



Department of  
**Environment &  
Conservation**

## **Public Hearing**

**Draft Permit Modification SNL800000227**

**Smith County Landfill Class I Disposal Facility**

July 1, 2025

5:30-6:00 pm – Informational Session

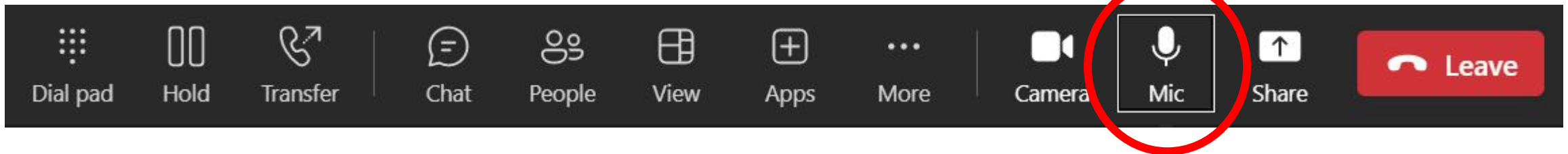
6:00 pm – Public Hearing

# Questions? Open Question and Answer Period Until 6:00 pm

- Virtual Participate Questions

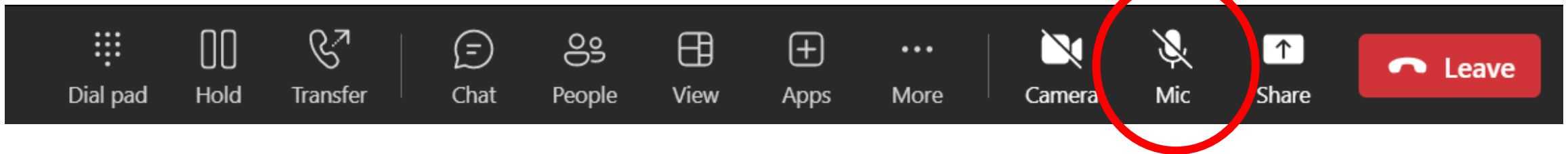
- Un-mute yourself to talk

- If calling in, unmute by dialing \*6
    - If using the Microsoft Teams application, use the microphone icon to mute/un-mute yourself



- Please mute yourself after discussion to reduce background noise.

- Dial \*6 to mute or make sure the microphone icon has a slash through it (muted)



# Hearing Format

- The public hearing will also be presented via a Microsoft Teams Teleconference.
  - **5:15 pm** - The video-teleconference will open to participants
  - **5:30 pm** - The informational session will begin with a question-and-answer period until 6:00 pm.
  - **6:00 pm** - The formal hearing will begin at 6:00 pm. During this time, the Division will accept verbal comments for the record. Comments received during the Public Hearing will be responded to in writing in the formal response to comments and Notice of Determination.
  - Individuals who cannot attend the public hearing online or by phone may request for their written comments to be read into the record during the public hearing. Written comments do not need to be read during the hearing to be part of the record.
- Participants may join online, via the MS Teams app available to iPhone and Android phones, or by phone call. Participants are highly encouraged to join online or with the MS Teams app to view maps, pictures, and other content which will be shared by the Division.

# Sign-in Form

- Please complete sign-in using the following link:
- <https://tn.gov/environment/notices/smith-county/hearing>

# Why Sign-in?

- The purpose of the survey is to provide TDEC with contact information in order to send participants the permit decision with a response to comments and the Notice of Determination.
- Please indicate whether or not you would like to make a public comment to ensure your name is called. If you select no, you will still be provided an opportunity to comment at the end of the hearing.



