566.894	0.08	✓
1063	1993316.879	984850.174	567.543	567.552	-0.01	✓
1064	1993338.898	984883.568	565.395	563.373	2.02	✓
1065	1993360.917	984916.962	559.973	555.511	4.46	✓
1066	1993382.936	984950.356	552.141	547.992	4.15	✓
1067	1993404.955	984983.750	542.967	539.061	3.91	✓
1068	1993426.974	985017.144	533.014	528.357	4.66	✓
1069	1993448.993	985050.538	523.060	518.885	4.17	✓
1070	1993173.389	984705.222	571.093	563.698	7.40	✓
1071	1993195.408	984738.617	575.334	568.342	6.99	✓
1072	1993217.427	984772.011	575.512	573.820	1.69	✓
1073	1993239.446	984805.405	576.036	576.017	0.02	✓
1074	1993261.465	984838.799	577.026	575.079	1.95	✓
1075	1993283.485	984872.193	576.854	568.366	8.49	✓
1076	1993305.504	984905.587	572.173	560.820	11.35	✓
1077	1993327.523	984938.981	564.232	552.585	11.65	✓
1078	1993349.542	984972.375	554.638	545.185	9.45	✓
1079	1993371.561	985005.769	544.684	535.751	8.93	✓
1080	1993393.580	985039.163	534.730	523.918	10.81	✓

928 AIRPORT ROAD
HOT SPRINGS, AR 71913
Crafton Tull
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www.craftontull.com

PHASE 1 & 2 PARTIAL CLOSURE

1040 CEDAR GLADES ROAD
HOT SPRINGS, ARKANSAS

Key Plan

NORTH OVERFILL FWG VERIFICATION

No.	Description	Date

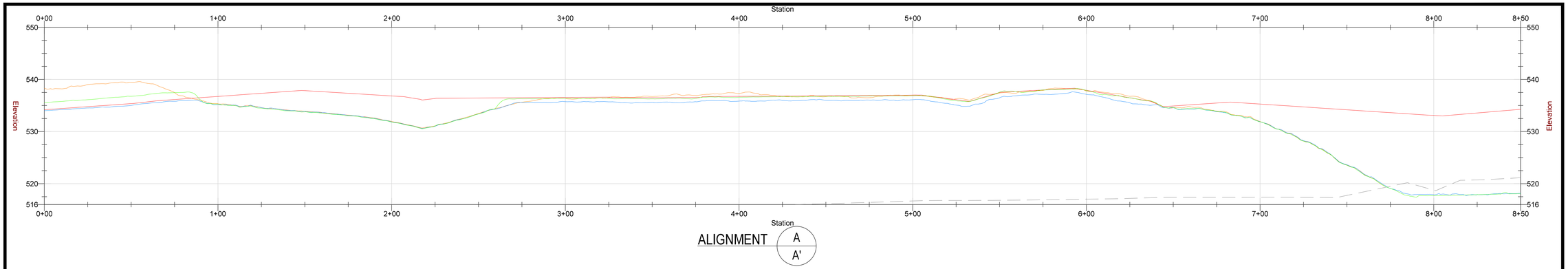
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ISSUE DATE: JANUARY 2026
CONTACT: J. ROGERS
QC by:
QC Date:

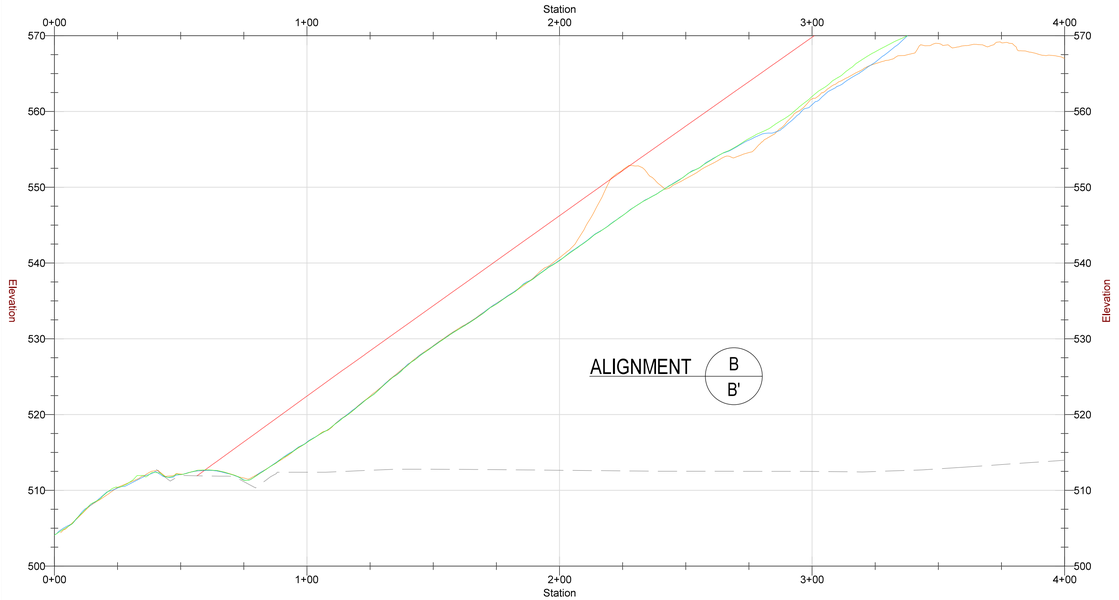
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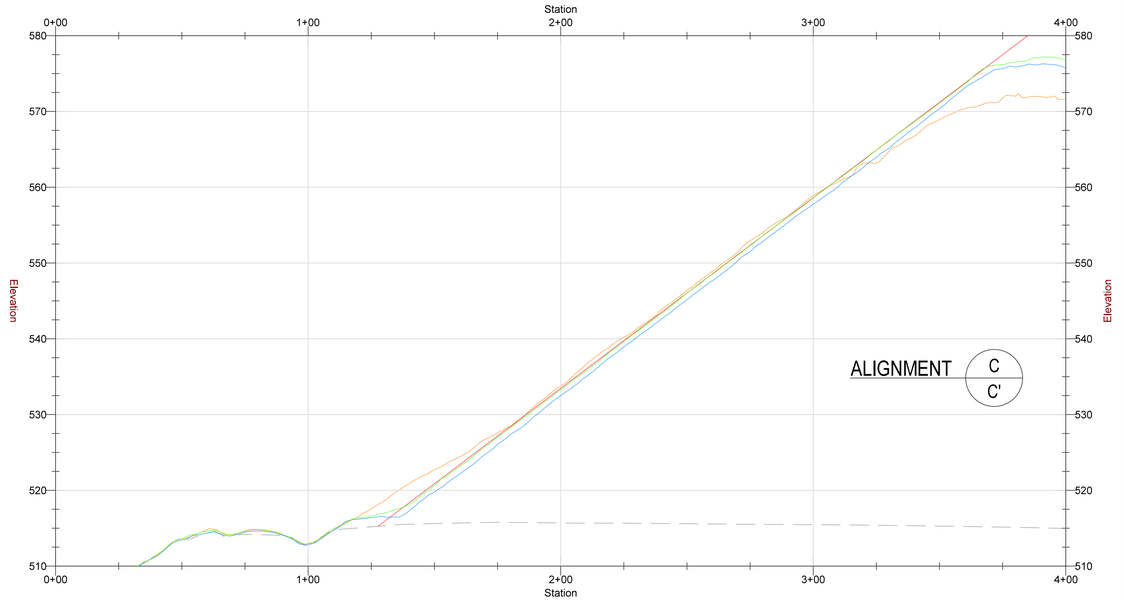
DRAWING 1



