

CQA Report Submission (cell construction, final cover, partial closure, leachate system, etc.)

version 1.3

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Details

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Submittal

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15-00001

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Green Bay Packaging Inc.

Facility Type
Class 3 Non-Commercial Industrial Landfill

Permit #
0284-S3N

Type Of Submittal
Construction QA (CQA) Report

Description of Submittal (Optional)
Cell 6 CQA Report

Attach Submittal Here
[GBP_Cell-6-CQA-Report.pdf - 04/01/2026 10:32 AM](#)
Comment
NONE PROVIDED

AFIN County
15

Used for Route Map
Bennett

Attachments

Date	Attachment Name	Context	User
4/1/2026 10:32 AM	GBP_Cell-6-CQA-Report.pdf	Attachment	Jonathan King

Status History

	User	Processing Status
4/1/2026 10:29:21 AM	Jonathan King	Draft
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CQC AND CQA DOCUMENTATION REPORT

Cell 6 Construction Green Bay Packaging – Arkansas Kraft Class Division 3N Landfill Morrilton, Arkansas

**Permit No. 0284-S3N
AFIN: 15-00001**

**April 2026
Promus Project No. 250223**

**Prepared for:
Green Bay Packaging Inc. – Arkansas Kraft Division**

Prepared by:



TABLE OF CONTENTS

1.	INTRODUCTION	1
1.1.	Project Description	1
1.2.	Scope	1
1.3.	Quality Program	2
1.4.	Construction Chronology	2
1.5.	Project Parties	3
2.	COMPACTED SOIL LINER	3
2.1.	Construction Quality Control.....	4
2.1.1.	Material Evaluation.....	4
2.1.2.	Visual Observation	4
2.1.3.	Laboratory Testing	4
2.1.4.	Field Testing	4
2.2.	Construction Quality Assurance.....	5
3.	PROTECTIVE COVER AND LEACHATE COLLECTION SYSTEM.....	5
3.1.	Construction Quality Control.....	5
3.1.1.	Laboratory Testing	6
3.1.2.	Thickness Control.....	6
3.2.	Construction Quality Assurance.....	6
4.	CONCLUSIONS	6

Figures

Figure 1 – Site Layout Map

Appendices

Appendix A – Daily Field Reports

Appendix B – Photographic Record

Appendix C – Compacted Soil Liner

- ▶ Table C-1: Laboratory Test Data – Compacted Soil Liner – Pre-construction
- ▶ Table C-2: Laboratory Test Data – Compacted Soil Liner – Construction
- ▶ Laboratory Test Data – Compacted Soil Liner
- ▶ Table C-3: Field Compaction Test Results – Compacted Soil Liner
- ▶ Figure C-1: Field Compaction Test Locations – Compacted Soil Liner – Lift 1
- ▶ Figure C-2: Field Compaction Test Locations – Compacted Soil Liner – Lift 2
- ▶ Figure C-3: Field Compaction Test Locations – Compacted Soil Liner – Lift 3
- ▶ Figure C-4: Field Compaction Test Locations – Compacted Soil Liner – Lift 4

Appendix D – Protective Cover and Leachate Collection System

- ▶ Table G-1: Laboratory Test Data – Drainage Layer
- ▶ Table G-2: Laboratory Test Data – LCS Aggregate
- ▶ Laboratory Test Data – Protective Cover Layer & LCS Aggregate
- ▶ Laboratory Test Data – Geotextile Conformance Data

Appendix E – As-Built Drawings



CQC AND CQA DOCUMENTATION REPORT

Cell 6 Construction

Green Bay Packaging – Arkansas Kraft Division Class 3N Landfill

1. INTRODUCTION

This report documents the Construction Quality Control (CQC) and Construction Quality Assurance (CQA) efforts and activities performed by Promus Engineering, LLC. (Promus), for the bottom liner system and leachate collection system (LCS) of Cell 6 at the Green Bay Packaging, Inc. – Arkansas Kraft Division Class 3N Landfill located near Morrilton, Arkansas.

1.1. Project Description

The Green Bay Packaging Landfill is a Class 3 Non-Commercial Industrial facility owned and operated by Green Bay Packaging, Inc. – Arkansas Kraft Division (GBP). The facility is a solid waste landfill, permitted, designed, constructed, and operated under the Solid Waste Management Rules (Part 60) under Title 8 of Arkansas Environmental Law. The rules were established by the Arkansas Pollution Control and Ecology Commission and are implemented by the Arkansas Energy & Environment Division of Environmental Quality (DEQ). The facility operates under Solid Waste Permit No. 0284-S3N, Arkansas Facility Identification Number (AFIN) 15-00001.

Cell 6 is an approximately 4.5-acre solid waste disposal cell and is bordered to the east by existing Cell 4 and to the west by existing Cell 3. Figure 1 provides a site layout map that illustrates the approximate location of construction in relation to other site features. Construction of the Cell 6 bottom liner system and leachate collection system included the following components:

- ▶ A 24-inch thick compacted soil liner ($k \leq 1 \times 10^{-7}$ cm/sec);
- ▶ A 6-inch-thick soil protective cover/drainage layer ($k \geq 1 \times 10^{-3}$ cm/sec).

1.2. Scope

Promus was retained by GBP to provide quality control and assurance services during the construction of the cell components as described in the facility CQA Plan (*Construction Quality Assurance and Quality Control Plan for the Green Bay Packaging Class 3N Landfill*), prepared by Promus Engineering, LLC, August 2025) and in accordance with 8 CAR § 60, subsections 528 and 529 for liner and leachate collection system construction, respectively. This report documents the quality assurance activities associated with the Cell 6 construction. The scope of services provided by Promus relevant to this report included:

- ▶ visual observation of construction activities addressed in the CQA Plan;
- ▶ field and laboratory testing to evaluate and document compliance of construction materials with the CQA Plan; and
- ▶ data analysis, compilation, and report preparation.



1.3. Quality Program

The manufacturing quality control (MQC)/CQC procedures for this project were set forth by the various MQC and CQC plans developed by various material manufacturers, suppliers, installers, and contractors. The site specific CQC and CQA procedures for this project were established by the CQA Plan, which includes the requirements for material characteristics as well as the minimum frequencies of field and laboratory testing for construction verification. In general, MQC and CQC included extensive quality control observations and testing to ensure material conformity and workmanship compliance with the project plans and specifications. CQA activities included oversight, reviews, audits, observations and testing to verify and support the results of the MQC and CQC programs. Additionally, the CQA program included the compilation of the test program results into this documentation report.

The CQC efforts performed by the field technicians included the field monitoring and testing and laboratory testing activities addressed in the CQA Plan. Promus CQC personnel were on-site essentially full-time during construction of Cell 6.

The CQC field technician documented site activities on a daily basis. The observations were summarized in the form of daily field reports (DFRs), which were submitted to Promus CQA staff for review and finalization. DFRs documented project information such as weather, contractor's equipment and personnel on-site, site activities, CQC testing and sampling and other pertinent information. These DFRs are presented in Appendix A. Additionally, the CQC representative recorded digital photographs of site construction and project progress. Selected photographs are provided in Appendix B as a photographic record of construction.

CQA services performed by Promus included pre-construction materials evaluation, direction of the CQC efforts, review of materials compliance/certification submittals, review of field and laboratory CQC data, troubleshooting and the preparation of this report. Promus CQA personnel communicated with CQC field representatives during the construction process, reviewed DFRs and field and laboratory test data, performed site visits prior to and during construction.

1.4. Construction Chronology

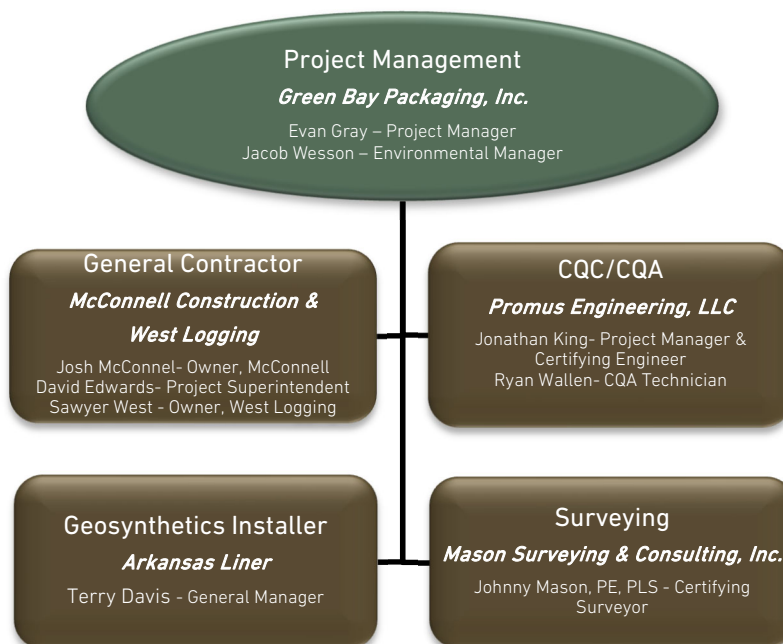
Promus began preconstruction testing of materials for cell construction in November 2025, and a notification of construction for Cell 6 was submitted to DEQ on October 8, 2025. Construction of Cell 6 occurred from December 2025 to March 2026. The following table illustrates the approximate progress of Cell 6 construction:

Task	Begin Date	Completion Date
Excavation / Structural Fill	December 3, 2025	February 20, 2026
Test Pad	November 15, 2025	November 16, 2025
Compacted Soil Liner	November 16, 2025	March 3, 2026
Drainage layer / Leachate Collection System	March 3, 2026	March 23, 2026



1.5. Project Parties

GBP contracted McConnell Construction (McConnell) to serve as the General Contractor for construction of Cell 6 and West Logging as a subcontractor for the earthwork. Surveying services were performed by Mason Surveying & Consulting, Inc. (Mason Surveying), and the geosynthetic materials installation was performed by Arkansas Liner. GBP also contracted CQC/CQA to Promus Engineering, LLC (Promus) and geosynthetic laboratory testing services were provided by TRI Environmental, Inc. (TRI). The inset organizational chart illustrates the organizational structure associated with the construction of Cell 6. Each of these firms contributed to the quality program for the project.



2. COMPACTED SOIL LINER

In general, construction of the compacted soil liner (CSL) was accomplished by hauling, placing, moisture conditioning and compacting soil excavated from the proposed Cell 6 footprint to form a low permeability soil barrier. The soil liner was constructed using one of two methods. Under Option 1, the initial clay lift was recompacted in place, followed by the placement of two additional 8-inch lifts over the recompacted in-situ layer to achieve the required minimum thickness of 24 inches. Under Option 2, the liner was constructed by placing three lifts, each approximately 8 inches thick, to meet the same minimum 24-inch thickness requirement. In either case, the clay liner material was compacted to a minimum 90% standard density as determined by laboratory testing. The liner construction quality control and quality assurance activities are discussed in the following sections.

In accordance with 8 CAR §60-528, the general contractor selected for the project did not have the compacted soil liner experience needed to waive the test fill requirements. Therefore a compacted soil liner test pad was constructed in the northwest corner of the Cell 6 footprint. The test pad was constructed in 4, 6-inch-thick compacted lifts to achieve the required minimum thickness of 24 inches. The test pad was tested in compliance with the CQA Plan and according to the results, the pad met or exceeded project specifications and the selected contractor was allowed to continue with construction. The field and laboratory tests taken as part of the test pad are included in Appendix C, but were not included for the totals for the remainder of the Cell 6 construction.

2.1. Construction Quality Control

The CSL was monitored through materials evaluation, CQC representative visual observation, documentation, field testing, and laboratory testing as prescribed in the CQA Plan. Each of these CQC aspects is discussed in the following sections.

2.1.1. Material Evaluation

In accordance with the CQA Plan, pre-construction testing and evaluation was conducted to select adequate fill materials and develop construction compaction criteria for construction of the CSL.

In summary, representative material of proposed CSL was collected from onsite stockpiles and tested for suitability. The material was transported to the geotechnical laboratory for testing as prescribed by the CQA Engineer. The material was evaluated to determine index and physical properties of the soil. Remolded permeability testing was performed to develop moisture and density conditions which correlated with a high probability of acceptable permeability.

The pre-construction test evaluations allowed for development of compaction acceptance criteria for the primary soil type used from the onsite borrow source. The criteria were developed taking into consideration the index properties of the soil at the site. The CSL compaction standards developed by the acceptance criteria included:

- ▶ Compaction to at least 90% maximum dry density (per the Standard Effort Compaction Test – ASTM D698); and
- ▶ Moisture content of at least optimum moisture content (per the Standard Effort Compaction Test – ASTM D698).

2.1.2. Visual Observation

The CQC technician was on-site during the placement, preparation, and compaction of the CSL. Construction observations associated with this activity included material type, moisture content, lift thickness, compaction effort and compacted lift thickness. The CSL was visually inspected for the presence of deleterious material. The field observations for these activities were documented by the CQC technician in the DFRs, which are provided in Appendix A. Photographs of the CSL construction are included in Appendix B.

2.1.3. Laboratory Testing

Laboratory testing of the CSL material included testing samples collected prior to construction and during construction to evaluate material performance and conformance with the requirements of the CQA Plan. The pre-construction testing and evaluation was conducted to select adequate fill materials and develop construction compaction criteria. Testing conducted during construction of the CSL was performed to verify the properties of the material and maintain compliance with the requirements of the CQA Plan. Undisturbed samples were collected, as required, in the compacted lifts to evaluate hydraulic conductivity of the placed soils. Pre-construction and construction laboratory data is summarized in Tables C-1 and C-2 in Appendix C. Laboratory test reports are also provided in Appendix C.

2.1.4. Field Testing

Field testing of the CSL consisted of performing in-place moisture content and density determinations by nuclear methods (ASTM D 6938) on compacted lifts as necessary to evaluate compaction efforts



and moisture conditions. The CQC technician performed compaction testing and recorded the test results while comparing the results to requirements established in the CQA Plan and pre-construction testing. The CQC technician documented the lift number and Northing and Eastings of the field test locations. The CQC technician promptly informed the contractor of the test results. If the results indicated failing conditions, the contractor reworked the area, and the CQC technician then retested the area. This process was repeated until passing conditions were achieved. Table C-3 in Appendix C includes the CSL field compaction test results. Figures C-1 through C-4 in Appendix C illustrate the approximate locations of field compaction tests for the CSL construction.

2.2. Construction Quality Assurance

The CQC observations of the CSL construction, as summarized in the DFRs, were reviewed by CQA staff on a regular basis. The Promus CQA personnel conferred with the CQC technician occasionally to discuss the observations. In some cases, minor changes to the DFRs were made to correct typos, clarify or to further explain various details.

The CQA review of the clay liner CQC field and laboratory tests results required comparison of the testing frequencies to required minimums and comparison of the test results to the requirements of the CQA Plan. Based upon the CQA review of the laboratory data provided in Table C-1 and Table C-2, and the field compaction data provided in Table C-3, in Appendix C, the CSL was constructed in general accordance with the CQA Plan.

Upon completion of the CSL, the soil liner surface was surveyed at the design control points by Mason Surveying. The survey data was compared to the as-built subgrade elevations to determine layer thickness and evaluate conformance. The as-built survey provided by Mason Surveying for Cell 6 is presented in Appendix E. The as-built survey provided indicated that the constructed layer achieved the minimum thickness of 24-inches.

3. PROTECTIVE COVER AND LEACHATE COLLECTION SYSTEM

Cell 6 was constructed with a leachate collection system (LCS) consisting of a 6-inch-thick sand protective cover/drainage layer ($k \geq 1.0 \times 10^{-3}$ cm/sec) placed on top of the compacted soil liner (CSL) to protective the underlying clay liner and facilitate the collection and removal of leachate. A perforated piping system, contained within a gravel pack and geotextile wrap, was placed within a trench constructed near the center of the cell. The piping system was designed to route the leachate to the lift station located at the north end of the cell, where it will be pumped to the facility's wastewater treatment facility via HDPE forcemain.

The 6-inch diameter perforated HDPE leachate collection pipe was installed in the center collection trench, covered with washed gravel, and wrapped with 10-oz. non-woven geotextile. The leachate collection pipe penetrated the northern containment berm of Cell 6 and was converted to a 10" x 6" dual-contained pipe until it reached the northern lift station.

Sand used to construct the protective cover/drainage layer was transported to the project site from an off-site quarry and stockpiled around Cell 6. The sand was then spread and graded to a minimum 6-inch thickness with GPS enabled bulldozers.

3.1. Construction Quality Control

The Promus CQC Technician was on-site during construction of the protective cover and leachate collection system. Construction observations associated with this activity included material



consistency, layer thickness observation, pipe welding operations and monitoring any potential damage occurring to the clay liner. The LCS piping installation was visually monitored and compared to the design drawings. The field observations were documented by the CQC technician in the DFRs, which are provided in Appendix A. Photographs of the protective cover layer and LCS construction are included in Appendix B.

3.1.1. Laboratory Testing

Samples of the materials used in the protective cover layer were obtained from the onsite stockpile prior to placement and submitted for geotechnical laboratory testing in accordance with the CQA Plan. Also, the LCS washed gravel was sampled and tested per the CQA Plan. The protective cover layer and LCS washed gravel testing indicated compliance with the CQA Plan requirements. Laboratory testing of the drainage layer is summarized in Table D-1 and testing of the LCS washed gravel is reported in Table D-2 in Appendix D. Laboratory test reports are also provided in Appendix D.

The geotextile used in the LCS was sampled onsite and sent to the geosynthetics testing laboratory in accordance with the CQA Plan. The Laboratory test results of these samples are also provided in Appendix D and indicated compliance with project requirements.

3.1.2. Thickness Control

The thickness of the protective cover was monitored during placement by the field technician. The thickness of the placed material was confirmed through civil survey. The as-built top of protective cover layer survey data provided by Mason Surveying is presented in Appendix E and indicates a minimum thickness of 6 inches was achieved.

3.2. Construction Quality Assurance

The Promus CQA staff reviewed DFRs and project photos as well as discussed with CQA field personnel the visual observations and findings. In some cases, after discussion with the CQA technician, typos or minor changes to the DFRs were made to clarify or to further explain various details.

The CQA staff reviewed the material test results and survey data for compliance with the project requirements. The laboratory test results for the granular drainage layer indicated general conformance with the requirements of the CQA Plan.

4. CONCLUSIONS

This report of the CQA activities for the compacted soil liner, protective cover/drainage layer, and leachate collection system for Cell 6 at the GBP Landfill has been prepared in accordance with generally accepted geotechnical and environmental engineering practices for the exclusive use of GBP, its agents and/or clients. No warranty either expressed or implied is made.

Our conclusions are based upon site observations and the field and laboratory testing performed during the course of this project. We assume that information provided to us by others is correct and true, unless otherwise noted. The information contained within this report is, to the best of our knowledge and belief, true, accurate, and complete. If additional information or changes in previous information become available in the future, we request the opportunity to review and change our recommendations and conclusions, as necessary.



The CQA Plan specifies ASTM D4373, Standard Test Method for Rapid Determination of Carbonate Content of Soils, for determining carbonate content. During construction, the soils testing laboratory requested approval to use ASTM D3042, Standard Test Method for Insoluble Residue in Carbonate Aggregates, due to the coarse nature of the leachate collection aggregate. ASTM D4373 is intended for fine-grained soil materials and is not as well suited for aggregate-sized particles.

The CQA Engineer reviewed and approved the use of ASTM D3042 as an appropriate alternative test method. ASTM D3042 provides a more accurate and representative assessment of carbonate content for coarse aggregate materials and meets the project's intent for verifying compliance with material specifications. This variance does not affect the quality or performance of the leachate collection system materials.

Based on the observations, in-place testing, laboratory testing, and CQA review of testing and documentation performed by the Promus Engineering, LLC representatives, it is our professional judgment that the elements constructed during this project, as documented herein, have been constructed in accordance with the approved permit, and industry accepted procedures and methodologies.

This Construction Quality Control and Construction Quality Assurance Documentation Report was prepared by me and/or the project CQA activities were performed under my direct supervision:



By:

Jonathan B King, PE
Arkansas Professional Engineer No. 20682



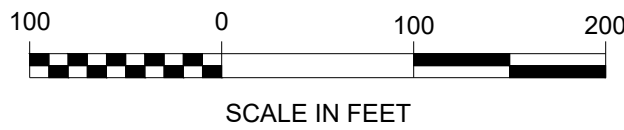
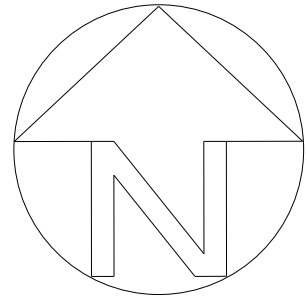
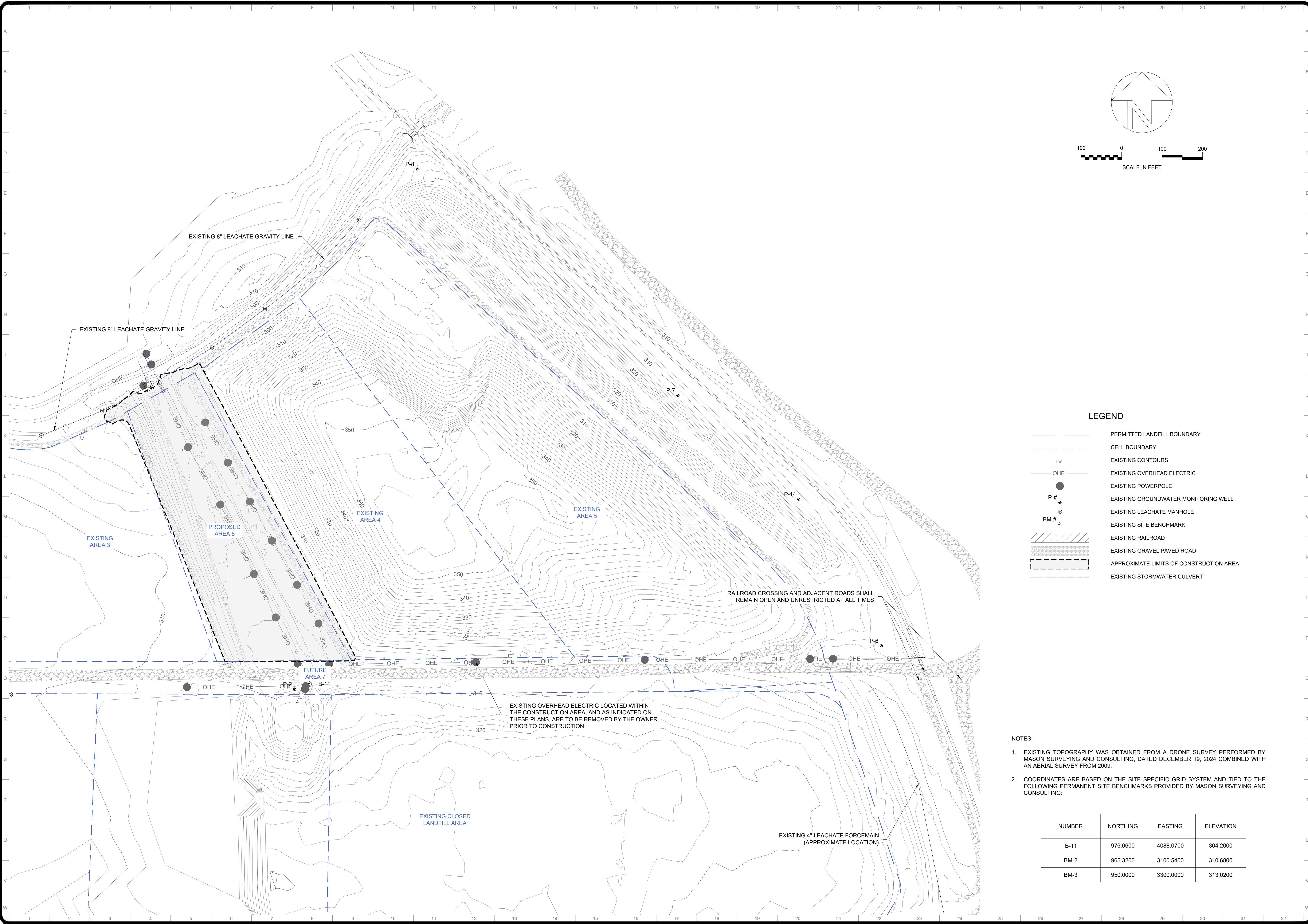
April 1, 2026

Date

FIGURES



Last Saved By: JONATHAN KIN Date: 11/14/2025 11:19 AM File Path: M:\PROJECTS-ACTIVE\250020-GREENBAYPACKAGING-CELL7-PLANS\DRAWINGS\02-EXISTING SITE CONDITIONS.DWG



LEGEND

- PERMITTED LANDFILL BOUNDARY
- CELL BOUNDARY
- EXISTING CONTOURS
- EXISTING OVERHEAD ELECTRIC
- EXISTING POWERPOLE
- EXISTING GROUNDWATER MONITORING WELL
- EXISTING LEACHATE MANHOLE
- EXISTING SITE BENCHMARK
- EXISTING RAILROAD
- EXISTING GRAVEL PAVED ROAD
- APPROXIMATE LIMITS OF CONSTRUCTION AREA
- EXISTING STORMWATER CULVERT

- NOTES:
- EXISTING TOPOGRAPHY WAS OBTAINED FROM A DRONE SURVEY PERFORMED BY MASON SURVEYING AND CONSULTING, DATED DECEMBER 19, 2024 COMBINED WITH AN AERIAL SURVEY FROM 2009.
 - COORDINATES ARE BASED ON THE SITE SPECIFIC GRID SYSTEM AND TIED TO THE FOLLOWING PERMANENT SITE BENCHMARKS PROVIDED BY MASON SURVEYING AND CONSULTING:

NUMBER	NORTHING	EASTING	ELEVATION
B-11	976.0600	4088.0700	304.2000
BM-2	965.3200	3100.5400	310.6800
BM-3	950.0000	3300.0000	313.0200

SITE LAYOUT MAP

CONSTRUCTION DRAWINGS FOR
AREA 6 AND RELATED WORK
GREEN BAY PACKAGING CLASS 3N LANDFILL
MORRILTON, ARKANSAS

Project No.: 250020
SHEET NUMBER

1

PREPARED BY:



PROMUS
ENGINEERING

WWW.PROMUSENGINEERING.COM

PREPARED FOR:



DESCRIPTION

APPR. BY

DES. BY

DATE

REV

APPENDIX A

DAILY FIELD REPORTS



DAILY FIELD REPORT

DFR Report No.: 250223-120325-01**Rev.:**2**Date of Field Activity:** 12-03-2025

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 132

Technician Time

Arrive Site: 8:00 am

Depart Site: 12:00 pm

Lunch: 0:00 hrs

On-site: 4:00 hrs

Travel: 2:30 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite:

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

Personnel Working: McConnell-6

Weather Conditions: AM: Overcast/Cloudy

PM: Overcast/Cloudy

Temperature Observations:

High 38

Low 28

Daily Summary of Activities: Arrived onsite to discuss the days activities with David Edwards from McConnell construction. McConnell was staging equipment and pipe throughout the morning. The existing leachate forcemain was traced east from P-2 to the proposed tie-in location using a hydro excavator.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Started installing the leachate forcemain.

DFR by: Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-120425-01

Rev.:2

Date of Field Activity: 12-04-2025

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 132

Technician Time

Arrive Site: 8:00 am

Depart Site: 3:00 pm

Lunch: 0:30 hrs

On-site: 6:30 hrs

Travel: 2:30 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite:

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

Personnel Working: McConnell-6

Weather Conditions: AM: Overcast/Cloudy

PM: Overcast/Cloudy

Temperature Observations:

High 39

Low 36

Daily Summary of Activities: Arrived onsite to discuss the day's activities with David Edwards from McConnell construction. McConnell excavated a trench to the east of Cell 5 from the existing manhole, northeast of Cell 5. Using a bore drill, a circular hole was drilled in the east side of the manhole. Once the hole was drilled, a Kor-N-Seal connector was installed, and the dual-contained leachate forcemain pipe was installed. Rock was used as a bedding layer for the pipe and to backfill around the connection on the manhole. Metallic tape was then placed in the trench, and the trench was backfilled with soil until the original grade was achieved.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue installing the leachate forcemain.

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King



DAILY FIELD REPORT

DFR Report No.: 250223-120525-01**Rev.:**2**Date of Field Activity:** 12-05-2025

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 132

Technician Time

Arrive Site: 9:00 am

Depart Site: 4:00 pm

Lunch: 0:30 hrs

On-site: 6:30 hrs

Travel: 2:30 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite:

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Personnel Working: McConnell-6

Weather Conditions: AM: Overcast/Cloudy

PM: Overcast/Cloudy

Temperature Observations:

High 43

Low 30

Daily Summary of Activities: Arrived onsite to discuss the day's activities with David Edwards from McConnell construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe to the east of Cell 5.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue welding pipe.

DFR by: Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-120825-01**Rev.:** 2**Date of Field Activity:** 12-08-2025**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 132**Technician Time****Arrive Site:** 8:00 am**Depart Site:** 5:00 pm**Lunch:** 0:30 hrs**On-site:** 8:30 hrs**Travel:** 2:00 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging, Mason Surveying**Daily Site Operations Notes****Equipment Operating:** CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K (2)

Volvo A25G (2)

Deere 210G

Personnel Working: McConnell-6 West logging-5 Mason Surveying-1**Weather Conditions:** AM: Overcast/Cloudy

PM: Overcast/Cloudy

Temperature Observations:

High 44

Low 37

Daily Summary of Activities: Arrived onsite and discuss the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe to the east of Cell 5. Johnny Mason with Mason Surveying was onsite to set up control points for the contractor. West Logging installed 2 levees along the northern section of Cell 6 to prevent construction stormwater from flowing into the perimeter stormwater channel. Using a Deere 700K dozer, West Logging also began stripping topsoil off of Cell 6 and stockpiling it to be transported to the soil stockpiles located to the south of the closed landfill.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue welding the dual contained pipe and continue stripping cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-120925-01**Rev.:**3**Date of Field Activity:** 12-09-2025**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 132**Technician Time**

Arrive Site: 9:00 am

Depart Site: 4:00 pm

Lunch: 1:00 hrs

On-site: 6:00 hrs

Travel: 2:00 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes**

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K (2)

Volvo A25G (2)

Deere 210G

Personnel Working: McConnell-6 West logging-5

Weather Conditions: AM:

PM:

Temperature Observations:

High 39

Low 37

Daily Summary of Activities: Arrived onsite and discuss the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe to the east of Cell 5. Using a John Deere 700K dozer, West Logging continued to strip topsoil off of Cell 6 and stockpiling it to be transported to the soil stockpiles located to the south of the closed landfill.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue install the leachate forcemain and continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King*Jonathan King*

DAILY FIELD REPORT

DFR Report No.: 250223-121025-01**Rev.:**2**Date of Field Activity:** 12-10-2025

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 132

Technician Time

Arrive Site: 9:00 am

Depart Site: 3:30 pm

Lunch: 0:30 hrs

On-site: 6:00 hrs

Travel: 2:00 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging, LCC

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5 LCC-5

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 62

Low 35

Daily Summary of Activities: Arrived onsite and discuss the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe, to the east of Cell 5. Using a Deere 750L dozer, West Logging continued stripping the topsoil off of Cell 6 and stockpiling it to be transported to the soil stockpiles located to the south of the closed landfill. LCC was onsite Hydro excavating a pipe that was discovered in the Cell 6 footprint.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue welding and installing 8" dual contained pipe. Continue stripping cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-121125-01**Rev.:**2**Date of Field Activity:** 12-11-2025

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 132

Technician Time

Arrive Site: 8:00 am

Depart Site: 5:00 pm

Lunch: 0:30 hrs

On-site: 8:30 hrs

Travel: 2:00 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 58

Low 36

Daily Summary of Activities: Arrived onsite and discuss the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe to the east of Cell 5. Using a Deere 750L dozer, West Logging continued stripping the topsoil off of Cell 6 and stockpiling it to be transported to the soil stockpiles located to the south of the closed landfill. McConnell installed the leachate forcemain cleanout according to the project plans.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue installing the forcemain. Continue excavating area 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-121225-01**Rev.:**2**Date of Field Activity:** 12-12-2025

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 132

Technician Time

Arrive Site: 8:00 am

Depart Site: 3:30 pm

Lunch: 1:00 hrs

On-site: 6:30 hrs

Travel: 2:00 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5

Weather Conditions: AM: Mostly Sunny

PM: Partly Cloudy

Temperature Observations:

High 64

Low 41

Daily Summary of Activities: Arrived onsite and discuss the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe to the east of Cell 5. Using a Deere 750L dozer, West Logging continued stripping the topsoil off of Cell 6 and stockpiling it to be transported to the soil stockpiles to the south of the closed landfill.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue installing forcemain. Continue stripping area 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-121525-01

Rev.:2

Date of Field Activity: 12-15-2025

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 132

Technician Time

Arrive Site: 9:30 am

Depart Site: 6:00 pm

Lunch: 1:00 hrs

On-site: 7:30 hrs

Travel: 2:00 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 44

Low 24

Daily Summary of Activities: Arrived onsite and discuss the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe to the east of Cell 5. Using a Deere 750L dozer, West Logging started the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling it to be transported to the soil stockpiles to the south of the closed landfill. McConnell also installed the road crossing for the leachate forcemain to the southeast of Cell 5. The road crossing consisted of gravel bedding/backfill, with a corrugated metal carrier pipe for the leachate forcemain. Above the gravel bedding, metallic caution tape was installed and then the rest of the trench was backfilled with soil. South of the road crossing, McConnell fabricated a 90 degree elbow in the leachate forcemain pipe, before transitioning from 4" x 8" dual-contained pipe to 3" single-walled pipe. McConnell then tied into the existing 3" leachate pipe coming from the southern lift station of the closed landfill.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue excavating cell 6. Finish backfilling and grading the leachate forcemain trench

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King

Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-121625-01**Rev.:**2**Date of Field Activity:** 12-16-2025**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 132**Technician Time****Arrive Site:** 8:30 am**Depart Site:** 2:00 pm**Lunch:** 0:30 hrs**On-site:** 5:00 hrs**Travel:** 2:00 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 57

Low 32

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe to the east of Cell 5. Using a Deere 750L dozer, West Logging started the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill. McConnell also installed the road crossing for the leachate forcemain to the southeast of Cell 5. The road crossing consisted of gravel bedding/backfill, with a corrugated metal carrier pipe for the leachate forcemain. Above the gravel bedding, metallic caution tape was installed and then the rest of the trench was backfilled with soil. South of the road crossing, McConnell fabricated a 90-degree elbow in the leachate forcemain pipe, before transitioning from 4" x 8" dual-contained pipe to 3" single-walled pipe. McConnell then tied into the existing 3" leachate pipe coming from the southern lift station of the closed landfill.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-122925-01**Rev.:**2**Date of Field Activity:** 12-29-2025**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 3:30 pm**Lunch:** 0:30 hrs**On-site:** 8:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5**Weather Conditions:** AM: Partly Cloudy

PM: Partly Cloudy

Temperature Observations:

High 39

Low 31

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained leachate forcemain pipe to the east of Cell 5. Using a Deere 750L dozer, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue excavating cell 6 and welding dual contained pipe.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-123025-01**Rev.:**2**Date of Field Activity:** 12-30-2025

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 4

Technician Time

Arrive Site: 8:00 am

Depart Site: 3:30 pm

Lunch: 0:30 hrs

On-site: 7:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Deere 700K

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5

Weather Conditions: AM:

PM:

Temperature Observations:

High 44

Low 27

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day fusion welding the dual-contained gravity line. Using a Deere 750L dozer, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Start excavating for the gravity line.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-010526-01**Rev.:**2**Date of Field Activity:** 01-05-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 7:00 am

Depart Site: 4:00 pm

Lunch: 0:30 hrs

On-site: 8:30 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5

Weather Conditions: AM: Overcast/Cloudy

PM: Overcast/Cloudy

Temperature Observations: High 60 Low 40

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day excavating around the northern lift station. After excavation, McConnell drilled into the existing lift station to install the proposed 10" x 6" leachate gravity line. Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Install the gravity line into the north lift station.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-010626-01**Rev.:**2**Date of Field Activity:** 01-06-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:30 am**Depart Site:** 4:00 pm**Lunch:** 0:30 hrs**On-site:** 8:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-6 West logging-5**Weather Conditions:** AM: Mostly Cloudy

PM: Mostly Cloudy

Temperature Observations:

High 65

Low 53

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day excavating around the north lift station. McConnell installed the proposed 10" x 6" leachate gravity line into the north lift station. The gravity line was installed using a kor-n-seal fitting and then grout was poured around the fitting and the outside of the connection.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

A concrete pad was formed and poured for the southern drop inlet.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue installing the gravity line in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-010926-01**Rev.:**2**Date of Field Activity:** 01-09-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:30 am**Depart Site:** 3:00 pm**Lunch:** 0:00 hrs**On-site:** 7:30 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Hamm HC1100 compactor

Personnel Working: McConnell-6 West logging-5**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 71

Low 60

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day backfilling and compacting the gravity line trench and the southern road crossing. A Hamm HC1100 smooth drum compactor was used to compact the road crossing in lifts. Once the trench was backfilled and compacted to grade, road base was installed where necessary. Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill. McConnell also excavated a small trench for the southern french drain installation. The french drain was constructed by placing geomembrane in the bottom of the trench, overlaying it with perforated 6" HDPE pipe and encasing the pipe with aggregate.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-011226-01**Rev.:**3**Date of Field Activity:** 01-12-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 3:30 pm**Lunch:** 0:30 hrs**On-site:** 8:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-9 West logging-5**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 57

Low 32

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day welding 6" leachate collection pipe stringers for future installation.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

McConnell started constructing the forms for the drop inlet walls.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-011326-01**Rev.:**2**Date of Field Activity:** 01-13-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 7:00 am

Depart Site: 3:30 pm

Lunch: 0:30 hrs

On-site: 8:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-9 West logging-5

Weather Conditions: AM: Clear

PM: Clear

Temperature Observations:

High 66

Low 37

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day welding 6" leachate collection pipe stringers for future installation.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

McConnell poured concrete for the southern drop inlet.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-011426-01**Rev.:**2**Date of Field Activity:** 01-14-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 7:30 am

Depart Site: 4:00 pm

Lunch: 0:30 hrs

On-site: 8:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging, Mason Surveying

Daily Site Operations Notes

Equipment Operating: CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Personnel Working: McConnell-9 West logging-5 Mason Surveying-1

Weather Conditions: AM: Partly Cloudy

PM: Partly Cloudy

Temperature Observations:

High 52

Low 40

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell spent the day welding 6" leachate collection pipe stringers for future installation.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

Johnny Mason was on site to survey the subgrade for the test pad.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue excavating cell 6. Start on test pad.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-011526-01**Rev.:** 4**Date of Field Activity:** 01-15-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 3:30 pm**Lunch:** 1:00 hrs**On-site:** 7:30 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Hamm HC100i

Personnel Working: McConnell-4 West logging-5**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 46

Low 31

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell began installing the first lift of the test pad in Cell 6. Construction of the test pad involved hauling clay material from a stockpile located in the southern portion of Cell 6 to the test pad site in the northwest corner of the cell using a Volvo A25G haul truck. After the material was offloaded, it was spread in a 6-inch lift with a Deere 750L dozer. The material was then wetted with a water truck and compacted using a smooth drum roller. Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill. Performed Nuclear density tests on the installed clay. Obtained 2 Shelby tube samples.

Sampling and Testing**Tests Performed:** Nuclear Moisture & Density**Samples Collected:** Undisturbed (ST)**Planned Activities:** Continue excavating cell 6. Continue installing clay for the test pad.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-011626-01**Rev.:**3**Date of Field Activity:** 01-16-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 4:30 pm**Lunch:** 0:30 hrs**On-site:** 9:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** CAT 315 excavator

CAT 320 excavator

McElroy 412 welding machine

Volvo A25G (2)

Deere 210G

Deere 750L

CAT 265 skid steer

Hamm HC100i

Personnel Working: McConnell-4 West logging-5**Weather Conditions:** AM: Overcast/Cloudy

PM: Overcast/Cloudy

Temperature Observations:

High 42

Low 35

Daily Summary of Activities: Arrived onsite and discussed the day's activities with David Edwards from McConnell Construction. McConnell installed the remaining 3 lifts of the test pad using the same means and methods previously described.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

Performed Nuclear density tests on the installed clay. Obtained 4 shelly tube samples.

Sampling and Testing**Tests Performed:** Nuclear Moisture & Density**Samples Collected:** Undisturbed (ST)**Planned Activities:** Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-011926-01

Rev.:2

Date of Field Activity: 01-19-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 50

Technician Time

Arrive Site: 8:00 am

Depart Site: 3:30 pm

Lunch: 0:30 hrs

On-site: 7:00 hrs

Travel: 1:30 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

CAT D4K

Personnel Working: McConnell-2 West logging-5

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 42

Low 25

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6. McConnell dressed up the top of the test pad using a CAT D4K dozer.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and stockpiling the excavated material to be transported to the soil stockpiles to the south of the closed landfill.

6 Shelby tubes were obtained from the test pad and shipped to the soils laboratory for testing.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue excavating cell 6.

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King



DAILY FIELD REPORT

DFR Report No.: 250223-012026-01

Rev.:2

Date of Field Activity: 01-20-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton

Mileage: 3

Technician Time

Arrive Site: 8:00 am

Depart Site: 5:00 pm

Lunch: 0:30 hrs

On-site: 8:30 hrs

Travel: 0:06 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging, Mason Surveying

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

CAT D4K

Personnel Working: McConnell-2 West logging-5 Mason Surveying-1

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 47

Low 24

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and loading the excavated material onto haul trucks to be transported to the soil stockpiles to the south of the closed landfill.

Mason Surveying was on site to verify top of clay elevations on the test pad.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue excavating cell 6.

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King



DAILY FIELD REPORT

DFR Report No.: 250223-012226-01

Rev.:3

Date of Field Activity: 01-22-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton

Mileage: 3

Technician Time

Arrive Site: 7:00 am

Depart Site: 11:00 am

Lunch: 0:00 hrs

On-site: 4:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

Hamm HC100

Personnel Working: McConnell-1 West logging-5

Weather Conditions: AM: Mostly Cloudy

PM: Mostly Cloudy

Temperature Observations:

High 46

Low 23

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and loading the excavated material onto haul trucks to be transported to the soil stockpiles to the south of the closed landfill.

West Logging smooth drummed the eastern part of cell 6 to prepare for upcoming rain event.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Prepare the cell for the major weather event.

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King



DAILY FIELD REPORT

DFR Report No.: 250223-012326-01**Rev.:**2**Date of Field Activity:** 01-23-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton

Mileage: 3

Technician Time

Arrive Site: 7:00 am

Depart Site: 11:00 am

Lunch: 0:00 hrs

On-site: 4:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

Hamm HC100

Personnel Working: McConnell-1 West logging-5

Weather Conditions: AM: Overcast/Cloudy

PM: Precipitation

Precip. Type: Rain

Precip.: .25

Temperature Observations:

High 61

Low 38

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6 and loading the excavated material onto haul trucks to be transported to the soil stockpiles to the south of the closed landfill.