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## **Informational Session**

**Draft Permit Modification SNL800000227**

**Smith County Landfill Class I Disposal Facility**

**July 1, 2025**

**5:30-6:00 pm**

# Agenda

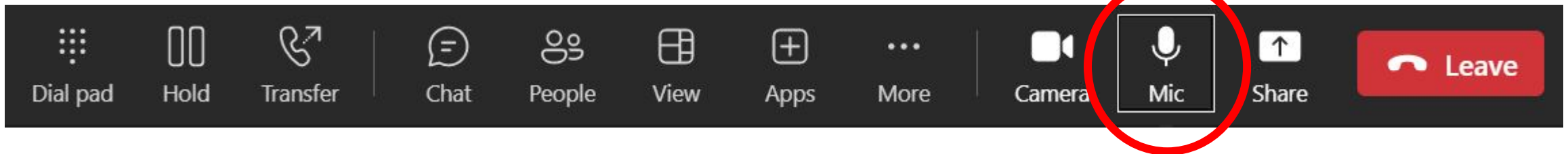
- **5:30 p.m. Informational Session Begins**
  - Review the Draft Permit, Fact Sheet, application, and plans
  - Visit the TDEC and Smith County Landfill tables to discuss your questions one-on-one prior to the start of the formal hearing.
  - Write down or record your comments during this time; sign up at the Registration Table
  - If you're joining us on MS Teams, please type your questions into the chat box. Instructions on using the chat box will be posted within the chat box.
- **6:00 p.m. Public Hearing Begins**
  - i. Welcome and Overview  
Jessie McBride, Moderator
  - ii. Presentation from TDEC  
Nick Lytle, Division of Solid Waste Management
  - iii. Presentation from Applicant  
Rob Witcher, P.E., Promus Engineering, LLC
  - iv. Receipt of Public Comments
  - v. Closing

# Questions? Open Question and Answer Period Until 6:00 pm

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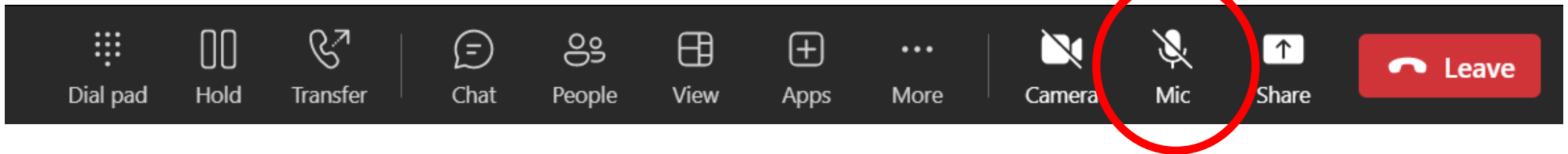
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# Public Hearing

**Draft Permit Modification SNL800000227  
Smith County Landfill Class I Disposal Facility**

**6:00 pm**

# Agenda

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# Purpose of the Sign-in Form

- Please complete sign-in using the following link:  
<https://tn.gov/environment/notices/smith-county/hearing>
- To provide TDEC with contact information in order to send participants the permit decision with a response to comments and the Notice of Determination.
- Indicate whether or not you would like to make a public comment to ensure your name is called.
- If you select no, you will still be provided an opportunity to comment at the end of the hearing.

# Presenters

- TDEC Staff member presenter:
  - Nick Lytle, TDEC Solid Waste Permits Manager
- Smith County Landfill presenter:
  - Rob Witcher, P.E., Promus Engineering, LLC

# Introductions

- Smith County Landfill staff members present:
  - Smith County Mayor Jeff Mason
  - Johnny Lee, Smith County Solid Waste Director
  - Rob Witcher, P.E., Promus Engineering, LLC
- TDEC, DSWM staff members present:
  - Nick Lytle, Solid Waste Permits Manager
  - Brian Wolf, Solid Waste Program Manager
  - Rob Burnette, Solid Waste Chief Engineer
  - Nicholas Stengel, Cookeville Environmental Field Office (EFO) Manager
  - Doug Brady, Cookeville EFO Geologist
  - Doug Hatfield, Cookeville EFO Engineer
  - Abigail Moseley, Solid Waste Permitting
  - Brianna Rives, Solid Waste Permitting
  - Breanna Couey, Public Participation Officer

# Purpose of Hearing

- To receive public comments on the proposal by the Division of Solid Waste Management to issue a new solid waste disposal facility major permit modification to the applicant.