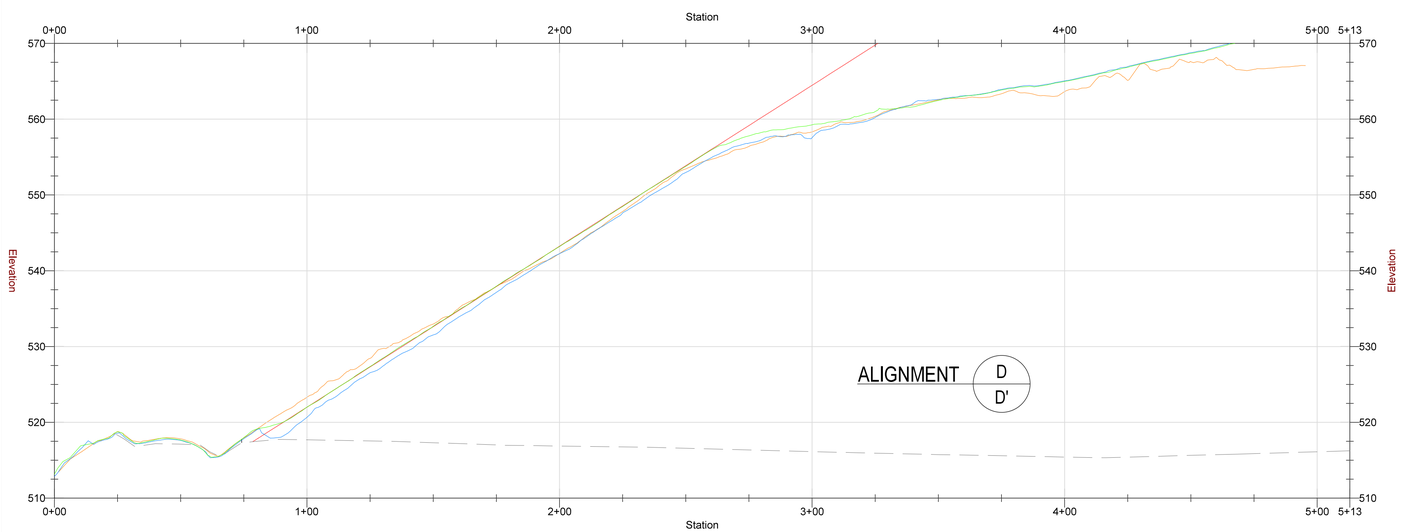
ALIGNMENT A / A'



ALIGNMENT B / B'



ALIGNMENT C / C'



ALIGNMENT D / D'

SCALE:
1" = 30' (HORIZONTAL)
1" = 10' (VERTICAL)
VERTICAL EXAGGERATION = x3

LEGEND:

- PERMITTED FINAL WASTE GRADES (FINAL COVER MINUS 2')
- AS-BUILT TOPO (9.8.2025)
- AS-BUILT TOPO (12.9.2025)
- AS-BUILT TOPO (1.6.2026)
- PHASE 2, CELLS 3 & 4 - AS-BUILT BOTTOM LINER

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PHASE 1 & 2 PARTIAL CLOSURE

1040 CEDAR GLADES ROAD
HOT SPRINGS, ARKANSAS

Key Plan

NORTH OVERFILL FWG VERIFICATION

No.	Description	Date

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ISSUE DATE: DECEMBER 2025
CONTACT: J. ROGERS
QC by:
QC Date:

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DRAWING 2



Looking southeast at North Overfill removal area



Looking south at North Overfill removal area



Looking southwest at North Overfill removal area
Partial Closure area in background right



Looking south-southwest toward north edge of Partial Closure area



Looking northwest from north edge of Partial Closure area