West Logging smooth drummed the eastern part of cell 6 to prepare for upcoming rain event.

The day was short due to weather

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King*Jonathan King*

DAILY FIELD REPORT

DFR Report No.: 250223-020926-01**Rev.:** 2**Date of Field Activity:** 02-09-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton

Mileage: 3

Technician Time

Arrive Site: 7:30 am

Depart Site: 4:30 pm

Lunch: 1:00 hrs

On-site: 8:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

Personnel Working: McConnell-1 West logging-5

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 75

Low 34

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6. The excavated material was loaded onto haul trucks to be transported to the soil stockpiles to the south of the closed landfill. A Deere 750L dozer was used to dress up the area after excavation.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue excavating cell 6.

DFR by: Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-021026-01**Rev.:**3**Date of Field Activity:** 02-10-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 8:00 am

Depart Site: 4:31 pm

Lunch: 0:30 hrs

On-site: 8:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

CAT 320

Personnel Working: McConnell-3 West logging-4

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 73

Low 50

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

Using a Deere 210G excavator, West Logging continued the excavation to achieve top of subgrade elevations in Cell 6. The excavated material was loaded onto haul trucks to be transported to the soil stockpiles to the south of the closed landfill. A Deere 750L dozer was used to dress up the area after excavation. McConnell excavated around the southern drop inlet and installed rock on either side to help control sediment from entering the inlet.

Performed Nuclear density tests on the first lift of clay liner in the southwest section of cell 6.

Obtained 2 Shelby tube samples and shipped them to the soils laboratory for testing.

Sampling and Testing

Tests Performed: Nuclear Moisture & Density

Samples Collected: Undisturbed (ST)

Planned Activities: Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-021126-01**Rev.:** 2**Date of Field Activity:** 02-11-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:45 am**Depart Site:** 4:30 pm**Lunch:** 0:30 hrs**On-site:** 8:18 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** Volvo A25G (2)

Deere 210G

Deere 750L

CAT 320

CAT D4K

Personnel Working: McConnell-3 West logging-4**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 64

Low 42

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

Using a Deere 210G excavator, West Logging spent the day excavating the east tie-in to achieve top of subgrade elevations in Cell 6. The excavated material was loaded onto haul trucks to be transported to the active working face. A Deere 750L dozer was used to dress up the area after excavation.

McConnell excavated around the existing culvert under the southern road. Once the culvert was removed, the area was backfilled with soil and compacted.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King*Jonathan King*

DAILY FIELD REPORT

DFR Report No.: 250223-021226-01**Rev.:**2**Date of Field Activity:** 02-12-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 63**Technician Time****Arrive Site:** 7:45 am**Depart Site:** 3:00 pm**Lunch:** 0:30 hrs**On-site:** 6:48 hrs**Travel:** 1:30 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** Volvo A25G (2)

Deere 210G

Deere 750L

CAT 320

Personnel Working: McConnell-3 West logging-4**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 62

Low 32

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

Using a Deere 210G excavator, West Logging spent the day excavating the east tie-in to achieve top of subgrade elevations in Cell 6. The excavated material was loaded onto haul trucks to be transported to the active working face. A Deere 750L dozer was used to dress up the area after excavation.

McConnell installed hay bales around the southern drop inlet to help manage stormwater.

Performed nuclear density tests on the first lift of clay liner in the western section of cell 6. Obtained 2 shelby tube samples and shipped them to the soils laboratory for testing.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue excavating cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King*Jonathan King*

DAILY FIELD REPORT

DFR Report No.: 250223-021326-01**Rev.:**2**Date of Field Activity:** 02-13-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 8:00 am

Depart Site: 4:30 pm

Lunch: 0:30 hrs

On-site: 8:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

CAT 320

Personnel Working: McConnell-3 West logging-5

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 68

Low 36

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

Using a Deere 210G excavator, West Logging spent the day removing excess material throughout cell 6. The material was loaded onto haul trucks and transported to stockpiles located in the southern section of the closed landfill. A Deere 750L dozer was used to dress up the area after excavation.

McConnell used a CAT 320 excavator to dress up the west slope.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Start installing clay liner in the western half of cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-021626-01

Rev.:1

Date of Field Activity: 02-16-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 7:00 am

Depart Site: 10:00 am

Lunch: 0:00 hrs

On-site: 3:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

CAT 320

Personnel Working: McConnell-1 West logging-2

Weather Conditions: AM: Overcast/Cloudy

PM: Mostly Sunny

Temperature Observations:

High 67

Low 35

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging spent the day managing stormwater in cell 6.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue managing stormwater.

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King

Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-021726-01

Rev.:1

Date of Field Activity: 02-17-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 8:30 am

Depart Site: 9:30 am

Lunch: 0:00 hrs

On-site: 1:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Volvo A25G (2)

Deere 210G

Deere 750L

CAT 320

Personnel Working: McConnell-1 West logging-2

Weather Conditions: AM: Mostly Cloudy

PM: Mostly Cloudy

Temperature Observations:

High 66

Low 48

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging spent the day managing stormwater in cell 6.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue managing stormwater.

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King



DAILY FIELD REPORT

DFR Report No.: 250223-021826-01

Rev.:1

Date of Field Activity: 02-18-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 7:00 am

Depart Site: 9:00 am

Lunch: 0:00 hrs

On-site: 2:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: John Deere 6120M

Deere 750L

Personnel Working: McConnell-1 West logging-2

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 77

Low 54

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a John Deere 6120M tractor to pull a disk. The disk was used to help dry out the clay soils in cell 6.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Start installing clay liner in cell 6.

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King



DAILY FIELD REPORT

DFR Report No.: 250223-021926-01**Rev.:** 4**Date of Field Activity:** 02-19-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 6:00 pm**Lunch:** 0:30 hrs**On-site:** 10:30 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 246G

Deere 210G

Hamm 10I

CAT D4K

Personnel Working: McConnell-2 West logging-6**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 80

Low 51

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a John Deere 6120M tractor to pull a disk. The disk was used to help dry out the clay soils in cell 6. Using a Deere 245G excavator, West logging excavated the material from the east side of cell 6. The material was loaded onto haul trucks and transported to the west side of cell 6 to be used as clay liner. A Deere 750L was used to spread the material in an even 8" lift. The Hamm compactor was used to compact the material once in place.

McConnell used CAT D4K dozer to bench into the existing west slope for the 3rd lift.

Performed Nuclear density tests on the 2nd lift of clay liner. Obtained 1 bucket sample of clay liner and 2 shelby tube samples.

Obtained 2 protective cover samples and 1 aggregate sample from Lentz Sand and Gravel.

Sampling and Testing**Tests Performed:** Nuclear Moisture & Density**Samples Collected:** Undisturbed (ST); Bulk (bucket)**Planned Activities:** Continue installing clay liner in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-022026-01**Rev.:**2**Date of Field Activity:** 02-20-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 5:30 pm**Lunch:** 0:30 hrs**On-site:** 10:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging, Mason Surveying**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 246G

Deere 210G

Hamm HC 100i

CAT D4K

CAT 320

Water truck

18 wheeler haul trucks (3)

Personnel Working: McConnell-1 West logging-8, Mason Surveying-1**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 59

Low 37

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a John Deere 6120M tractor to pull a disk. The disk was used to help dry out the clay soils in cell 6. Using a Deere 245G excavator, West logging excavated the material from the east side of cell 6. The material was loaded onto haul trucks and transported to the west side of cell 6 to be used as clay liner. A Deere 750L was used to spread the material in an even 8" lift. The Hamm compactor was used to compact the material once in place. The Northern section of cell 6 was excavated down to subgrade and transported to a stockpile in the southern section of the closed landfill.

Performed Nuclear density tests on the 1st lift of clay liner. Obtained 2 shelly tube samples.

Obtained 2 protective cover samples and 1 aggregate sample from Lentz Sand and Gravel.

Shipped 4 bucket samples and shelly tubes.

Mason Surveying was onsite to survey the subgrade of cell 6.

Sampling and Testing**Tests Performed:** Nuclear Moisture & Density**Samples Collected:** Undisturbed (ST)**Planned Activities:** Continue installing clay liner in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-022126-01**Rev.:**3**Date of Field Activity:** 02-21-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 5:30 pm**Lunch:** 0:30 hrs**On-site:** 10:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 245G

Deere 210G

Hamm HC 100i

CAT D4K

Water truck

18 wheeler haul trucks (5)

Personnel Working: McConnell-1 West logging-10**Weather Conditions:** AM: Mostly Cloudy

PM: Mostly Cloudy

Temperature Observations:

High 59

Low 42

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a Deere 245G excavator to load haul trucks from a stockpile located in the southern section of the closed landfill. Once the trucks were loaded, the material was transported to cell 6. Once in cell 6, a Deere 750L was used to spread the material in an even 8" lift. A Hamm compactor was used to compact the material once it was installed. West logging used a Deere 210G excavator to clean up the east tie-in. The material from the east tie-in was loaded onto haul trucks and transported to the active working face.

Performed nuclear density tests on installed clay liner.

Obtained 2 shelby tube samples.

Sampling and Testing**Tests Performed:** Nuclear Moisture & Density**Samples Collected:** Undisturbed (ST)**Planned Activities:** Continue installing clay liner in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-022226-01**Rev.:**2**Date of Field Activity:** 02-22-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:30 am**Depart Site:** 3:30 pm**Lunch:** 0:30 hrs**On-site:** 7:30 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 245G

Deere 210G

Hamm HC 100i

CAT D4K

Water truck

18 wheeler haul trucks (3)

Personnel Working: McConnell- 0 West logging-10**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations: High 53

Low 33

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a Deere 245G and a Deere 210G excavator to load haul trucks from a stockpile located in the southern section of the closed landfill. Once the trucks were loaded, the material was transported to cell 6. Once in cell 6, a Deere 750L was used to spread the material in an even 8" lift. A Hamm compactor was used to compact the material after it was installed.

Performed nuclear density tests on installed clay liner.

Obtained 6 shelby tube samples.

Sampling and Testing**Tests Performed:** Nuclear Moisture & Density**Samples Collected:** Undisturbed (ST)**Planned Activities:** Continue installing clay liner in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-022326-01**Rev.:**2**Date of Field Activity:** 02-23-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 53**Technician Time****Arrive Site:** 7:45 am**Depart Site:** 5:45 pm**Lunch:** 0:30 hrs**On-site:** 9:30 hrs**Travel:** 1:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 245G

Deere 210G

Hamm HC 100i

CAT D4K

Water truck

18 wheeler haul trucks (4)

Personnel Working: McConnell- 1 West logging-10**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations: High 50

Low 30

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a Deere 245G and a Deere 210G excavator to load haul trucks from a stockpile located in the southern section of the closed landfill. Once the trucks were loaded, the material was transported to cell 6. Once in cell 6, a Deere 750L was used to spread the material in an even 8" lift. A Hamm compactor was used to compact the material after it was installed.

Performed nuclear density tests.

Obtained 2 shelby tube and 1 bucket sample.

Samples were shipped to the lab for testing.

Sampling and Testing**Tests Performed:** Nuclear Moisture & Density**Samples Collected:** Undisturbed (ST); Bulk (bucket)**Planned Activities:** Continue installing clay liner in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-022426-01**Rev.:**3**Date of Field Activity:** 02-24-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 6:00 pm**Lunch:** 0:30 hrs**On-site:** 10:30 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 245G

Deere 210G

Hamm HC 100i

CAT D4K

Water truck

18 wheeler haul trucks (4)

Deere 672GP

Personnel Working: McConnell- 1 West logging-10**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations: High 64

Low 30

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a Deere 245G and a Deere 210G excavator to load haul trucks from a stockpile located in the southern section of the closed landfill. Once the trucks were loaded, the material was transported to cell 6. Once in cell 6, a Deere 750L and a CAT D4K were used to spread the material in an even 8" lift. A Hamm compactor was used to compact the material after it was installed. A Deere 672GP grader was used to help spread the material. McConnell used a CAT 320 excavator to install clay on the north slope.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue installing clay liner in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-022526-01**Rev.:**2**Date of Field Activity:** 02-25-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 5:30 pm**Lunch:** 0:30 hrs**On-site:** 10:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 245G

Deere 210G

Hamm HC 100i

CAT D4K

Water truck

18 wheeler haul trucks (3)

Deere 672GP

Personnel Working: McConnell- 1 West logging-10**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 71

Low 42

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a Deere 245G and a Deere 210G excavator to load haul trucks from a stockpile located in the southern section of the closed landfill. Once the trucks were loaded, the material was transported to cell 6. Once in cell 6, a Deere 750L and a CAT D4K were used to spread the material in an even 8" lift. A Hamm compactor was used to compact the material after it was installed. A Deere 672GP grader was used to help spread the material. McConnell used a CAT 320 excavator to dig the LCS corridor below subgrade.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue installing clay liner in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-022626-01**Rev.:**2**Date of Field Activity:** 02-26-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 6:30 pm**Lunch:** 0:30 hrs**On-site:** 11:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging, Mason surveying**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 245G

Deere 210G

Hamm HC 100i

CAT D4K

Water truck

18 wheeler haul trucks (3)

Deere 672GP

Personnel Working: McConnell- 1 West logging-10 Mason surveying-1**Weather Conditions:** AM: Partly Cloudy

PM: Mostly Sunny

Temperature Observations:

High 65

Low 51

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a Deere 245G and a Deere 210G excavator to load haul trucks from a stockpile located in the southern section of the closed landfill. Once the trucks were loaded, the material was transported to cell 6. Once in cell 6, a Deere 750L and a CAT D4K were used to spread the material in an even 8" lift. A Hamm compactor was used to compact the material after it was installed. A Deere 672GP grader was used to help spread the material. A water truck was used to hydrate the material as it was being installed.

A Deere 245G was used to clean up the east tie-in. The material was loaded onto a Volvo A25G haul truck and transported to the active working face.

Johnny Mason was onsite to survey the subgrade of leachate collection trench

Performed nuclear density tests.

Sampling and Testing**Tests Performed:** Nuclear Moisture & Density**Samples Collected:****Planned Activities:** Finish installing clay in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-022726-01**Rev.:**2**Date of Field Activity:** 02-27-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 63

Technician Time

Arrive Site: 7:00 am

Depart Site: 5:00 pm

Lunch: 0:30 hrs

On-site: 9:30 hrs

Travel: 1:30 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging, Mason surveying

Daily Site Operations Notes

Equipment Operating: John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 245G

Deere 210G

Hamm HC 100i

CAT D4K

Water truck

18 wheeler haul trucks (3)

Deere 672GP

Personnel Working: McConnell- 1 West logging-10

Weather Conditions: AM: Mostly Cloudy

PM: Mostly Sunny

Temperature Observations:

High 62

Low 44

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a Deere 245G and a Deere 210G excavator to load haul trucks from a stockpile located in the southern section of the closed landfill. Once the trucks were loaded, the material was transported to cell 6. Once in cell 6, A CAT D4K were used to spread the material in an even 8" lift. A Hamm compactor was used to compact the material after it was installed. A Deere 672GP grader was used to help spread the material. A water truck was used to hydrate the material as it was being installed.

A Deere 750L was used to install clay on the north and west slopes of cell 6. Once to clay was installed, it was final graded.

Performed nuclear density tests.

Obtained 1 bucket sample of the clay and 4 shelby tube samples.

Sampling and Testing

Tests Performed: Nuclear Moisture & Density

Samples Collected: Undisturbed (ST); Bulk (bucket)

Planned Activities: Finish the final grading of cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-030226-01**Rev.:**2**Date of Field Activity:** 03-02-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 5:30 pm**Lunch:** 0:30 hrs**On-site:** 10:00 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** John Deere 6120M

Deere 750L

Volvo A25G(2)

Deere 245G

Deere 210G

Hamm HC 100i

CAT D4K

Water truck

18 wheeler haul trucks (3)

Deere 672GP

CAT 309

CAT 265 skidsteer

Personnel Working: McConnell- 3 West logging-5**Weather Conditions:** AM: Mostly Cloudy

PM: Mostly Sunny

Temperature Observations: High 70

Low 49

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging used a Deere 750L and a CAT D4K to final grade the slopes of cell 6. A water truck was used to water the cell.

McConnell used a CAT 309 excavator to start excavating the leachate collection trench in cell 6. Once the material was excavated, a CAT 265 skid steer was used to transport the material outside the limits of the cell.

Performed nuclear density tests on the north, south and west slopes.

Problems Noted: Material in the cell was drying out.**Problem Resolution:** Water the cell to keep the material hydrated.**Sampling and Testing****Tests Performed:** Nuclear Moisture & Density**Samples Collected:****Planned Activities:** Continue excavating the leachate collection trench.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-030326-01**Rev.:**2**Date of Field Activity:** 03-03-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:00 am**Depart Site:** 4:00 pm**Lunch:** 0:30 hrs**On-site:** 8:30 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging, Mason surveying**Daily Site Operations Notes****Equipment Operating:** Deere 750L

CAT 320

CAT D4K

Water truck

CAT 309

CAT 265 skidsteer

Personnel Working: McConnell- 3 West logging-2, Mason surveying-1**Weather Conditions:** AM: Mostly Cloudy

PM: Mostly Cloudy

Temperature Observations:

High 79

Low 49

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West logging moisture conditioned the cell.

McConnell excavated the leachate collection trench. The excavated material was removed from the cell using a CAT 265 skid steer. Using a CAT 320,

McConnell removed the excess material from cell 6.

Mason surveying was onsite to survey the top of clay.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue installing the leachate collection system.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-030426-01**Rev.:**2**Date of Field Activity:** 03-04-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 7:00 am

Depart Site: 5:30 pm

Lunch: 0:30 hrs

On-site: 10:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging, Arkansas liner

Daily Site Operations Notes

Equipment Operating: Deere 750L

CAT 320

CAT D4K

Water truck

CAT 309

CAT 265 skidsteer

Personnel Working: McConnell- 6 West logging-0 Arkansas liner-5

Weather Conditions: AM: Mostly Cloudy

PM: Mostly Cloudy

Temperature Observations:

High 76

Low 61

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell

McConnell cleaned up the LCS trench before the liner was installed.

Arkansas liner installed the 60-mil geomembrane in the LCS trench, the cross seams were extrusion welded together. In the north where the 6" collection pipe penetrates the slope, the 60-mil membrane was welded to the collection pipe.

The 10-oz geotextile was installed in the collection trench. Once the textile was installed, the collection pipe was installed.

Using 2 skid steers, McConnell installed rock on top of the collection pipe. Once the rock was in place, the textile was folded over and leistered.

Obtained 1 bucket sample of the LCS aggregate and 1 geotextile sample.

Sampling and Testing

Tests Performed:

Samples Collected: Bulk (bucket); Other

Planned Activities: Continue installing rock in the LCS.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-030526-01**Rev.:**2**Date of Field Activity:** 03-05-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 69

Technician Time

Arrive Site: 7:15 am

Depart Site: 4:00 pm

Lunch: 0:30 hrs

On-site: 8:18 hrs

Travel: 1:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging, Arkansas liner

Daily Site Operations Notes

Equipment Operating: Deere 750L

CAT 320

CAT D4k

CAT 309

CAT 265 skidsteer

Wacker Neuson RTSC3

Personnel Working: McConnell- 6 West logging-0 Arkansas liner-1

Weather Conditions: AM: Mostly Cloudy

PM: Mostly Cloudy

Temperature Observations:

High 78

Low 61

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell

Using 2 skid steers, McConnell installed rock on top of the collection pipe. Once the rock was in place, the textile was folded over and leistered.

Once the LCS was completed, McConnell started back filling and compacting the north berm. McConnell hauled material from a stockpile south of the closed landfill. The material was transported to the north road. A CAT 320 was used to install the material. A remote operated compactor was used to compact the material in lifts.

Shipped 1 bucket sample and 1 geotextile sample.

0304A, 0304B

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Clean up the slopes, and start installing protective cover.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-031626-01**Rev.:**2**Date of Field Activity:** 03-16-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 53**Technician Time****Arrive Site:** 7:45 am**Depart Site:** 5:00 pm**Lunch:** 0:30 hrs**On-site:** 8:48 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** Deere 750L

CA5 D4K

Peterbilt haul trucks (3)

Personnel Working: McConnell- 1 West logging-4**Weather Conditions:** AM: Partly Cloudy

PM: Partly Cloudy

Temperature Observations:

High 43

Low 34

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West Logging started transporting sand (protective cover material) to cell 6.

Once the sand was transported to stockpiles outside the limits of cell 6, a Deere 750L was used to spread the sand in an even 6" lift.

McConnell was onsite installing concrete forms for the north lift station pad repair.

Obtained 1 bucket sample of the protective cover material (0316A)

Shipped 1 bucket sample to the lab for testing.

Sampling and Testing**Tests Performed:****Samples Collected:** Bulk (bucket)**Planned Activities:** Continue installing protective cover in cell 6.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King*Jonathan King*

DAILY FIELD REPORT

DFR Report No.: 250223-031726-01**Rev.:**2**Date of Field Activity:** 03-17-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 8:00 am

Depart Site: 5:00 pm

Lunch: 0:30 hrs

On-site: 8:30 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Deere 750L

CA5 D4K

Peterbilt haul trucks (3)

Personnel Working: McConnell- 3 West logging-4

Weather Conditions: AM: Partly Cloudy

PM: Partly Cloudy

Temperature Observations:

High 53

Low 32

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West Logging started transporting sand (protective cover material) to cell 6.

Once the sand was transported to stockpiles outside the limits of cell 6, a Deere 750L was used to spread the sand in an even 6" lift.

McConnell was onsite installing concrete forms for the north lift station pad repair.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue installing protective cover.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-031826-01**Rev.:**2**Date of Field Activity:** 03-18-2026**Lead Technician:** Ryan Wallen**Other Technician(s):****Technician Equipment On-site:** Truck, 1/2 Ton; Nuclear Density Gauge**Mileage:** 3**Technician Time****Arrive Site:** 7:45 am**Depart Site:** 5:00 pm**Lunch:** 0:30 hrs**On-site:** 8:48 hrs**Travel:** 0:06 hrs**Other:** hrs**Project Information****Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA**Client:** Green Bay Packaging, Inc. - Arkansas Kraft Division**General Contractor:** McConnell construction**Rep.:** David Edwards**Other Subcontractors Onsite:** West Logging**Daily Site Operations Notes****Equipment Operating:** Deere 750L

CA5 D4K

Peterbilt haul trucks (3)

Personnel Working: McConnell- 3 West logging-4**Weather Conditions:** AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 70

Low 44

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West Logging started transporting sand (protective cover material) to cell 6.

Once the sand was transported to stockpiles outside the limits of cell 6, a Deere 750L was used to spread the sand in an even 6" lift.

McConnell was onsite installing concrete forms for the north lift station pad repair.

Sampling and Testing**Tests Performed:****Samples Collected:****Planned Activities:** Continue installing protective cover.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King*Jonathan King*

DAILY FIELD REPORT

DFR Report No.: 250223-031926-01**Rev.:**2**Date of Field Activity:** 03-19-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 7:45 am

Depart Site: 4:15 pm

Lunch: 0:30 hrs

On-site: 8:00 hrs

Travel: 0:06 hrs

Other: hrs

Project Information**Promus Project No.:** 250223**Project:** Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Deere 750L

CA5 D4K

Peterbilt haul trucks (3)

Concrete truck

Personnel Working: McConnell- 3 West logging-4

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 83

Low 43

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

West Logging started transporting sand (protective cover material) to cell 6.

Once the sand was transported to stockpiles outside the limits of cell 6, a Deere 750L was used to spread the sand in a even 6" lift.

McConnell was onsite installing the concrete pad around the north lift station.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Continue installing protective cover.**DFR by:** Ryan Wallen**DFR Review/Approval by:** Jonathan King

DAILY FIELD REPORT

DFR Report No.: 250223-032026-01

Rev.:2

Date of Field Activity: 03-20-2026

Lead Technician: Ryan Wallen

Other Technician(s):

Technician Equipment On-site: Truck, 1/2 Ton; Nuclear Density Gauge

Mileage: 3

Technician Time

Arrive Site: 8:00 am

Depart Site: 4:00 pm

Lunch: 0:30 hrs

On-site: 7:30 hrs

Travel: 0:06 hrs

Other: hrs

Project Information

Promus Project No.: 250223

Project: Green Bay Packaging Cell 6 CQA

Client: Green Bay Packaging, Inc. - Arkansas Kraft Division

General Contractor: McConnell construction

Rep.: David Edwards

Other Subcontractors Onsite: West Logging

Daily Site Operations Notes

Equipment Operating: Deere 750L

CA5 D4K

Peterbilt haul trucks (3)

Concrete truck

Personnel Working: McConnell- 2 West logging-1

Weather Conditions: AM: Mostly Sunny

PM: Mostly Sunny

Temperature Observations:

High 88

Low 51

Daily Summary of Activities: Arrived onsite to observe and report the activities being performed in cell 6.

A Deere 750L was used to final grade the protective cover in cell 6.

Sampling and Testing

Tests Performed:

Samples Collected:

Planned Activities: Start working on the south road improvements

DFR by: Ryan Wallen

DFR Review/Approval by: Jonathan King



APPENDIX B

PHOTOGRAPHIC RECORD



PHOTOGRAPHIC RECORD OF CONSTRUCTION



Photo No. 1

Utilizing a dozer, excavator, and haul trucks to excavate cell construction area. Soil was hauled to a stockpile south of the existing closed landfill.

Photo No. 2
Utilizing a dozer, excavator, and haul trucks to excavate cell construction area. Soil was hauled to a stockpile south of the existing closed landfill.



Photo No. 3

Installation of the 10" x 6" HDPE leachate gravity line underneath the cell construction area. Gravity line connects the existing closed landfill to the northern lift station.

PHOTOGRAPHIC RECORD OF CONSTRUCTION



Photo No. 4

Installation of the 8" x 4" HDPE leachate forcemain on the east side of Cell 5.

Photo No. 5
Installation of the 8" x 4" HDPE leachate forcemain and the leachate cleanout on the east side of Cell 5.



Photo No. 6

Completed HDPE leachate forcemain cleanout.

PHOTOGRAPHIC RECORD OF CONSTRUCTION



Photo No. 7

Excavation of the test pad construction area.

Photo No. 8
Preparing subgrade surface for the
construction of the test pad.



Photo No. 9

Test pad clay liner placement. Clay consisted of four lifts of 6-inch compacted clay. Clay liner was hauled from the southern stockpile or from the excavation area. Dozers fitted with GPS grade control were used to spread lifts and fine grade.

PHOTOGRAPHIC RECORD OF CONSTRUCTION



Photo No. 10

Clay liner was moisture conditioned using a water truck and compacted using a smooth drum roller.

Photo No. 11
Completed clay liner for the test pad.



Photo No. 12

Continued excavation of the cell construction area.

PHOTOGRAPHIC RECORD OF CONSTRUCTION



Photo No. 13

Clay liner placement. Clay consisted of three lifts of 8-inch compacted clay. Clay liner was hauled from the southern stockpile or from the excavation area. Dozers fitted with GPS grade control were used to spread lifts and fine grade.

Photo No. 14
Grading and compacting the clay liner.



Photo No. 15

Grading the compacted clay liner.

PHOTOGRAPHIC RECORD OF CONSTRUCTION



Photo No. 16

Excavation of the leachate collection system corridor.



Photo No. 17

Installation of the leachate collection system corridor.



Photo No. 18

Completion of the clay liner and leachate collection corridor.

PHOTOGRAPHIC RECORD OF CONSTRUCTION



Photo No. 19

Fine grading the protective cover sand with a dozer equipped with GPS.

Photo No. 20
Completion of the protective cover.



Photo No. 21

Replacing the concrete around the northern lift station.

APPENDIX C

COMPACTED SOIL LINER



TABLE C-1

Green Bay Packaging Cell 6 CQA

Laboratory Test Data - Compacted Soil Liner Preconstruction Testing

Sample ID	Atterberg Limits			Grain Size % Passing			USCS Classification	Proctor Data		Remolded Perm. (k) (cm/sec)	Remarks
	LL	PL	PI	1-inch	No. 4	No. 200		$\gamma_d(\text{max})$ (pcf)	w_{opt} (%)		
1118A	99	34	65	100.0	99.9	95.6	CH	87.0	31.8	3.7E-08	Pre-construction Sample
1118B	67	25	42	100.0	100.0	98.9	CH	95.8	25.5	4.8E-08	Pre-construction Sample

Statistical Summary

Minimum	67	25	42	100	100	95.6	-	87.0	25.5	3.7E-08		
Maximum	99	34	65	100	100	98.9	-	95.8	31.8	4.8E-08		
Average	83	30	54	100	100	97.3	-	91.4	28.7	4.2E-08	(1)	
Standard Deviation	22.6	6.4	16.3	0.0	0.1	2.3	-	6.2	4.5	N/A		
Requirements	-	-	≥ 10	100	≥ 80	≥ 30	CL, CH, or SC	-	-	$\leq 1.0\text{E-}7$		
Number of Tests	2			2			2	2		2		
Required Precon. Test Frequency	1/20,000 CY			1/20,000 CY			1/20,000 CY	1/20,000 CY		1/20,000 CY		
Test Frequency	1/7,320 CY			1/7,320 CY			1/7,320 CY	1/7,320 CY		1/7,320 CY		

Notes:

(1) Geometric mean.

(2) Test frequency based on 14,640 CY of CSL for the project

TABLE C-2

Green Bay Packaging Cell 6 CQA

Laboratory Test Data - Compacted Soil Liner

Sample ID	Atterberg Limits			Grain Size % Passing			USCS Classification	Proctor Data		Permeability (k) (cm/sec)	Remarks
	LL	PL	PI	1-inch	No. 4	No. 200		$\gamma_{d(max)}$ (pcf)	W_{opt} (%)		
0219A	99	34	65	100.0	100.0	97.9	CH	86.8	31.0	2.6E-08	Construction Sample
0223A	76	29	47	100.0	100.0	98.4	CH	94.1	25.6	5.5E-08	Construction Sample
0227A	79	30	49	100.0	100.0	98.1	CH	90.1	24.8	5.3E-09	Construction Sample
0115A										5.2E-09	Test Pad Lift 1, Perm 1 ⁽³⁾
0115B										5.2E-09	Test Pad Lift 2, Perm 1 ⁽³⁾
0116A										5.6E-09	Test Pad Lift 3, Perm 1 ⁽³⁾
0116B										4.9E-09	Test Pad Lift 3, Perm 2 ⁽³⁾
0116C										6.5E-09	Test Pad Lift 4, Perm 1 ⁽³⁾
0116D										1.1E-08	Test Pad Lift 4, Perm 2 ⁽³⁾
0210A										4.5E-08	Lift 1, Perm 1
0210B										4.9E-09	Lift 1, Perm 2
0212A										4.9E-09	Lift 1, Perm 3
0212B										4.6E-09	Lift 1, Perm 4
0219B										4.8E-09	Lift 2, Perm 1
0219C										4.4E-09	Lift 2, Perm 2
0220A										5.3E-09	Lift 1, Perm 5
0220B										4.7E-09	Lift 1, Perm 6
0221A										4.2E-08	Lift 1, Perm 7
0221B										4.6E-09	Lift 1, Perm 8
0222A										5.2E-09	Lift 2, Perm 3
0222B										5.0E-09	Lift 2, Perm 4
0222C										9.9E-09	Lift 2, Perm 5
0222D										4.8E-09	Lift 2, Perm 6
0222E										5.2E-09	Lift 2, Perm 7
0222F										4.5E-09	Lift 2, Perm 8
0223B										1.3E-08	Lift 3, Perm 1
0223C										5.0E-09	Lift 3, Perm 2
0227B										5.0E-09	Lift 3, Perm 3
0227C										1.0E-08	Lift 3, Perm 4
0227D										4.6E-09	Lift 3, Perm 5
0227E										1.7E-08	Lift 3, Perm 6

TABLE C-2

Green Bay Packaging Cell 6 CQA

Laboratory Test Data - Compacted Soil Liner

Sample ID	Atterberg Limits			Grain Size % Passing			USCS Classification	Proctor Data		Permeability (k) (cm/sec)	Remarks
	LL	PL	PI	1-inch	No. 4	No. 200		$\gamma_{d(max)}$ (pcf)	w_{opt} (%)		

Statistical Summary

Minimum	76	29	47	100	100	97.9	-	86.8	24.8	4.4E-09
Maximum	99	34	65	100	100	98.4	-	94.1	31.0	5.5E-08
Average	85	31	54	100	100	98	-	90.3	27.1	7.3E-09 ⁽²⁾
Standard Deviation	13	2.6	9.9	0.0	0.0	0.3	-	3.7	3.4	N/A
Requirements	-	-	≥ 10	100	≥ 80	≥ 30	CL, CH, or SC	-	-	≤ 1.0E-7
Number of Tests ⁽³⁾	3			3			3	3		25
Required Frequency	1/5,000 CY			1/5,000 CY			1/5,000 CY	1/5,000 CY		1/40,000 SF/Lift
Test Frequency ⁽¹⁾	1/4,880 CY			1/4,880 CY			1/4,880 CY	1/4,880 CY		1/28,002 SF/Lift ⁽⁴⁾

Notes:

(1) Actual test frequencies are approximate and based on 4.5 acres with 14,640 CY of CSL placed in 3 lifts across the 4.5-acre cell.

(2) Geometric mean.

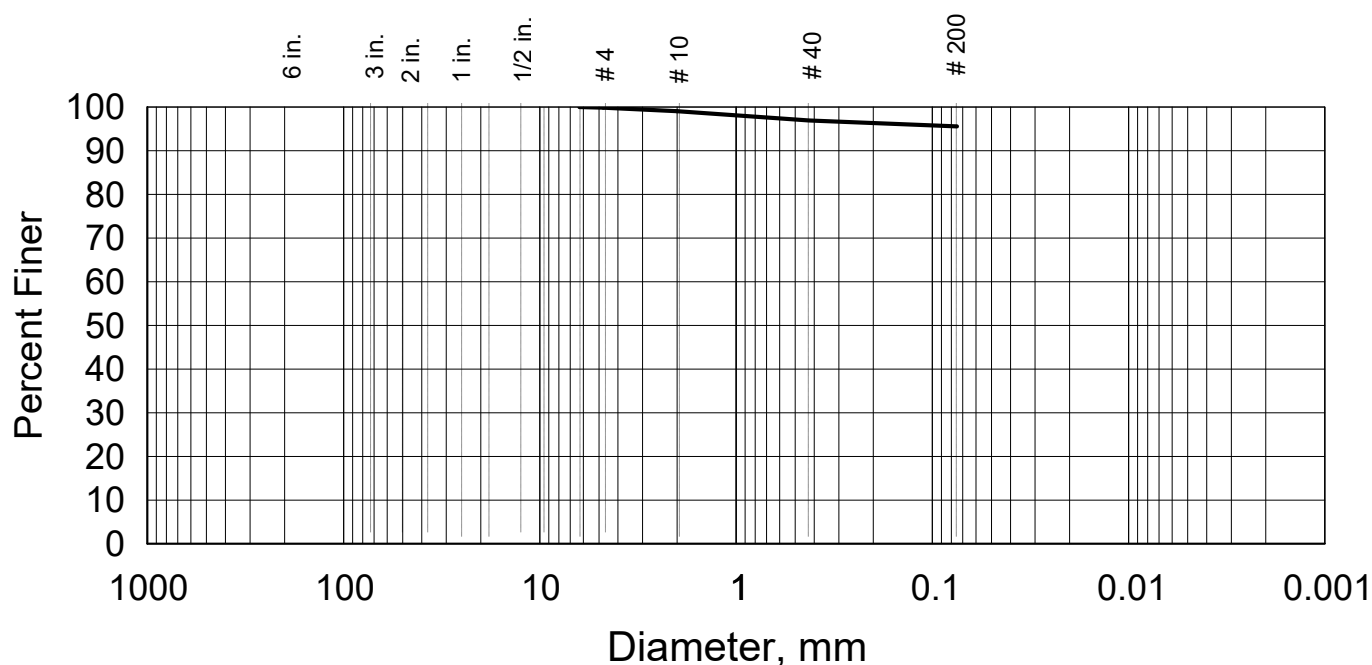
(3) Undisturbed samples taken from the test pad were not included in the total number of tests for Cell 6

(4) Based on an average of 7 undisturbed samples taken per lift.

Laboratory Testing Compacted Soil Liner



Particle Distribution Test Result



Grain-size Analysis ASTM D6913/D1140

Proj. Name: Green Bay, Cell 6		Gravel, %	Sand, %	Silt, %	Clay, %	LL	PI
Project No.: 2544		0.1	4.3			99	65
Report Date 12.10.2025 Log-in Date 11.25.2025		Description and Classification					
Project Loc. Arkansas		Red/Brown CH, fat clay,					
		Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "		2.5 "		3/8 "	
1118 A	Bulk Sample	5 "		2 "		1/4 "	100.0
Remarks: NMC, % 30.4		4.5 "		1- 1/2 "		# 4	99.9
Moist Method, ASTM D6913 - D1140	Bulk Sample wt., kg	4 "		1 "		# 10	99.0
		3.5 "		3/4 "		# 40	96.9
		3 "		1/2 "		# 200	95.6

Sedimentation ASTM D7928

Hygroscopic Moisture Content Data		Hydrometer Specimen Wet wt.		Traceability Items	
WS+t	0.00	Hydrometer Specimen Dry wt.		Balance ID	1 2
DS+T	0.00	Assumed Gs		Therm ID	58981 NA
Tare wt	0.00	Percent <#40 based on complete specimen		Flask ID	1 NA
Moist Ratio	ERR	Calculated biased weight		Bulb ID	1 152H
		Composite Correction at 20 deg C		Sol Mix, ml	125 NA
		Meniscus Correction only		Tested By	JMB BMG

Hydrometer Reading Data			Temp.	Corrected			Effective	Diameter, mm	Percent
Time, min.	Readings	Temp.	Correction, Ct	Reading, Rc	K	Rm	depth		finer
2	0	0		-6		1	16.13	0.0000	
5	0	0		-6		1	16.13	0.0000	
15	0	0		-6		1	16.13	0.0000	
30	0	0		-6		1	16.13	0.0000	
60	0	0		-6		1	16.13	0.0000	
240	0	0		-6		1	16.13	0.0000	
600	0	0		-6		1	16.13	0.0000	

Results of Falling Head Permeability, ASTM D5084 Recompacted Specimen

Project Number:	2544	Specimen Received Date:	11.25.2025	Test Date:	12.08.2025
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	12.04.2025	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	1118 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

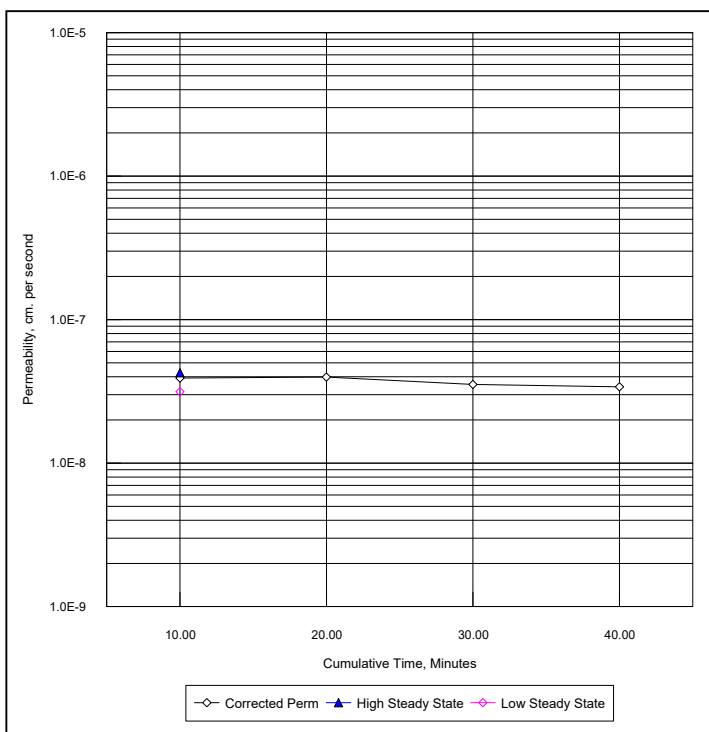
Special Selection or Preparation if Any: Recompacted Specimen	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	31.8	37.5	Maximum Dry Density, pcf	87.0	82.7	0.0
Percent Saturation	81.3	95.5	Optimum Moisture Content, (%)	31.8	31.8	0.0
Wet Mass Density, (pcf)	109.0	113.4	Percent Compacted:	95.0	95.0	0.0
Dry Mass Density, (pcf)	82.7	82.5				
Height of Solids, (in)	1.444	1.445	Test Pressures During Test			
Void Ratio	1.077	1.082	Backpressure, psi	50		
Calculated Porosity, (%)	51.86	51.96	Effective Confining Stress, psi	5		

Specimen Dimensions		Initial	Final
Specimen Height, cm		7.62	7.64
Specimen Diameter, cm		10.16	10.16
Specimen Area, cm^2		81.06	81.02
Specimen Mass		Initial	Final
Initial Wet Mass, gms		1078	1124.9
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	4
Balance ID	3	CV Hg ID	1
Thermo ID	2		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.0940
Test Constant, C=(M1*S/G)			0.000226

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	4.1E-008
	3.9E-008
	4.2E-008
	4.0E-008
	3.7E-008
	3.5E-008
	3.6E-008
	3.4E-008

Average Permeability, Corrected k:	3.7E-008
15% of Average	5.6E-009
High Steady State Limit:	4.3E-008
Low Steady State Limit:	3.2E-008