Permit Applicant:	Smith County
Facility Name:	Smith County Class I Landfill
Permit Number:	SNL800000227
County:	Smith County

# Purpose of Hearing

- This permit would allow
  - Construction, operation, closure, and post-closure care of the Class I disposal facility for the disposal of domestic wastes, commercial wastes, institutional wastes, municipal solid wastes, bulky wastes, landscaping and land clearing wastes, industrial wastes, construction/demolition wastes, farming wastes, shredded automotive tires, dead animals, and/or certain wastes having similar characteristics that are approved in writing by the Department.

# TDEC DSWM's Tentative Decision

- In-depth review of the application
  - The application meets the applicable requirements of the Tennessee Solid Waste Disposal Act and Rules promulgated pursuant to the Act.
- The Division of Solid Waste Management intent that this permit be issued.
  - Pending consideration of any contrary technical information received during the public comment period ending on Monday, July 28, 2025.



# Notice of this Tentative Decision

- The June 12, 2025, edition of the *Carthage Courier*
- Mail & Email
  - Sent to the solid waste mail and email list for Smith County or occurring statewide.
- Department's website
  - Under the Public Participation Opportunities section.
- TDEC Cookeville EFO, Smith County Public Library, & the Division's Data Viewer
  - Copies of the application, plans, fact sheet, and draft permit have been and are available for public inspection.

# Decision Process

- Response to Comments
  - This will address all significant comments received by 4:30 p.m., July 28, 2025.
- Reviewed by the Division Director
  - The draft Response to Comments and written comments received
  - Audio recording of this hearing
- Final Response to Comments Issued
  - If a permit is issued, the Response to Comments will also specify which provisions, if any, of the draft permit have been changed in the final permit decision and the reasons for the change.

# Notice of Final Decision & Response to Comments

- Receive notice of the final decision
  - By Mail
    - Selection option on the sign-in form.
  - By E-mail
    - Please be sure to provide us your e-mail address.
  - Everyone who comments orally tonight or submits written comments and who has provided a legible, complete mailing address will automatically be sent a copy of the Public Notice of Final Decision and the Response to Comments.
- Posted on the Department's website.

# Hearing Procedure

- Nick Lytle will explain the Division's proposal to issue the solid waste disposal facility permit.
- Rob Witcher will provide some general background information on the proposed facility.
- Receive comments
  - Through the computer and app chat function
  - Verbal comments



Department of  
**Environment &  
Conservation**

**Smith County Landfill Class I Disposal Facility  
Major Modification  
Carthage, TN  
Public Hearing  
Tuesday, July 1, 2025– 6:00PM**

# Technical Contact on Draft Permit

**Contact: Nick Lytle**

**Email: [Nickolaus.Lytle@tn.gov](mailto:Nickolaus.Lytle@tn.gov)**

**Phone: 615-854-4581**

**Mail: Division of Solid Waste Management  
Davy Crockett Tower  
500 James Robertson Parkway, 7th Floor,  
Nashville, TN 37243**

# Environmental Field Office Contact

## Contact: Nicholas Stengel

Email: [Nicholas.Stengel@tn.gov](mailto:Nicholas.Stengel@tn.gov)

Phone: 615-406-9649

Mail: Division of Solid Waste Management  
Cookeville Environmental Field Office  
955 East 20th Street  
Cookeville, TN 38503

# Facility Info

- Existing Class I Solid Waste Disposal Facility
- The Facility is located at 370 Landfill Road, Carthage, Tennessee (latitude 36.2681 N/longitude -85.9402 W)
- The currently proposed expansion increases the waste fill area by 9.5 acres from the currently permitted 40.6 acres
- Total projected volume of this expansion is ~1.7 Million cubic yards. This increases the total permitted site capacity to ~5.0 Million cubic yards.