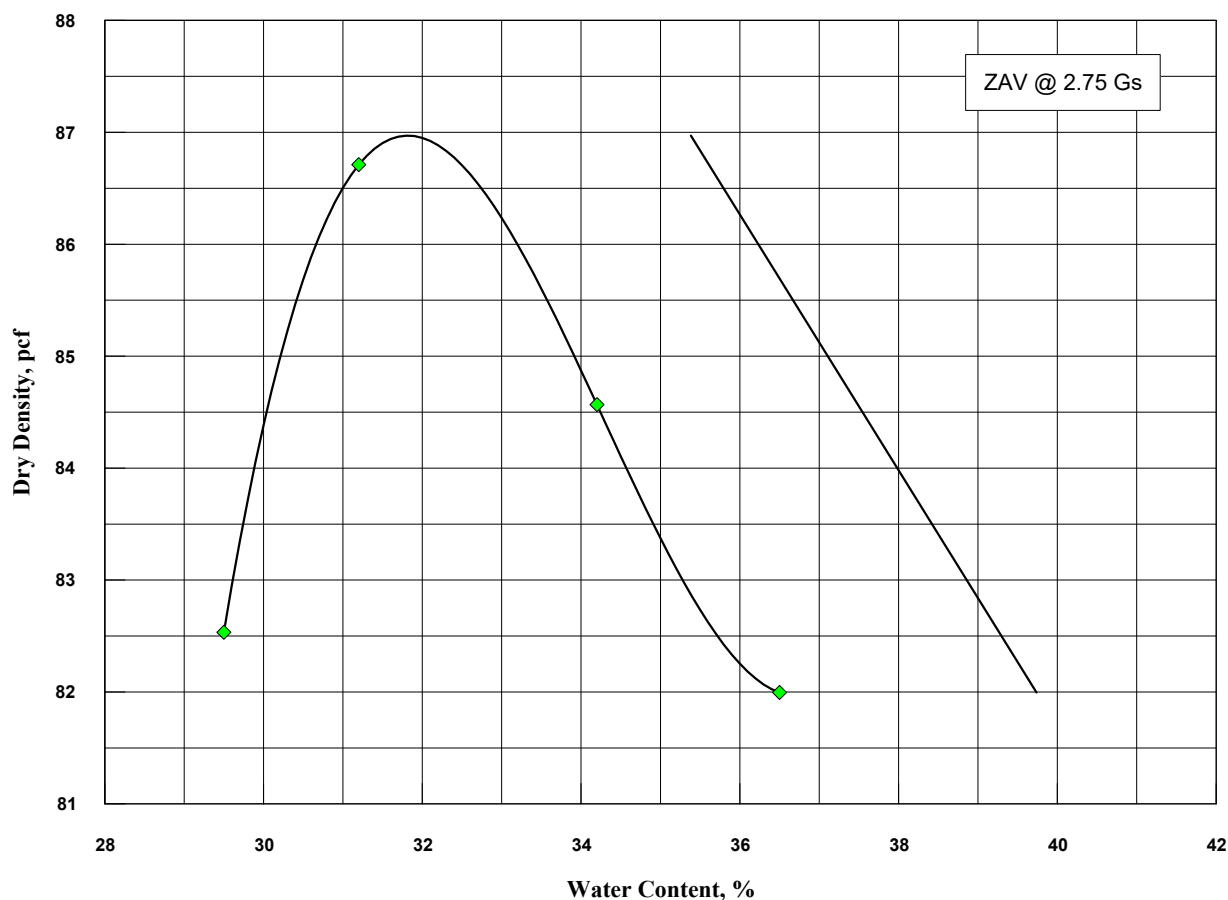
Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
12.08.2025	12.0000	0	1.400	12.500	19.753			0.094	22
12.08.2025	12.1667	600	1.445	11.400	17.715	1.000	1.100	0.105	22
12.08.2025	12.3333	600	1.486	10.400	15.863	1.000	1.000	0.117	22
12.08.2025	12.5000	600	1.519	9.600	14.381	1.000	0.800	0.129	22
12.08.2025	12.6667	600	1.547	8.900	13.084	1.000	0.700	0.142	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	16.86
Unmeasured Flow, cm:	4.36

Remarks: $k = C/t \ln [1-(Zout T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Laboratory Compaction Test

ASTM D698, Standard Compaction Test, Mechanical Rammer Method B, Moist Method



Report Date: 12.03.2025	Received Date: 11.25.2025	Ran by: JMB	Checked by: BMG
Max. Dry Density, pcf: 87.0		OMC, %: 31.8	
Corrected for Oversize: N/A		Corrected: N/A	

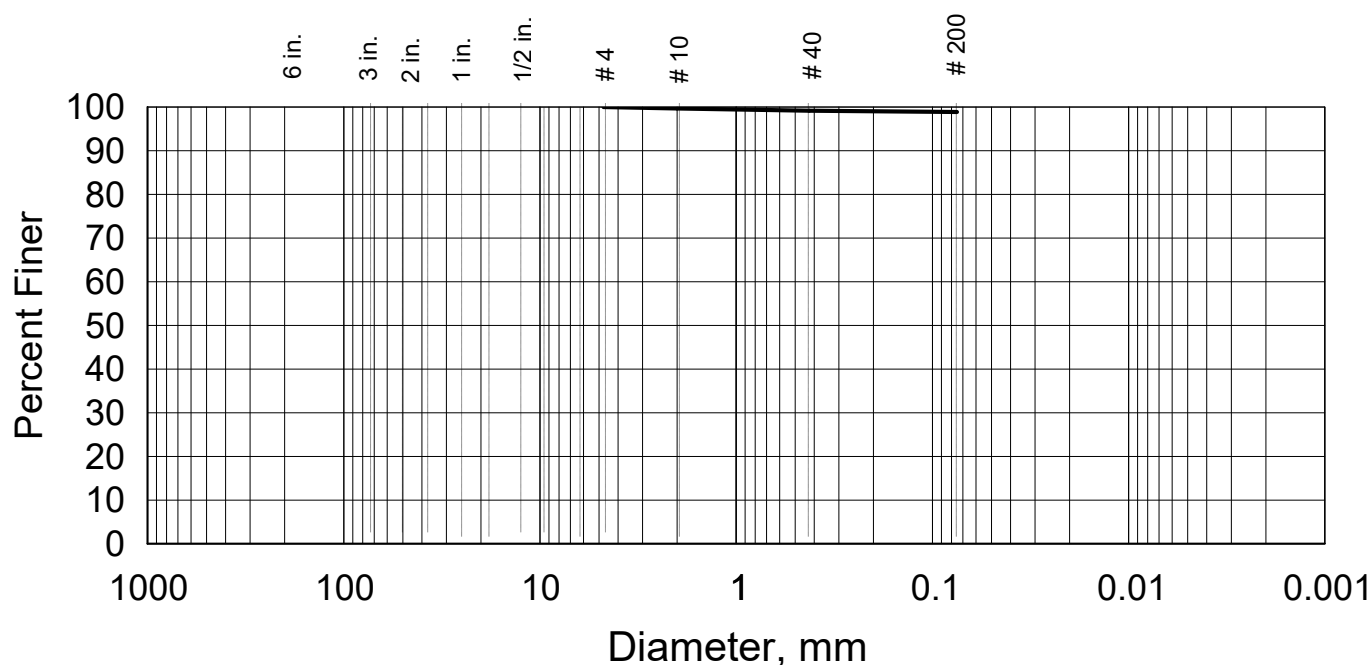
Project: Green Bay, Cell 6 **Client:** Green Bay Packaging

Project Number: 2544 **Sample Location:** 1118 A

Sample Description: Red/Brown CH, fat clay,

LL	PL	PI	NMC	Traceability Items			
99	34	65	30.4	Balance ID	Hammer ID	Mold ID	Other
Gravel, %	Sand, %	Clay, %	P-200	1	1S	A	
N/A	4.3	N/A	95.7	2	Page ID	1118 A	Compaction

Particle Distribution Test Result



Grain-size Analysis ASTM D6913/D1140

Proj. Name: Green Bay, Cell 6		Gravel, %	Sand, %	Silt, %	Clay, %	LL	PI
Project No.: 2544		0.0	1.1			67	42
Report Date 12.10.2025	Log-in Date 11.25.2025	Description and Classification					
Project Loc. Arkansas		Red/Brown	CH, fat clay,				
		Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "		2.5 "		3/8 "	
1118 B Bulk Sample		5 "		2 "		1/4 "	
Remarks:	NMC, %	25.9	4.5 "		1- 1/2 "		# 4 100.0
Moist Method, ASTM D6913 - D1140	Bulk	4 "		1 "		# 10 99.7	
	Sample wt., kg	3.5 "		3/4 "		# 40 99.2	
		3 "		1/2 "		# 200 98.9	

Sedimentation ASTM D7928

Hygroscopic Moisture Content Data		Hydrometer Specimen Wet wt.		Traceability Items	
WS+t	0.00	Hydrometer Specimen Dry wt.		Balance ID	1 2
DS+T	0.00	Assumed Gs		Therm ID	58981 NA
Tare wt	0.00	Percent <#40 based on complete specimen		Flask ID	1 NA
Moist Ratio	ERR	Calculated biased weight		Bulb ID	1 152H
		Composite Correction at 20 deg C		Sol Mix, ml	125 NA
		Meniscus Correction only		Tested By	JMB BMG

Hydrometer Reading Data			Temp.	Corrected		Effective	Diameter, mm	Percent
Time, min.	Readings	Temp.	Correction, Ct	Reading, Rc	K	Rm	depth	finer
2	0	0		-6		1	16.13	0.0000
5	0	0		-6		1	16.13	0.0000
15	0	0		-6		1	16.13	0.0000
30	0	0		-6		1	16.13	0.0000
60	0	0		-6		1	16.13	0.0000
240	0	0		-6		1	16.13	0.0000
600	0	0		-6		1	16.13	0.0000

Results of Falling Head Permeability, ASTM D5084 Recompacted Specimen

Project Number:	2544	Specimen Received Date:	11.25.2025	Test Date:	12.08.2025
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	12.04.2025	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	1118 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

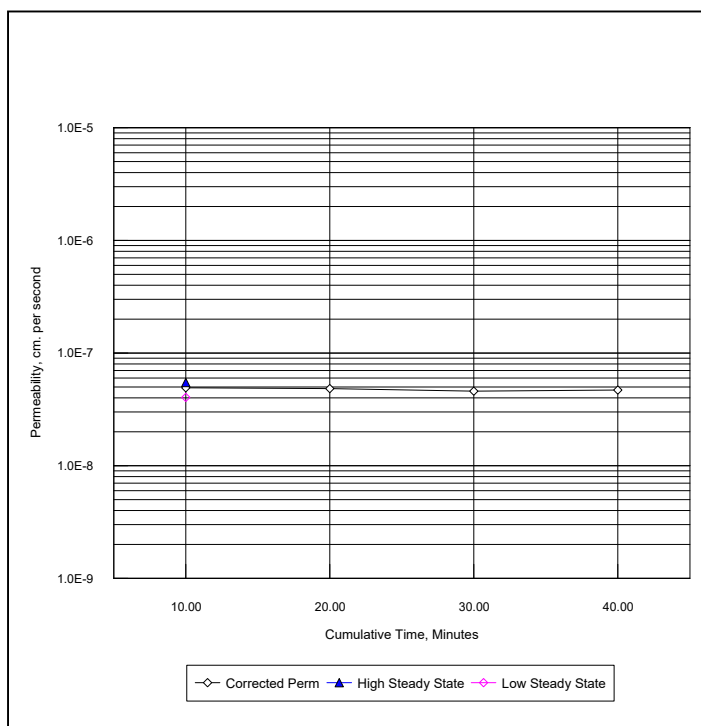
Special Selection or Preparation if Any: Recompacted Specimen	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	25.5	29.9	Maximum Dry Density, pcf	95.8	91.0	0.0
Percent Saturation	79.2	95.1	Optimum Moisture Content, (%)	25.5	25.5	0.0
Wet Mass Density, (pcf)	114.2	119.5	Percent Compacted:	95.0	95.0	0.0
Dry Mass Density, (pcf)	91.0	92.0				
Height of Solids, (in)	1.590	1.590	Test Pressures During Test			
Void Ratio	0.886	0.866	Backpressure, psi	50		
Calculated Porosity, (%)	46.99	46.42	Effective Confining Stress, psi	5		

Specimen Dimensions		Initial	Final
Specimen Height, cm		7.62	7.54
Specimen Diameter, cm		10.16	10.16
Specimen Area, cm^2		81.06	81.06
Specimen Mass		Initial	Final
Initial Wet Mass, gms		1130.3	1170
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	5
Balance ID	3	CV Hg ID	2
Thermo ID	2		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+(aout/ain))			1.041
Sample, S=(Sample Length/ Sample Area)			0.0940
Test Constant, C=(M1*S/G)			0.000226

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	5.2E-008
	4.9E-008
	5.1E-008
	4.8E-008
	4.6E-008
	4.7E-008

Average Permeability, Corrected k:	4.8E-008
15% of Average	7.1E-009
High Steady State Limit:	5.5E-008
Low Steady State Limit:	4.0E-008



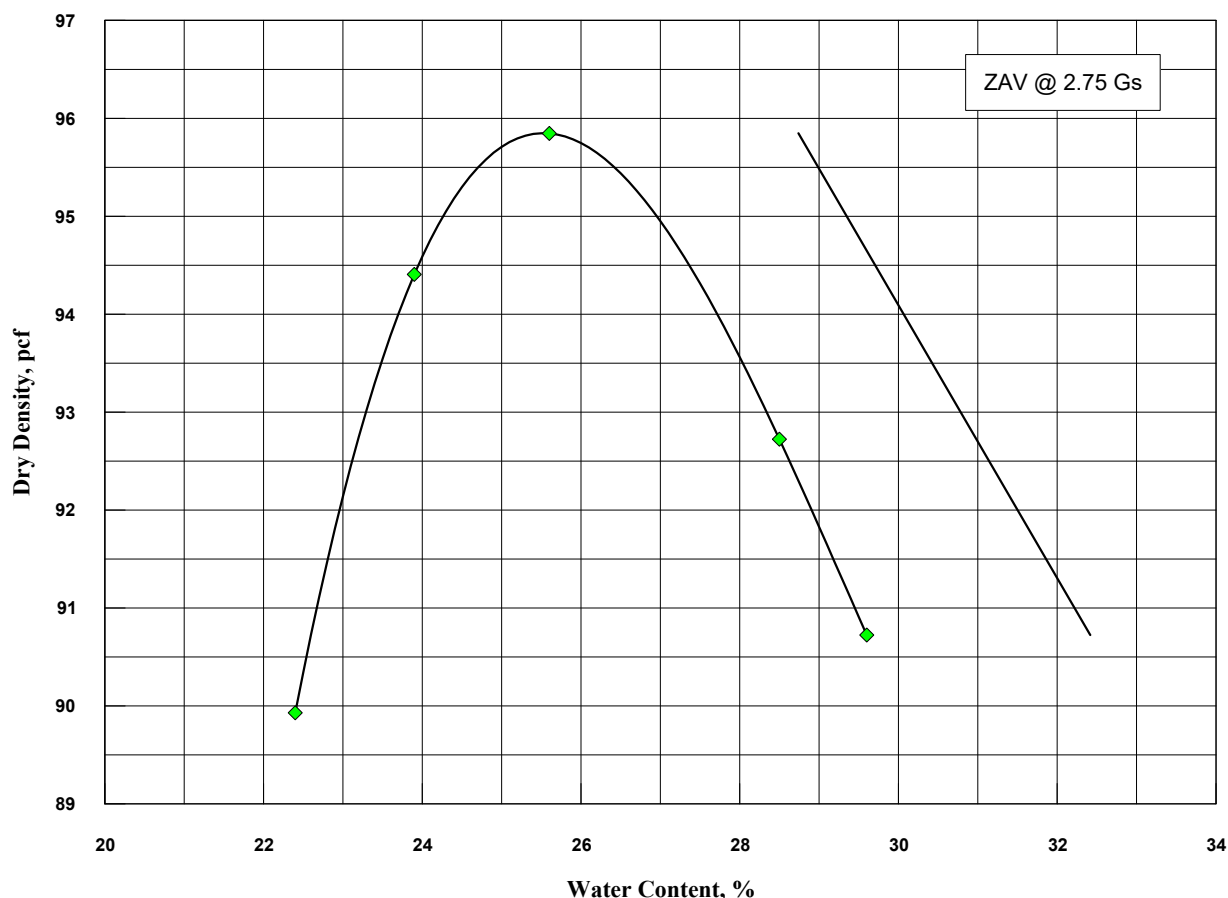
Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
12.08.2025	12.0167	0	1.100	12.500	20.287			0.091	22
12.08.2025	12.1833	600	1.157	11.100	17.693	1.000	1.400	0.105	22
12.08.2025	12.3500	600	1.206	9.900	15.470	1.000	1.200	0.120	22
12.08.2025	12.5167	600	1.247	8.900	13.618	1.000	1.000	0.136	22
12.08.2025	12.6833	600	1.284	8.000	11.951	1.000	0.900	0.155	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	16.86
Unmeasured Flow, cm:	4.36

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Laboratory Compaction Test

ASTM D698, Standard Compaction Test, Mechanical Rammer Method B, Moist Method



Report Date: 12.03.2025	Received Date: 11.25.2025	Ran by: JMB	Checked by: BMG
Max. Dry Density, pcf: 95.8		OMC, %: 25.5	
Corrected for Oversize: N/A		Corrected: N/A	

Project: Green Bay, Cell 6 **Client:** Green Bay Packaging

Project Number: 2544 **Sample Location:** 1118 B

Sample Description: Red/Brown CH, fat clay,

LL	PL	PI	NMC	Traceability Items			
67	25	42	25.9	Balance ID	Hammer ID	Mold ID	Other
Gravel, %	Sand, %	Clay, %	P-200	1	1S	A	
N/A	1.1	N/A	98.9	2	Page ID	1118 B	Compaction

Results of Falling Head Permeability, ASTM D5084

Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	01.21.2026	Test Date:	01.27.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	01.22.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0115 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

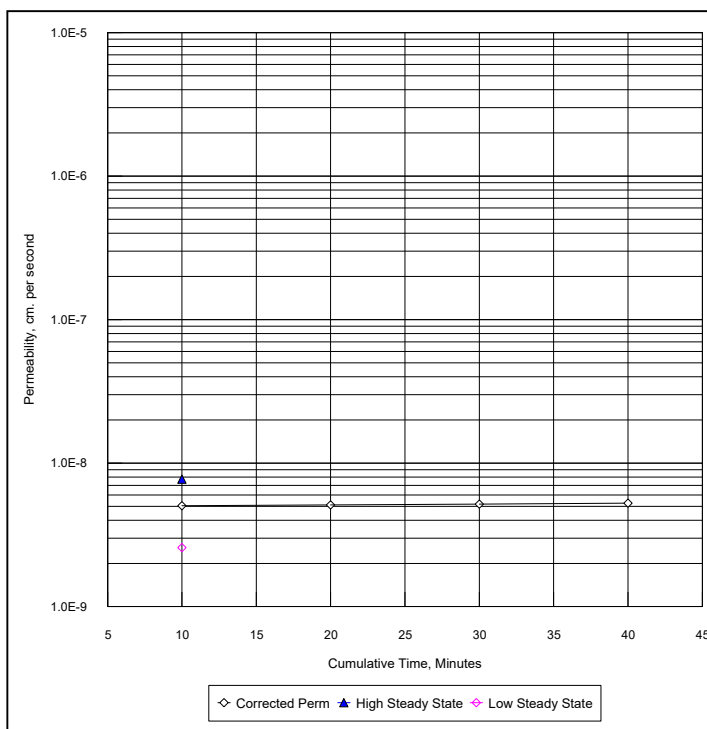
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	27.4	33.3	Maximum Dry Density, pcf			
Percent Saturation	92.2	99.9	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	120.3	119.3	Percent Compacted:			
Dry Mass Density, (pcf)	94.4	89.5				
Height of Solids, (in)	0.905	0.884	Test Pressures During Test			
Void Ratio	0.819	0.919	Backpressure, psi	50		
Calculated Porosity, (%)	45.03	47.89	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.18	4.31
Specimen Diameter, cm		7.27	7.36
Specimen Area, cm^2		41.53	42.49
Specimen Mass		Initial	Final
Initial Wet Mass, gms		334.45	350
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	1
Balance ID	3	CV Hg ID	1
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1007
Test Constant, C=(M1*S/G)			0.000242

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	Corrected k (cm/sec)
	5.3E-009
	5.0E-009
	5.1E-009
	5.2E-009
	5.3E-009

Average Permeability, Corrected k:	5.2E-009
50% of Average	2.6E-009
High Steady State Limit:	7.7E-009
Low Steady State Limit:	2.6E-009



Date	Clock Time (hh:mm/60)	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
01.27.2026	1.0000	0	1.500	9.500	25.947			0.130	22
01.27.2026	1.1667	600	1.504	9.400	25.609	1.000	0.100	0.132	22
01.27.2026	1.3333	600	1.508	9.300	25.272	1.000	0.100	0.134	22
01.27.2026	1.5000	600	1.512	9.200	24.934	1.000	0.100	0.135	22
01.27.2026	1.6667	600	1.516	9.100	24.596	1.000	0.100	0.137	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	9.25
Unmeasured Flow, cm:	-0.25

Remarks: $k = C/t \ln [1-(Z_{out} T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	01.21.2026	Test Date:	01.27.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	01.22.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0115 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

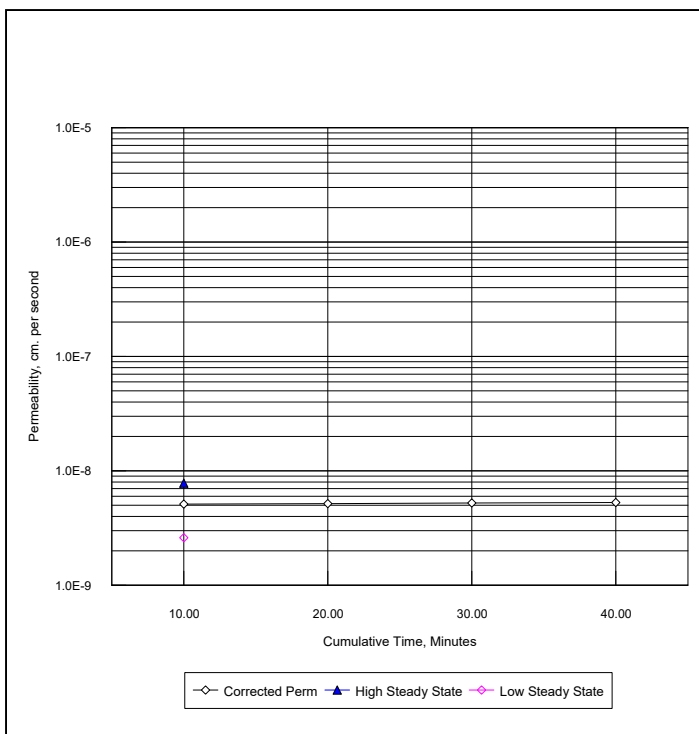
Special Selection or Preparation if Any:	
Permeant:	D/A Water

Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	25.8	33.2	Maximum Dry Density, pcf			
Percent Saturation	88.7	102.0	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	120.0	120.6	Percent Compacted:			
Dry Mass Density, (pcf)	95.4	90.6				
Height of Solids, (in)	1.099	1.076	Test Pressures During Test			
Void Ratio	0.800	0.895	Backpressure, psi	50		
Calculated Porosity, (%)	44.46	47.23	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.02	5.18
Specimen Diameter, cm		7.18	7.26
Specimen Area, cm^2		40.52	41.35
Specimen Mass		Initial	Final
Initial Wet Mass, gms		391.16	414.1
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	2
Balance ID	3	CV Hg ID	2
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+(aout/ain))			1.041
Sample, S=(Sample Length/ Sample Area)			0.1240
Test Constant, C=(M1*S/G)			0.00029816

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	5.4E-009
	5.1E-009
	5.4E-009
	5.2E-009
	5.5E-009
	5.2E-009
	5.5E-009
	5.3E-009

Average Permeability, Corrected k:	5.2E-009
50% of Average	2.6E-009
High Steady State Limit:	7.8E-009
Low Steady State Limit:	2.6E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
01.27.2026	1.0167	0	1.800	11.500	26.180			0.107	22
01.27.2026	1.1833	600	1.804	11.400	25.899	1.000	0.100	0.108	22
01.27.2026	1.3500	600	1.808	11.300	25.618	1.000	0.100	0.110	22
01.27.2026	1.5167	600	1.812	11.200	25.337	1.000	0.100	0.111	22
01.27.2026	1.6833	600	1.816	11.100	25.056	1.000	0.100	0.112	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	11.12
Unmeasured Flow, cm:	-0.38

Remarks: $k = C/t \ln [1-(Z_{out} T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	01.21.2026	Test Date:	01.27.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	01.22.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0116 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

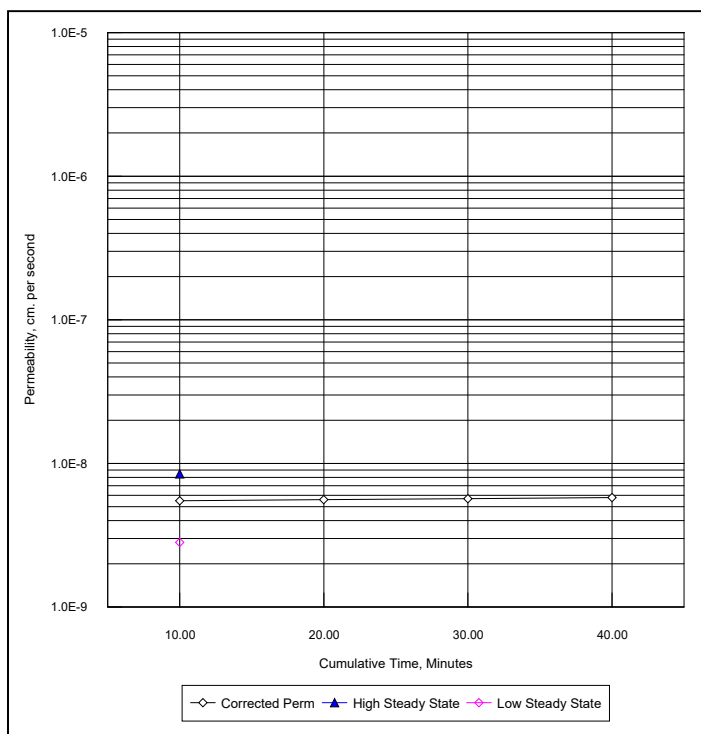
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	27.5	31.5	Maximum Dry Density, pcf			
Percent Saturation	88.1	102.3	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	117.8	122.2	Percent Compacted:			
Dry Mass Density, (pcf)	92.4	93.0				
Height of Solids, (in)	0.748	0.762	Test Pressures During Test			
Void Ratio	0.859	0.847	Backpressure, psi	50		
Calculated Porosity, (%)	46.20	45.86	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		3.53	3.57
Specimen Diameter, cm		7.22	7.16
Specimen Area, cm^2		40.95	40.20
Specimen Mass		Initial	Final
Initial Wet Mass, gms		272.73	281.24
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	3
Balance ID	3	CV Hg ID	3
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+(aout/ain))			1.041
Sample, S=(Sample Length/ Sample Area)			0.0862
Test Constant, C=(M1*S/G)			0.000207

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	5.8E-009
	5.9E-009
	6.0E-009
	6.1E-009

Average Permeability, Corrected k:	5.6E-009
50% of Average	2.8E-009
High Steady State Limit:	8.5E-009
Low Steady State Limit:	2.8E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
01.27.2026	1.0333	0	1.800	8.100	24.196			0.165	22
01.27.2026	1.2000	600	1.804	8.000	23.797	1.000	0.100	0.168	22
01.27.2026	1.3667	600	1.808	7.900	23.397	1.000	0.100	0.171	22
01.27.2026	1.5333	600	1.812	7.800	22.997	1.000	0.100	0.174	22
01.27.2026	1.7000	600	1.816	7.700	22.597	1.000	0.100	0.177	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	7.81
Unmeasured Flow, cm:	-0.29

Remarks: $k = C/t \ln [1 - (Z_{out} T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	01.21.2026	Test Date:	01.27.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	01.22.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0116 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

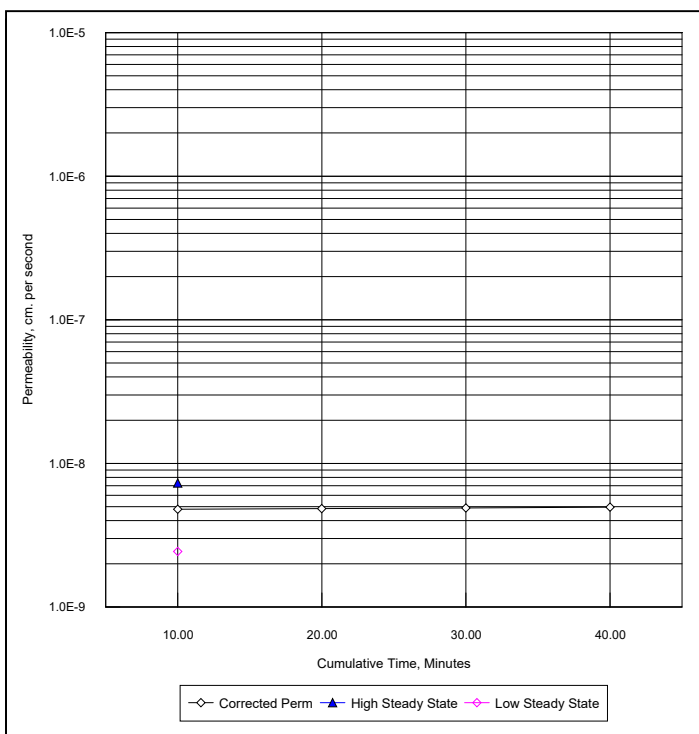
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	27.1	34.8	Maximum Dry Density, pcf			
Percent Saturation	82.6	96.6	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	114.7	116.2	Percent Compacted:			
Dry Mass Density, (pcf)	90.2	86.2				
Height of Solids, (in)	0.994	0.961	Test Pressures During Test			
Void Ratio	0.903	0.992	Backpressure, psi	50		
Calculated Porosity, (%)	47.45	49.79	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.80	4.86
Specimen Diameter, cm		7.26	7.38
Specimen Area, cm^2		41.35	42.78
Specimen Mass		Initial	Final
Initial Wet Mass, gms		364.87	386.94
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	4
Balance ID	3	CV Hg ID	4
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1162
Test Constant, C=(M1*S/G)			0.000279

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	Corrected k (cm/sec)
	5.0E-009
	5.1E-009
	5.1E-009
	5.2E-009

Average Permeability, Corrected k:	4.9E-009
50% of Average	2.4E-009
High Steady State Limit:	7.3E-009
Low Steady State Limit:	2.4E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
01.27.2026	1.0500	0	1.200	10.900	27.385			0.107	22
01.27.2026	1.2167	600	1.204	10.800	27.091	1.000	0.100	0.108	22
01.27.2026	1.3833	600	1.208	10.700	26.797	1.000	0.100	0.110	22
01.27.2026	1.5500	600	1.212	10.600	26.503	1.000	0.100	0.111	22
01.27.2026	1.7167	600	1.216	10.500	26.209	1.000	0.100	0.112	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.63
Unmeasured Flow, cm:	-0.27

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	01.21.2026	Test Date:	01.27.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	01.22.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0116 C	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

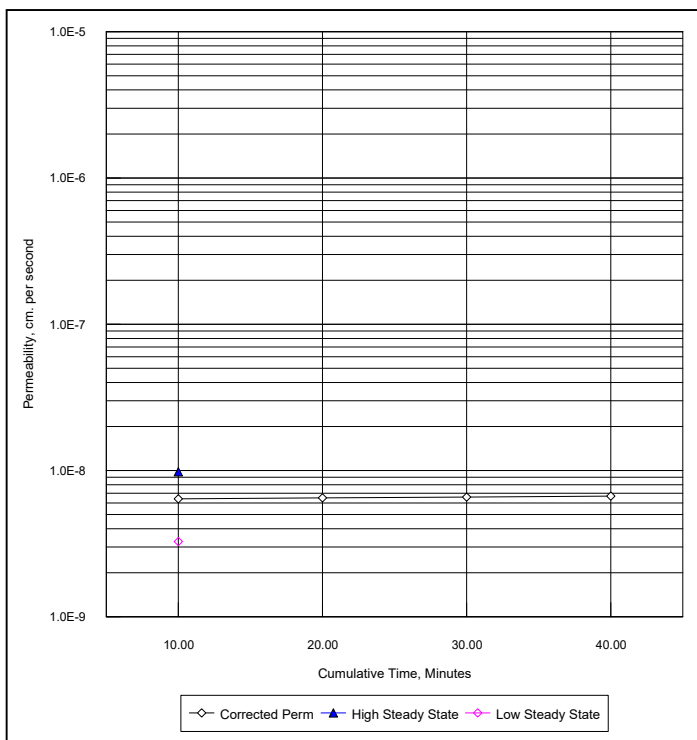
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	25.7	31.5	Maximum Dry Density, pcf			
Percent Saturation	88.1	100.2	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	119.6	121.0	Percent Compacted:			
Dry Mass Density, (pcf)	95.2	92.0				
Height of Solids, (in)	1.062	1.050	Test Pressures During Test			
Void Ratio	0.804	0.867	Backpressure, psi	50		
Calculated Porosity, (%)	44.58	46.43	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.87	4.98
Specimen Diameter, cm		7.20	7.24
Specimen Area, cm^2		40.66	41.12
Specimen Mass		Initial	Final
Initial Wet Mass, gms		379.22	396.78
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	5
Balance ID	3	CV Hg ID	5
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1197
Test Constant, C=(M1*S/G)			0.000288

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	6.7E-009
	6.4E-009
	6.8E-009
	6.5E-009
	6.9E-009
	6.6E-009
	7.0E-009
	6.7E-009

Average Permeability, Corrected k:	6.5E-009
50% of Average	3.3E-009
High Steady State Limit:	9.8E-009
Low Steady State Limit:	3.3E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
01.27.2026	1.0667	0	1.600	9.100	20.897	1.000	0.100	0.139	22
01.27.2026	1.2333	600	1.604	9.000	20.607	1.000	0.100	0.141	22
01.27.2026	1.4000	600	1.608	8.900	20.317	1.000	0.100	0.143	22
01.27.2026	1.5667	600	1.612	8.800	20.027	1.000	0.100	0.145	22
01.27.2026	1.7333	600	1.616	8.700	19.737	1.000	0.100	0.147	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.77
Unmeasured Flow, cm:	1.67

Remarks: $k = C/t \ln [1-(Zout T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	01.21.2026	Test Date:	01.27.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	01.22.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0116 D	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

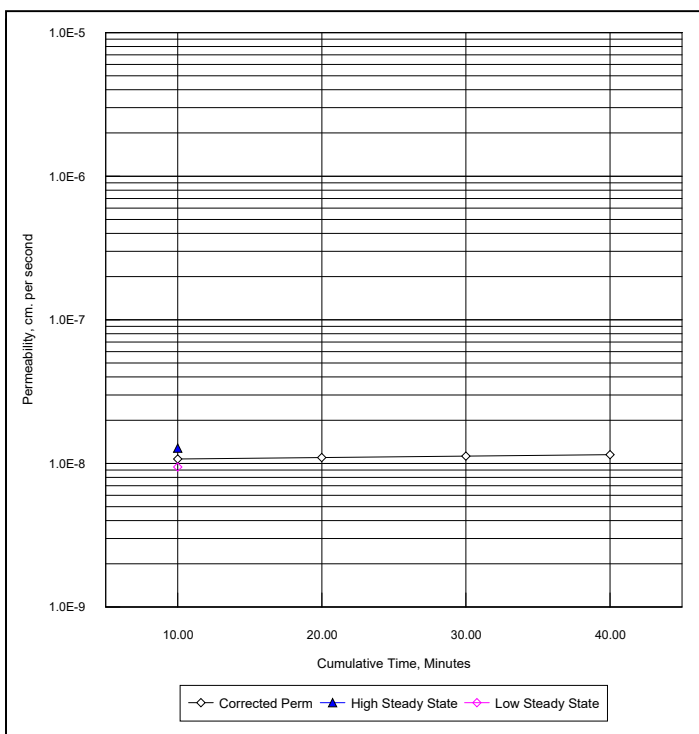
Special Selection or Preparation if Any:	
Permeant:	D/A Water

Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	28.2	34.2	Maximum Dry Density, pcf			
Percent Saturation	87.1	100.9	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	116.4	119.2	Percent Compacted:			
Dry Mass Density, (pcf)	90.8	88.9				
Height of Solids, (in)	1.062	1.038	Test Pressures During Test			
Void Ratio	0.890	0.932	Backpressure, psi	50		
Calculated Porosity, (%)	47.10	48.25	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.10	5.10
Specimen Diameter, cm		7.20	7.28
Specimen Area, cm^2		40.72	41.64
Specimen Mass		Initial	Final
Initial Wet Mass, gms		387.08	405.2
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	6
Balance ID	3	CV Hg ID	7
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1252
Test Constant, C=(M1*S/G)			0.000301

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	1.1E-008
	1.1E-008
	1.1E-008
	1.2E-008
	1.2E-008

Average Permeability, Corrected k:	1.1E-008
15% of Average	1.7E-009
High Steady State Limit:	1.3E-008
Low Steady State Limit:	9.5E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
01.27.2026	1.0833	0	1.400	10.800	25.004			0.111	22
01.27.2026	1.2500	600	1.408	10.600	24.450	1.000	0.200	0.113	22
01.27.2026	1.4167	600	1.416	10.400	23.896	1.000	0.200	0.116	22
01.27.2026	1.5833	600	1.425	10.200	23.343	1.000	0.200	0.119	22
01.27.2026	1.7500	600	1.433	10.000	22.789	1.000	0.200	0.122	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	11.28
Unmeasured Flow, cm:	0.48

Remarks: $k = C/t \ln [1-(Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Project Number:	2544	Specimen Received Date:	02.16.2026	Test Date:	02.20.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.17.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0210 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

Special Selection or Preparation if Any:

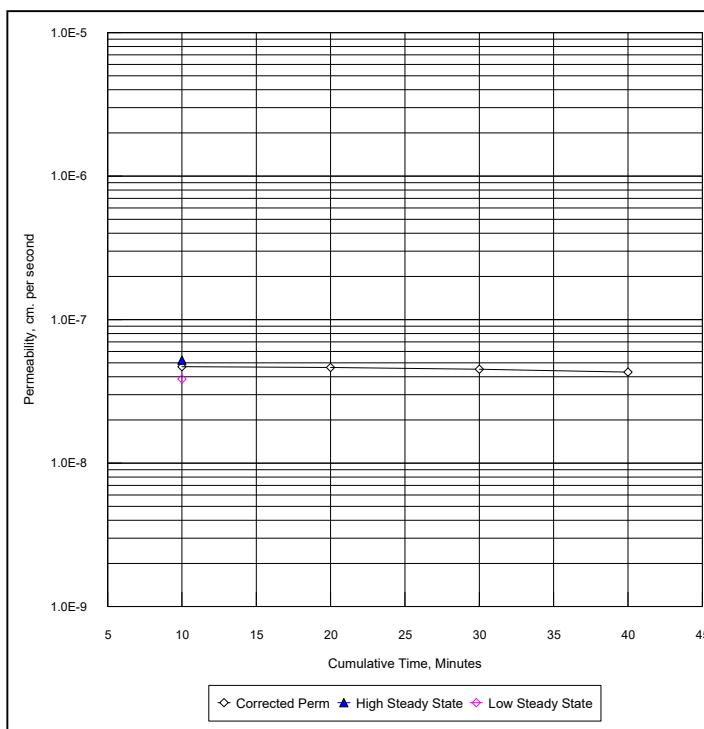
Permeant: D/A Water

Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	34.3	37.8	Maximum Dry Density, pcf			
Percent Saturation	101.4	107.6	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	119.4	120.3	Percent Compacted:			
Dry Mass Density, (pcf)	88.9	87.3				
Height of Solids, (in)	1.110	1.109	Test Pressures During Test			
Void Ratio	0.932	0.967	Backpressure, psi	50		
Calculated Porosity, (%)	48.24	49.16	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.45	5.54
Specimen Diameter, cm		7.22	7.23
Specimen Area, cm ²		40.98	41.01
Specimen Mass		Initial	Final
Initial Wet Mass, gms		426.9	437.9
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	1
Balance ID	3	CV Hg ID	1
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ² , ain)			0.7671
Outflow Buret, (cm ² , aout)			0.0314
Specific Gravity, (Ghg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain ² /aout/ain+aout)			0.0302
Manometer, M2, (1+ aout/ain)			1.041
Sample, S=(Sample Length/ Sample Area)			0.1330
Test Constant, C=(M1*S/G)			0.000320

	Test	Data	
Elapsed Time (Minutes)	Cumulative Time (Minutes)	Permeability, k (cm/sec) (Uncorrected)	Corrected k For 20 cm (cm/sec)
0	0.00		
10	10.00	4.9E-008	4.7E-008
10	20.00	4.9E-008	4.6E-008
10	30.00	4.7E-008	4.5E-008
10	40.00	4.5E-008	4.3E-008

Average Permeability, Corrected k:		4.5E-008
	15% of Average	6.8E-009
	High Steady State Limit:	5.2E-008
	Low Steady State Limit:	3.9E-008



		Trial	Flow	Readings					Test Fluid
Date	Clock Time	Elapsed	Inflow	Outflow	Gradient	Out/Inflow	Z out	T	Temp, c
	(hh:mm/60)	t, sec.			During Test	Ratio			
02.20.2026	11.0000	0	1.600	7.500	14.684			0.176	22
02.20.2026	11.1667	600	1.620	7.000	13.389	1.000	0.500	0.194	22
02.20.2026	11.3333	600	1.639	6.550	12.223	1.000	0.450	0.212	22
02.20.2026	11.5000	600	1.655	6.150	11.187	1.000	0.400	0.232	22
02.20.2026	11.6667	600	1.670	5.800	10.280	1.000	0.350	0.252	22

Initial Gradient;	30.00
Height of Mercury in Center Column, cm:	12.05
Unmeasured Flow, cm:	4.55

Unmeasured Flow, cm ³	4.55
Remarks:	$k = C/t \ln [1-(Z_{out} T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.16.2026	Test Date:	02.20.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.17.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0210 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

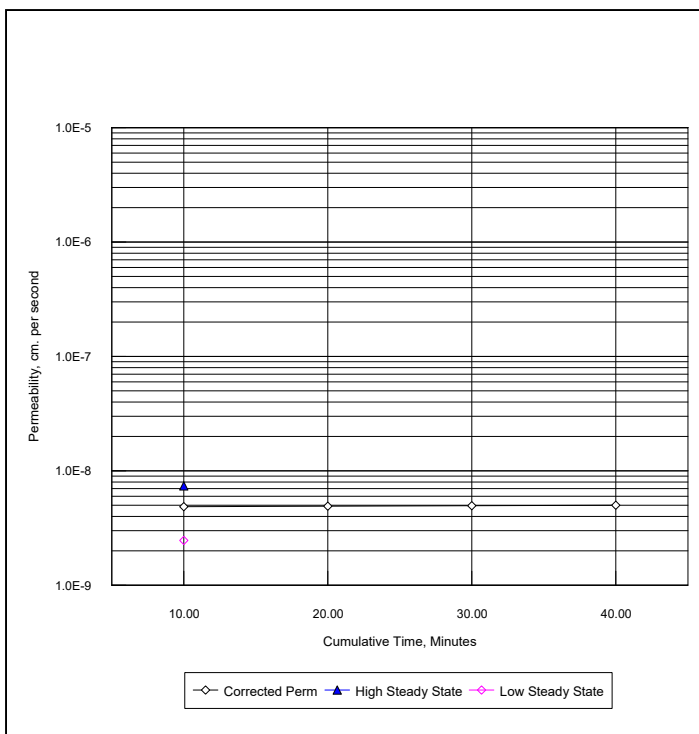
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	33.1	33.6	Maximum Dry Density, pcf			
Percent Saturation	88.1	96.9	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	112.3	117.3	Percent Compacted:			
Dry Mass Density, (pcf)	84.4	87.8				
Height of Solids, (in)	1.044	1.054	Test Pressures During Test			
Void Ratio	1.035	0.955	Backpressure, psi	50		
Calculated Porosity, (%)	50.86	48.86	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.39	5.23
Specimen Diameter, cm		7.24	7.20
Specimen Area, cm^2		41.12	40.72
Specimen Mass		Initial	Final
Initial Wet Mass, gms		399.16	400.6
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	3
Balance ID	3	CV Hg ID	3
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+(aout/ain))			1.041
Sample, S=(Sample Length/ Sample Area)			0.1312
Test Constant, C=(M1*S/G)			0.00031546