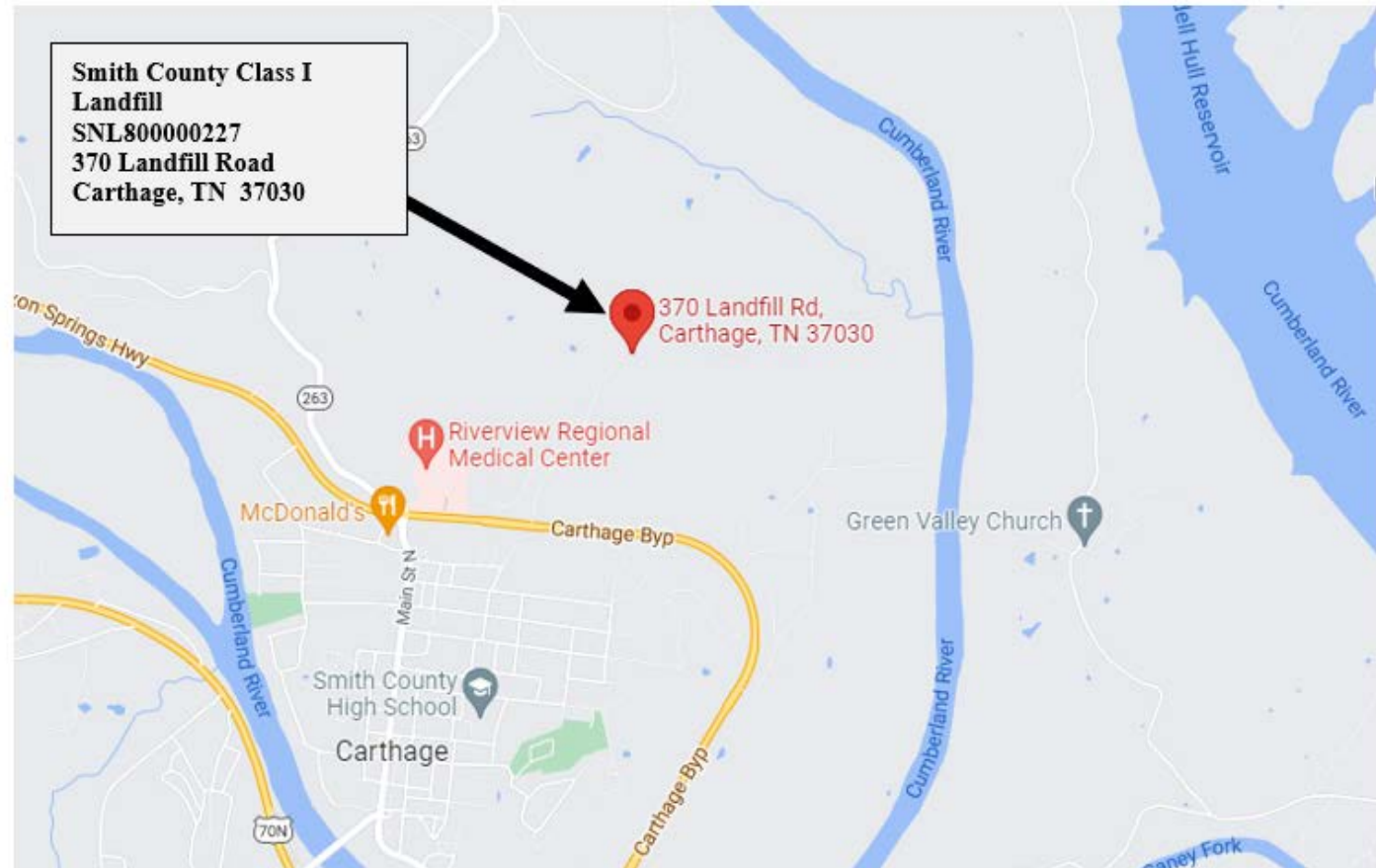


# Facility Info

- The type of waste accepted at the Smith County Class I Landfill includes domestic wastes, commercial wastes, institutional wastes, municipal solid wastes, bulky wastes, landscaping and land clearing wastes, industrial wastes, construction/demolition wastes, farming wastes, shredded automotive tires, dead animals, and/or certain wastes having similar characteristics that are approved in writing by the Department.

# Facility Size and Location

- The landfill is located on approximately 433.5 acres of land
- Total Existing Permitted Class I Disposal Area is 40.6 Acres (Permitted Class III Disposal Area is 18.5 Acres)
- 370 Landfill Road, Carthage, TN 37030



# Permitting Process

- Subject to Tennessee Rule Chapter 0400-11-01
- Regulations enforce or implement the Solid Waste Disposal Act – T.C.A. 68-211 Part 1
- Apply to New and Existing Solid Waste Facilities
- Outlines steps to follow when issuing a new permit

# Permitting Process

## Part I Application: A completed application which includes

- The name, address and phone numbers of the owner(s);
- Proposed activities to be conducted at the facility;
- A statement regarding whether the facility is subject to local approval and county approval, if necessary;
- A topographic map showing the facility, property boundaries to 1/2 mile past the boundaries, each waste processing or disposal unit, wells, springs, and other surface water bodies within 1/4 mile of the property boundaries;
- A disclosure statement.

# Permitting Process

- Complete Part I received on 6/3/2024
- Preliminary Notice Published in the Carthage Courier on 7/4/2024

# Permitting Process

## Part II Permit Application

### *Hydrological Report, Operational Manual, and Engineering Plans*

- Required to demonstrate and describe how the new site will meet the standards of the regulations
- Includes:
  - Hydrogeological Report (approved under prior permit)
  - Engineering Drawings/Plans
  - Operations Manual with Written Narrative
  - Ground Water Monitoring Plan
  - Closure/Post-Closure Plan

# Permitting Process

## **Part IIa Permit Application** ***Hydrogeological Report***

- The Part II permit application must include a report assessing the hydrogeological characteristics of the site and must be prepared and certified by a State registered geologist
- Contains:
  - Characterization of underlying soils at the site.
  - Water table elevations and aquifer information
  - Locations of all springs and well in the area
  - Narrative summary of site suitability

# Permitting Process

## **Part IIb Permit Application** ***Operational Manual and Engineering Plans***

- Initial Review is a non-technical completeness review to make sure the applicant has addressed each and every requirement that needs to be addressed. If deficiencies are found, a notice of incompleteness is issued. These steps are repeated until the application is determined to be complete.
- Once determined to be complete, an in-depth technical review is performed to ensure that the applicant adequately addressed each regulatory requirement. This technical review also includes a Peer review by at least another technical staff member to ensure consistency and thoroughness. If deficiencies are found, a notice of deficiency is sent to the applicant. Applicant must revise and resubmit to continue.
- Final review step – permit application is presented at the Permit Review Committee Meeting with Division Director and technical staff.



# Permitting Process

- Part II A received on 6/24/2024
- Part II A deemed complete on 7/9/2024
- Part II B received on 10/3/2024
- Part II B deemed complete 10/22/2024

# Permitting Process

- TDEC permit review committee conducted a peer review meeting on 4/9/2025
- Final Notice of deficiency issued to applicant on 4/24/2024
  - Response received on 5/2/2025
- Presented to Division Director on 5/21/2025

# Permitting Process

- Public Notice prepared for local newspaper (*Carthage Courier*)
- Fact Sheet and Draft Permit with specific conditions
- Applicant published combined Public Notice including notice for Public Hearing – June 12, 2025
- Public Comment Period lasts 45 days
- Ends July 28, 2025 - 4:30 PM
- Public Display of Documents during Comment Period
- Public Hearing is held
- At end of public comment period, evaluate all comments
- Final Permit Decision to Approve or Deny with response to comments

# Facility Variances/Waivers

1. A waiver is granted for the liner standards of Rule 0400-11-01-.04(4)(a)1(vi) to allow the slope of the liner to exceed 25%.