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	5.1E-009
	4.9E-009
	5.1E-009
	4.9E-009
	5.2E-009
	5.0E-009
	5.2E-009
	5.0E-009

Average Permeability, Corrected k:	4.9E-009
50% of Average	2.5E-009
High Steady State Limit:	7.4E-009
Low Steady State Limit:	2.5E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.20.2026	11.0333	0	1.800	12.600	27.145			0.096	22
02.20.2026	11.2000	600	1.804	12.500	26.884	1.000	0.100	0.097	22
02.20.2026	11.3667	600	1.808	12.400	26.622	1.000	0.100	0.098	22
02.20.2026	11.5333	600	1.812	12.300	26.360	1.000	0.100	0.099	22
02.20.2026	11.7000	600	1.816	12.200	26.099	1.000	0.100	0.100	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	11.94
Unmeasured Flow, cm:	-0.66

Remarks: $k = C/t \ln [1-(Z_{out} T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.16.2026	Test Date:	02.20.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.17.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0212 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

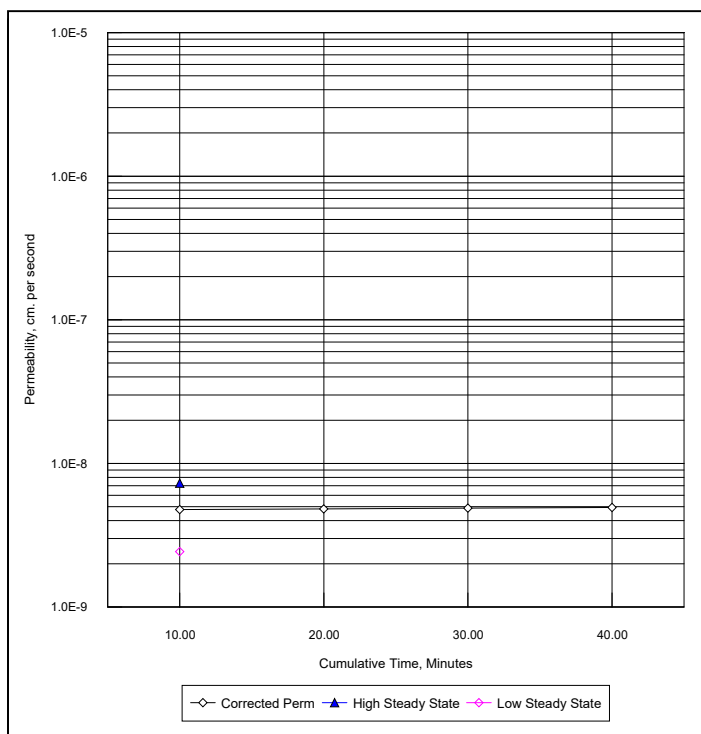
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	35.6	37.8	Maximum Dry Density, pcf			
Percent Saturation	93.8	103.6	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	113.9	118.1	Percent Compacted:			
Dry Mass Density, (pcf)	84.0	85.7				
Height of Solids, (in)	0.862	0.862	Test Pressures During Test			
Void Ratio	1.044	1.004	Backpressure, psi	50		
Calculated Porosity, (%)	51.08	50.10	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.48	4.39
Specimen Diameter, cm		7.21	7.22
Specimen Area, cm^2		40.86	40.89
Specimen Mass		Initial	Final
Initial Wet Mass, gms		333.78	339.19
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	2
Balance ID	3	CV Hg ID	2
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1096
Test Constant, C=(M1*S/G)			0.000264

	Test	Data	
Elapsed Time (Minutes)	Cumulative Time (Minutes)	Permeability, k (cm/sec) (Uncorrected)	Corrected k (cm/sec)
0	0.00		
10	10.00	5.0E-009	4.8E-009
10	20.00	5.1E-009	4.8E-009
10	30.00	5.1E-009	4.9E-009
10	40.00	5.2E-009	4.9E-009

Average Permeability, Corrected k:	4.9E-009
50% of Average	2.4E-009
High Steady State Limit:	7.3E-009
Low Steady State Limit:	2.4E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.20.2026	11.0167	0	1.100	10.300	27.859			0.113	22
02.20.2026	11.1833	600	1.104	10.200	27.544	1.000	0.100	0.114	22
02.20.2026	11.3500	600	1.108	10.100	27.228	1.000	0.100	0.116	22
02.20.2026	11.5167	600	1.112	10.000	26.913	1.000	0.100	0.117	22
02.20.2026	11.6833	600	1.116	9.900	26.598	1.000	0.100	0.119	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	9.91
Unmeasured Flow, cm:	-0.39

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.16.2026	Test Date:	02.20.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.17.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0212 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

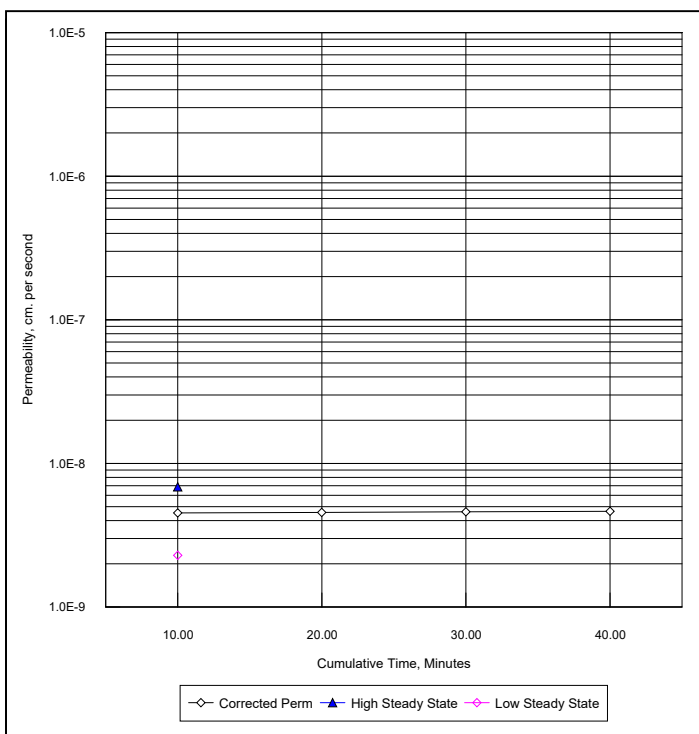
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	33.1	35.7	Maximum Dry Density, pcf			
Percent Saturation	100.7	103.5	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	120.0	119.5	Percent Compacted:			
Dry Mass Density, (pcf)	90.2	88.0				
Height of Solids, (in)	1.176	1.170	Test Pressures During Test			
Void Ratio	0.904	0.951	Backpressure, psi	50		
Calculated Porosity, (%)	47.48	48.74	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.69	5.80
Specimen Diameter, cm		7.22	7.24
Specimen Area, cm^2		40.92	41.15
Specimen Mass		Initial	Final
Initial Wet Mass, gms		447.5	456.5
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	4
Balance ID	3	CV Hg ID	4
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1390
Test Constant, C=(M1*S/G)			0.000334

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	4.7E-009
	4.8E-009
	4.8E-009
	4.9E-009
	4.6E-009

Average Permeability, Corrected k:	4.6E-009
50% of Average	2.3E-009
High Steady State Limit:	6.9E-009
Low Steady State Limit:	2.3E-009

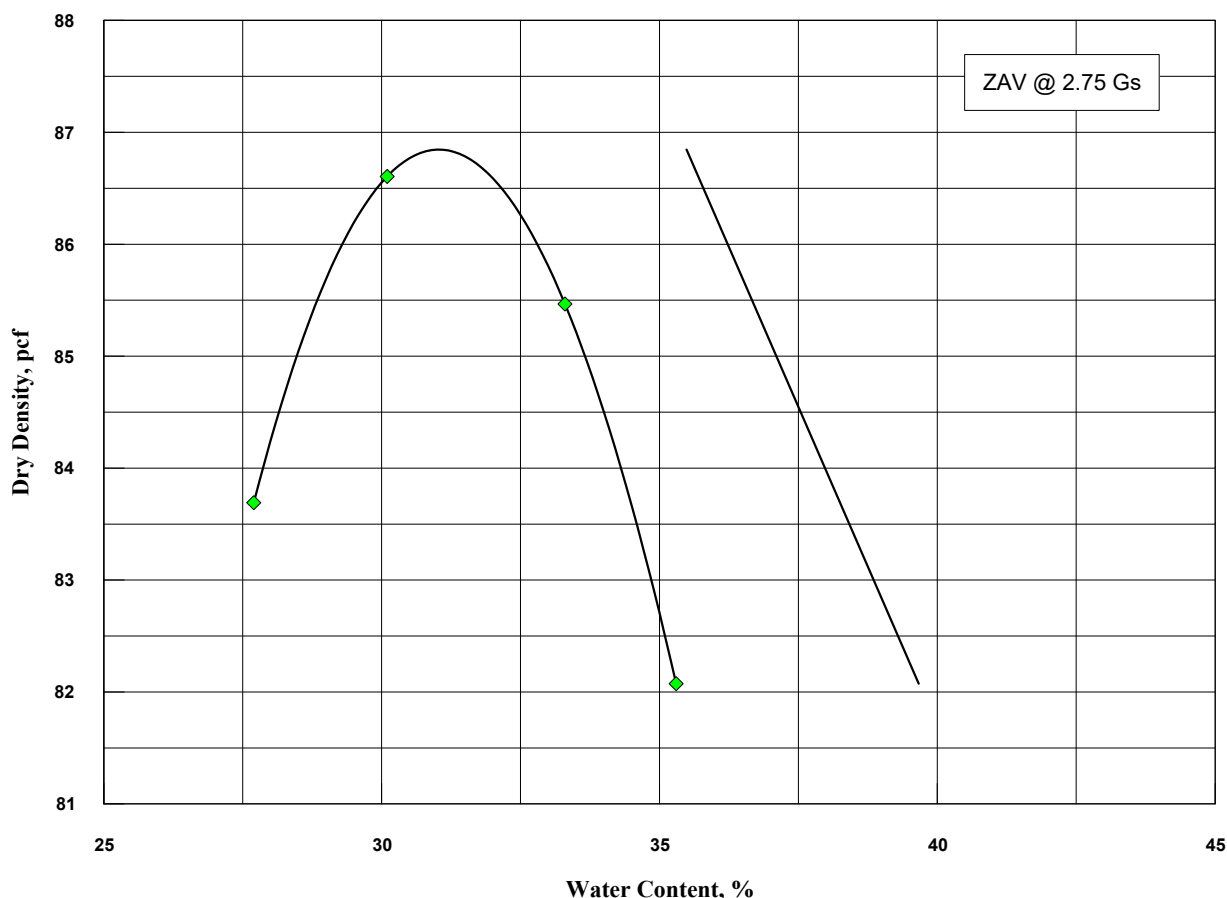


Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.20.2026	11.0500	0	0.700	13.000	29.315			0.085	22
02.20.2026	11.2167	600	0.704	12.900	29.066	1.000	0.100	0.085	22
02.20.2026	11.3833	600	0.708	12.800	28.818	1.000	0.100	0.086	22
02.20.2026	11.5500	600	0.712	12.700	28.570	1.000	0.100	0.087	22
02.20.2026	11.7167	600	0.716	12.600	28.322	1.000	0.100	0.088	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	12.59
Unmeasured Flow, cm:	-0.41

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Laboratory Compaction Test
ASTM D698, Standard Compaction Test, Mechanical Rammer
Method B, Moist Method

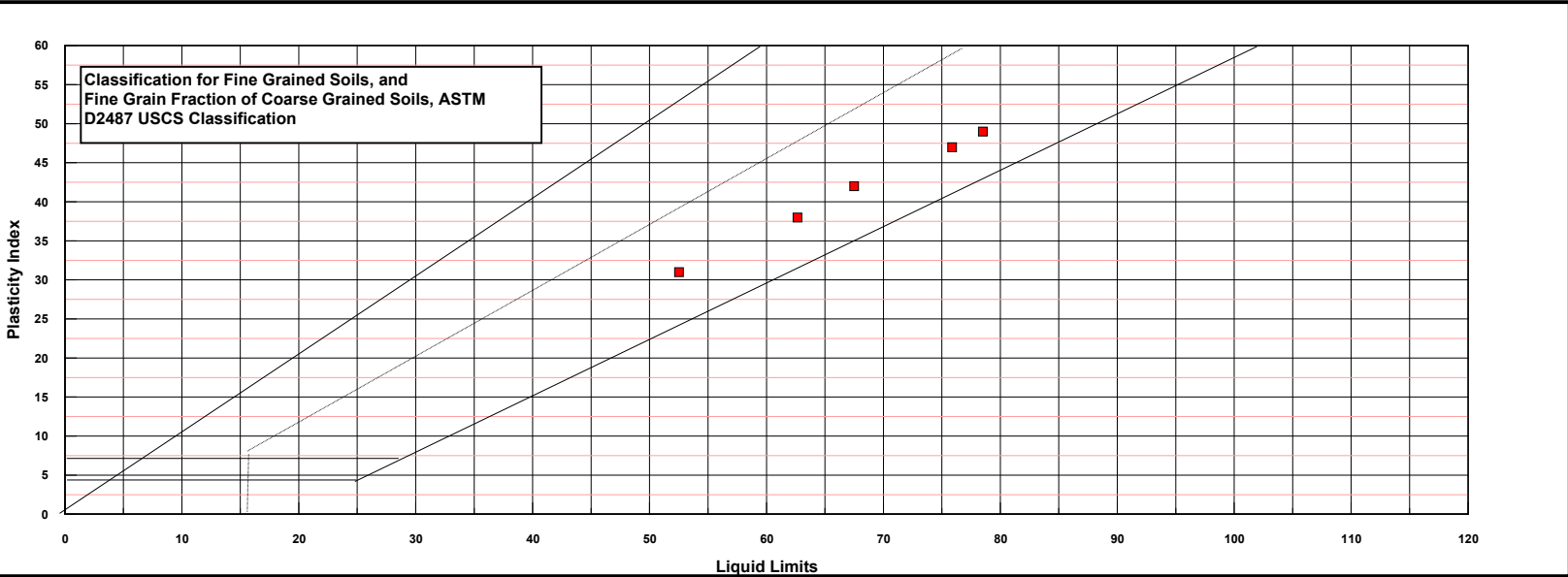


Report Date: 02.25.2026	Received Date: 02.22.2026	Ran by: JMB	Checked by: BMG
Max. Dry Density, pcf: 86.8		OMC, %: 31.0	
Corrected for Oversize: N/A		Corrected: N/A	

Project: Green Bay, Cell 6	Client: Green Bay Packaging
Project Number: 2544	Sample Location: 0219 A

Sample Description: Brown CH, fat clay,

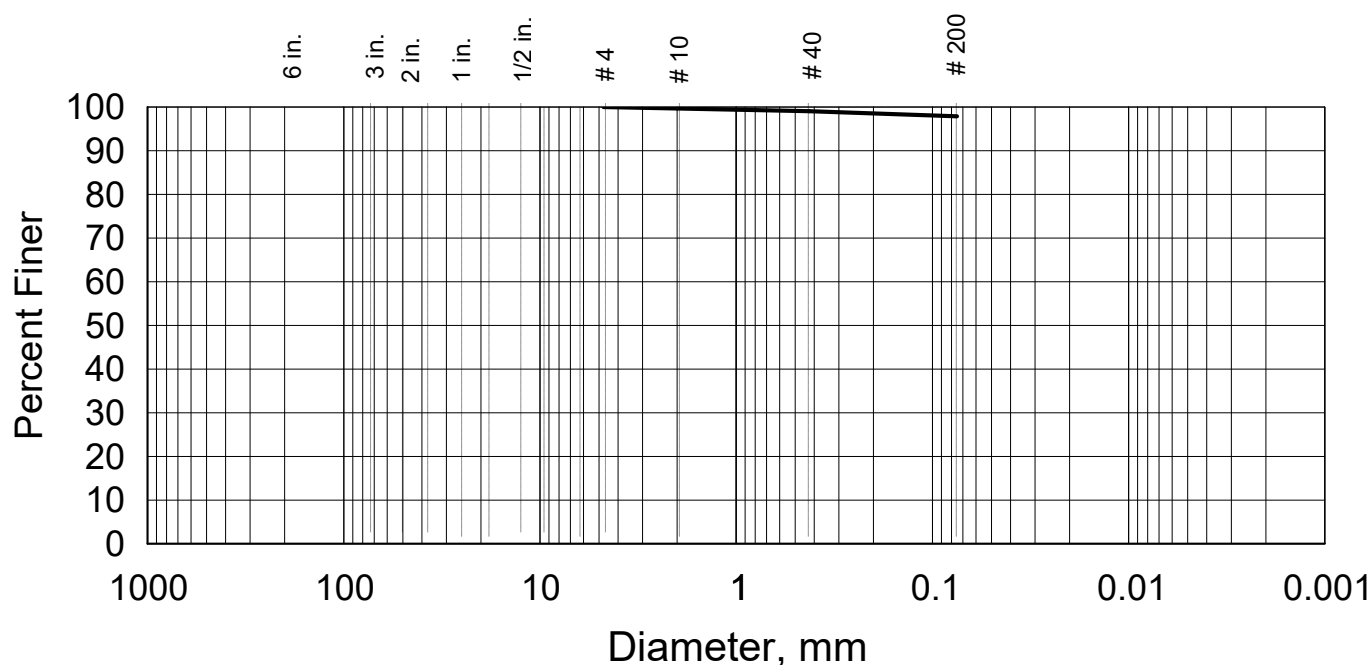
LL	PL	PI	NMC	Traceability Items			
100	35	65	31.5	Balance ID	Hammer ID	Mold ID	Other
Gravel, %	Sand, %	Clay, %	P-200	1	1S	A	
N/A	2.1	N/A	97.9	2	Page ID	0219 A	Compaction



Project Name:	Green Bay, Cell 6	Client's Project No.	N/A	ASTM D2217/AASHTO R-74, Method B, Moist Sample Preparation
Project Number:	2544	Project Location:	Arkansas	ASTM D4318, Method A - or - Method B, Liquid and Plastic Limits
Client:	Green Bay Packaging			ASTM D422/D1140 - or - D6913/D7928 - or - C136/C117, Grain Size Analysis

Project Test Count, This Page	Sample Number and Locations	Liquid Limits	Plasticity Index	Percent Gravel	Percent Fines (Minus #200)	Natural Moisture, %	Sample Description/Classification
1	1118 A	99	65	0.1	95.6	30.4	Red/Brown CH, fat clay,
2	1118 B	67	42	0.0	98.9	25.9	Red/Brown CH, fat clay,
3	1219 A	53	31	47.8	17.2	17.6	Brown SC, clayey sand,
4	1219 B	63	38	0.0	96.6	24.6	Red/Brown CH, fat clay,
5	0114 A			0.0	97.0	33.8	
6	0114 B			0.1	96.1	32.0	
7	0219 A	100	65	0.0	97.9	31.5	Brown CH, fat clay,
8	0223 A	76	47	0.0	98.4	26.1	Red/Brown CH, fat clay,
9	0227 A	79	49	0.0	98.1	25.3	Red/Brown CH, fat clay,
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Particle Distribution Test Result



Grain-size Analysis ASTM D6913/D1140

Proj. Name:	Green Bay, Cell 6	Gravel, %	Sand, %	Silt, %	Clay, %	LL	PI
Project No.:	2544	0.0	2.1			100	65
Report Date	02.25.2026	Description and Classification					
Log-in Date	02.22.2026	CH, fat clay,					
Project Loc.	Arkansas	Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "	2.5 "	3/8 "			
0219 A	Bulk Sample	5 "	2 "	1/4 "			
Remarks:	NMC, %	31.5	4.5 "	1- 1/2 "	# 4	100.0	
Moist Method, ASTM D6913 - D1140	Bulk		4 "	1 "	# 10	99.7	
	Sample wt., kg		3.5 "	3/4 "	# 40	99.1	
			3 "	1/2 "	# 200	97.9	

Sedimentation ASTM D7928

Hygroscopic Moisture Content Data		Hydrometer Specimen Wet wt.		Traceability Items	
WS+t	0.00	Hydrometer Specimen Dry wt.	0.00	Balance ID	1 2
DS+T	0.00	Assumed Gs	ERR	Therm ID	58981 NA
Tare wt	0.00	Percent <#40 based on complete specimen	2.75	Flask ID	1 NA
Moist Ratio	ERR	Calculated biased weight	99.08	Bulb ID	1 152H
		Composite Correction at 20 deg C	ERR	Sol Mix, ml	125 NA
		Meniscus Correction only	-6	Tested By	JMB BMG
			1		

Hydrometer Reading Data			Temp.	Corrected		Effective	Diameter, mm	Percent
Time, min.	Readings	Temp.	Correction, Ct	Reading, Rc	K	Rm	depth	finer
2	0	0		-6		1	16.13	0.0000
5	0	0		-6		1	16.13	0.0000
15	0	0		-6		1	16.13	0.0000
30	0	0		-6		1	16.13	0.0000
60	0	0		-6		1	16.13	0.0000
240	0	0		-6		1	16.13	0.0000
600	0	0		-6		1	16.13	0.0000

Project Number:	2544	Specimen Received Date:	02.22.2026	Test Date:	03.13.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	02.25.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0219 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

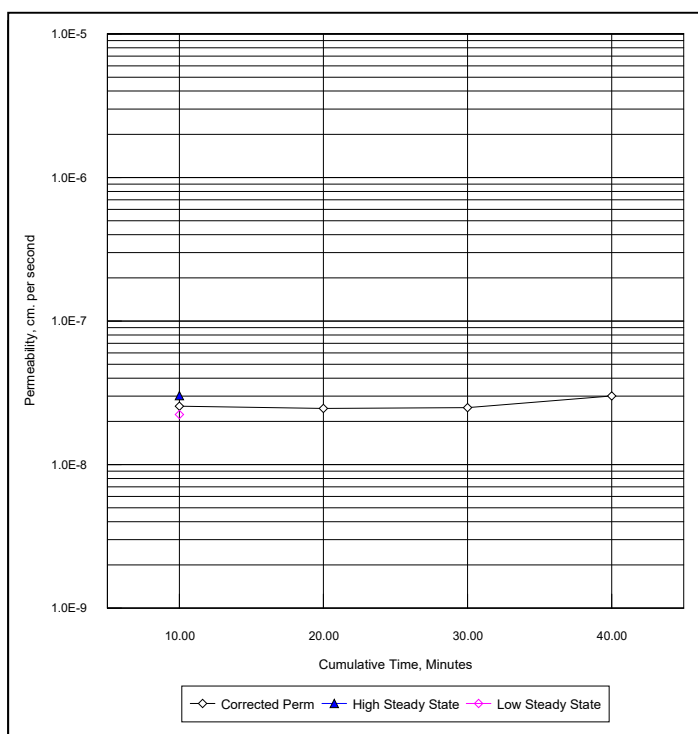
Special Selection or Preparation if Any:	
Recompacted Specimen	Permeant: D/A Water

Specimen Data	Initial	Final	Compaction Data		Proctor	Target	Difference
Moisture Content, (%)	31.0	39.2	Maximum Dry Density, pcf		86.8	82.5	0.0
Percent Saturation	78.9	100.7	Optimum Moisture Content, (%)		31.0	31.0	0.0
Wet Mass Density, (pcf)	108.0	115.4	Percent Compacted:	95.0		95.0	0.0
Dry Mass Density, (pcf)	82.5	82.9					
Height of Solids, (in)	1.441	1.447	Test Pressures During Test				
Void Ratio	1.082	1.071	Backpressure, psi		50		
Calculated Porosity, (%)	51.97	51.71	Effective Confining Stress, psi		5		

Specimen Dimensions		Initial	Final
Specimen Height, cm		7.62	7.61
Specimen Diameter, cm		10.16	10.14
Specimen Area, cm ²		81.06	80.73
Specimen Mass		Initial	Final
Initial Wet Mass, gms		1069	1135.7
Specific Gravity (Assumed)		2.75	
Traceability Items			
Caliper ID	3	Cell ID	T-1
Balance ID	2	CV Hg ID	1
Thermo ID	2		
Constants During Testing and Equipment			
Inflow Buret, (cm ² , ain)			0.7671
Outflow Buret, (cm ² , aout)			0.0314
Specific Gravity, (Ghg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain ² aout/ain+aout)			0.0302
Manometer, M2, (1+ aout/ain)			1.041
Sample, S=(Sample Length/ Sample Area)			0.0940
Test Constant, C=(M1*S/G)			0.000226

	Test	Data	
Elapsed Time (Minutes)	Cumulative Time (Minutes)	Permeability, k (cm/sec) (Uncorrected)	Corrected k For 20 c (cm/sec)
0	0.00		
10	10.00	2.7E-008	2.6E-008
10	20.00	2.6E-008	2.5E-008
10	30.00	2.6E-008	2.5E-008
10	40.00	3.1E-008	3.0E-008

Average Permeability, Corrected k:		2.6E-008
	15% of Average	3.9E-009
	High Steady State Limit:	3.0E-008
	Low Steady State Limit:	2.2E-008



		Trial	Flow	Readings					Test Fluid
Date	Clock Time	Elapsed	Inflow	Outflow	Gradient	Out/Inflow	Z out	T	Temp, c
	(hh:mm/60)	t, sec.			During Test	Ratio			
03.13.2026	12.0833	0	1.200	16.400	27.049			0.068	22
03.13.2026	12.2500	600	1.241	15.400	25.196	1.000	1.000	0.074	22
03.13.2026	12.4167	600	1.278	14.500	23.529	1.000	0.900	0.079	22
03.13.2026	12.5833	600	1.313	13.650	21.955	1.000	0.850	0.084	22
03.13.2026	12.7500	600	1.351	12.700	20.195	1.000	0.950	0.092	22

Initial Gradient;	30.00
Height of Mercury in Center Column, cm:	16.86
Unmeasured Flow, cm:	0.46

Unmeasured Flow, cm.	0.40
Remarks:	$k = C/t \ln [1-(Z_{out} T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.23.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0219 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

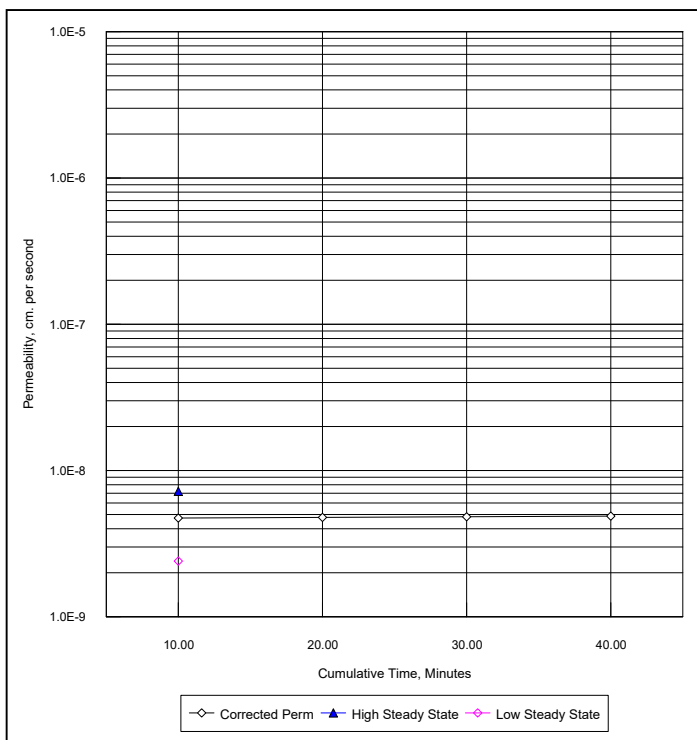
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	30.5	33.3	Maximum Dry Density, pcf			
Percent Saturation	94.4	101.1	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	118.6	120.0	Percent Compacted:			
Dry Mass Density, (pcf)	90.9	90.0				
Height of Solids, (in)	1.069	1.064	Test Pressures During Test			
Void Ratio	0.889	0.908	Backpressure, psi	50		
Calculated Porosity, (%)	47.06	47.58	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.13	5.15
Specimen Diameter, cm		7.25	7.27
Specimen Area, cm^2		41.29	41.50
Specimen Mass		Initial	Final
Initial Wet Mass, gms		402.3	411.1
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	1
Balance ID	3	CV Hg ID	1
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1242
Test Constant, C=(M1*S/G)			0.000299

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	Corrected k (cm/sec)
	5.0E-009
	4.7E-009
	5.0E-009
	4.8E-009
	5.1E-009
	4.8E-009
	5.1E-009
	4.9E-009

Average Permeability, Corrected k:	4.8E-009
50% of Average	2.4E-009
High Steady State Limit:	7.2E-009
Low Steady State Limit:	2.4E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	11.0000	0	1.500	12.000	27.764			0.099	22
02.27.2026	11.1667	600	1.504	11.900	27.489	1.000	0.100	0.100	22
02.27.2026	11.3333	600	1.508	11.800	27.213	1.000	0.100	0.101	22
02.27.2026	11.5000	600	1.512	11.700	26.938	1.000	0.100	0.102	22
02.27.2026	11.6667	600	1.516	11.600	26.663	1.000	0.100	0.103	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	11.35
Unmeasured Flow, cm:	-0.65

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.23.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0219 C	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

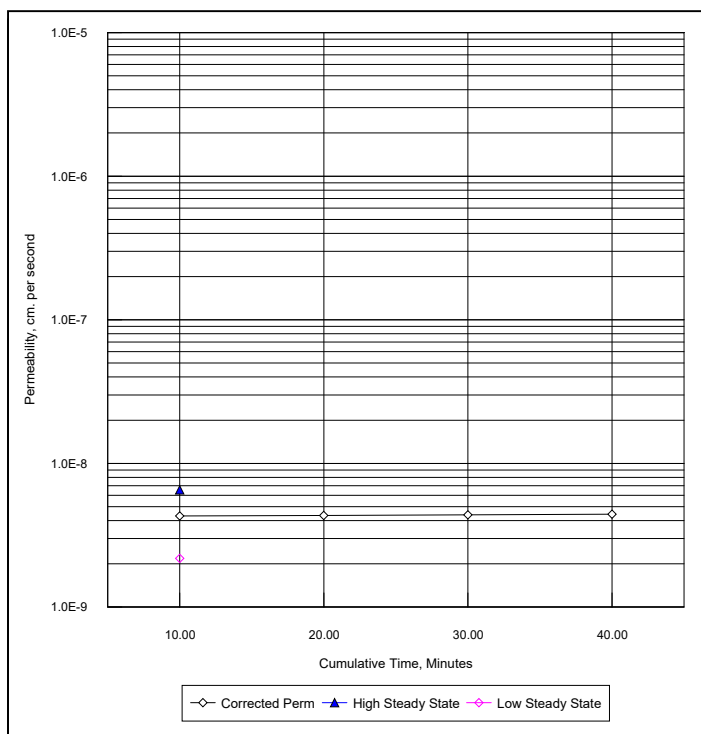
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	29.9	32.6	Maximum Dry Density, pcf			
Percent Saturation	91.7	98.5	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	117.5	119.1	Percent Compacted:			
Dry Mass Density, (pcf)	90.5	89.8				
Height of Solids, (in)	0.986	0.990	Test Pressures During Test			
Void Ratio	0.898	0.911	Backpressure, psi	50		
Calculated Porosity, (%)	47.31	47.68	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.75	4.81
Specimen Diameter, cm		7.25	7.24
Specimen Area, cm^2		41.32	41.15
Specimen Mass		Initial	Final
Initial Wet Mass, gms		369.67	377.32
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	2
Balance ID	3	CV Hg ID	2
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1150
Test Constant, C=(M1*S/G)			0.000277

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	4.5E-009
	4.3E-009
	4.6E-009
	4.4E-009

Average Permeability, Corrected k:	4.4E-009
50% of Average	2.2E-009
High Steady State Limit:	6.6E-009
Low Steady State Limit:	2.2E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	11.0167	0	1.100	11.800	30.531			0.097	22
02.27.2026	11.1833	600	1.104	11.700	30.234	1.000	0.100	0.098	22
02.27.2026	11.3500	600	1.108	11.600	29.937	1.000	0.100	0.099	22
02.27.2026	11.5167	600	1.112	11.500	29.640	1.000	0.100	0.100	22
02.27.2026	11.6833	600	1.116	11.400	29.343	1.000	0.100	0.101	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.51
Unmeasured Flow, cm:	-1.29

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0220 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

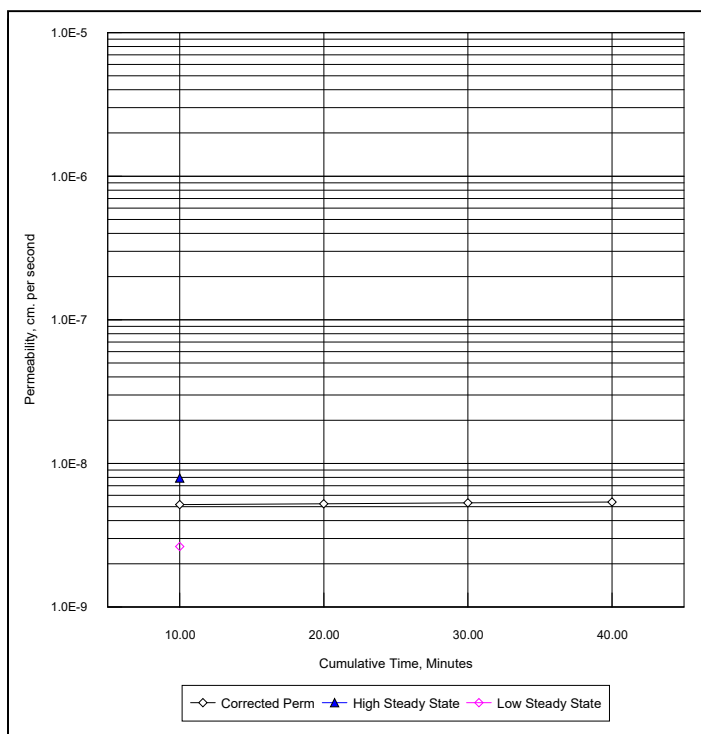
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	29.0	33.2	Maximum Dry Density, pcf			
Percent Saturation	91.8	95.6	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	118.4	116.9	Percent Compacted:			
Dry Mass Density, (pcf)	91.8	87.7				
Height of Solids, (in)	0.846	0.826	Test Pressures During Test			
Void Ratio	0.871	0.958	Backpressure, psi	50		
Calculated Porosity, (%)	46.56	48.92	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.02	4.10
Specimen Diameter, cm		7.23	7.32
Specimen Area, cm^2		41.06	42.08
Specimen Mass		Initial	Final
Initial Wet Mass, gms		313.16	323.37
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	6
Balance ID	3	CV Hg ID	7
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.0979
Test Constant, C=(M1*S/G)			0.000235

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	5.4E-009
	5.2E-009
	5.5E-009
	5.2E-009
	5.6E-009
	5.3E-009
	5.4E-009

Average Permeability, Corrected k:	5.3E-009
50% of Average	2.6E-009
High Steady State Limit:	7.9E-009
Low Steady State Limit:	2.6E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	11.0833	0	1.500	9.100	25.631			0.137	22
02.27.2026	11.2500	600	1.504	9.000	25.280	1.000	0.100	0.139	22
02.27.2026	11.4167	600	1.508	8.900	24.928	1.000	0.100	0.141	22
02.27.2026	11.5833	600	1.512	8.800	24.577	1.000	0.100	0.143	22
02.27.2026	11.7500	600	1.516	8.700	24.226	1.000	0.100	0.145	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	8.90
Unmeasured Flow, cm:	-0.20

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0220 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

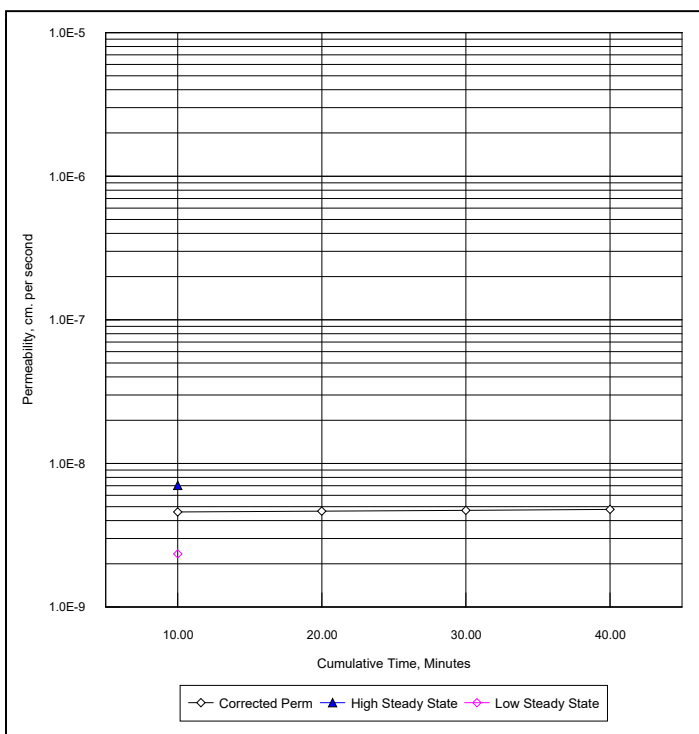
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	26.5	31.4	Maximum Dry Density, pcf			
Percent Saturation	94.9	104.4	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	122.8	123.4	Percent Compacted:			
Dry Mass Density, (pcf)	97.0	93.9				
Height of Solids, (in)	0.851	0.832	Test Pressures During Test			
Void Ratio	0.769	0.829	Backpressure, psi	50		
Calculated Porosity, (%)	43.49	45.31	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		3.83	3.87
Specimen Diameter, cm		7.24	7.33
Specimen Area, cm^2		41.21	42.14
Specimen Mass		Initial	Final
Initial Wet Mass, gms		310	322
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	7
Balance ID	3	CV Hg ID	6
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.0928
Test Constant, C=(M1*S/G)			0.000223

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) (Uncorrected)
	Corrected k For 20 c (cm/sec)
	4.8E-009
	4.9E-009
	4.9E-009
	5.0E-009

Average Permeability, Corrected k:	4.7E-009
50% of Average	2.3E-009
High Steady State Limit:	7.0E-009
Low Steady State Limit:	2.3E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	12.0000	0	1.400	9.500	28.713			0.129	22
02.27.2026	12.1667	600	1.404	9.400	28.344	1.000	0.100	0.130	22
02.27.2026	12.3333	600	1.408	9.300	27.975	1.000	0.100	0.132	22
02.27.2026	12.5000	600	1.412	9.200	27.606	1.000	0.100	0.134	22
02.27.2026	12.6667	600	1.416	9.100	27.238	1.000	0.100	0.135	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	8.46
Unmeasured Flow, cm:	-1.04

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Project Number:	2544	Specimen Received Date:	03.02.2026	Test Date:	03.13.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	03.10.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0221 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

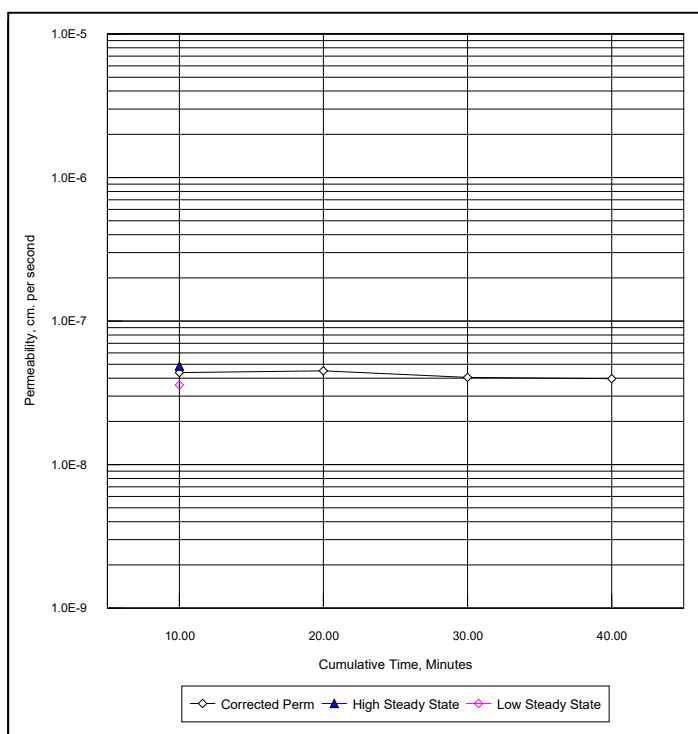
Special Selection or Preparation if Any:	
Recompacted Specimen	Permeant: D/A Water

Specimen Data	Initial	Final	Compaction Data		Proctor	Target	Difference
Moisture Content, (%)	24.8	35.2	Maximum Dry Density, pcf		90.1	85.6	0.0
Percent Saturation	67.9	96.5	Optimum Moisture Content, (%)		24.8	24.8	0.0
Wet Mass Density, (pcf)	106.8	115.8	Percent Compacted:	95.0		95.0	0.0
Dry Mass Density, (pcf)	85.6	85.7					
Height of Solids, (in)	1.496	1.496	Test Pressures During Test				
Void Ratio	1.006	1.004	Backpressure, psi		50		
Calculated Porosity, (%)	50.14	50.09	Effective Confining Stress, psi		5		

Specimen Dimensions		Initial	Final
Specimen Height, cm		7.62	7.61
Specimen Diameter, cm		10.16	10.16
Specimen Area, cm ²		81.06	81.06
Specimen Mass		Initial	Final
Initial Wet Mass, gms		1057.12	1145
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	3	Cell ID	T-4
Balance ID	2	CV Hg ID	4
Thermo ID	2		
Constants During Testing and Equipment			
Inflow Buret, (cm ² , ain)			0.7671
Outflow Buret, (cm ² , aout)			0.0314
Specific Gravity, (Gh - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain ² /aout/ain+aout)			0.0302
Manometer, M2, (1+ aout/ain)			1.041
Sample, S=(Sample Length/ Sample Area)			0.0940
Test Constant, C=(M1*S/G)			0.000226

	Test	Data	
Elapsed Time (Minutes)	Cumulative Time (Minutes)	Permeability, k (cm/sec) (Uncorrected)	Corrected k For 20 cm/sec
0	0.00		
10	10.00	4.6E-008	4.4E-008
10	20.00	4.7E-008	4.5E-008
10	30.00	4.2E-008	4.1E-008
10	40.00	4.2E-008	4.0E-008

Average Permeability, Corrected k:		4.2E-008
	15% of Average	6.3E-009
	High Steady State Limit:	4.9E-008
	Low Steady State Limit:	3.6E-008



		Trial	Flow	Readings					Test Fluid
Date	Clock Time	Elapsed	Inflow	Outflow	Gradient	Out/Inflow	Z out	T	Temp, c
	(hh:mm/60)	t, sec.			During Test	Ratio			
03.13.2026	11.0333	0	1.200	11.200	17.795			0.104	22
03.13.2026	11.2000	600	1.245	10.100	15.758	1.000	1.100	0.118	22
03.13.2026	11.3667	600	1.286	9.100	13.905	1.000	1.000	0.133	22
03.13.2026	11.5333	600	1.319	8.300	12.423	1.000	0.800	0.149	22
03.13.2026	11.7000	600	1.347	7.600	11.177	1.000	0.700	0.166	22

Initial Gradient;	30.00
Height of Mercury in Center Column, cm:	16.86
Unmeasured Flow, cm:	5.66

Unmeasured Flow, cm.	3.00
Remarks:	$k = C/t \ln [1-(Z_{out} T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084

Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0221 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

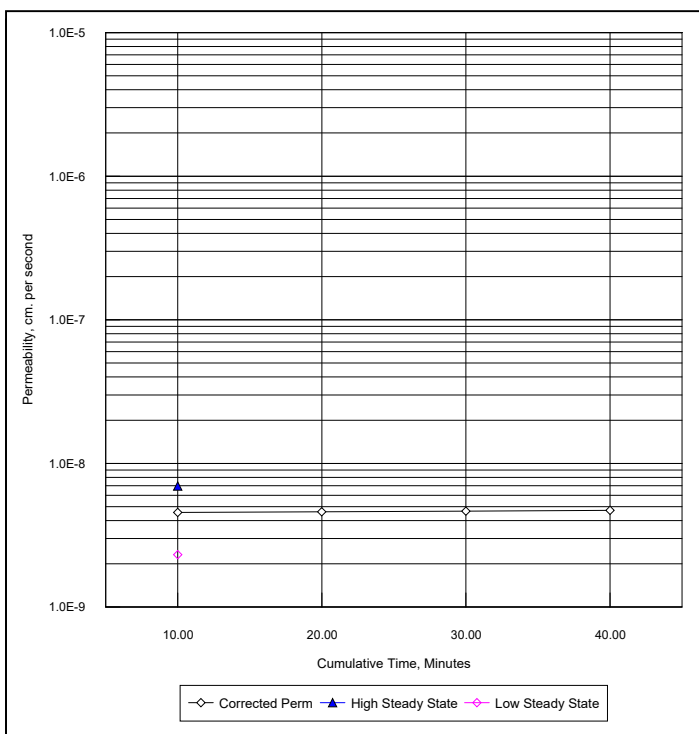
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	29.6	34.2	Maximum Dry Density, pcf			
Percent Saturation	89.4	101.9	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	116.4	119.8	Percent Compacted:			
Dry Mass Density, (pcf)	89.8	89.3				
Height of Solids, (in)	1.003	1.017	Test Pressures During Test			
Void Ratio	0.912	0.923	Backpressure, psi	50		
Calculated Porosity, (%)	47.69	47.99	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.87	4.97
Specimen Diameter, cm		7.27	7.22
Specimen Area, cm^2		41.50	40.95
Specimen Mass		Initial	Final
Initial Wet Mass, gms		376.99	390.19
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	4
Balance ID	3	CV Hg ID	4
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1174
Test Constant, C=(M1*S/G)			0.000282

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	4.8E-009
	4.6E-009
	4.8E-009
	4.6E-009
	4.9E-009
	4.7E-009
	4.9E-009
	4.7E-009

Average Permeability, Corrected k:	4.6E-009
50% of Average	2.3E-009
High Steady State Limit:	7.0E-009
Low Steady State Limit:	2.3E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	11.0500	0	1.100	11.400	28.669	1.000	0.100	0.101	22
02.27.2026	11.2167	600	1.104	11.300	28.379	1.000	0.100	0.102	22
02.27.2026	11.3833	600	1.108	11.200	28.090	1.000	0.100	0.103	22
02.27.2026	11.5500	600	1.112	11.100	27.800	1.000	0.100	0.104	22
02.27.2026	11.7167	600	1.116	11.000	27.510	1.000	0.100	0.105	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.78
Unmeasured Flow, cm:	-0.62

Remarks: $k = C/t \ln [1 - (Zout T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0222 A	Location:	N/A	Elevation:	NA
Specimen Condition:	Before Testing good	After Testing	good		

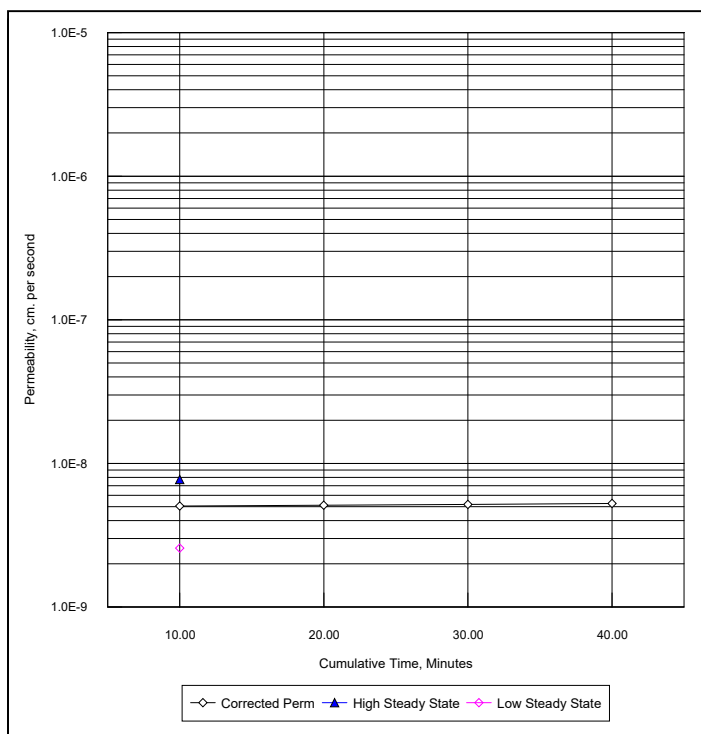
Special Selection or Preparation if Any:	
Permeant:	D/A Water

Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	28.2	30.7	Maximum Dry Density, pcf			
Percent Saturation	89.3	96.4	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	117.8	119.6	Percent Compacted:			
Dry Mass Density, (pcf)	91.9	91.5				
Height of Solids, (in)	0.858	0.856	Test Pressures During Test			
Void Ratio	0.869	0.876	Backpressure, psi	50		
Calculated Porosity, (%)	46.49	46.70	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.07	4.08
Specimen Diameter, cm		7.22	7.23
Specimen Area, cm^2		40.98	41.06
Specimen Mass		Initial	Final
Initial Wet Mass, gms		314.9	321.11
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	3
Balance ID	3	CV Hg ID	3
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.0994
Test Constant, C=(M1*S/G)			0.000239

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	5.3E-009
	5.1E-009
	5.2E-009
	5.3E-009

Average Permeability, Corrected k:	5.2E-009
50% of Average	2.6E-009
High Steady State Limit:	7.7E-009
Low Steady State Limit:	2.6E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	11.0333	0	1.800	9.700	26.294			0.132	22
02.27.2026	11.2000	600	1.804	9.600	25.947	1.000	0.100	0.134	22
02.27.2026	11.3667	600	1.808	9.500	25.601	1.000	0.100	0.135	22
02.27.2026	11.5333	600	1.812	9.400	25.254	1.000	0.100	0.137	22
02.27.2026	11.7000	600	1.816	9.300	24.908	1.000	0.100	0.139	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	9.01
Unmeasured Flow, cm:	-0.69

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0222 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

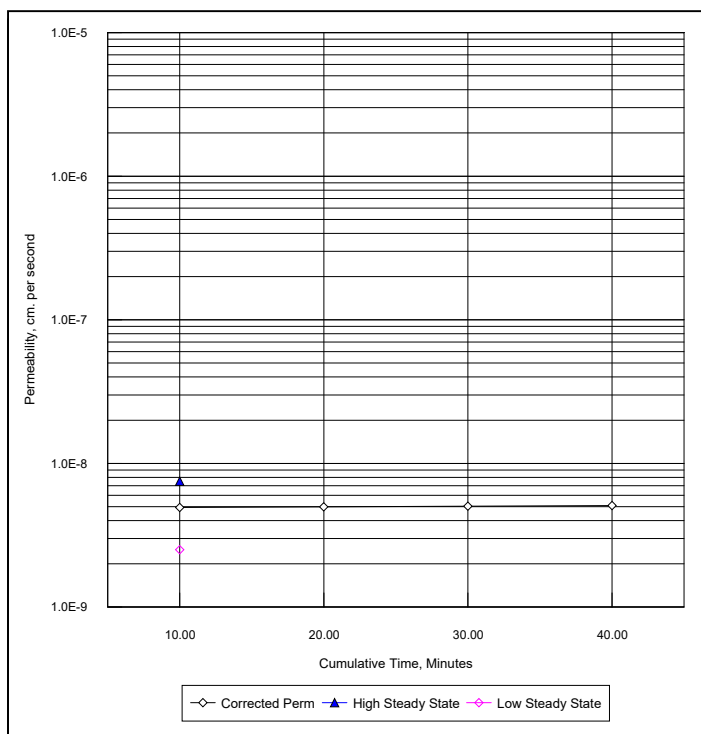
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	13.3	20.6	Maximum Dry Density, pcf			
Percent Saturation	61.3	97.0	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	121.8	130.6	Percent Compacted:			
Dry Mass Density, (pcf)	107.5	108.3				
Height of Solids, (in)	1.305	1.283	Test Pressures During Test			
Void Ratio	0.597	0.586	Backpressure, psi	50		
Calculated Porosity, (%)	37.38	36.94	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.29	5.17
Specimen Diameter, cm		7.22	7.28
Specimen Area, cm^2		40.89	41.58
Specimen Mass		Initial	Final
Initial Wet Mass, gms		422.3	449.7
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	8
Balance ID	3	CV Hg ID	1
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1295
Test Constant, C=(M1*S/G)			0.000311

	Test	Data	
Elapsed Time (Minutes)	Cumulative Time (Minutes)	Permeability, k (cm/sec) (Uncorrected)	Corrected k (cm/sec)
0	0.00		
10	10.00	5.2E-009	4.9E-009
10	20.00	5.2E-009	5.0E-009
10	30.00	5.3E-009	5.0E-009
10	40.00	5.3E-009	5.1E-009

Average Permeability, Corrected k:	5.0E-009
50% of Average	2.5E-009
High Steady State Limit:	7.5E-009
Low Steady State Limit:	2.5E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	12.0167	0	1.500	12.000	26.898			0.099	22
02.27.2026	12.1833	600	1.504	11.900	26.631	1.000	0.100	0.100	22
02.27.2026	12.3500	600	1.508	11.800	26.365	1.000	0.100	0.101	22
02.27.2026	12.5167	600	1.512	11.700	26.098	1.000	0.100	0.102	22
02.27.2026	12.6833	600	1.516	11.600	25.831	1.000	0.100	0.103	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	11.71
Unmeasured Flow, cm:	-0.29

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0222 C	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

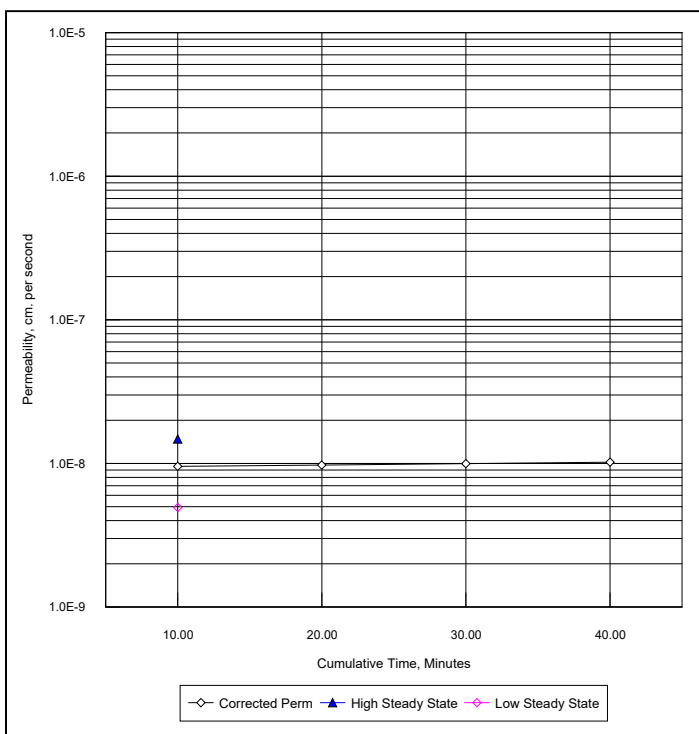
Special Selection or Preparation if Any:	
Permeant:	D/A Water

Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	28.4	32.7	Maximum Dry Density, pcf			
Percent Saturation	90.9	107.1	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	118.5	123.8	Percent Compacted:			
Dry Mass Density, (pcf)	92.3	93.3				
Height of Solids, (in)	1.004	1.019	Test Pressures During Test			
Void Ratio	0.860	0.841	Backpressure, psi	50		
Calculated Porosity, (%)	46.23	45.69	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.74	4.77
Specimen Diameter, cm		7.21	7.16
Specimen Area, cm^2		40.86	40.26
Specimen Mass		Initial	Final
Initial Wet Mass, gms		367.87	380.3
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	3	Cell ID	9
Balance ID	3	CV Hg ID	2
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1161
Test Constant, C=(M1*S/G)			0.000279

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00

Average Permeability, Corrected k:	9.9E-009
50% of Average	4.9E-009
High Steady State Limit:	1.5E-008
Low Steady State Limit:	4.9E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	12.0000	0	1.100	10.900	28.023			0.106	22
02.27.2026	12.1667	600	1.108	10.700	27.427	1.000	0.200	0.109	22
02.27.2026	12.3333	600	1.116	10.500	26.832	1.000	0.200	0.111	22
02.27.2026	12.5000	600	1.125	10.300	26.237	1.000	0.200	0.113	22
02.27.2026	12.6667	600	1.133	10.100	25.641	1.000	0.200	0.116	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.49
Unmeasured Flow, cm:	-0.41

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0222 D	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

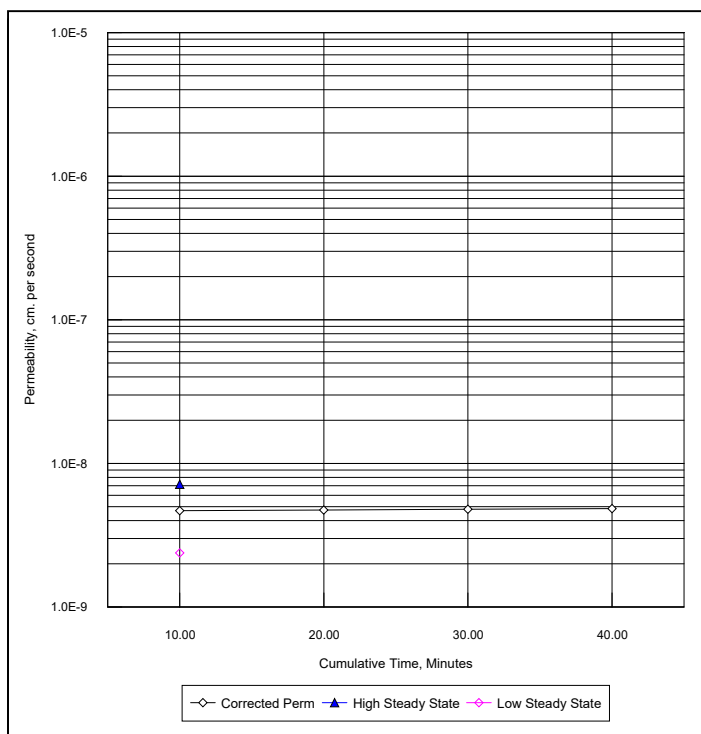
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	28.8	32.8	Maximum Dry Density, pcf			
Percent Saturation	97.4	98.6	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	121.9	119.0	Percent Compacted:			
Dry Mass Density, (pcf)	94.7	89.6				
Height of Solids, (in)	1.026	1.006	Test Pressures During Test			
Void Ratio	0.813	0.917	Backpressure, psi	50		
Calculated Porosity, (%)	44.86	47.83	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.73	4.90
Specimen Diameter, cm		7.24	7.31
Specimen Area, cm^2		41.18	41.99
Specimen Mass		Initial	Final
Initial Wet Mass, gms		380.21	392.13
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	10
Balance ID	3	CV Hg ID	3
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1148
Test Constant, C=(M1*S/G)			0.000276

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	4.9E-009
	5.0E-009
	5.0E-009
	5.1E-009
	4.7E-009
	4.7E-009
	4.8E-009
	4.8E-009

Average Permeability, Corrected k:	4.8E-009
50% of Average	2.4E-009
High Steady State Limit:	7.2E-009
Low Steady State Limit:	2.4E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	12.0500	0	1.400	11.200	28.113			0.106	22
02.27.2026	12.2167	600	1.404	11.100	27.814	1.000	0.100	0.107	22
02.27.2026	12.3833	600	1.408	11.000	27.516	1.000	0.100	0.109	22
02.27.2026	12.5500	600	1.412	10.900	27.217	1.000	0.100	0.110	22
02.27.2026	12.7167	600	1.416	10.800	26.918	1.000	0.100	0.111	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.46
Unmeasured Flow, cm:	-0.74

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0222 E	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

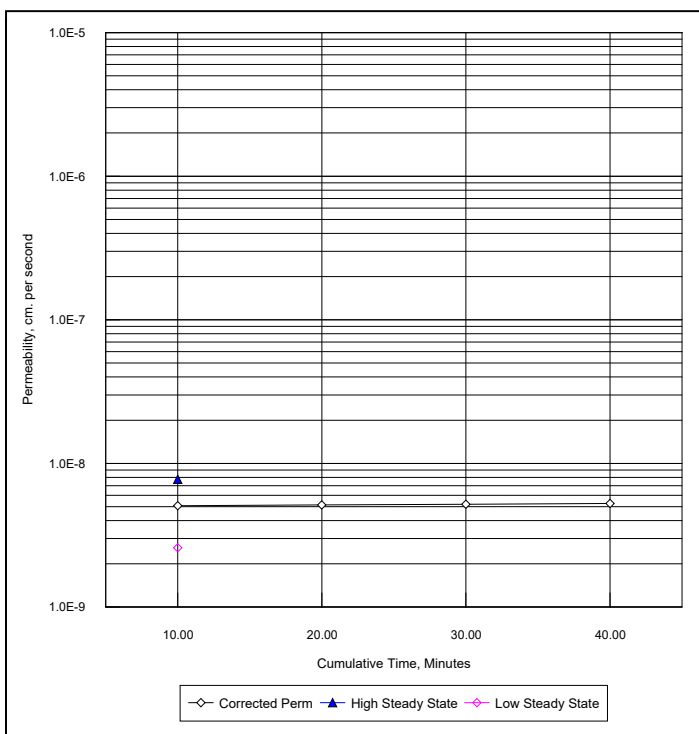
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	25.5	34.4	Maximum Dry Density, pcf			
Percent Saturation	93.3	95.9	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	122.9	116.1	Percent Compacted:			
Dry Mass Density, (pcf)	97.9	86.4				
Height of Solids, (in)	1.063	0.991	Test Pressures During Test			
Void Ratio	0.754	0.988	Backpressure, psi	50		
Calculated Porosity, (%)	42.98	49.70	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.73	5.00
Specimen Diameter, cm		7.19	7.44
Specimen Area, cm^2		40.57	43.52
Specimen Mass		Initial	Final
Initial Wet Mass, gms		378.22	404.98
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	11
Balance ID	3	CV Hg ID	4
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+(aout/ain))			1.041
Sample, S=(Sample Length/ Sample Area)			0.1167
Test Constant, C=(M1*S/G)			0.000281

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	5.3E-009
	5.1E-009
	5.2E-009
	5.3E-009

Average Permeability, Corrected k:	5.2E-009
50% of Average	2.6E-009
High Steady State Limit:	7.8E-009
Low Steady State Limit:	2.6E-009



Date	Clock Time (hh+mm/60)	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	12.0667	0	1.700	10.900	26.349			0.113	22
02.27.2026	12.2333	600	1.704	10.800	26.051	1.000	0.100	0.114	22
02.27.2026	12.4000	600	1.708	10.700	25.753	1.000	0.100	0.116	22
02.27.2026	12.5667	600	1.712	10.600	25.455	1.000	0.100	0.117	22
02.27.2026	12.7333	600	1.716	10.500	25.157	1.000	0.100	0.119	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.47
Unmeasured Flow, cm:	-0.43

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Results of Falling Head Permeability, ASTM D5084

Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	02.24.2026	Test Date:	02.27.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	02.24.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0222 F	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

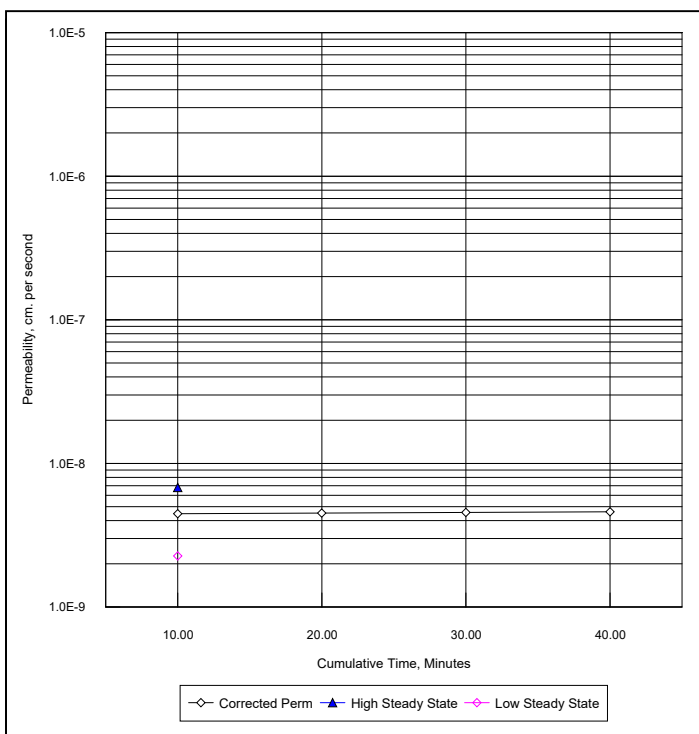
Special Selection or Preparation if Any:	
Permeant:	D/A Water

Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	28.3	33.0	Maximum Dry Density, pcf			
Percent Saturation	93.3	97.1	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	120.0	118.0	Percent Compacted:			
Dry Mass Density, (pcf)	93.6	88.7				
Height of Solids, (in)	1.010	0.986	Test Pressures During Test			
Void Ratio	0.835	0.935	Backpressure, psi	50		
Calculated Porosity, (%)	45.51	48.32	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.71	4.85
Specimen Diameter, cm		7.26	7.35
Specimen Area, cm^2		41.38	42.40
Specimen Mass		Initial	Final
Initial Wet Mass, gms		374.71	388.42
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	12
Balance ID	3	CV Hg ID	5
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1138
Test Constant, C=(M1*S/G)			0.000274

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	4.7E-009
	4.7E-009
	4.8E-009
	4.6E-009
	4.6E-009

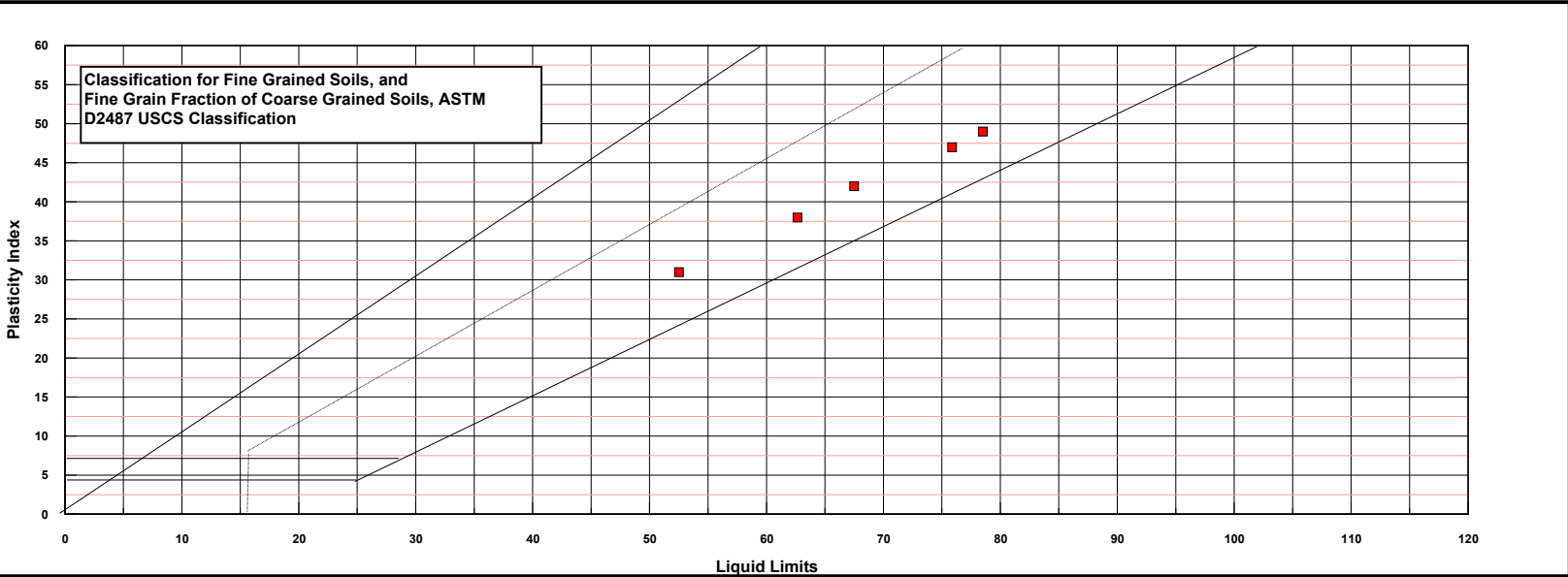
Average Permeability, Corrected k:	4.5E-009
50% of Average	2.3E-009
High Steady State Limit:	6.8E-009
Low Steady State Limit:	2.3E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
02.27.2026	12.0000	0	1.100	11.300	29.371			0.102	22
02.27.2026	12.1667	600	1.104	11.200	29.071	1.000	0.100	0.103	22
02.27.2026	12.3333	600	1.108	11.100	28.771	1.000	0.100	0.104	22
02.27.2026	12.5000	600	1.112	11.000	28.472	1.000	0.100	0.105	22
02.27.2026	12.6667	600	1.116	10.900	28.172	1.000	0.100	0.106	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.42
Unmeasured Flow, cm:	-0.88

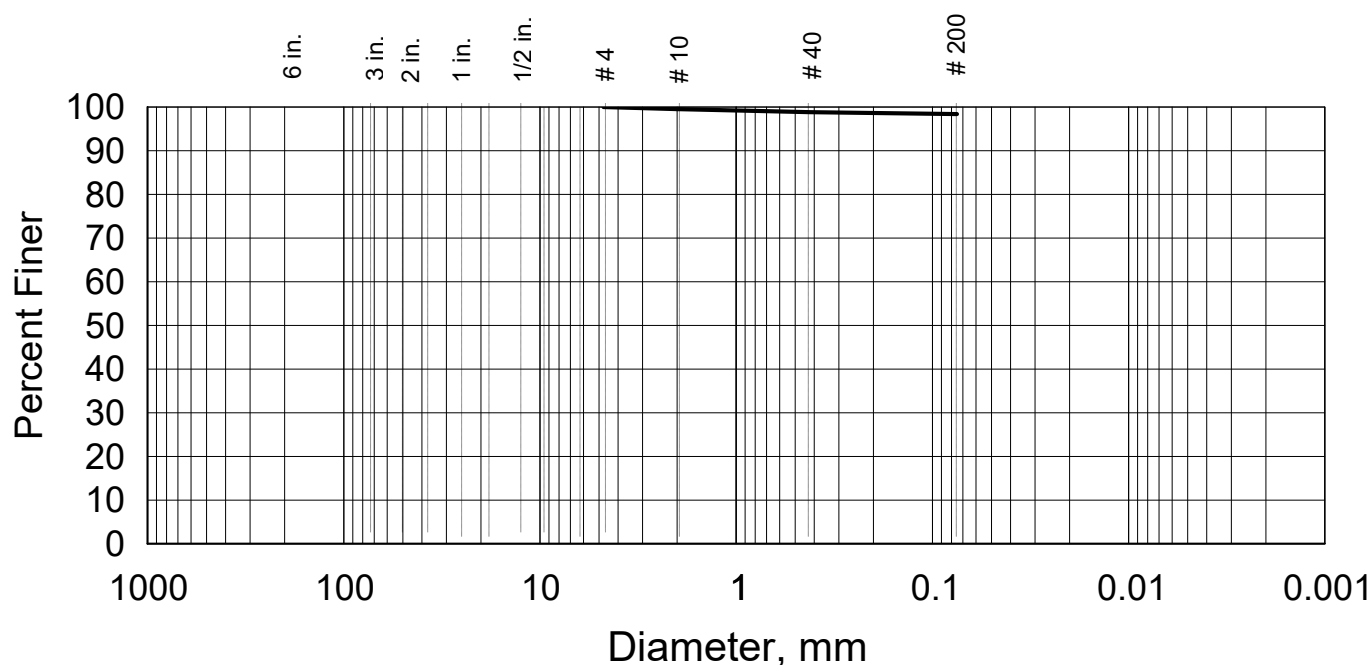
Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$



Project Name:	Green Bay, Cell 6	Client's Project No.	N/A	ASTM D2217/AASHTO R-74, Method B, Moist Sample Preparation
Project Number:	2544	Project Location:	Arkansas	ASTM D4318, Method A - or - Method B, Liquid and Plastic Limits
Client:	Green Bay Packaging			ASTM D422/D1140 - or - D6913/D7928 - or - C136/C117, Grain Size Analysis

Project Test Count, This Page	Sample Number and Locations	Liquid Limits	Plasticity Index	Percent Gravel	Percent Fines (Minus #200)	Natural Moisture, %	Sample Description/Classification
1	1118 A	99	65	0.1	95.6	30.4	Red/Brown CH, fat clay,
2	1118 B	67	42	0.0	98.9	25.9	Red/Brown CH, fat clay,
3	1219 A	53	31	47.8	17.2	17.6	Brown SC, clayey sand,
4	1219 B	63	38	0.0	96.6	24.6	Red/Brown CH, fat clay,
5	0114 A			0.0	97.0	33.8	
6	0114 B			0.1	96.1	32.0	
7	0219 A	100	65	0.0	97.9	31.5	Brown CH, fat clay,
8	0223 A	76	47	0.0	98.4	26.1	Red/Brown CH, fat clay,
9	0227 A	79	49	0.0	98.1	25.3	Red/Brown CH, fat clay,
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Particle Distribution Test Result



Grain-size Analysis ASTM D6913/D1140

Proj. Name: Green Bay, Cell 6		Gravel, %	Sand, %	Silt, %	Clay, %	LL	PI
Project No.: 2544		0.0	1.6			76	47
Report Date 02.26.2026	Log-in Date 02.24.2026	Description and Classification					
Project Loc. Arkansas		Red/Brown	CH, fat clay,				
		Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "		2.5 "		3/8 "	
0223 A Bulk Sample		5 "		2 "		1/4 "	
Remarks: NMC, % 26.1		4.5 "		1- 1/2 "		100.0	
Moist Method, ASTM D6913 - D1140	Bulk	4 "		1 "		# 10 99.5	
	Sample wt., kg	3.5 "		3/4 "		# 40 98.8	
		3 "		1/2 "		# 200 98.4	

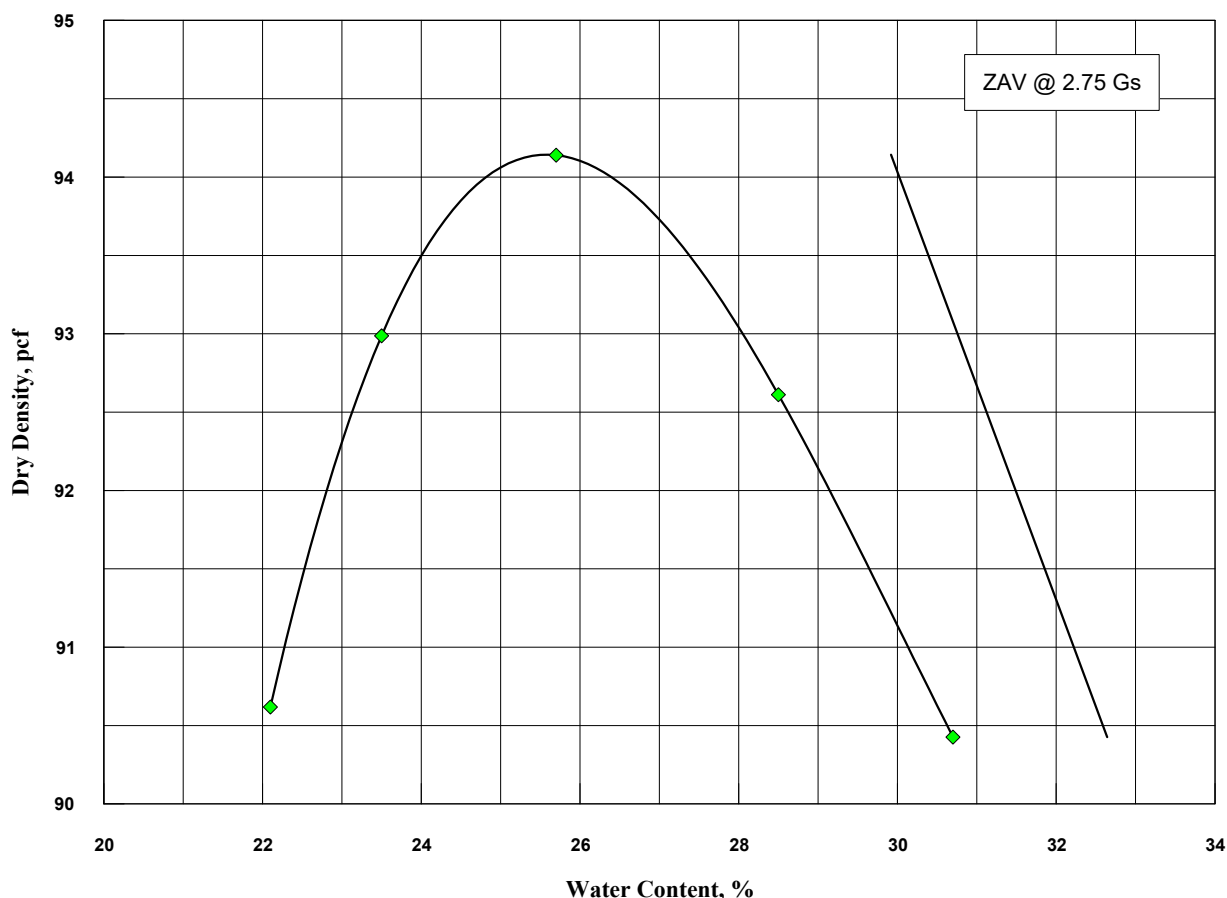
Sedimentation ASTM D7928

Hygroscopic Moisture Content Data		Hydrometer Specimen Wet wt.		Traceability Items	
WS+t	0.00	Hydrometer Specimen Dry wt.		Balance ID	1 2
DS+T	0.00	Assumed Gs		Therm ID	58981 NA
Tare wt	0.00	Percent <#40 based on complete specimen		Flask ID	1 NA
Moist Ratio	ERR	Calculated biased weight		Bulb ID	1 152H
		Composite Correction at 20 deg C		Sol Mix, ml	125 NA
		Meniscus Correction only		Tested By	JMB BMG

Hydrometer Reading Data			Temp.	Corrected			Effective	Diameter, mm	Percent
Time, min.	Readings	Temp.	Correction, Ct	Reading, Rc	K	Rm	depth		finer
2	0	0		-6		1	16.13	0.0000	
5	0	0		-6		1	16.13	0.0000	
15	0	0		-6		1	16.13	0.0000	
30	0	0		-6		1	16.13	0.0000	
60	0	0		-6		1	16.13	0.0000	
240	0	0		-6		1	16.13	0.0000	
600	0	0		-6		1	16.13	0.0000	

Laboratory Compaction Test

ASTM D698, Standard Compaction Test, Mechanical Rammer Method B, Moist Method



Report Date: 03.01.2026	Received Date: 02.26.2026	Ran by: JMB	Checked by: BMG
Max. Dry Density, pcf: 94.1		OMC, %: 25.6	
Corrected for Oversize: N/A		Corrected: N/A	

Project: Green Bay, Cell 6 **Client:** Green Bay Packaging

Project Number: 2544 **Sample Location:** 0223 A

Sample Description: Red/Brown CH, fat clay,

LL	PL	PI	NMC	Traceability Items			
76	29	47	26.1	Balance ID	Hammer ID	Mold ID	Other
Gravel, %	Sand, %	Clay, %	P-200	1	1S	A	
N/A	1.6	N/A	98.4	2	Page ID	0223 A	Compaction

Results of Falling Head Permeability, ASTM D5084 Recompacted Specimen

Project Number:	2544	Specimen Received Date:	02.26.2026	Test Date:	03.13.2026
Project Name:	Green Bay, Cell 6	Specimen Loaded into Cell:	03.01.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0223 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

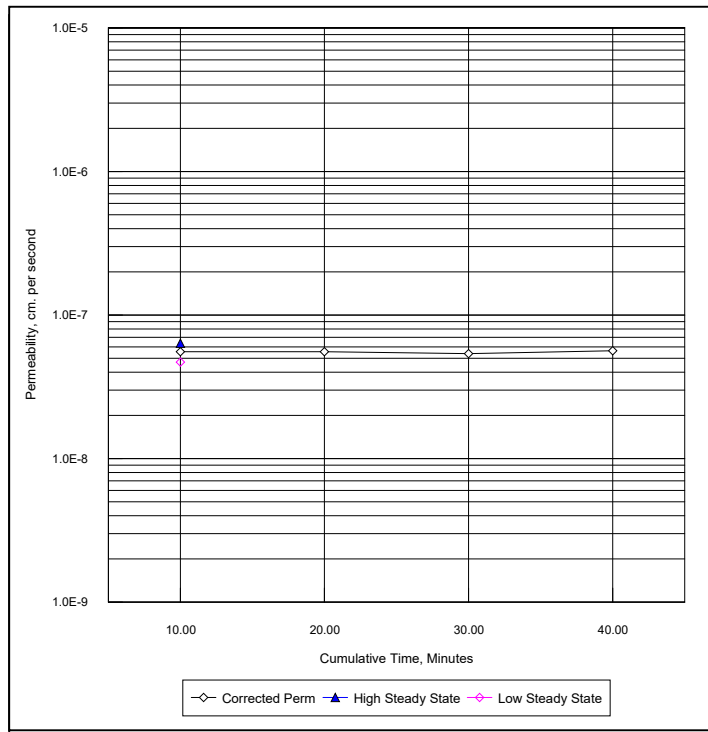
Special Selection or Preparation if Any: Recompacted Specimen	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	25.6	34.6	Maximum Dry Density, pcf	94.1	89.4	0.0
Percent Saturation	76.6	103.9	Optimum Moisture Content, (%)	25.6	25.6	0.0
Wet Mass Density, (pcf)	112.3	120.6	Percent Compacted:	95.0	95.0	0.0
Dry Mass Density, (pcf)	89.4	89.6				
Height of Solids, (in)	1.562	1.562	Test Pressures During Test			
Void Ratio	0.920	0.916	Backpressure, psi	50		
Calculated Porosity, (%)	47.93	47.81	Effective Confining Stress, psi	5		

Specimen Dimensions		Initial	Final
Specimen Height, cm		7.62	7.60
Specimen Diameter, cm		10.16	10.16
Specimen Area, cm^2		81.06	81.06
Specimen Mass		Initial	Final
Initial Wet Mass, gms		1111.13	1190.5
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	3	Cell ID	T-2
Balance ID	2	CV Hg ID	2
Thermo ID	2		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.0940
Test Constant, C=(M1*S/G)			0.000226

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	5.8E-008
	5.6E-008
	5.4E-008
	5.6E-008

Average Permeability, Corrected k:	5.5E-008
15% of Average	8.3E-009
High Steady State Limit:	6.4E-008
Low Steady State Limit:	4.7E-008



Date	Clock Time (hh:mm:ss)	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
03.13.2026	11.0167	0	1.400	11.600	18.151			0.102	22
03.13.2026	11.1833	600	1.457	10.200	15.558	1.000	1.400	0.119	22
03.13.2026	11.3500	600	1.506	9.000	13.335	1.000	1.200	0.139	22
03.13.2026	11.5167	600	1.547	8.000	11.483	1.000	1.000	0.161	22
03.13.2026	11.6833	600	1.584	7.100	9.816	1.000	0.900	0.189	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	16.86
Unmeasured Flow, cm:	5.26

Remarks: $k = C/t \ln [1 - (Z_{out} T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	03.02.2026	Test Date:	03.06.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	03.03.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0223 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

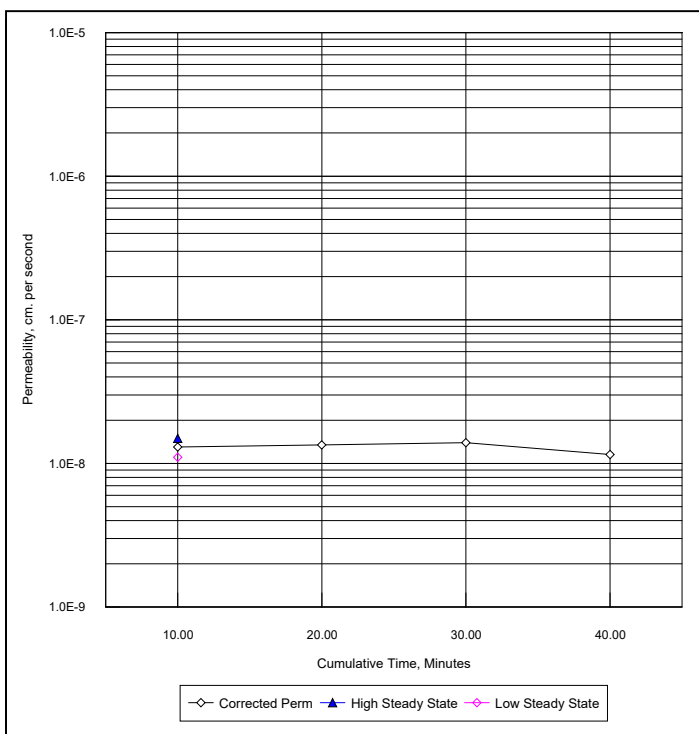
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	25.4	35.0	Maximum Dry Density, pcf			
Percent Saturation	84.1	96.7	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	117.6	116.1	Percent Compacted:			
Dry Mass Density, (pcf)	93.8	86.0				
Height of Solids, (in)	0.879	0.834	Test Pressures During Test			
Void Ratio	0.831	0.996	Backpressure, psi	50		
Calculated Porosity, (%)	45.38	49.91	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.09	4.23
Specimen Diameter, cm		7.19	7.38
Specimen Area, cm^2		40.57	42.78
Specimen Mass		Initial	Final
Initial Wet Mass, gms		312.51	336.48
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	15
Balance ID	3	CV Hg ID	7
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1008
Test Constant, C=(M1*S/G)			0.000242

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	0
	10
	20
	30
	40

Average Permeability, Corrected k:	1.3E-008
15% of Average	1.9E-009
High Steady State Limit:	1.5E-008
Low Steady State Limit:	1.1E-008