# Facility Specific Permit Conditions

1. The Permittee shall hold a pre-construction meeting before construction begins on any new cell or phases. The Permittee must notify the Division of Solid Waste Management (Division) at least seven (7) days before the pre-construction meeting is held.
2. Prior to accepting any waste in a newly constructed cell or phase, on or after the effective date of this Permit, the Permittee must submit to the Division for review and acceptance of a Construction Quality Assurance (CQA) Report that includes at least the following information:
  - a. As-built surveys of the top of the geologic buffer, top of the clay liner, and top of the drainage/protection layers.
    - i. The top of the geologic buffer survey must include the seasonal high groundwater elevation contours.
    - ii. The top of the drainage/protection layer survey must include the as-built location for the leachate lines and any leachate transportation piping or storage outside of the permitted cells.
  - b. All necessary documentation to demonstrate compliance with the facility's CQA Manual and the facility's Engineering Plans.

# Facility Specific Permit Conditions

3. Prior to accepting any waste in a newly constructed cell or phase the Permittee must submit a demonstration to the Division that background groundwater sampling has been completed in accordance with the approved groundwater monitoring plan.
4. Any waste located above permitted waste grades shall be placed into permitted airspace within two (2) years from acknowledgement of the construction of Phase 2 by the Division. Initiation of the relocation of overfilled waste must commence within 30 days of acknowledgement of the construction of Phase 2 by the Division.
5. Upon completion of Phase 1 construction, the Permittee shall submit a minor modification request to the Division with an updated fill plan for addressing and stabilizing the proposed excavated waste slopes necessary to tie into the Wright Tract I Phase 2 and 2.4-acre Overlay areas. The fill plan will specifically identify a schedule and key milestone dates to restore these slopes steeper than 3:1 to more stable areas.

# Comments

**Send comments to Abby Moseley  
by Monday, July 28, 2025**

**Email:** [Abigail.Moseley@tn.gov](mailto:Abigail.Moseley@tn.gov)

**Phone:** 615-917-5879

**Mail:** Division of Solid Waste Management  
Davy Crocket Tower  
500 James Robertson Parkway, 7th Floor  
Nashville, TN 37243

# Thank You



THANK YOU



# **Smith County Class I Landfill 9.5-Acre Southern Expansion**

Public Hearing

July 1, 2025









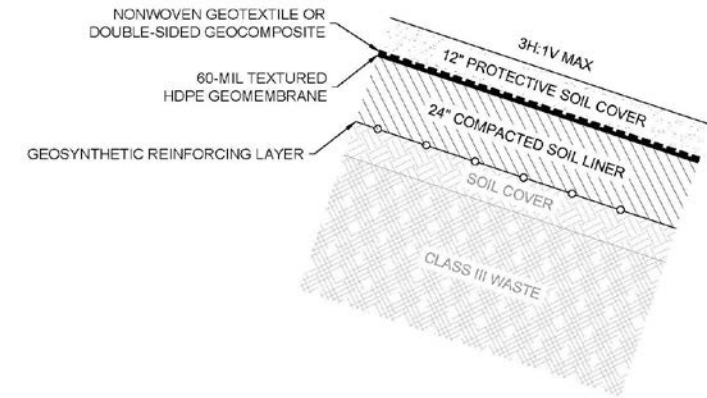
# Smith County Class I Landfill Southern Expansion

- 9.5 acres
  - 6.1-acre lateral expansion
  - 3.4-acre overlay on existing Class III Landfill
- 1.768 million cubic yards additional airspace
- Expansion will enable Smith County to continue to manage MSW