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
03.06.2026	11.0000	0	1.500	9.350	26.030			0.133	22
03.06.2026	11.1667	600	1.510	9.100	25.167	1.000	0.250	0.137	22
03.06.2026	11.3333	600	1.520	8.850	24.304	1.000	0.250	0.142	22
03.06.2026	11.5000	600	1.531	8.600	23.441	1.000	0.250	0.147	22
03.06.2026	11.6667	600	1.539	8.400	22.751	1.000	0.200	0.152	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	9.05
Unmeasured Flow, cm:	-0.30

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084

Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	03.02.2026	Test Date:	03.06.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	03.03.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0223 C	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

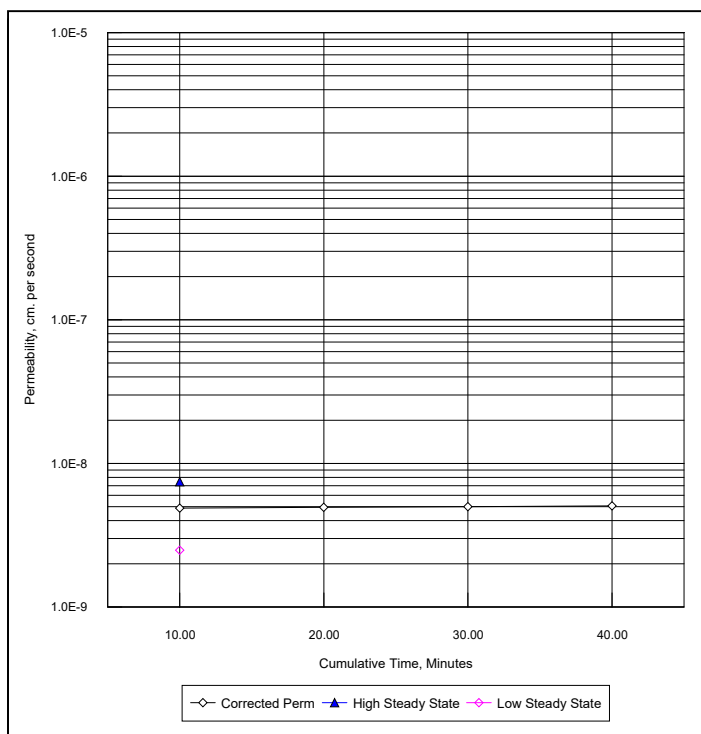
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	25.9	30.3	Maximum Dry Density, pcf			
Percent Saturation	89.8	101.3	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	120.5	122.7	Percent Compacted:			
Dry Mass Density, (pcf)	95.7	94.2				
Height of Solids, (in)	0.990	0.974	Test Pressures During Test			
Void Ratio	0.793	0.822	Backpressure, psi	50		
Calculated Porosity, (%)	44.24	45.13	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.51	4.51
Specimen Diameter, cm		7.23	7.29
Specimen Area, cm^2		41.09	41.76
Specimen Mass		Initial	Final
Initial Wet Mass, gms		357.68	370.13
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	14
Balance ID	3	CV Hg ID	6
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1097
Test Constant, C=(M1*S/G)			0.000264

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec)
	Corrected k For 20 c (cm/sec)
	(Uncorrected)
	(cm/sec)
	5.1E-009
	4.9E-009
	5.2E-009
	5.0E-009
	5.3E-009
	5.1E-009

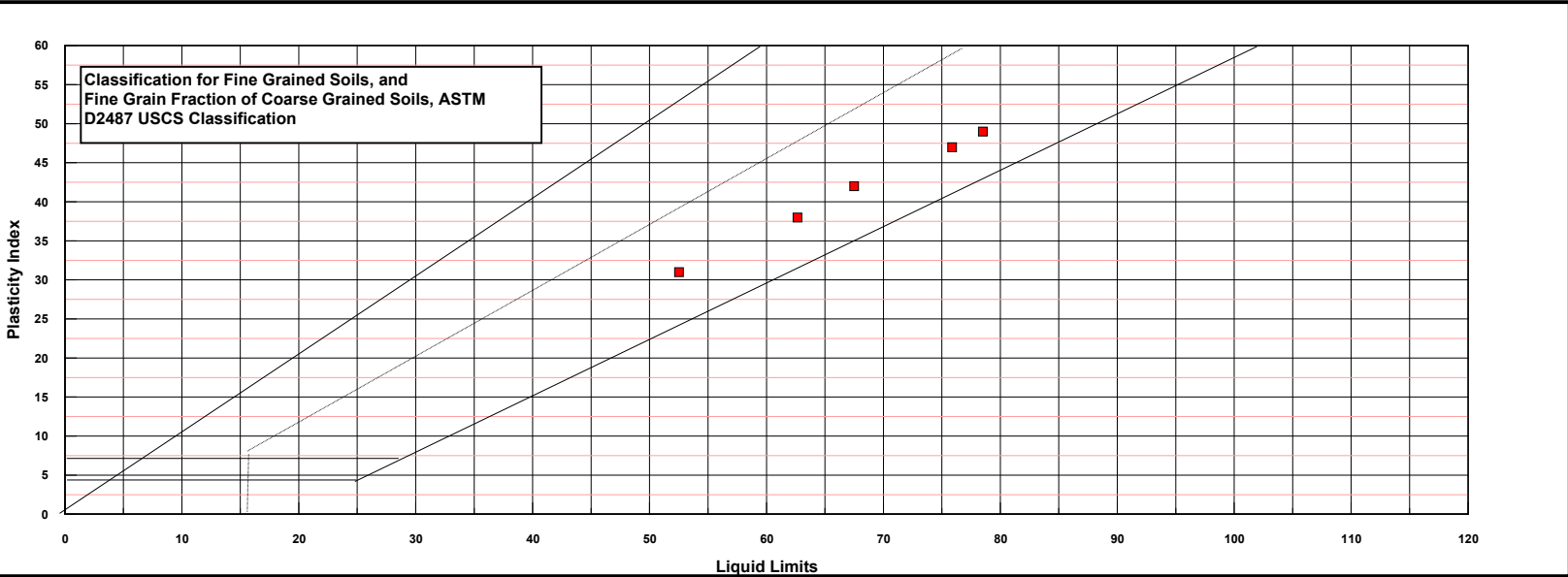
Average Permeability, Corrected k:	5.0E-009
50% of Average	2.5E-009
High Steady State Limit:	7.5E-009
Low Steady State Limit:	2.5E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
03.06.2026	1.0000	0	1.500	10.500	27.069			0.116	22
03.06.2026	1.1667	600	1.504	10.400	26.756	1.000	0.100	0.117	22
03.06.2026	1.3333	600	1.508	10.300	26.443	1.000	0.100	0.118	22
03.06.2026	1.5000	600	1.512	10.200	26.130	1.000	0.100	0.120	22
03.06.2026	1.6667	600	1.516	10.100	25.817	1.000	0.100	0.121	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	9.97
Unmeasured Flow, cm:	-0.53

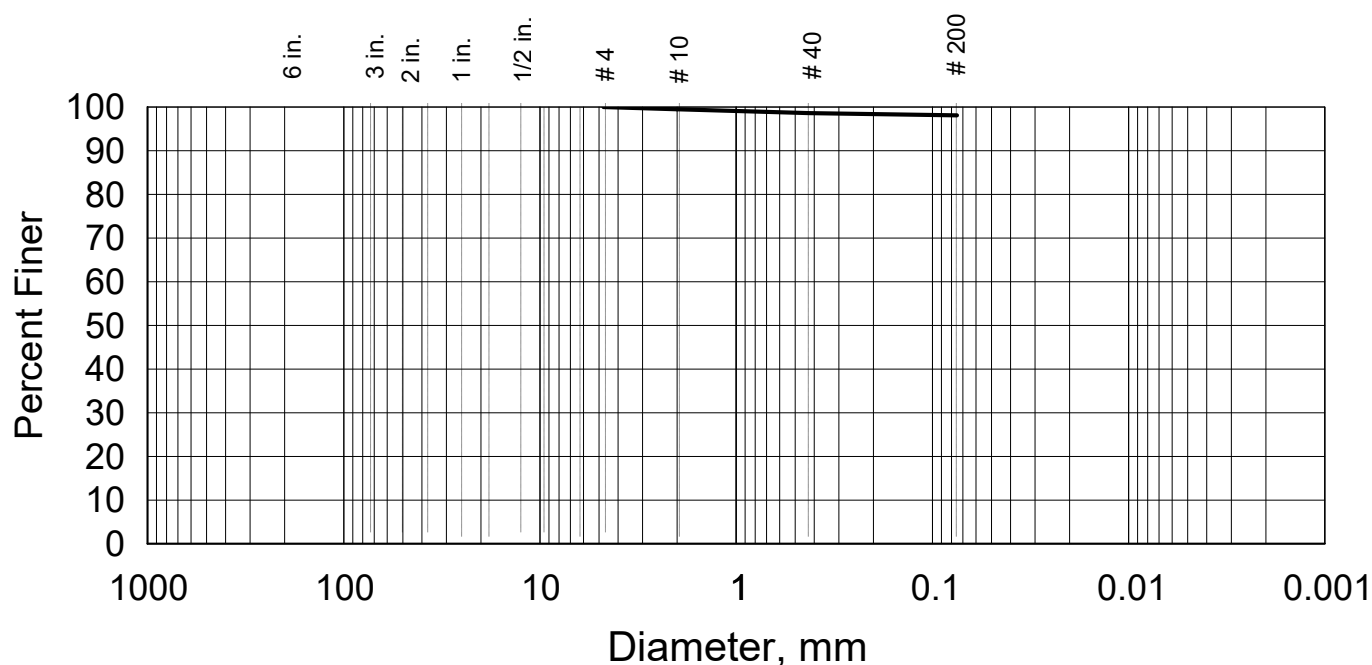
Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$



Project Name:	Green Bay, Cell 6	Client's Project No.	N/A	ASTM D2217/AASHTO R-74, Method B, Moist Sample Preparation
Project Number:	2544	Project Location:	Arkansas	ASTM D4318, Method A - or - Method B, Liquid and Plastic Limits
Client:	Green Bay Packaging			ASTM D422/D1140 - or - D6913/D7928 - or - C136/C117, Grain Size Analysis

Project Test Count, This Page	Sample Number and Locations	Liquid Limits	Plasticity Index	Percent Gravel	Percent Fines (Minus #200)	Natural Moisture, %	Sample Description/Classification
1	1118 A	99	65	0.1	95.6	30.4	Red/Brown CH, fat clay,
2	1118 B	67	42	0.0	98.9	25.9	Red/Brown CH, fat clay,
3	1219 A	53	31	47.8	17.2	17.6	Brown SC, clayey sand,
4	1219 B	63	38	0.0	96.6	24.6	Red/Brown CH, fat clay,
5	0114 A			0.0	97.0	33.8	
6	0114 B			0.1	96.1	32.0	
7	0219 A	100	65	0.0	97.9	31.5	Brown CH, fat clay,
8	0223 A	76	47	0.0	98.4	26.1	Red/Brown CH, fat clay,
9	0227 A	79	49	0.0	98.1	25.3	Red/Brown CH, fat clay,
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Particle Distribution Test Result



Grain-size Analysis ASTM D6913/D1140

Proj. Name:	Green Bay, Cell 6	Gravel, %	Sand, %	Silt, %	Clay, %	LL	PI
Project No.:	2544	0.0	1.9			79	49
Report Date	03.03.2026	Description and Classification					
Log-in Date	03.01.2026	CH, fat clay,					
Project Loc.	Arkansas	Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "	2.5 "	3/8 "			
0227 A	Bulk Sample	5 "	2 "	1/4 "			
Remarks:	NMC, %	25.3	4.5 "	1- 1/2 "	# 4	100.0	
Moist Method, ASTM D6913 - D1140	Bulk	4 "	1 "	# 10	99.5		
	Sample wt., kg	3.5 "	3/4 "	# 40	98.6		
		3 "	1/2 "	# 200	98.1		

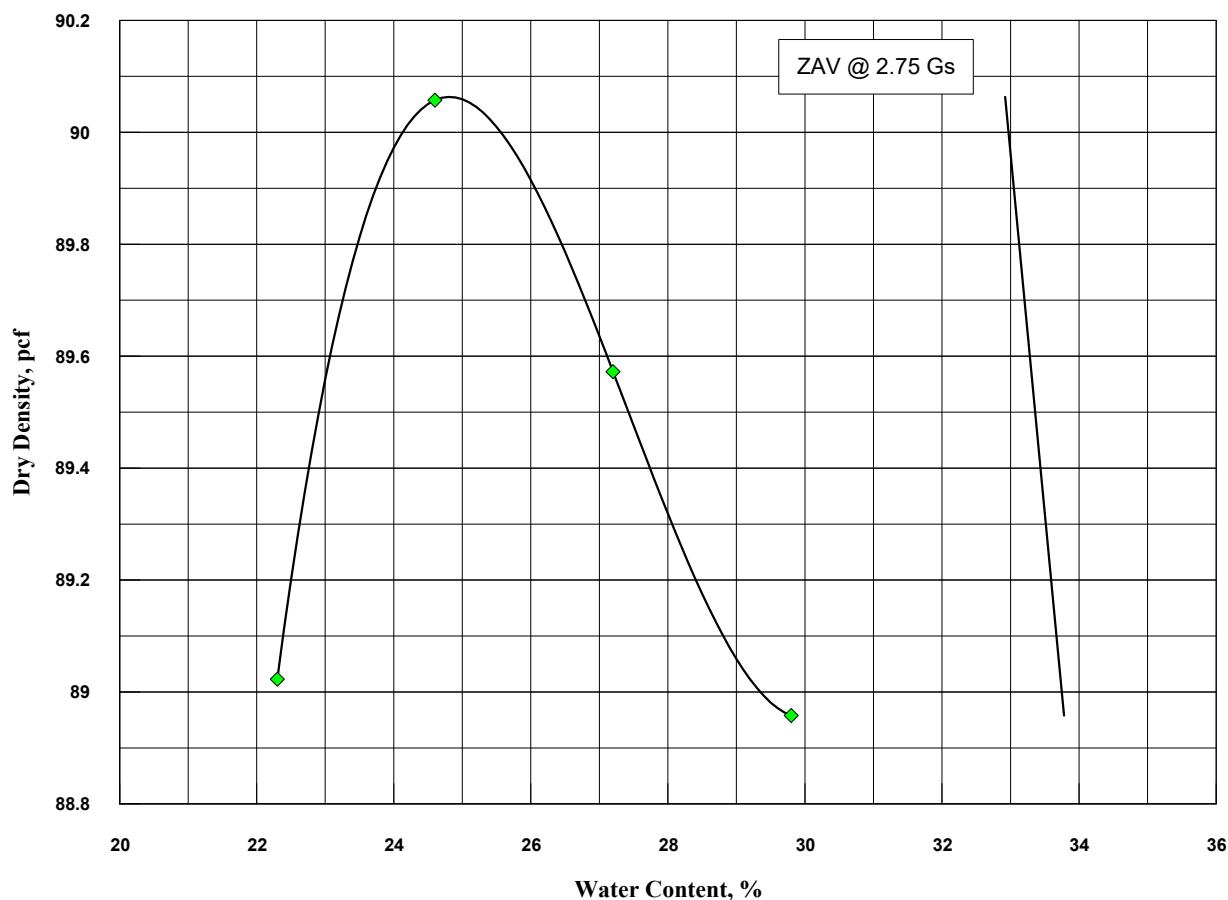
Sedimentation ASTM D7928

Hygroscopic Moisture Content Data		Hydrometer Specimen Wet wt.		Traceability Items	
WS+t	0.00	Hydrometer Specimen Dry wt.	0.00	Balance ID	1 2
DS+T	0.00	Assumed Gs	ERR	Therm ID	58981 NA
Tare wt	0.00	Percent <#40 based on complete specimen	2.75	Flask ID	1 NA
Moist Ratio	ERR	Calculated biased weight	98.64	Bulb ID	1 152H
		Composite Correction at 20 deg C	ERR	Sol Mix, ml	125 NA
		Meniscus Correction only	-6	Tested By	JMB BMG
			1		

Hydrometer Reading Data			Temp.	Corrected		Effective	Diameter, mm	Percent
Time, min.	Readings	Temp.	Correction, Ct	Reading, Rc	K	Rm	depth	finer
2	0	0		-6		1	16.13	0.0000
5	0	0		-6		1	16.13	0.0000
15	0	0		-6		1	16.13	0.0000
30	0	0		-6		1	16.13	0.0000
60	0	0		-6		1	16.13	0.0000
240	0	0		-6		1	16.13	0.0000
600	0	0		-6		1	16.13	0.0000

Laboratory Compaction Test

ASTM D698, Standard Compaction Test, Mechanical Rammer Method B, Moist Method



Report Date: 03.10.2026	Received Date: 03.02.2026	Ran by: JMB	Checked by: BMG
Max. Dry Density, pcf: 90.1		OMC, %: 24.8	
Corrected for Oversize: N/A		Corrected: N/A	

Project: Green Bay, Cell 6 **Client:** Green Bay Packaging

Project Number: 2544 **Sample Location:** 0227 A

Sample Description: Red/Brown CH, fat clay,

LL	PL	PI	NMC	Traceability Items			
79	30	49	25.3	Balance ID	Hammer ID	Mold ID	Other
Gravel, %	Sand, %	Clay, %	P-200	1	1S	A	
N/A	1.9	N/A	98.1	2	Page ID	0227 A	Compaction

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	03.02.2026	Test Date:	03.06.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	03.03.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0227 A	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

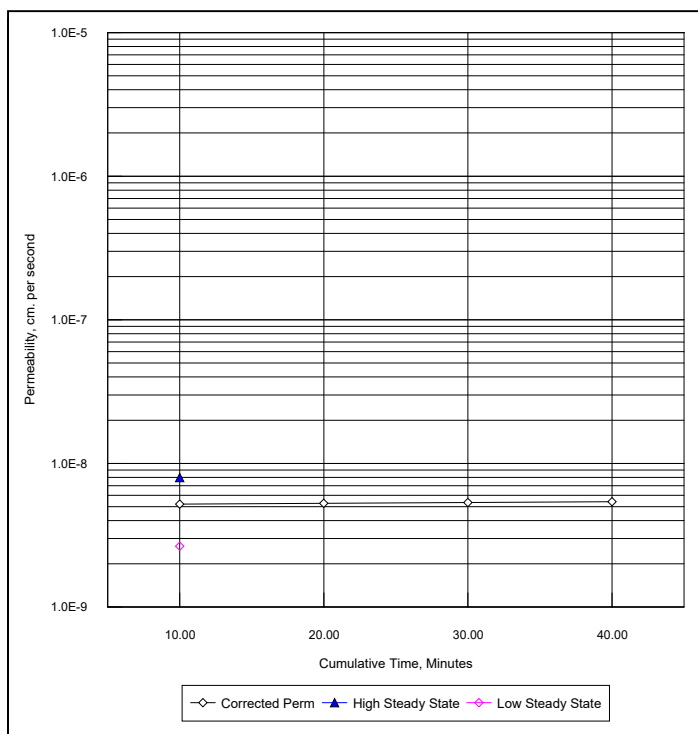
Special Selection or Preparation if Any:	
Permeant:	D/A Water

Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	28.3	34.0	Maximum Dry Density, pcf			
Percent Saturation	91.3	97.6	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	118.9	117.4	Percent Compacted:			
Dry Mass Density, (pcf)	92.7	87.6				
Height of Solids, (in)	0.959	0.915	Test Pressures During Test			
Void Ratio	0.852	0.960	Backpressure, psi	50		
Calculated Porosity, (%)	46.01	48.98	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.51	4.56
Specimen Diameter, cm		7.25	7.42
Specimen Area, cm^2		41.32	43.28
Specimen Mass		Initial	Final
Initial Wet Mass, gms		355.06	370.96
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	5
Balance ID	3	CV Hg ID	5
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1092
Test Constant, C=(M1*S/G)			0.000262

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	5.5E-009
	5.5E-009
	5.6E-009
	5.7E-009
	5.4E-009

Average Permeability, Corrected k:	5.3E-009
50% of Average	2.7E-009
High Steady State Limit:	8.0E-009
Low Steady State Limit:	2.7E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
03.06.2026	11.0667	0	1.600	10.000	25.250			0.124	22
03.06.2026	11.2333	600	1.604	9.900	24.937	1.000	0.100	0.125	22
03.06.2026	11.4000	600	1.608	9.800	24.624	1.000	0.100	0.127	22
03.06.2026	11.5667	600	1.612	9.700	24.311	1.000	0.100	0.129	22
03.06.2026	11.7333	600	1.616	9.600	23.998	1.000	0.100	0.130	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	9.98
Unmeasured Flow, cm:	-0.02

Remarks: $k = C/t \ln [1 - (Zout T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	03.02.2026	Test Date:	03.06.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	03.03.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0227 B	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

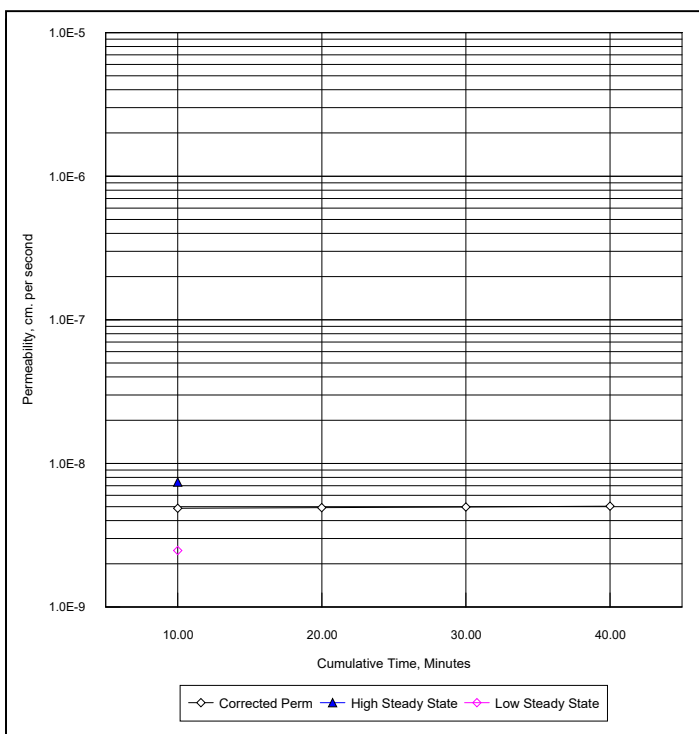
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	26.4	33.7	Maximum Dry Density, pcf			
Percent Saturation	95.0	99.7	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	123.0	118.9	Percent Compacted:			
Dry Mass Density, (pcf)	97.3	89.0				
Height of Solids, (in)	1.042	1.008	Test Pressures During Test			
Void Ratio	0.765	0.930	Backpressure, psi	50		
Calculated Porosity, (%)	43.33	48.18	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.67	4.94
Specimen Diameter, cm		7.22	7.34
Specimen Area, cm^2		40.89	42.28
Specimen Mass		Initial	Final
Initial Wet Mass, gms		376.28	398
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	18
Balance ID	3	CV Hg ID	4
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain^aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1142
Test Constant, C=(M1*S/G)			0.000275

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	Corrected k (cm/sec)
	5.1E-009
	5.2E-009
	5.2E-009
	5.3E-009

Average Permeability, Corrected k:	5.0E-009
50% of Average	2.5E-009
High Steady State Limit:	7.4E-009
Low Steady State Limit:	2.5E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
03.06.2026	1.0500	0	1.300	10.700	27.288			0.111	22
03.06.2026	1.2167	600	1.304	10.600	26.986	1.000	0.100	0.112	22
03.06.2026	1.3833	600	1.308	10.500	26.684	1.000	0.100	0.113	22
03.06.2026	1.5500	600	1.312	10.400	26.381	1.000	0.100	0.115	22
03.06.2026	1.7167	600	1.316	10.300	26.079	1.000	0.100	0.116	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.33
Unmeasured Flow, cm:	-0.37

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	03.02.2026	Test Date:	03.06.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	03.03.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0227 C	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

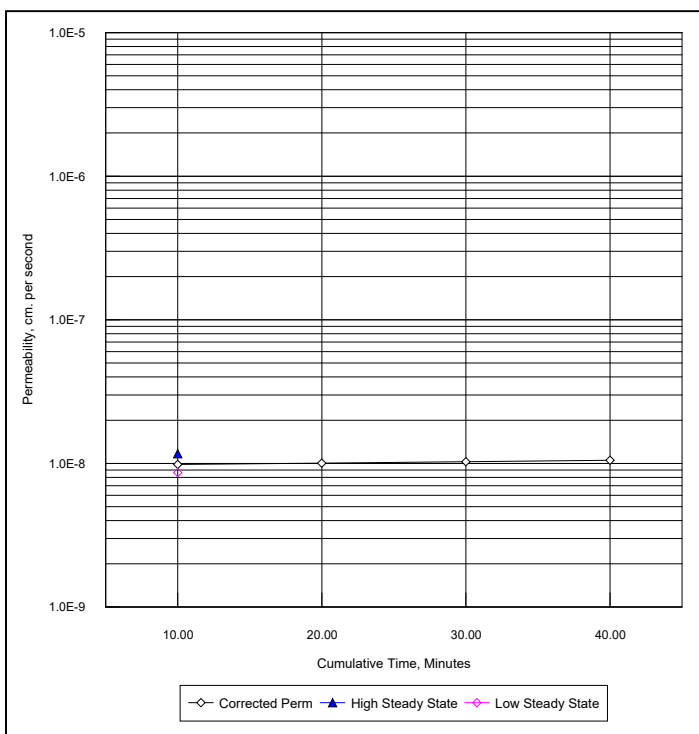
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	27.1	33.3	Maximum Dry Density, pcf			
Percent Saturation	95.0	97.1	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	122.3	117.7	Percent Compacted:			
Dry Mass Density, (pcf)	96.2	88.3				
Height of Solids, (in)	1.060	1.011	Test Pressures During Test			
Void Ratio	0.784	0.945	Backpressure, psi	50		
Calculated Porosity, (%)	43.96	48.58	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		4.80	4.99
Specimen Diameter, cm		7.23	7.40
Specimen Area, cm^2		41.01	42.99
Specimen Mass		Initial	Final
Initial Wet Mass, gms		385.73	404.8
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	17
Balance ID	3	CV Hg ID	3
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1171
Test Constant, C=(M1*S/G)			0.000282

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
Permeability, k (cm/sec)	Corrected k For 20 c (cm/sec)
	(Uncorrected)

Average Permeability, Corrected k:	1.0E-008
15% of Average	1.5E-009
High Steady State Limit:	1.2E-008
Low Steady State Limit:	8.6E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
03.06.2026	1.0333	0	1.100	10.700	27.102			0.108	22
03.06.2026	1.2000	600	1.108	10.500	26.515	1.000	0.200	0.111	22
03.06.2026	1.3667	600	1.116	10.300	25.927	1.000	0.200	0.113	22
03.06.2026	1.5333	600	1.125	10.100	25.339	1.000	0.200	0.116	22
03.06.2026	1.7000	600	1.133	9.900	24.751	1.000	0.200	0.119	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	10.63
Unmeasured Flow, cm:	-0.07

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	03.02.2026	Test Date:	03.06.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	03.03.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0227 D	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing	good		

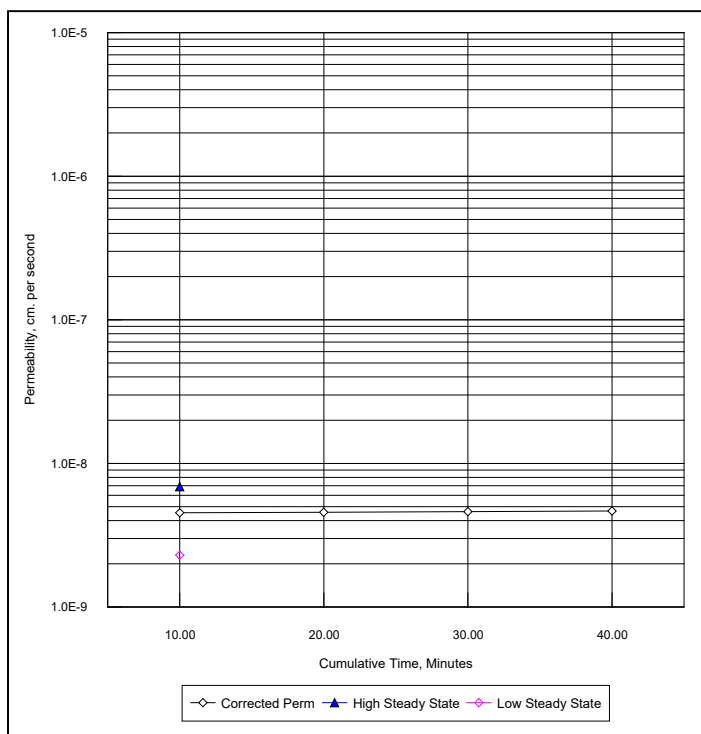
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	27.6	30.9	Maximum Dry Density, pcf			
Percent Saturation	89.4	104.7	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	118.4	124.0	Percent Compacted:			
Dry Mass Density, (pcf)	92.8	94.8				
Height of Solids, (in)	1.115	1.146	Test Pressures During Test			
Void Ratio	0.850	0.812	Backpressure, psi	50		
Calculated Porosity, (%)	45.94	44.82	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.24	5.27
Specimen Diameter, cm		7.22	7.13
Specimen Area, cm^2		40.98	39.89
Specimen Mass		Initial	Final
Initial Wet Mass, gms		407.3	417.8
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	13
Balance ID	3	CV Hg ID	2
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+(aout/ain))			1.041
Sample, S=(Sample Length/ Sample Area)			0.1279
Test Constant, C=(M1*S/G)			0.000307

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	4.7E-009
	4.8E-009
	4.8E-009
	4.9E-009

Average Permeability, Corrected k:	4.6E-009
50% of Average	2.3E-009
High Steady State Limit:	6.9E-009
Low Steady State Limit:	2.3E-009



Date	Clock Time	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
03.06.2026	12.1000	0	1.500	12.800	29.242			0.092	22
03.06.2026	12.2667	600	1.504	12.700	28.973	1.000	0.100	0.093	22
03.06.2026	12.4333	600	1.508	12.600	28.703	1.000	0.100	0.094	22
03.06.2026	12.6000	600	1.512	12.500	28.434	1.000	0.100	0.095	22
03.06.2026	12.7667	600	1.516	12.400	28.164	1.000	0.100	0.096	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	11.59
Unmeasured Flow, cm:	-1.21

Remarks: $k = C/t \ln [1-(Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

Results of Falling Head Permeability, ASTM D5084 Undisturbed Specimen

Project Number:	2544	Specimen Received Date:	03.02.2026	Test Date:	03.06.2026
Project Name:	Green Bay, Cell 6 Construction	Specimen Loaded into Cell:	03.03.2026	Tested By:	JMB
Client:	Green Bay Packaging			Reviewed By:	BMG

Sample Id.	0227 E	Location:	N/A	Elevation:	N/A
Specimen Condition:	Before Testing good	After Testing good			

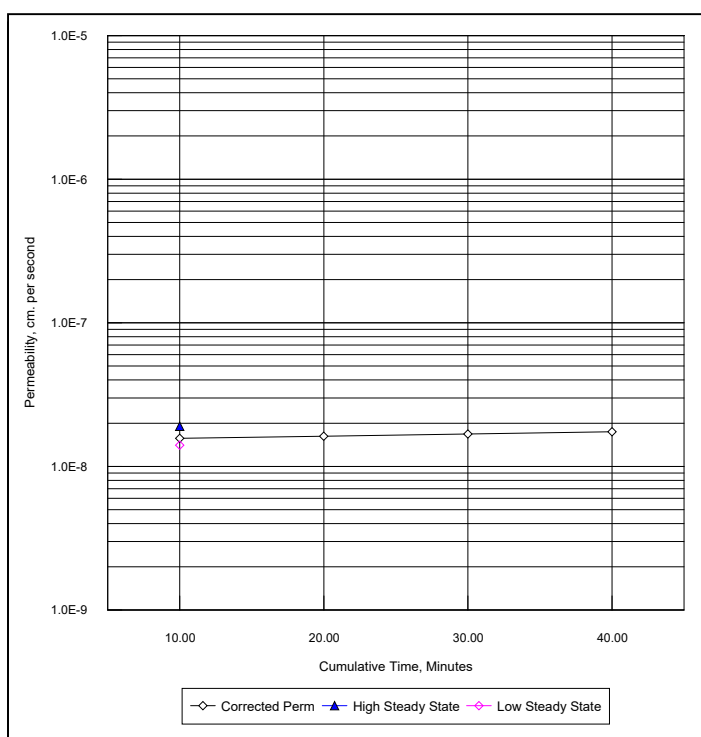
Special Selection or Preparation if Any:	Permeant:	D/A Water
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Specimen Data	Initial	Final	Compaction Data	Proctor	Target	Difference
Moisture Content, (%)	26.8	31.4	Maximum Dry Density, pcf			
Percent Saturation	98.5	103.5	Optimum Moisture Content, (%)			
Wet Mass Density, (pcf)	124.5	122.9	Percent Compacted:			
Dry Mass Density, (pcf)	98.2	93.6				
Height of Solids, (in)	1.138	1.092	Test Pressures During Test			
Void Ratio	0.748	0.835	Backpressure, psi	50		
Calculated Porosity, (%)	42.79	45.51	Effective Confining Stress, psi	3		

Specimen Dimensions		Initial	Final
Specimen Height, cm		5.05	5.09
Specimen Diameter, cm		7.20	7.35
Specimen Area, cm^2		40.75	42.46
Specimen Mass		Initial	Final
Initial Wet Mass, gms		410.6	425.6
Specific Gravity (Assumed):		2.75	
Traceability Items			
Caliper ID	2	Cell ID	16
Balance ID	3	CV Hg ID	3
Thermo ID	1		
Constants During Testing and Equipment			
Inflow Buret, (cm ^2, ain)			0.7671
Outflow Buret, (cm ^2, aout)			0.0314
Specific Gravity, (GHg - Gw) = (13.56 - 1)			12.56
Manometer, M1, (ain*aout/ain+aout)			0.0302
Manometer, M2, (1+[aout/ain])			1.041
Sample, S=(Sample Length/ Sample Area)			0.1240
Test Constant, C=(M1*S/G)			0.000298

Test	Data
Elapsed Time (Minutes)	Cumulative Time (Minutes)
0	0.00
10	10.00
10	20.00
10	30.00
10	40.00
	Permeability, k (cm/sec) For 20 c (Uncorrected)
	1.6E-008
	1.7E-008
	1.8E-008
	1.7E-008

Average Permeability, Corrected k:	1.7E-008
15% of Average	2.5E-009
High Steady State Limit:	1.9E-008
Low Steady State Limit:	1.4E-008



Date	Clock Time (hh:mm:ss)	Trial Elapsed t, sec.	Flow Inflow	Readings Outflow	Gradient During Test	Out/Inflow Ratio	Z out	T	Test Fluid Temp, c
03.06.2026	1.0167	0	1.700	11.300	25.767			0.108	22
03.06.2026	1.1833	600	1.712	11.000	24.929	1.000	0.300	0.112	22
03.06.2026	1.3500	600	1.725	10.700	24.091	1.000	0.300	0.116	22
03.06.2026	1.5167	600	1.737	10.400	23.252	1.000	0.300	0.120	22
03.06.2026	1.6833	600	1.749	10.100	22.414	1.000	0.300	0.125	22

Initial Gradient:	30.00
Height of Mercury in Center Column, cm:	11.18
Unmeasured Flow, cm:	-0.12

Remarks: $k = C/t \ln [1 - (Zout/T)]$ and Corrected k for temp @ 20 C = $k \times (-0.02452 \times \text{temp.} + 1.495)$

TABLE C-3
Field Compaction Test Results -Compacted Soil Liner

Identification					Field Test Results			Reference Proctor Data				Evaluations				Retest		Remarks
Test ID	Lift No.	General Area	Site Coordinate Location		Test Depth	w (%)	γ _d (pcf)	Curve	Curve No.	W _{opt} (%)	γ _{d(max)} (pcf)	W-W _{opt} (%)	P/F	Compaction (%)	P/F	at:	of:	
115.1	1	Northwest(TP)	1,610	3,730	6	27.5	92.7	2.0	1118B	25.5	95.8	2.0	P	96.8	P			0115A
115.2	1	Northwest(TP)	1,630	3,720	6	25.5	93.6	2.0	1118B	25.5	95.8	0.0	P	97.7	P			
115.3	1	Northwest(TP)	1,660	3,710	6	25.5	93.7	2.0	1118B	25.5	95.8	0.0	P	97.8	P			
115.4	1	Northwest(TP)	1,610	3,700	6	26.5	91.1	2.0	1118B	25.5	95.8	1.0	P	95.1	P			
115.5	1	Northwest(TP)	1,630	3,690	6	25.7	95.2	2.0	1118B	25.5	95.8	0.2	P	99.4	P			
115.6	1	Northwest(TP)	1,590	3,675	6	26.8	91.6	2.0	1118B	25.5	95.8	1.3	P	95.6	P			0115B
115.7	1	Northwest(TP)	1,610	3,665	6	25.8	91.4	2.0	1118B	25.5	95.8	0.3	P	95.4	P			
115.8	1	Northwest(TP)	1,640	3,665	6	26.4	92.2	2.0	1118B	25.5	95.8	0.9	P	96.2	P			
116.1	2	Northwest(TP)	1,610	3,731	6	26.7	92.7	2.0	1118B	25.5	95.8	1.2	P	96.8	P			
116.2	2	Northwest(TP)	1,631	3,721	6	26.1	90.9	2.0	1118B	25.5	95.8	0.6	P	94.9	P			
116.3	2	Northwest(TP)	1,661	3,701	6	28.5	90.3	2.0	1118B	25.5	95.8	3.0	P	94.3	P			0116A
116.4	2	Northwest(TP)	1,611	3,701	6	26.7	91.5	2.0	1118B	25.5	95.8	1.2	P	95.5	P			
116.5	2	Northwest(TP)	1,650	3,685	6	27.1	88.2	2.0	1118B	25.5	95.8	1.6	P	92.1	P			0116B
116.6	2	Northwest(TP)	1,640	3,666	6	28.9	86.3	2.0	1118B	25.5	95.8	3.4	P	90.1	P			
116.7	2	Northwest(TP)	1,610	3,666	6	26.7	89.7	2.0	1118B	25.5	95.8	1.2	P	93.6	P			
116.8	2	Northwest(TP)	1,590	3,675	6	26.3	87.8	2.0	1118B	25.5	95.8	0.8	P	91.6	P			
116.9	3	Northwest(TP)	1,600	3,735	6	25.8	93.3	2.0	1118B	25.5	95.8	0.3	P	97.4	P			
116.10	3	Northwest(TP)	1,625	3,725	6	27.5	91.7	2.0	1118B	25.5	95.8	2.0	P	95.7	P			
116.11	3	Northwest(TP)	1,659	3,705	6	26.0	92.7	2.0	1118B	25.5	95.8	0.5	P	96.8	P			
116.12	3	Northwest(TP)	1,650	3,695	6	26.6	89.7	2.0	1118B	25.5	95.8	1.1	P	93.6	P			
116.13	3	Northwest(TP)	1,600	3,710	6	26.7	87.9	2.0	1118B	25.5	95.8	1.2	P	91.8	P			
116.14	3	Northwest(TP)	1,590	3,680	6	26.7	92.4	2.0	1118B	25.5	95.8	1.2	P	96.5	P			
116.15	3	Northwest(TP)	1,620	3,685	6	25.7	95.3	2.0	1118B	25.5	95.8	0.2	P	99.5	P			
116.16	3	Northwest(TP)	1,640	3,660	6	26.8	92.2	2.0	1118B	25.5	95.8	1.3	P	96.2	P			0116C
116.17	4	Northwest(TP)	1,605	3,729	6	27.3	89.5	2.0	1118B	25.5	95.8	1.8	P	93.4	P			
116.18	4	Northwest(TP)	1,629	3,719	6	26.0	92.9	2.0	1118B	25.5	95.8	0.5	P	97.0	P			
116.19	4	Northwest(TP)	1,659	3,705	6	25.7	91.5	2.0	1118B	25.5	95.8	0.2	P	95.5	P			
116.20	4	Northwest(TP)	1,649	3,680	6	27.9	90.7	2.0	1118B	25.5	95.8	2.4	P	94.7	P			0116D
116.21	4	Northwest(TP)	1,610	3,700	6	27.6	87.5	2.0	1118B	25.5	95.8	2.1	P	91.3	P			
116.22	4	Northwest(TP)	1,645	3,665	6	27.0	92.4	2.0	1118B	25.5	95.8	1.5	P	96.5	P			
116.23	4	Northwest(TP)	1,615	3,665	6	27.1	89.4	2.0	1118B	25.5	95.8	1.6	P	93.3	P			
116.24	4	Northwest(TP)	1,595	3,678	6	27.8	89.6	2.0	1118B	25.5	95.8	2.3	P	93.5	P			
210.1	1	Southwest corner	1,070	3,880	6	28.1	91.6	2.0	1118B	25.5	95.8	2.6	P	95.6	P			
210.2	1	Southwest edge	1,075	3,940	6	27.0	91.9	2.0	1118B	25.5	95.8	1.5	P	95.9	P			
210.3	1	Southwest	1,140	3,875	6	27.2	89.1	2.0	1118B	25.5	95.8	1.7	P	93.0	P			0210A
210.4	1	Southwest	1,145	3,930	6	27.2	89.4	2.0	1118B	25.5	95.8	1.7	P	93.3	P			
210.5	1	Southwest	1,220	3,840	6	25.8	92.2	2.0	1118B	25.5	95.8	0.3	P	96.2	P			

TABLE C-3
Field Compaction Test Results -Compacted Soil Liner

Identification					Field Test Results			Reference Proctor Data				Evaluations				Retest		Remarks
Test ID	Lift No.	General Area	Site Coordinate Location		Test Depth	w (%)	γ _d (pcf)	Curve	Curve No.	W _{opt} (%)	γ _{d(max)} (pcf)	W-W _{opt} (%)	P/F	Compaction (%)	P/F	at:	of:	
210.6	1	Southwest	1,225	3,910	6	28.3	88.8	2.0	1118B	25.5	95.8	2.8	P	92.7	P			
210.7	1	West central	1,320	3,850	6	29.1	88.7	2.0	1118B	25.5	95.8	3.6	P	92.6	P			0210B
210.8	1	West central	1,295	3,795	6	29.1	87.4	2.0	1118B	25.5	95.8	3.6	P	91.2	P			
212.1	1	West central	1,385	3,790	6	29.9	87.9	2.0	1118B	25.5	95.8	4.4	P	91.8	P			
212.2	1	Central	1,430	3,860	6	30.1	88.1	2.0	1118B	25.5	95.8	4.6	P	92.0	P			0212A
212.3	1	Central	1,345	3,930	6	25.7	90.2	2.0	1118B	25.5	95.8	0.2	P	94.2	P			
212.4	1	Central	1,210	4,010	6	31.3	88.2	2.0	1118B	25.5	95.8	5.8	P	92.1	P			
212.5	1	South central	1,140	4,020	6	28.6	88.1	2.0	1118B	25.5	95.8	3.1	P	92.0	P			0212B
212.6	1	South central	1,090	4,030	6	25.6	94.7	2.0	1118B	25.5	95.8	0.1	P	98.9	P			
219.1	2	Southwest	1,080	3,890	8	27.6	92.6	2.0	1118B	25.5	95.8	2.1	P	96.7	P			
219.2	2	Southwest	1,170	3,880	8	27.1	91.7	2.0	1118B	25.5	95.8	1.6	P	95.7	P			
219.3	2	West	1,250	3,870	8	28.2	91.5	2.0	1118B	25.5	95.8	2.7	P	95.5	P			
219.4	2	West	1,295	3,795	8	28.6	89.8	2.0	1118B	25.5	95.8	3.1	P	93.7	P			
219.5	2	West	1,330	3,785	8	25.8	91.9	2.0	1118B	25.5	95.8	0.3	P	95.9	P			
219.6	2	West	1,350	3,840	8	26.8	94.6	2.0	1118B	25.5	95.8	1.3	P	98.7	P			0219C
219.7	2	West	1,210	3,905	8	28.7	88.2	2.0	1118B	25.5	95.8	3.2	P	92.1	P			
219.8	2	West	1,130	3,930	8	28.0	89.2	2.0	1118B	25.5	95.8	2.5	P	93.1	P			
219.9	2	West	1,080	3,940	8	28.6	90.0	2.0	1118B	25.5	95.8	3.1	P	93.9	P			0219B
220.1	1	East	1,070	4,140	8	31.5	88.2	2.0	1118B	25.5	95.8	6.0	P	92.1	P			
220.2	1	East	1,120	4,130	8	26.0	95.8	2.0	1118B	25.5	95.8	0.5	P	100.0	P			
220.3	1	East	1,320	4,030	8	25.7	92.9	2.0	1118B	25.5	95.8	0.2	P	97.0	P			0220B
220.4	1	East	1,420	3,960	8	26.4	92.4	2.0	1118B	25.5	95.8	0.9	P	96.5	P			
220.5	1	East	1,520	3,920	8	27.8	91.6	2.0	1118B	25.5	95.8	2.3	P	95.6	P			
220.6	1	East	1,580	3,880	8	26.6	92.3	2.0	1118B	25.5	95.8	1.1	P	96.3	P			
220.7	1	East	1,620	3,880	8	28.8	92.9	2.0	1118B	25.5	95.8	3.3	P	97.0	P			0220A
221.1	1	Northwest	1,460	3,730	8	29.8	86.7	2.0	1118B	25.5	95.8	4.3	P	90.5	P			
221.2	1	Northwest	1,550	3,690	8	27.4	92.6	2.0	1118B	25.5	95.8	1.9	P	96.7	P			
221.3	1	Northeast	1,650	3,850	8	25.5	92.3	2.0	1118B	25.5	95.8	0.0	P	96.3	P			
221.4	1	Northeast	1,730	3,820	8	31.0	86.8	2.0	1118B	25.5	95.8	5.5	P	90.6	P			
221.5	1	North	1,705	3,790	8	27.3	90.6	2.0	1118B	25.5	95.8	1.8	P	94.6	P			0221B
221.6	1	North	1,670	3,760	8	27.8	91.1	2.0	1118B	25.5	95.8	2.3	P	95.1	P			
221.7	1	North	1,570	3,790	8	27.3	93.3	2.0	1118B	25.5	95.8	1.8	P	97.4	P			0221A
221.8	2	West	1,460	3,770	8	26.4	95.1	2.0	1118B	25.5	95.8	0.9	P	99.3	P			
221.9	2	West	1,560	3,690	8	25.8	93.3	2.0	1118B	25.5	95.8	0.3	P	97.4	P			
221. 10	2	West central	1,540	3,740	8	25.9	96.8	2.0	1118B	25.5	95.8	0.4	P	101.0	P			
221.11	2	West central	1,450	3,850	8	25.8	94.0	2.0	1118B	25.5	95.8	0.3	P	98.1	P			
222.1	2	North central	1,670	3,750	8	26.5	93.4	2.0	1118B	25.5	95.8	1.0	P	97.5	P			

TABLE C-3
Field Compaction Test Results -Compacted Soil Liner

Identification					Field Test Results				Reference Proctor Data			Evaluations				Retest		Remarks
Test ID	Lift No.	General Area	Site Coordinate Location		Test Depth	w (%)	γ _d (pcf)	Curve	Curve No.	W _{opt} (%)	γ _{d(max)} (pcf)	W-W _{opt} (%)	P/F	Compaction (%)	P/F	at:	of:	
			Northing	Easting														
222.2	2	North	1,710	3,790	8	25.5	94.9	2.0	1118B	25.5	95.8	0.0	P	99.1	P			
222.3	2	North	1,715	3,820	8	26.3	89.0	2.0	1118B	25.5	95.8	0.8	P	92.9	P			
222.4	2	North	1,680	3,830	8	25.6	95.3	2.0	1118B	25.5	95.8	0.1	P	99.5	P			
222.5	2	North	1,550	3,850	8	26.3	88.6	2.0	1118B	25.5	95.8	0.8	P	92.5	P			0222A
222.6	2	East	1,560	3,910	8	25.5	90.9	2.0	1118B	25.5	95.8	0.0	P	94.9	P			0222B
222.7	2	East	1,450	3,950	8	25.9	94.0	2.0	1118B	25.5	95.8	0.4	P	98.1	P			
222.8	2	East	1,350	3,960	8	27.3	92.9	2.0	1118B	25.5	95.8	1.8	P	97.0	P			
222.9	2	East	1,360	4,010	8	25.8	92.8	2.0	1118B	25.5	95.8	0.3	P	96.9	P			0222C
222.10	2	East	1,250	3,950	8	27.5	93.3	2.0	1118B	25.5	95.8	2.0	P	97.4	P			
222.11	2	East	1,260	4,050	8	25.5	90.5	2.0	1118B	25.5	95.8	0.0	P	94.5	P			0222D
222.12	2	Southeast	1,160	4,110	8	27.1	91.2	2.0	1118B	25.5	95.8	1.6	P	95.2	P			0222E
222.13	2	Southeast	1,150	4,050	8	25.7	95.5	2.0	1118B	25.5	95.8	0.2	P	99.7	P			
222.14	2	Southeast	1,070	4,060	8	27.7	91.4	2.0	1118B	25.5	95.8	2.2	P	95.4	P			0222F
222.15	2	Southeast	1,060	4,170	8	28.1	88.4	2.0	1118B	25.5	95.8	2.6	P	92.3	P			
223.1	3	Northeast	1,710	3,780	8	26.0	90.1	2.0	1118B	25.5	95.8	0.5	P	94.1	P			
223.2	3	East	1,630	3,840	8	26.1	92.9	2.0	1118B	25.5	95.8	0.6	P	97.0	P			
223.3	3	East	1,550	3,910	8	28.1	89.7	2.0	1118B	25.5	95.8	2.6	P	93.6	P			
223.4	3	North	1,640	3,750	8	26.4	92.2	2.0	1118B	25.5	95.8	0.9	P	96.2	P			0223B
223.5	3	Central	1,550	3,760	8	27.1	94.6	2.0	1118B	25.5	95.8	1.6	P	98.7	P			
223.6	3	Central	1,560	3,840	8	26.5	88.4	2.0	1118B	25.5	95.8	1.0	P	92.3	P			
223.7	3	Northeast	1,710	3,810	8	26.6	90.2	2.0	1118B	25.5	95.8	1.1	P	94.2	P			0223C
224.1	3	Northwest	1,580	3,690	8	25.6	88.9	2.0	1118B	25.5	95.8	0.1	P	92.8	P			
226.1	3	East	1,470	3,930	8	26.4	91.8	2.0	1118B	25.5	95.8	0.9	P	95.8	P			
226.2	3	East	1,380	4,005	8	25.9	88.3	2.0	1118B	25.5	95.8	0.4	P	92.2	P			
226.3	3	Central	1,370	3,960	8	25.7	90.8	2.0	1118B	25.5	95.8	0.2	P	94.8	P			
226.4	3	Southwest	1,090	3,890	8	26.0	94.0	2.0	1118B	25.5	95.8	0.5	P	98.1	P			
226.5	3	Southwest	1,085	3,920	8	25.8	87.4	2.0	1118B	25.5	95.8	0.3	P	91.2	P			
226.6	3	Central	1,460	3,860	8	26.1	88.8	2.0	1118B	25.5	95.8	0.6	P	92.7	P			
227.1	3	Central	1,240	4,030	8	25.7	91.9	2.0	1118B	25.5	95.8	0.2	P	95.9	P			
227.2	3	Central	1,180	3,970	8	25.6	89.9	2.0	1118B	25.5	95.8	0.1	P	93.8	P			
227.3	3	South central	1,160	4,020	8	25.6	94.6	2.0	1118B	25.5	95.8	0.1	P	98.7	P			
227.4	3	South central	1,130	4,120	8	26.3	91.7	2.0	1118B	25.5	95.8	0.8	P	95.7	P			
227.5	3	South	1,090	4,150	8	26.0	87.7	2.0	1118B	25.5	95.8	0.5	P	91.5	P			0227B
227.6	3	South	1,085	4,050	8	25.6	90.7	2.0	1118B	25.5	95.8	0.1	P	94.7	P			0227C
227.7	3	Southwest	1,170	3,870	8	26.1	89.8	2.0	1118B	25.5	95.8	0.6	P	93.7	P			
227.8	3	West	1,280	3,870	8	26.0	90.1	2.0	1118B	25.5	95.8	0.5	P	94.1	P			
227.9	3	West	1,380	3,830	8	26.3	89.0	2.0	1118B	25.5	95.8	0.8	P	92.9	P			0227D

TABLE C-3
Field Compaction Test Results -Compacted Soil Liner

[illegible]

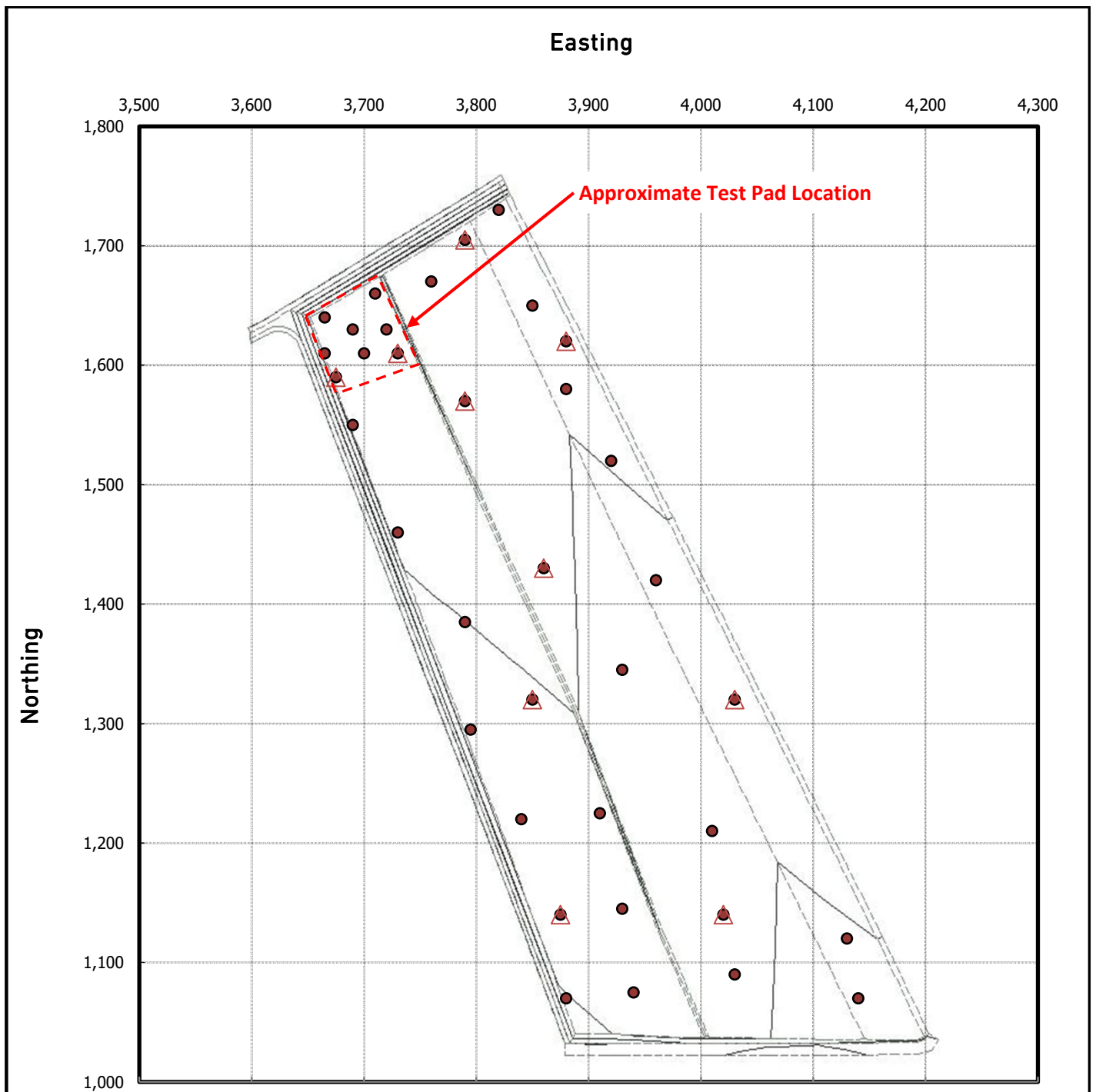
Statistical Summary

[illegible]

Notes: (1) Test frequency based on lined area of 198,263 SF and total Compacted Soil Liner volume of approximately 14,640 CY

(2) Test performed on the test pad were not included in the total number of tests for Cell 6.

(3) Based on an average of 27 tests per lift

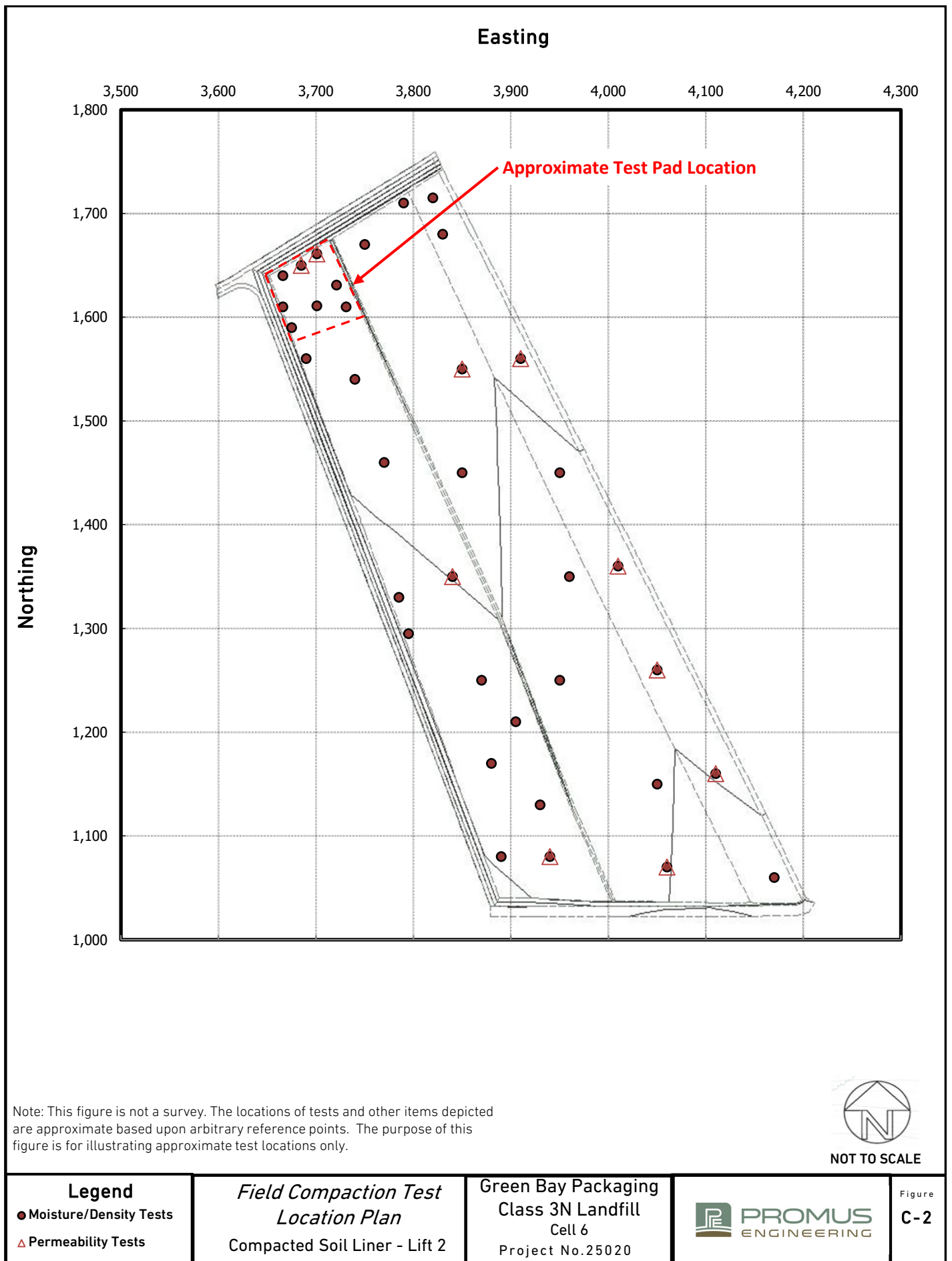


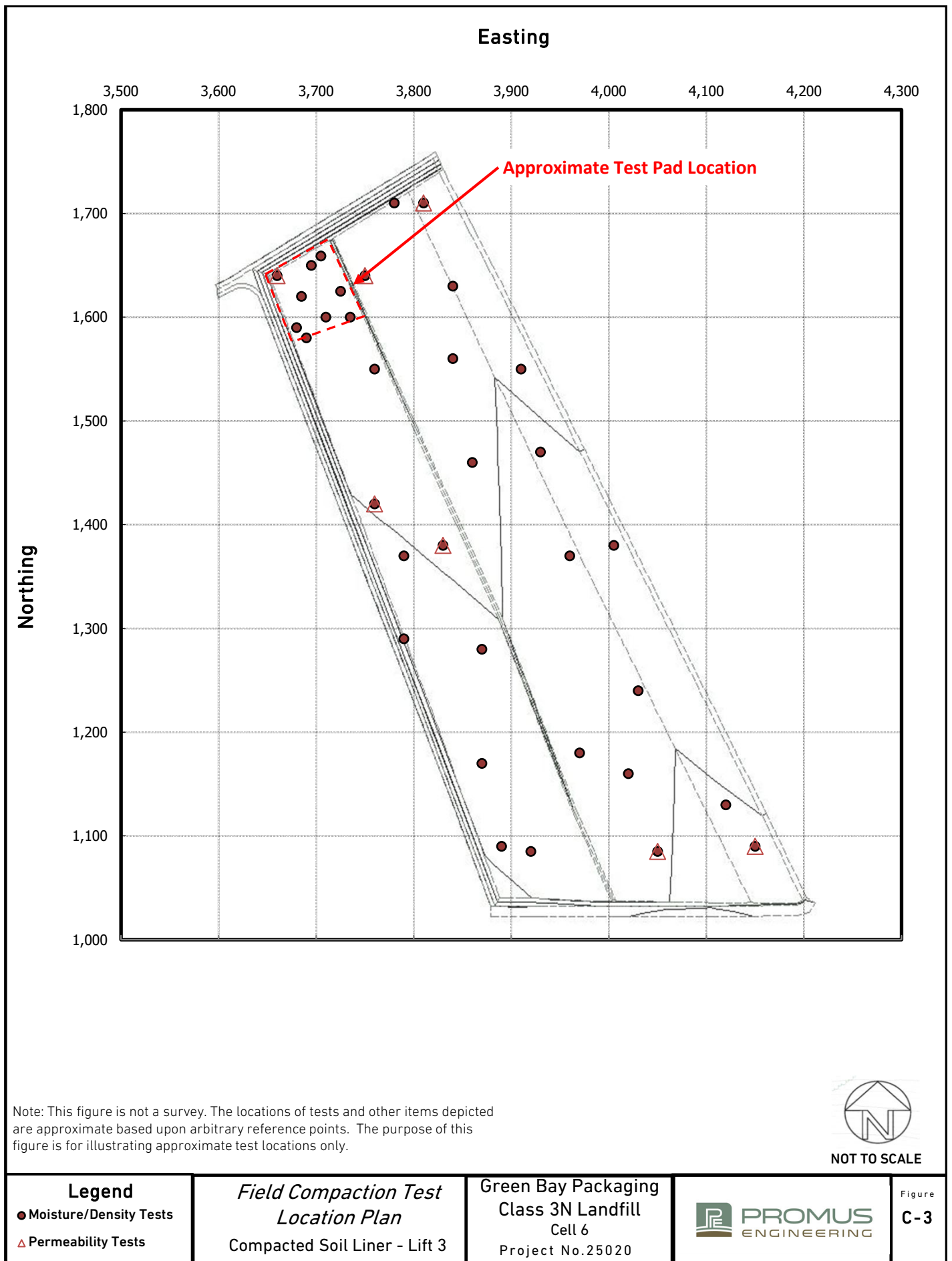
Note: This figure is not a survey. The locations of tests and other items depicted are approximate based upon arbitrary reference points. The purpose of this figure is for illustrating approximate test locations only.

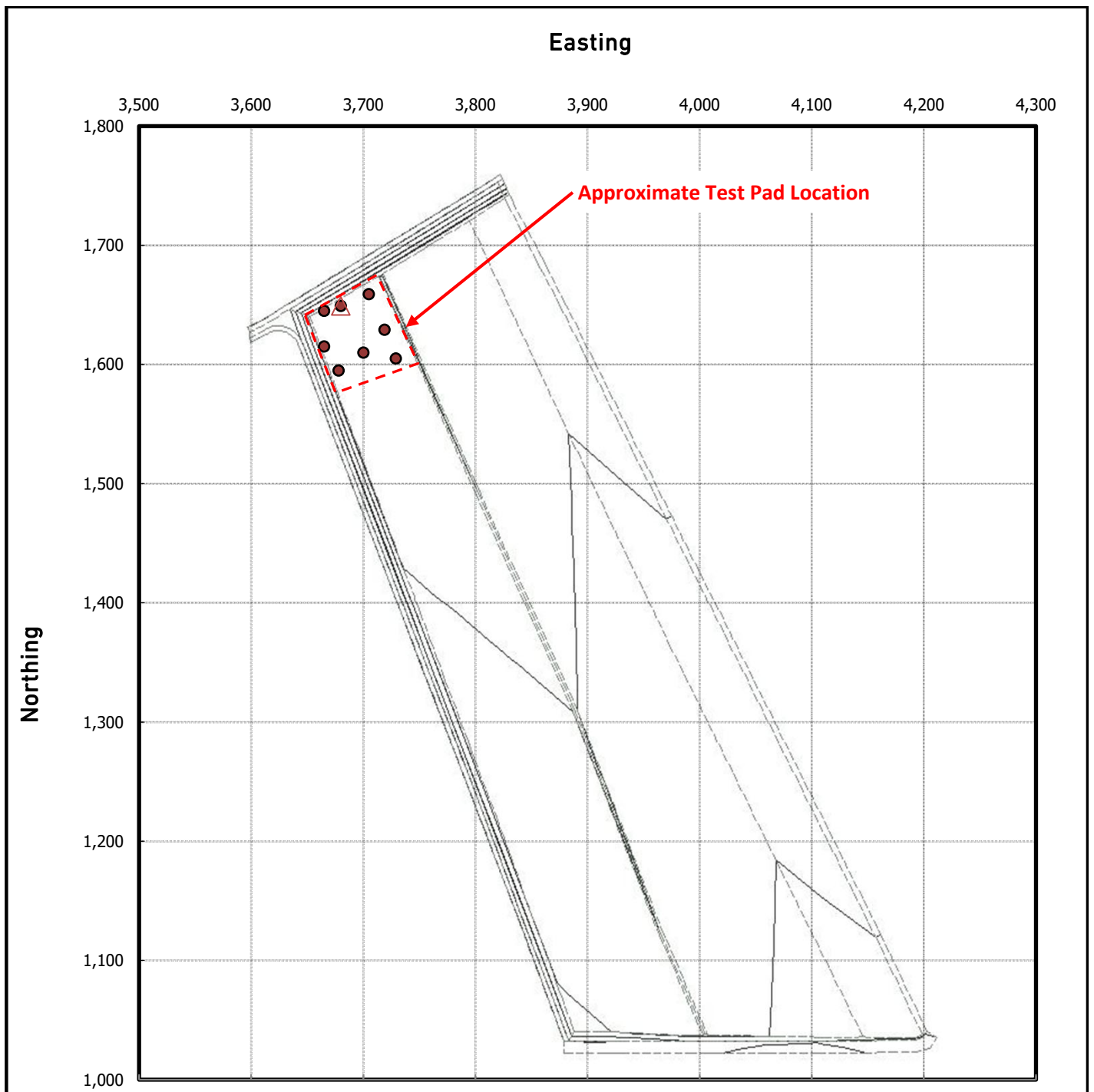


NOT TO SCALE

Legend ● Moisture/Density Tests △ Permeability Tests	<i>Field Compaction Test Location Plan</i> Compacted Soil Liner - Lift 1	Green Bay Packaging Class 3N Landfill Cell 6 Project No.25020	 PROMUS ENGINEERING	Figure C-1
--	--	--	--	------------------------------







Note: This figure is not a survey. The locations of tests and other items depicted are approximate based upon arbitrary reference points. The purpose of this figure is for illustrating approximate test locations only.



NOT TO SCALE

Legend ● Moisture/Density Tests △ Permeability Tests	<i>Field Compaction Test Location Plan</i> Compacted Soil Liner - Lift 4	Green Bay Packaging Class 3N Landfill Cell 6 Project No.25020		Figure C-4
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APPENDIX D

PROTECTIVE COVER AND LEACHATE COLLECTION SYSTEM



TABLE D-1

Green Bay Packaging Cell 6 CQA

Laboratory Test Data - Protective Cover Layer

Sample ID	Grain Size	Permeability k (cm/sec)	Comments
	% Passing		
	1-inch		
0219E	100.0	1.3E-02	Preconstruction Sample
0316A	100.0	5.7E-03	Construction Sample

Statistical Summary

Minimum	100.0	5.7E-03	
Maximum	100.0	1.3E-02	
Average	100.0	8.6E-03 ⁽²⁾	
Standard Deviation	0.0	N/A	
Material Requirements	≥ 100	≥ 1.0E-3	
Total Tests, Preconstruction	1	1	
Total Tests, Construction	1	1	
Required Frequency, Precon.	1/Source	1/Source	
Required Frequency, Const.	1/5,000 CY	1/5,000 CY	
Test Frequency, Precon.	1 Source	1 Source	
Test Frequency, Const. ⁽¹⁾	1/4,025 CY	1/4,025 CY	

Notes:

(1) Actual test frequencies are approximate and based on single source and 4,025 CY of material placed.

(2) Geometric mean.

TABLE D-2

Green Bay Packaging Cell 6 CQA

Laboratory Test Data - LCS Gravel

Sample ID	Grain Size % Passing		Permeability k (cm/sec)	Calcium Carbonate	Comments
	2-inch	3/8"			
0219F	100.0	8.4	3.6E+01	0.31	Preconstruction Sample
0304A	100.0	0.9	4.4E+01		Construction Sample

Statistical Summary

Minimum	100.0	0.9	3.6E+01	N/A	
Maximum	100.0	8.4	4.4E+01	N/A	
Average	100.0	4.7	4.0E+01 ⁽²⁾	N/A	
Standard Deviation	0.0	5.3	N/A	N/A	
Material Requirements	≥ 100	≤ 5%	≥ 1.0	< 10%	
Total Tests, Preconstruction	1		1	1	
Total Tests, Construction	1		1	1	
Required Frequency, Precon.	1/ Source		1/ Source	1/ Source	
Required Frequency, Const.	1/5,000 CY		1/5,000 CY	N/A	
Test Frequency, Precon.	1 Source		1 Source	1 Source	
Test Frequency, Const. ⁽¹⁾	1/40 CY		1/40 CY	N/A	

Notes:

(1) Actual test frequencies are approximate and based on single source and 40 CY of material placed.

(2) Geometric mean.

Laboratory Testing Protective Cover Layer & LCS Aggregate



Permeability of Granular Materials, ASTM D 2434

Client Name:	Promus Engineering	Date of Test:	03.05.2026	Technician:	JMB
Project Name:	Green Bay Packaging	Date of Sample Receipt:	02.25.2026	Reviewed by:	BMG
Project Number:	2544				

Specimen Number:	0219 E	Specimen Location:	Bulk Sample	Other:	
Special Sample Preparations or Conditions:	None				N/A
Balance Reference ID:	1	Thermometer ID:	2		

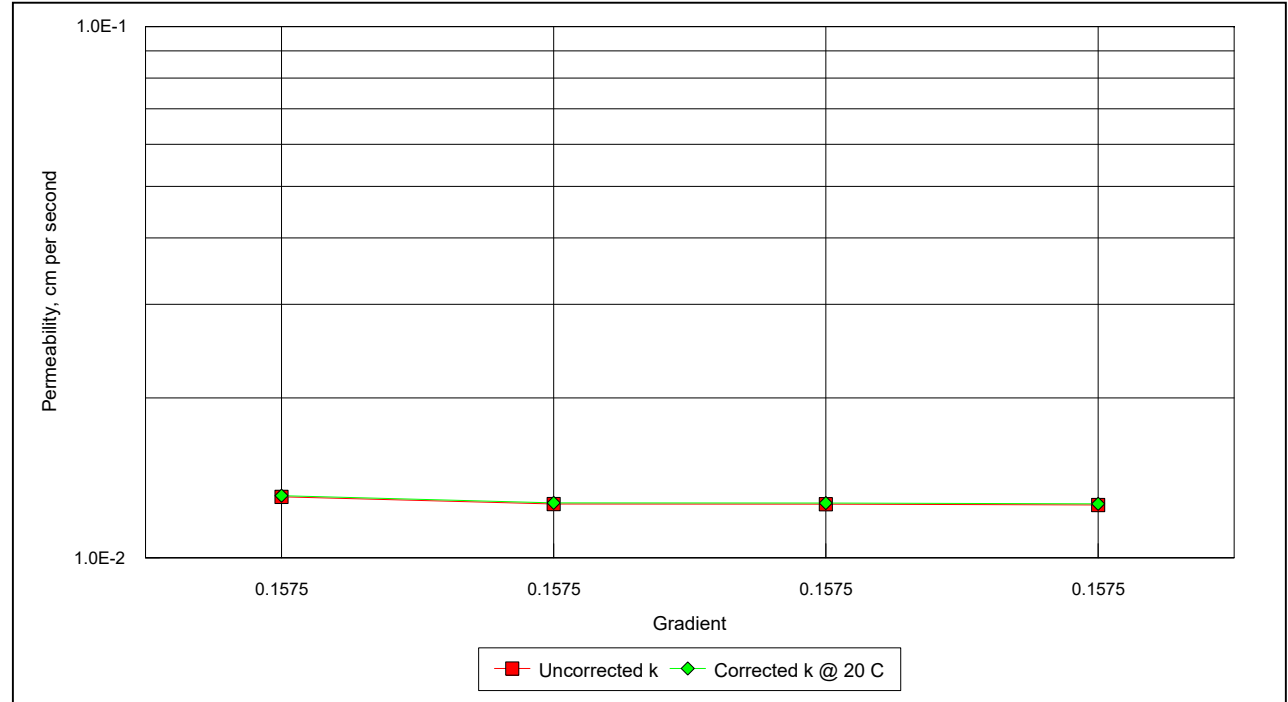
Permeant Used:	D/A Water
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Specimen Test Data	
Specimen Diameter, cm.:	6.35
Specimen Weight, gms:	733.84
Specimen Height, cm	12.80
Moisture Content, %	5.2

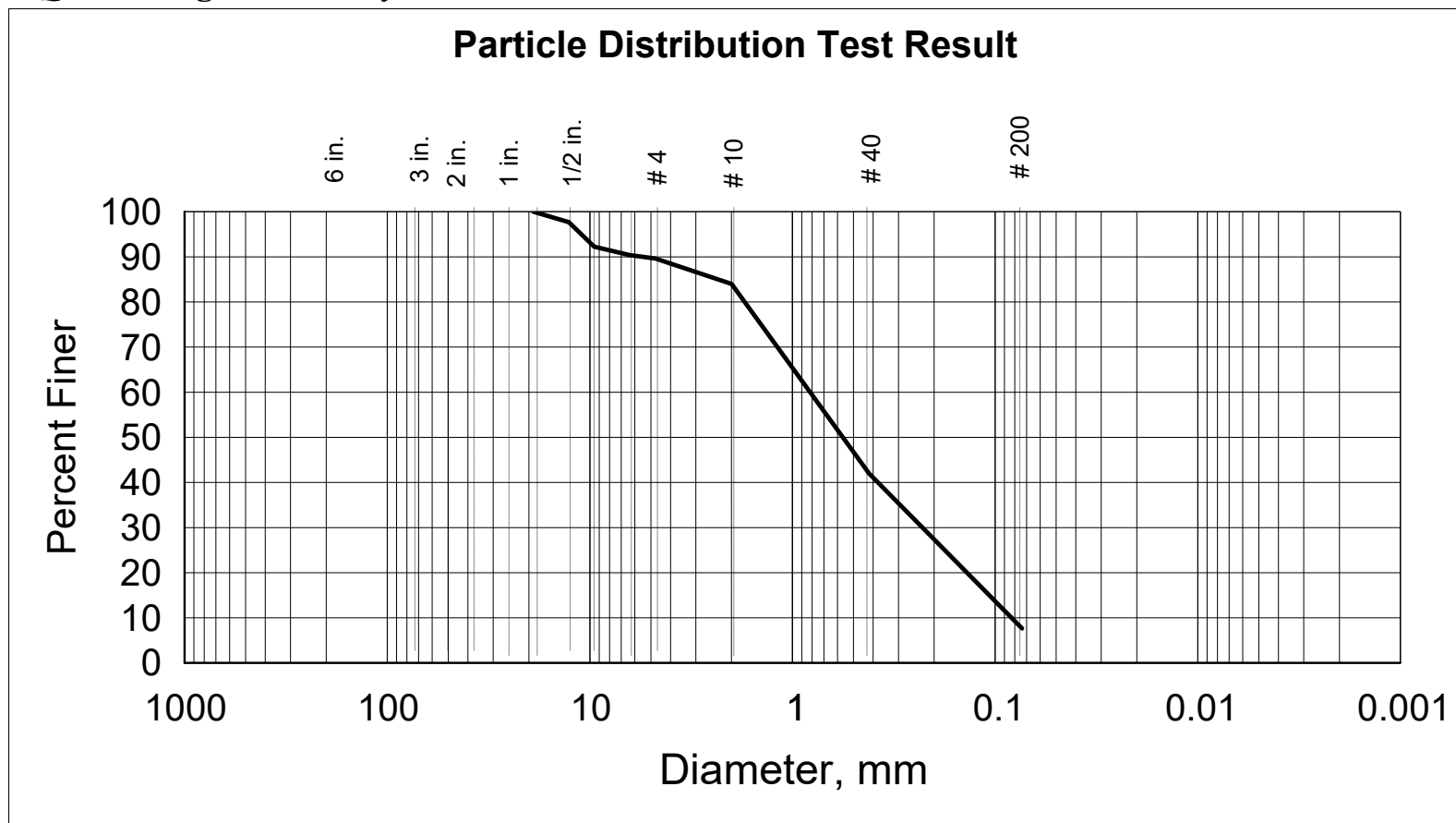
Unit Volumes	
Dry Density, pcf	107.4
As Tested (Wet) ,pcf	113.0
Void Ratio	0.511
Specific Gravity, (Assumed)	2.60

Test Constants	
Distance of Manometers, cm (L)	6.35
Area, cm^2 (A)	31.67

Avg. Corrected k, cm/sec	1.3E-002
---------------------------------	-----------------



Remarks: k = QL/Ath and Corrected k for Temp. 20 C as: k x (-0.02452 x temp. + 1.495)	Manometer Readings			Gradient (h/L)	Time, seconds (t)	Flow Quantity (Q)	Fluid Temp. (T)	Uncorrected k	Corrected k @ 20 C
	Bottom, cm	Top, cm	(h)						
	19.00	20.00	1.00	0.1575	153.90	10	20	1.3E-002	1.3E-002
	19.00	20.00	1.00	0.1575	158.75	10	20	1.3E-002	1.3E-002
	19.00	20.00	1.00	0.1575	158.88	10	20	1.3E-002	1.3E-002
	19.00	20.00	1.00	0.1575	159.40	10	20	1.3E-002	1.3E-002



Proj. Name:	Green Bay Packaging	Gravel, %	Sand, %	P-200		LL	PI
Project No.:	2544	10.4	81.9	7.7		N/A	N/A
Date of Report:	03.09.2026	Description and Classification					
Project Loc.	Arkansas	Sand, Well graded, SW					
		Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "		2.5 "		3/8 "	92.3
0219 E	Bulk Sample	5 "		2 "		1/4 "	90.4
Date Received	02.25.2026	4.5 "		1- 1/2 "		# 4	89.6
Dry sample prep., ASTM D6913, D1140		4 "		1 "		# 10	84.0
Balance ID:	1, 2	3.5 "		3/4 "		# 40	42.0
Tested By:	JMB	3 "		1/2 "		# 200	7.7
	Reveiwed By BMG						

Permeability of Granular Materials, ASTM D 2434

Client Name:	Promus Engineering	Date of Test:	03.19.2026	Technician:	JMB
Project Name:	Green Bay Packaging	Date of Sample Receipt:	03.18.2026	Reviewed by:	BMG
Project Number:	2544				

Specimen Number:	0316A	Specimen Location:	Bulk Sample	Other:	
Special Sample Preparations or Conditions:	None				N/A
Balance Reference ID:	1	Thermometer ID:	2		

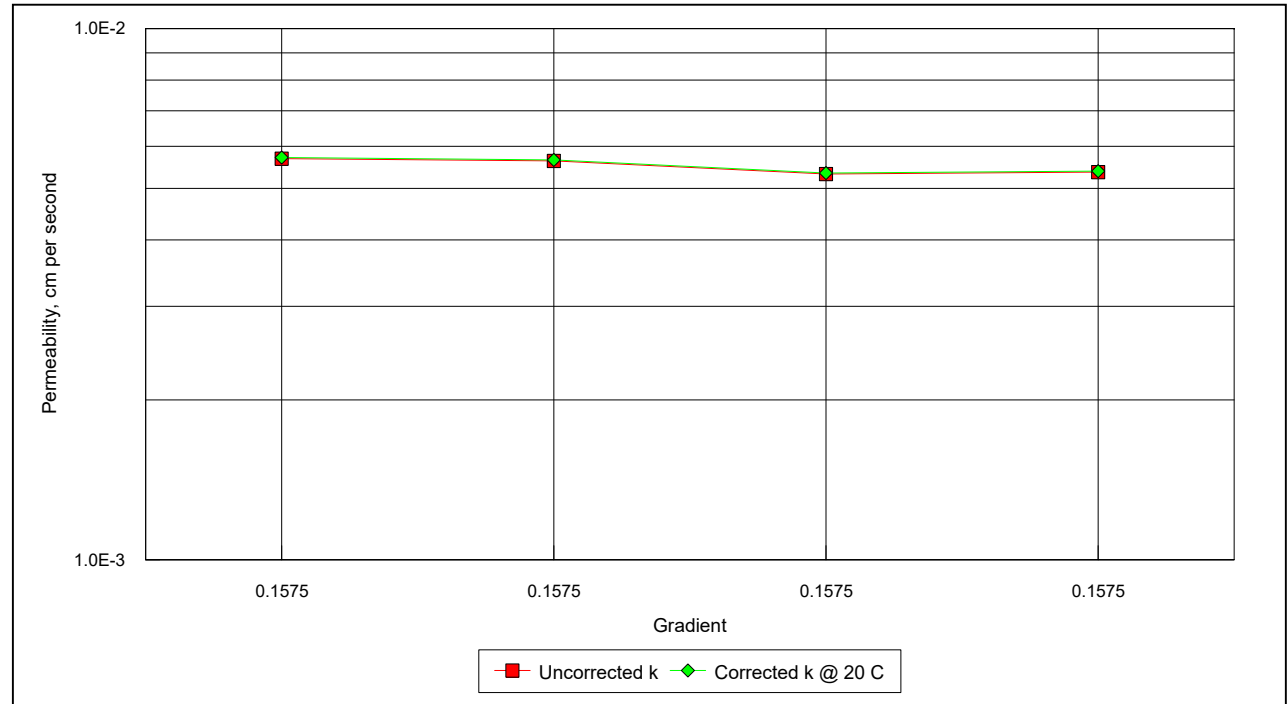
Permeant Used:	D/A Water
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Specimen Test Data	
Specimen Diameter, cm.:	6.35
Specimen Weight, gms:	793.22
Specimen Height, cm	14.50
Moisture Content, %	4.2

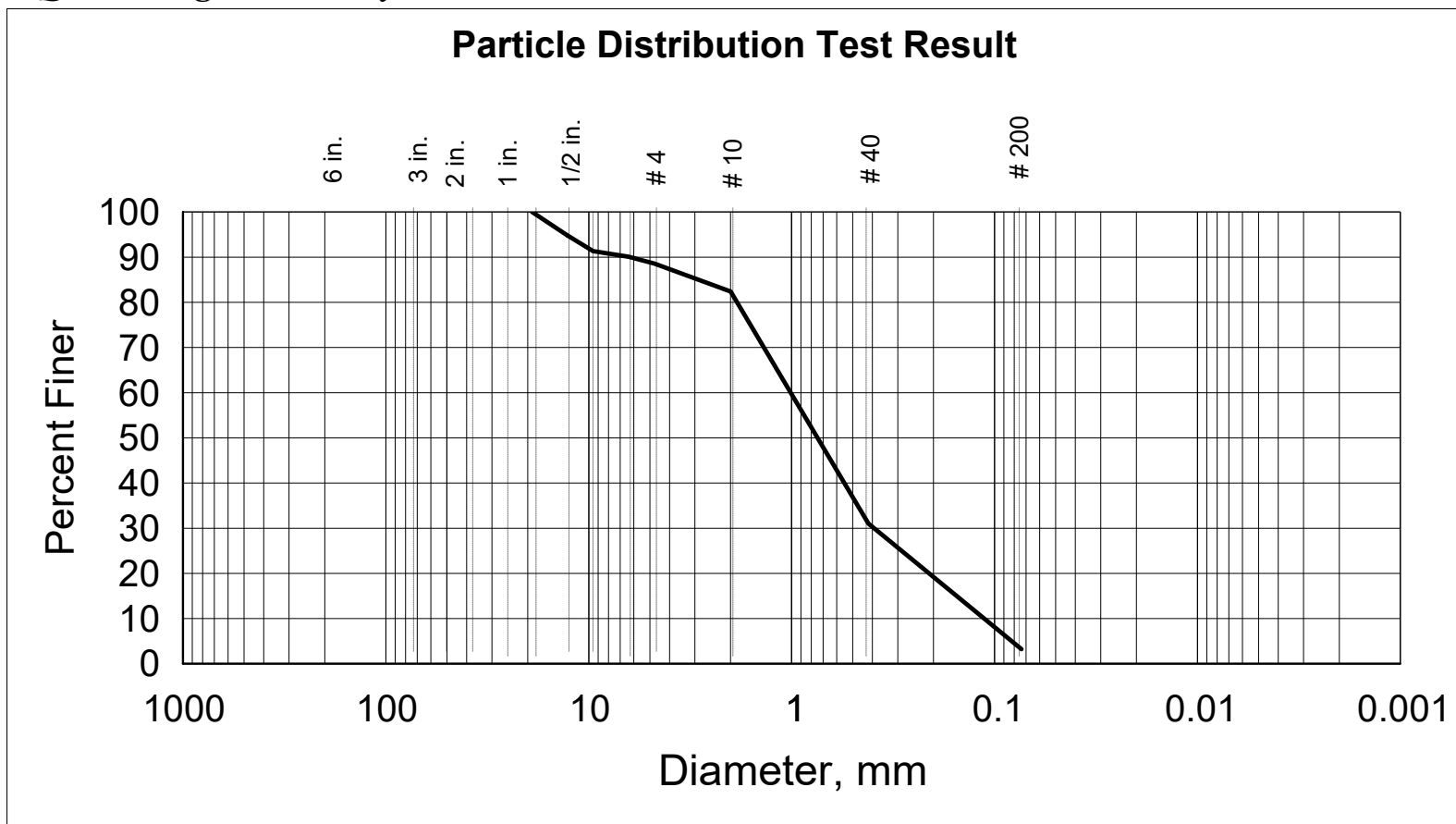
Unit Volumes	
Dry Density, pcf	103.5
As Tested (Wet) ,pcf	107.8
Void Ratio	0.568
Specific Gravity, (Assumed)	2.60

Test Constants	
Distance of Manometers, cm (L)	6.35
Area, cm^2 (A)	31.67

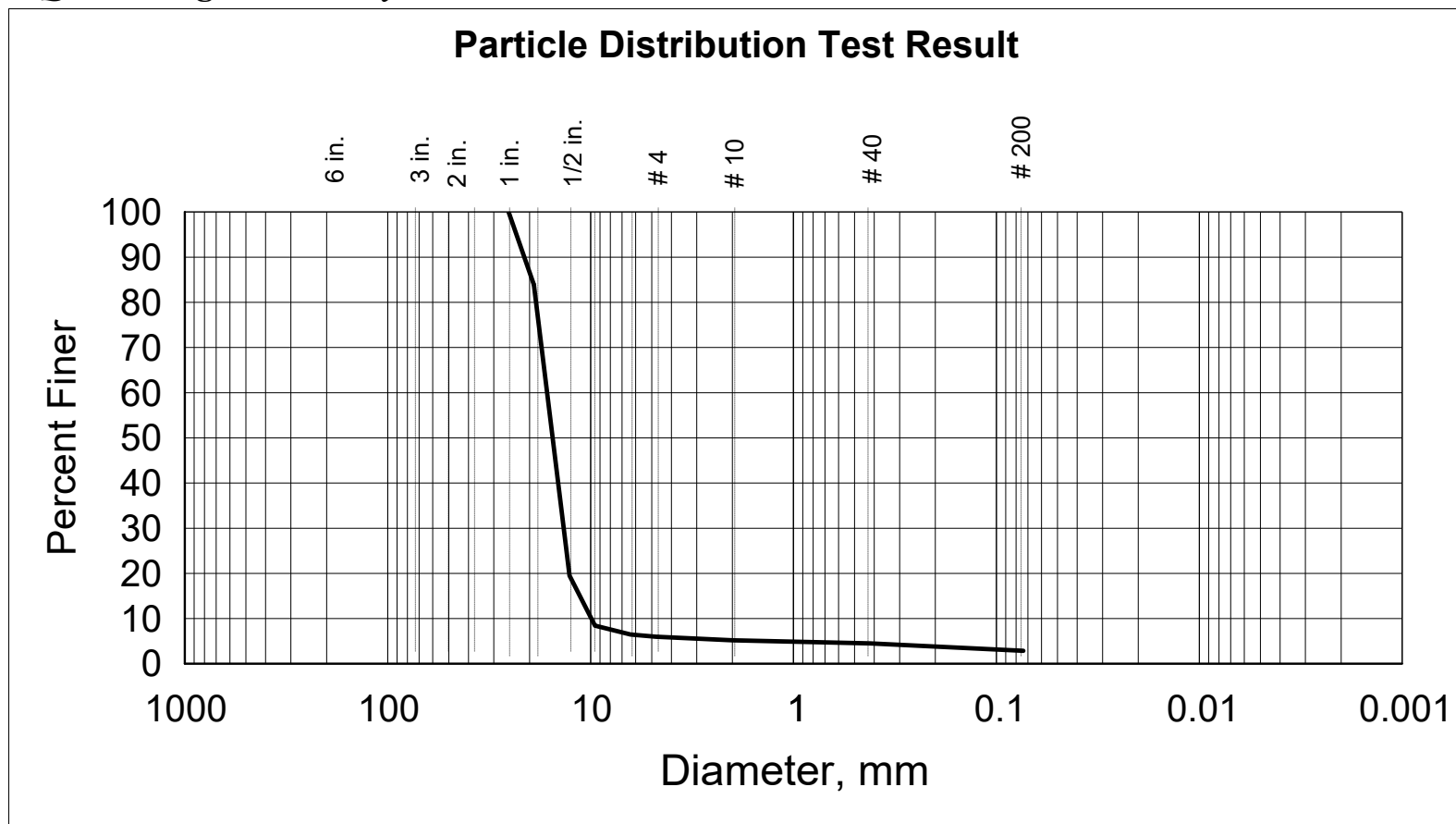
Avg. Corrected k, cm/sec	5.5E-003
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Remarks: k = QL/Ath and Corrected k for Temp. 20 C as: k x (-0.02452 x temp. + 1.495)	Manometer Readings			Gradient (h/L)	Time, seconds (t)	Flow Quantity (Q)	Fluid Temp. (T)	Uncorrected k	Corrected k @ 20 C
	Bottom, cm	Top, cm	(h)						
	24.40	25.40	1.00	0.1575	352.19	10	20	5.7E-003	5.7E-003
	24.40	25.40	1.00	0.1575	355.79	10	20	5.6E-003	5.7E-003
	24.40	25.40	1.00	0.1575	376.59	10	20	5.3E-003	5.3E-003
	24.40	25.40	1.00	0.1575	373.47	10	20	5.4E-003	5.4E-003



Proj. Name:	Green Bay Packaging	Gravel, %	Sand, %	P-200		LL	PI
Project No.:	2544	11.4	85.4	3.2		N/A	N/A
Date of Report:	03.23.2026	Description and Classification					
Project Loc.	Arkansas	Sand, Poorly graded, SP					
		Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "	2.5 "	3/8 "	91.3		
0316 A	Bulk Sample Sample wt Kg 18.9	5 "	2 "	1/4 "	90.1		
Date Received	03.17.2026 NMC, % 4.2	4.5 "	1- 1/2 "	# 4	88.6		
Dry sample prep., ASTM D6913, D1140		4 "	1 "	# 10	82.4		
Balance ID:	1, 2	3.5 "	3/4 "	100.0	# 40	31.0	
Tested By:	JMB	3 "	1/2 "	94.8	# 200	3.2	
Reveiwed By	BMG						



Proj. Name:	Green Bay Packaging	Gravel, %	Sand, %	P-200		LL	PI
Project No.:	2544	94.0	3.1	2.9		N/A	N/A
Date of Report:	03.09.2026	Description and Classification					
Project Loc.	Arkansas	Gravel, Poorly graded, GP					
		Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "		2.5 "		3/8 "	8.4
0219 F	Bulk Sample	5 "		2 "		1/4 "	6.5
Date Received	02.25.2026	4.5 "		1- 1/2 "		# 4	6.0
Dry sample prep., ASTM D6913, D1140		4 "		1 "		# 10	5.2
Balance ID:	1, 2	3.5 "		3/4 "		# 40	4.5
Tested By:	JMB	3 "		1/2 "		# 200	2.9
Reveiwed By BMG							

Permeability of Granular Material, ASTM D2434

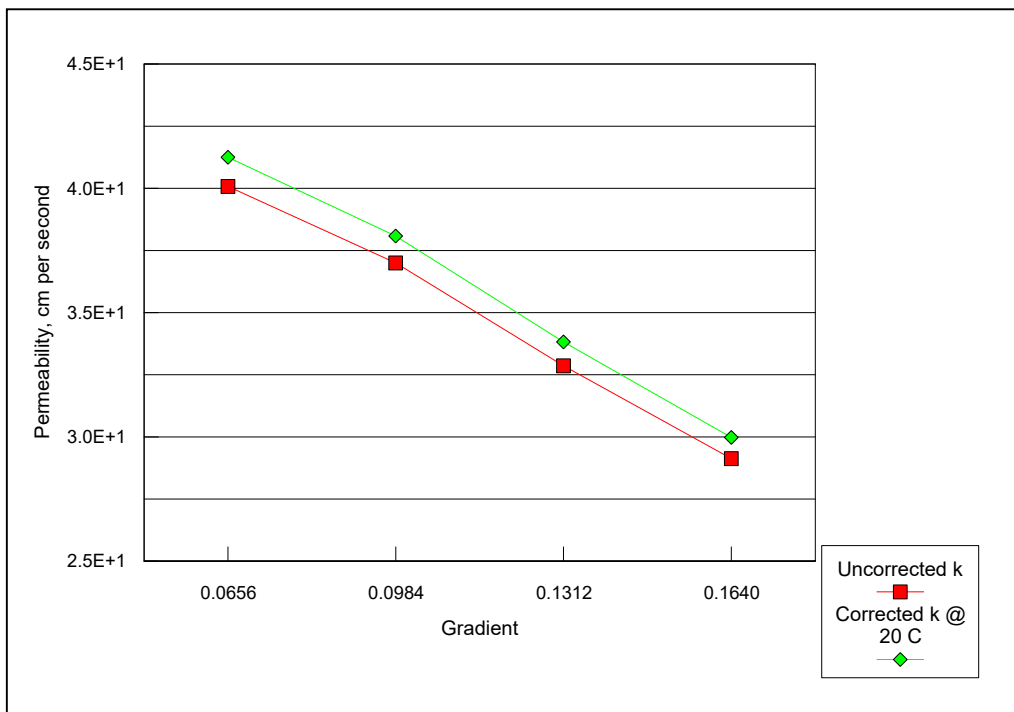
Date of Test:	03.05.2026	Date of Sample Receipt:	02.25.2025	Technician:	JMB
Client Name:	Promus Engineering	Reviewed By:	BMG		
Project Name:	Green Bay Packaging	Balance ID:	2		
Project Number:	2544	Thermometer ID:	2		

Sample Number:	0219 F
Sample Location:	Bulk Gravel Sample
Other:	None

Specimen Data	
Specimen Area, cm ² (A)	182.415
Specimen Weight, lbs.	16.0
Specimen Height, cm (L)	30.48
Moisture Content, (as Tested), %	0.2
Dry Unit Weight, pcf	81.5
As Tested (Wet), pcf	81.7

Test Constants	
Bubble Tube, cm ²	6.35
Reservoir Effective Area, cm ²	176.07

Avg. k Corrected @ 20 C, cm/sec	3.6E+001
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Height of Bubble Tube, cm (h)	Gradient (h/L)	Manometer Readings		Quantity of Flow (Q)	Time, sec. (t)	Permeant Temperature, C	Uncorrected k	Corrected k @ 20 C
		Start, cm	Finish, cm					
2.00	0.0656	50	0	8803.25	18.35	19	4.0E+001	4.1E+001
3.00	0.0984	50	0	8803.25	13.25	19	3.7E+001	3.8E+001
4.00	0.1312	50	0	8803.25	11.19	19	3.3E+001	3.4E+001
5.00	0.1640	50	0	8803.25	10.10	19	2.9E+001	3.0E+001

Remarks:

$k = QL/Ath$, and Corrected for temp @ 20 C = $k * (-0.02452 * \text{temp} + 1.495)$

Total Insoluble Carbonate Content
ASTM D3042
Modified Method

Project: **Green Bay Packaging**
 Project No.: **2544**

Client: **Promus Engineering**
 Client Project Number: **N/A**

Tested By: **JMB**
 Date of Receipt of Sample: **02.25.2026**
 Date of Report Issued: **03.07.2026**

Sample ID or Number: **0219 F**

Other: **Gravel**

Before Liquid Wash				After Liquid Wash				
Trial No.	Sample + Tare Weight, g	Tare Weight, g	Sample Weight, g	Sample + Tare Weight, g	Tare Weight, g	Sample Weight, g	Sample Loss, g	Sample Loss, %
1	1240.90	137.93	1102.97	1237.20	137.93	1099.27	3.70	0.34

Balance Reference ID: **1**

Before Liquid Wash				After Liquid Wash				
Trial No.	Sample + Tare Weight, g	Tare Weight, g	Sample Weight, g	Sample + Tare Weight, g	Tare Weight, g	Sample Weight, g	Sample Loss, g	Sample Loss, %
2	1253.10	149.03	1104.07	1250.10	149.03	1101.07	3.00	0.27

Balance Reference ID: **1**

Before Liquid Wash				After Liquid Wash				
Trial No.	Sample + Tare Weight, g	Tare Weight, g	Sample Weight, g	Sample + Tare Weight, g	Tare Weight, g	Sample Weight, g	Sample Loss, g	Sample Loss, %
3	1192.90	143.99	1048.91	1189.50	143.99	1045.51	3.40	0.32

Balance Reference ID: **1**

Remarks:

pH Meter: **1**
 Buffer Sol. used: **4.00**
 Date of checks: **03.06.2026**

NOTE: pH **4.0**
 AVG LOSS, % **0.31**

Page ID: **0219 F** **Modified Carb**

Permeability of Granular Material, ASTM D2434

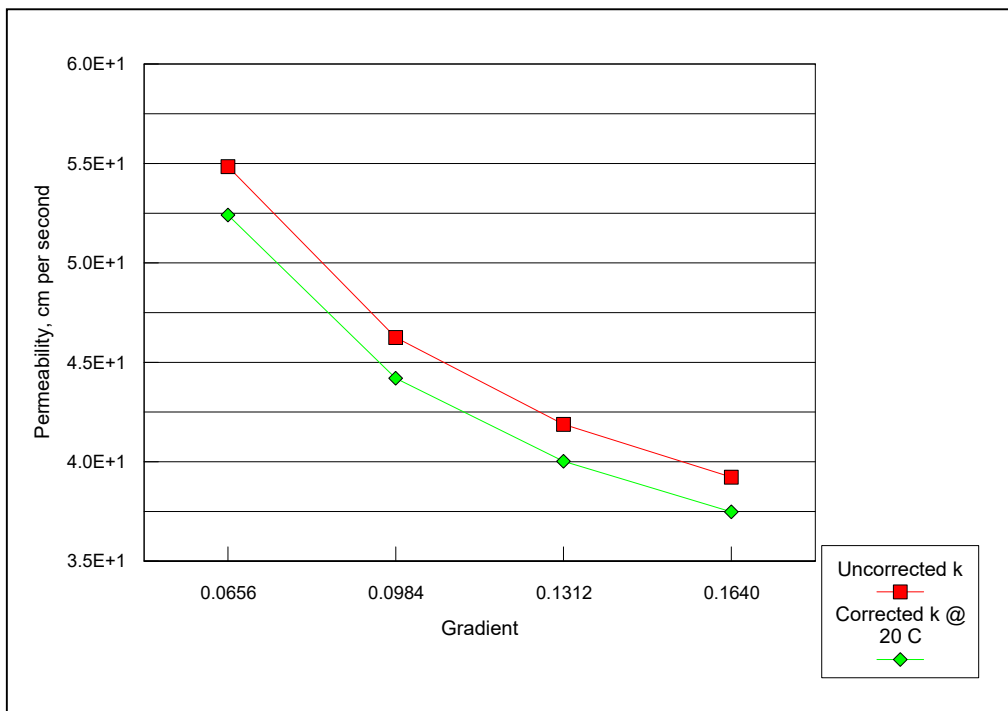
Date of Test:	03.20.2026	Date of Sample Receipt:	03.16.2026	Technician:	JMB
Client Name:	Promus Engineering	Reviewed By:	BMG		
Project Name:	Green Bay Packaging	Balance ID:	2		
Project Number:	2544	Thermometer ID:	2		

Sample Number:	0304 A
Sample Location:	Bulk Gravel Sample
Other:	None

Specimen Data	
Specimen Area, cm ² (A)	182.415
Specimen Weight, lbs.	16.0
Specimen Height, cm (L)	30.48
Moisture Content, (as Tested), %	1.3
Dry Unit Weight, pcf	81.5
As Tested (Wet), pcf	82.5

Test Constants	
Bubble Tube, cm ²	6.35
Reservoir Effective Area, cm ²	176.07

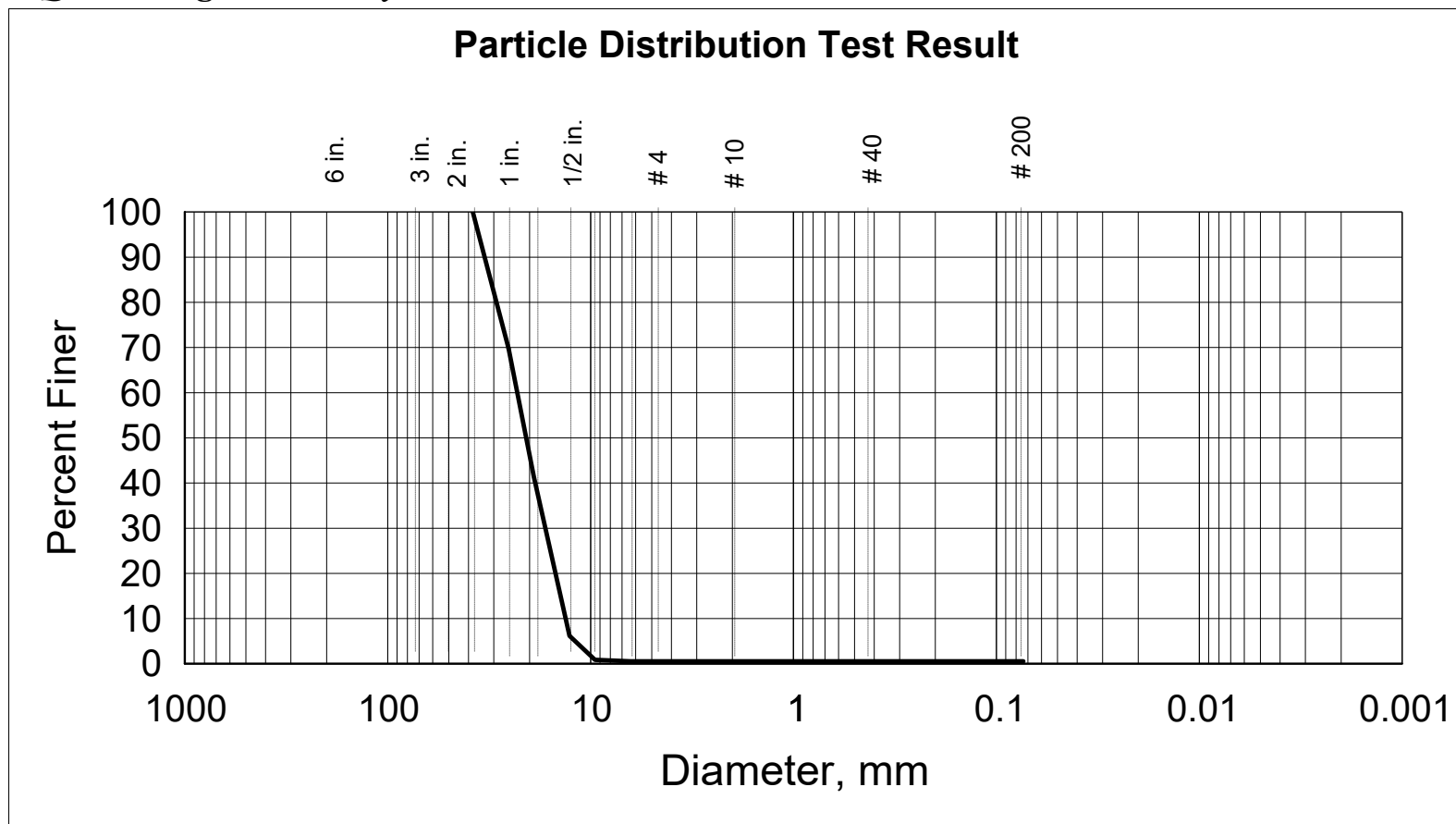
Avg. k Corrected @ 20 C, cm/sec	4.4E+001
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Height of Bubble Tube, cm (h)	Gradient (h/L)	Manometer Readings		Quantity of Flow (Q)	Time, sec. (t)	Permeant Temperature, C	Uncorrected k	Corrected k @ 20 C
		Start, cm	Finish, cm					
2.00	0.0656	50	0	8803.25	13.41	22	5.5E+001	5.2E+001
3.00	0.0984	50	0	8803.25	10.60	22	4.6E+001	4.4E+001
4.00	0.1312	50	0	8803.25	8.78	22	4.2E+001	4.0E+001
5.00	0.1640	50	0	8803.25	7.50	22	3.9E+001	3.7E+001

Remarks:

$k = QL/Ath$, and Corrected for temp @ 20 C = $k * (-0.02452 * \text{temp} + 1.495)$



Proj. Name:	Green Bay Packaging	Gravel, %	Sand, %	P-200		LL	PI
Project No.:	2544	99.5	0.0	0.5		N/A	N/A
Date of Report:	03.23.2026	Description and Classification					
Project Loc.	Arkansas	Gravel, Poorly graded, GP					
		Standard Sieve Sizes - Percent Passing					
Sample Identification - Location - Type		6 "	2.5 "		3/8 "	0.9	
0304 A	Bulk Sample	5 "	2 "		1/4 "	0.5	
Date Received	03.16.2026	4.5 "	1- 1/2 "	100.0	# 4	0.5	
Dry sample prep., ASTM D6913, D1140		4 "	1 "	69.8	# 10	0.5	
Balance ID:	1, 2	3.5 "	3/4 "	41.3	# 40	0.5	
Tested By:	JMB	3 "	1/2 "	6.2	# 200	0.5	
	Reveiwed By BMG						

Laboratory Testing Geotextile Conformance Results



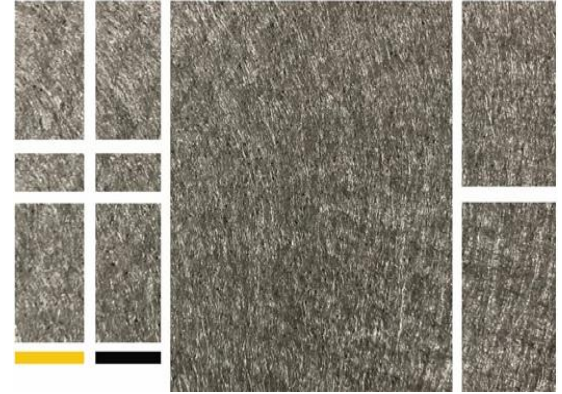
NON-WOVEN GEOTEXTILE

GT - 110



Project Reference:

SKAPS GT-110 is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-110 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13. SKAPS GT-110 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards.



SKAPS GT-110 conforms to the Minimum Average Roll Values (MARV) listed below:

Property	Method	English (MARV ²)	Metric (MARV ²)
Grab Tensile Strength	ASTM D 4632	250 lbs.	1.112 kN
Grab Elongation	ASTM D 4632	50%	
Trapezoid Tear Strength	ASTM D 4533	100 lbs.	0.444 kN
CBR Puncture Resistance	ASTM D 6241	700 lbs	3.113 kN
Permittivity ⁴	ASTM D 4491	1.2 sec ⁻¹	
Water Flow ⁴	ASTM D 4491	80 gpm/ft ²	3251 l/min/m ²
Apparent Opening Size (AOS) ^{3&4}	ASTM D 4751	100 Std. U.S. Sieve	0.150 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	

Packaging

Roll Dimensions (W x L)	12.5 x 360 ft. 15 x 300 ft.	3.81 m x 109.8 m 4.6 m x 91.4 m
Area Per Roll	500 sq. yards	418.3 sq. meters

Note

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. Maximum Average Roll Value (MaxARV)
4. At time of manufacturing. Handling may change these properties.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. SKAPS assumes no liability in connection with the use of this information.



TESTING, RESEARCH, CONSULTING AND FIELD SERVICES

Austin, TX - USA | CA - USA | SC - USA | Gold Coast - Australia | Suzhou - China | Sao Paulo, Brazil | Johannesburg - Africa

March 18, 2026

Jonathan King
Promus Engineering, LLC

email: jking@promusengineering.com
ccemail: rwallen@promusengineering.com

Greetings,

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	Promus Engineering - Green Bay Packaging
TRI Job Reference Number:	26-00952
Material(s) Tested:	One, SKAPS GT110 Nonwoven Geotextile(s)
Test(s) Requested:	Mass/Unit Area (ASTM D5261) Grab Tensile (ASTM D4632) CBR Puncture Strength (ASTM D6241) Trapezoidal Tear (ASTM D4533) Apparent Opening Size (ASTM D4751) Permittivity (ASTM D4491)

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

A handwritten signature in black ink, appearing to read 'Mansukh Patel', written in a cursive style.

Mansukh Patel
Laboratory Manager
Geosynthetic Services Division

GEOTEXTILE TEST RESULTS
TRI Client: Promus Engineering, LLC
Project: Promus Engineering - Green Bay Packaging

Material: SKAPS GT110 Nonwoven Geotextile
 Sample Identification: SKAPS GT-110 (NL)
 TRI Log #: 26-00952

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.
	1	2	3	4	5	6	7	8	9	10		
Mass/Unit Area (ASTM D5261)												
5" diameter circle (grams)	3.97	3.58	3.84	3.67	3.96	4.44	4.01	3.75	3.82	3.92	3.90	0.24
Mass/Unit Area (oz/sq.yd)	9.23	8.33	8.93	8.54	9.21	10.33	9.33	8.72	8.89	9.12	9.06	0.55
Grab Tensile Properties (ASTM D4632)												
MD - Tensile Strength (lbs)	314	269	262	248	298	292	293	239	338	234	279	34
TD - Tensile Strength (lbs)	270	299	285	282	228	304	269	297	295	310	284	24
MD - Elong. @ Max. Load (%)	69	68	72	78	67	66	67	73	68	82	71	5
TD - Elong. @ Max. Load (%)	105	103	85	105	107	97	99	94	102	102	100	6
CBR Puncture Strength (ASTM D6241)												
Puncture Resistance (lbs)	911	787	800	988	787	792	845	848	1030	874	866	86
Trapezoidal Tear (ASTM D4533)												
MD - Tear Strength (lbs)	149	143	109	138	118	117	126	117	100	137	125	16
TD - Tear Strength (lbs)	121	129	141	156	145	130	158	154	145	142	142	12
Apparent Opening Size (ASTM D4751, Method B.)												
Opening Size Diameter (mm)	0.124	0.136	0.139	0.143	0.141						0.137	0.008
Sieve No.	100	100	100	100	100						100	
Permittivity (ASTM D4491,Method C)												
Thickness (mil)	105	103	101	112	111	111	121	108	112	132	112	9
Thickness (mm)	2.68	2.61	2.56	2.84	2.82	2.83	3.07	2.74	2.84	3.35	2.83	0.23
Permittivity (Sec-1)	1.05	1.26	1.30	1.31	1.25	1.18	1.70	1.21	1.54	1.15	1.30	0.19
Permittivity (GPM/ft2)	78.5	94.2	97.2	98.0	93.5	88.3	127.2	90.5	115.2	86.0	96.9	14.3
Flow rate (LPM/m2)	3200	3840	3962	3992	3810	3596	5181	3688	4693	3505	3947	583
Permittivity (cm/sec)	0.281	0.328	0.333	0.373	0.352	0.334	0.522	0.331	0.438	0.385	0.368	0.068
MD Machine Direction	TD Transverse Direction											

APPENDIX E

AS-BUILTS



CELL LINER SYSTEM VERIFICATION TABLE

PNT. NO.	NORTHINGS	EASTINGS	BCL ELEV	TCL ELEV	CL DEPTH	PC ELEV	PC DEPTH
2	1630.7	3641.8	304.0	306.2	2.2	306.8	0.6
3	1653.2	3646.1	304.0	306.2	2.2	306.4	N/A
6	1678.1	3689.7	304.0	306.0	2.1	306.0	N/A
7	1703.1	3733.3	304.0	306.1	2.1	306.1	N/A
10	1728.1	3776.8	304.0	306.1	2.1	306.1	N/A
12	1750.0	3815.0	303.9	306.2	2.3	306.2	N/A
13	1734.9	3818.1	296.7	299.0	2.4	299.6	0.6
14	1714.1	3783.1	296.4	298.7	2.3	299.3	0.6
15	1689.1	3739.6	296.4	298.7	2.3	299.3	0.6
16	1664.4	3695.9	296.5	298.6	2.1	299.2	0.6
17	1640.4	3651.9	297.0	299.5	2.5	300.0	0.6
21	1661.0	3697.4	296.5	298.6	2.1	299.1	0.5
22	1669.4	3715.9	296.3	298.5	2.2	299.0	0.5
23	1670.2	3717.8	295.4	297.5	2.2	299.1	1.6
24	1671.1	3719.6	296.3	298.5	2.2	299.1	0.6
25	1681.7	3743.0	296.4	298.6	2.3	299.1	0.5
26	1702.3	3788.5	296.4	298.6	2.2	299.2	0.6
27	1723.0	3833.1	297.0	299.2	2.2	299.9	0.6
29	1678.4	3857.1	297.0	299.2	2.2	299.8	0.7
30	1677.4	3854.7	296.9	299.1	2.2	299.6	0.5
31	1656.7	3809.1	296.5	298.9	2.3	299.4	0.5
32	1636.1	3763.6	296.4	298.7	2.3	299.3	0.6
33	1625.9	3740.9	296.4	298.7	2.3	299.3	0.6
34	1625.1	3739.1	295.5	297.6	2.1	299.3	1.7
35	1624.2	3737.3	296.4	298.6	2.2	299.2	0.6
36	1615.5	3718.0	296.6	299.0	2.4	299.5	0.6
37	1594.9	3672.5	297.1	299.4	2.3	299.9	0.5
38	1593.8	3670.1	297.1	299.4	2.3	300.0	0.5
39	1588.2	3657.7	303.8	306.2	2.4	306.9	0.7
40	1586.5	3654.1	304.5	306.8	2.3	307.3	0.5
41	1540.2	3672.9	304.3	306.6	2.3	307.4	0.8
42	1541.8	3676.6	303.8	306.2	2.4	306.9	0.7
43	1547.2	3688.5	297.4	299.7	2.3	300.3	0.6
44	1549.3	3693.1	297.3	299.7	2.3	300.2	0.5
45	1569.9	3738.7	296.9	299.2	2.4	299.7	0.5
46	1579.0	3758.7	296.7	299.0	2.3	299.5	0.5
47	1579.8	3760.5	295.6	297.7	2.1	299.5	1.8
48	1580.7	3762.3	296.6	298.8	2.2	299.4	0.5
49	1590.6	3784.2	296.8	299.1	2.3	299.6	0.5
50	1611.2	3829.8	297.1	299.4	2.3	299.9	0.5
51	1631.8	3875.3	297.0	299.3	2.2	299.8	0.5
52	1633.4	3879.0	297.0	299.4	2.4	300.0	0.7
53	1588.4	3900.6	297.9	299.5	1.6	300.3	0.8
54	1586.3	3895.9	298.0	299.6	1.6	300.1	0.5
55	1565.6	3850.4	298.1	299.6	1.7	300.4	0.5
56	1545.0	3804.8	297.7	299.5	1.7	300.0	0.5
57	1535.4	3783.7	297.5	299.0	1.5	299.5	0.5
58	1534.6	3781.8	296.4	298.0	1.6	299.5	1.5
59	1533.8	3780.0	297.5	299.0	1.5	299.5	0.5
60	1524.4	3759.3	297.9	299.5	1.6	300.0	0.5
61	1503.8	3713.7	298.2	299.9	1.7	300.4	0.5
62	1500.8	3707.1	298.3	300.1	1.8	300.6	0.5
63	1495.5	3695.5	303.9	306.4	2.5	307.2	0.8
64	1493.9	3691.8	304.6	307.1	2.6	307.6	0.5
65	1447.5	3710.8	304.4	306.9	2.5	307.4	0.5
66	1449.2	3714.4	303.8	306.3	2.5	307.0	0.7
67	1454.3	3725.6	298.4	300.3	1.9	300.9	0.5
68	1458.2	3734.4	298.4	300.0	1.7	300.6	0.6
69	1478.8	3779.9	297.9	299.5	1.6	300.0	0.5
70	1488.6	3801.4	297.7	299.2	1.6	299.7	0.5
71	1489.4	3803.2	296.6	298.1	1.5	299.7	1.6
72	1490.2	3805.0	297.7	299.2	1.6	299.7	0.5
73	1499.5	3825.5	297.9	299.5	1.7	300.1	0.6
74	1520.1	3871.0	298.4	300.0	1.6	300.5	0.5
75	1540.7	3916.6	298.3	299.9	1.6	300.5	0.5
76	1544.4	3924.6	298.2	299.8	1.6	300.4	0.6
77	1500.6	3948.6	298.4	300.0	1.6	300.8	0.8
78	1495.2	3937.2	298.6	300.2	1.6	300.7	0.5
79	1474.6	3891.6	298.7	300.2	1.5	300.7	0.6
80	1453.9	3846.1	298.2	299.9	1.7	300.4	0.5
81	1445.0	3826.4	297.9	299.5	1.6	300.1	0.6
82	1444.2	3824.6	296.8	298.4	1.6	300.0	1.7
83	1443.4	3822.8	297.9	299.5	1.6	299.9	0.5
84	1433.3	3800.5	298.1	299.8	1.7	300.3	0.5
85	1412.7	3755.0	298.6	300.3	1.7	300.9	0.6
86	1407.7	3744.0	298.7	300.4	1.6	300.9	0.5
87	1402.9	3733.3	303.8	306.3	2.5	306.9	0.6
88	1401.2	3729.7	304.3	306.7	2.4	307.3	0.6
89	1354.9	3748.6	304.3	306.7	2.4	307.4	0.6
90	1356.5	3752.2	303.9	306.5	2.6	306.9	0.5
91	1361.1	3762.4	299.0	300.6	1.6	301.1	0.5
92	1367.1	3775.6	298.9	300.5	1.6	301.0	0.6
93	1387.8	3821.2	298.4	300.0	1.6	300.6	0.6
94	1398.2	3844.1	298.1	299.6	1.5	300.2	0.5
95	1399.0	3846.0	297.1	298.6	1.5	300.2	1.5
96	1399.8	3847.8	298.1	299.7	1.6	300.2	0.6
97	1408.4	3866.7	298.3	299.9	1.6	300.4	0.5
98	1429.0	3912.3	298.9	300.5	1.6	301.0	0.5
99	1449.6	3957.8	298.8	300.4	1.6	301.1	0.7
100	1456.1	3972.3	298.7	300.4	1.7	300.9	0.6
101	1412.3	3996.5	298.9	300.7	1.7	301.3	0.7
102	1404.1	3978.4	299.1	300.8	1.6	301.3	0.5
103	1383.5	3932.9	299.1	300.7	1.6	301.3	0.5
104	1362.8	3887.3	298.6	300.1	1.6	300.6	0.5
105	1354.6	3869.1	298.3	299.9	1.5	300.4	0.5

PNT. NO.	NORTHING	EASTING	BCL ELEV	TCL ELEV	CL DEPTH	PC ELEV	PC DEPTH
106	1353.8	3867.3	297.4	298.9	1.5	300.4	1.5
107	1352.9	3865.5	298.3	299.8	1.5	300.4	0.5
108	1342.2	3841.8	298.6	300.2	1.6	300.8	0.5
109	1321.6	3796.2	299.1	300.7	1.6	301.3	0.6
110	1314.6	3780.8	299.3	300.9	1.6	301.4	0.5
111	1310.2	3771.1	303.8	306.3	2.5	306.8	0.5
112	1308.5	3767.4	304.3	306.8	2.5	307.4	0.7
113	1262.2	3786.3	304.3	306.7	2.4	307.2	0.5
114	1263.9	3790.0	303.9	306.3	2.4	306.8	0.5
115	1268.0	3799.2	299.5	301.2	1.7	301.8	0.6
116	1276.0	3816.9	299.4	301.0	1.6	301.5	0.5
117	1296.7	3862.4	298.9	300.5	1.6	301.1	0.6
118	1307.7	3886.8	298.6	300.2	1.5	300.8	0.6
119	1308.5	3888.7	297.5	299.1	1.6	300.7	1.6
120	1309.2	3890.5	298.6	300.2	1.6	300.8	0.5
121	1317.3	3908.0	298.8	300.3	1.5	300.8	0.5
122	1337.9	3953.5	299.3	301.1	1.7	301.6	0.5
123	1358.5	3999.1	299.4	301.2	1.8	301.8	0.6
124	1368.0	4019.6	299.2	300.9	1.7	301.5	0.6
125	1323.8	4043.4	299.4	301.2	1.8	301.8	0.6
126	1313.0	4019.7	299.7	301.4	1.7	302.0	0.6
127	1292.4	3974.1	299.5	301.3	1.8	301.9	0.5
128	1271.7	3928.6	299.1	300.7	1.6	301.2	0.5
129	1262.9	3909.5	298.8	300.4	1.6	301.0	0.5
130	1262.2	3907.7	297.8	299.3	1.5	300.9	1.6
131	1261.4	3905.8	298.8	300.4	1.5	300.9	0.5
132	1251.1	3883.0	299.1	300.8	1.8	301.4	0.5
133	1230.5	3837.5	299.6	301.3	1.7	301.8	0.5
134	1221.5	3817.6	299.8	301.5	1.7	302.1	0.5
135	1217.5	3808.9	303.9	306.2	2.2	306.7	0.5
136	1215.9	3805.2	304.3	306.6	2.3	307.1	0.5
137	1169.4	3823.9	304.3	306.8	2.5	307.4	0.6
138	1171.1	3827.5	304.0	306.5	2.5	307.0	0.5
139	1174.8	3835.8	300.1	301.8	1.7	302.3	0.5
140	1184.9	3858.1	299.8	301.5	1.7	302.1	0.6
141	1205.6	3903.7	299.4	301.0	1.7	301.6	0.5
142	1215.1	3924.8	299.1	300.7	1.6	301.2	0.5
143	1215.9	3926.6	298.1	299.6	1.5	301.1	1.5
144	1216.8	3928.4	299.0	300.6	1.5	301.1	0.5
145	1226.2	3949.2	299.3	301.0	1.7	301.5	0.5
146	1246.8	3994.8	299.8	301.5	1.8	302.1	0.5
147	1267.4	4040.3	300.0	301.7	1.8	302.3	0.5
148	1280.3	4068.6	299.7	301.4	1.7	302.0	0.6
149	1236.4	4092.8	299.9	301.5	1.6	302.1	0.5
150	1221.9	4060.9	300.1	302.0	1.9	302.6	0.6
151	1201.3	4015.4	299.9	301.8	1.9	302.4	0.5
152	1180.6	3969.8	299.5	301.3	1.8	301.8	0.5
153	1170.3	3947.4	299.4	300.8	1.4	301.3	0.5
154	1169.6	3945.6	298.3	299.8	1.5	301.4	1.6
155	1168.8	3943.7	299.3	300.9	1.6	301.4	0.5
156	1160.0	3924.3	299.6	301.3	1.7	301.8	0.5
157	1139.4	3878.8	300.1	301.8	1.8	302.3	0.5
158	1128.1	3853.8	300.3	302.1	1.8	302.6	0.5
159	1124.6	3846.1	303.9	306.3	2.3	306.8	0.5
160	1122.9	3842.4	304.3	306.6	2.3	307.2	0.6
161	1076.4	3860.9	304.3	306.5	2.2	307.0	0.6
162	1078.1	3864.6	304.0	306.2	2.3	306.8	0.6
163	1081.4	3871.9	300.6	302.3	1.7	302.8	0.5
164	1093.8	3899.4	300.3	302.1	1.8	302.6	0.5
165	1114.5	3944.9	299.8	301.4	1.6	301.9	0.5
166	1122.5	3962.7	299.6	301.2	1.6	301.8	0.6
167	1123.3	3964.5	298.6	300.1	1.5	301.8	1.8
168	1124.2	3966.4	299.6	301.2	1.6	301.8	0.6
169	1135.1	3990.5	299.7	301.6	1.8	302.1	0.5
170	1155.7	4036.0	300.2	302.0	1.8	302.5	0.5
171	1176.3	4081.6	300.5	302.3	1.8	302.8	0.5
172	1192.6	4117.3	300.2	301.9	1.7	302.5	0.6
173	1148.4	4141.3	300.4	302.1	1.7	302.7	0.6
174	1130.8	4102.2	300.8	302.5	1.7	303.1	0.6
175	1110.2	4056.6	300.5	302.2	1.7	302.8	0.6
176	1089.5	4011.1	300.1	301.7	1.7	302.3	0.6
177	1078.8	3987.3	299.8	301.5	1.6	302.1	0.6
178	1078.0	3985.5	298.8	300.3	1.5	302.0	1.7
179	1077.1	3983.7	299.8	301.4	1.6	302.0	0.6
180	1068.9	3965.6	300.0	301.7	1.7	302.3	0.6
181	1048.3	3920.0	300.5	302.3	1.7	302.8	0.6
182	1040.9	3887.5	300.8	302.6	1.7	303.0	0.5
183	1040.1	3923.7	300.6	302.3	1.7	302.9	0.6
184	1032.1	3927.3	303.9	306.1	2.2	306.7	0.6
185	1032.2	3982.2	302.4	304.6	2.2	305.2	0.6
186	1037.7	3979.7	300.2	301.9	1.7	302.6	0.7
187	1044.0	4031.7	300.3	302.0	1.7	302.6	0.6
188	1037.3	4034.8	300.3	301.9	1.7	302.7	0.7
189	1032.3	4037.0	302.2	304.4	2.1	305.0	0.6
190	1032.6	4091.8	302.2	304.4	2.2	305.0	0.6
191	1036.2	4090.2	300.8	302.6	1.7	303.3	0.7
192	1064.6	4077.3	300.7	302.4	1.7	303.0	0.6
193	1085.3	4122.8	301.1	302.9	1.7	303.4	0.5
194	1104.0	4164.1	300.8	302.4	1.7	303.0	0.5
195	1059.5	4183.9	301.5	303.0	1.5	303.6	0.6
196	1041.1	4192.2	301.7	303.2	1.5	303.8	0.6
197	1032.8	4146.6	302.4	304.8	2.3	305.4	0.6
198	1036.0	4145.1	301.4	303.0	1.6	303.7	0.7
199	1033.0	3882.1	304.9	307.0	2.1	307.6	0.6
POINTS REQUIRING ONLY TWO 8" LIFTS							