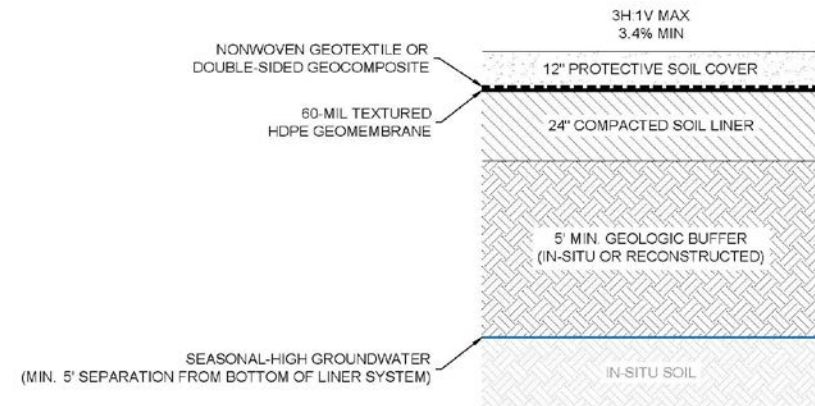


# Smith County Class I Landfill Southern Expansion

- Composite Liner
  - 5' Geologic Buffer
  - 24" Compacted Soil Liner
  - 60-mil HDPE Geomembrane
  - 12" Protective Soil Cover
  - Leachate Collection, Removal, and Conveyance System



**CLASS III OVERLAY LINER SYSTEM**



**LATERAL EXPANSION AREA LINER SYSTEM**



# Smith County Class I Landfill Southern Expansion

- Environmental Monitoring System
  - Groundwater Monitoring (8 wells, 6 springs)
  - Explosive Gas Monitoring (6 wells, 3 structures)
  - Stormwater Monitoring (5 outfalls)
  - Leachate Monitoring





Prepared by:

C. Rob Witcher, PE

Tel. (423) 580-6763

[rwitcher@promusengineering.com](mailto:rwitcher@promusengineering.com)



# Public Comment Guidelines

- Pertinent Comments
  - The State is limited by Statute and Regulations in what it can consider in making its final permit decision.
  - The State can only consider the factual and pertinent comments that relate to the requirements of the State (Solid / Hazardous) Waste Management Act and Regulations.
  - Require that all testimony be relevant to solid waste disposal facility-related issues.
  - Avoid undue repetition in oral presentations.

# Comments: Equal Opportunity

- Comments limited to three (3) minutes.
  - Strictly enforced
- Timer beep
  - To advise you have 1-minute remaining.
- At the 3-minute limit, TDEC may mute the online participants.
- Disruptive participants, may be re-muted by the host, or removed from the Teams Meeting.
- Written comments will be accepted at the hearing and by TDEC until **Monday, July 28, 2025.**
  - Written comments will be afforded the same consideration as verbal testimony.



# Public Comment Procedure

- Comment Order
  1. Participants who stated they wished to comment via the survey or sign-in sheet.
  2. Additional comments from people participating by:
    - i. Computer
    - ii. App
    - iii. Phone
  3. Comments from those who could not attend
- Staff cannot answer questions during the formal hearing

All questions or comments will be responded to in writing.

# Comments?

- Is there any one left who would like to make a comment for the record that has yet to do so?
- TDEC will read comments from persons unable to attend the hearing in person and who indicated they wished their comments would be read.
- Written comments do not need to be read at the hearing to be part of the record

# Decision Processes

- We will review all your comments, oral and written, and make our decision. Based on the comments and evaluation, we can issue, modify, revise, extend the hearing, or deny the application. We can also ask for additional information and data from the applicant, if needed, to complete the decision process.
- A copy of our permit decision with a response to comments and the Notice of Determination will be mailed or emailed to those in our record of attendance and will also be uploaded to TDEC's public dataviewer.

# Closing

- You may submit written comments until **July 28, 2025.**

Division of Solid Waste Management  
500 James Robertson Parkway, 7th Floor, Nashville, TN 37243  
[Abigail.Moseley@tn.gov](mailto:Abigail.Moseley@tn.gov)

- All comments received by the deadline will be reviewed by the Division in order to make the best possible permit decision.



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Conservation**

**Thank you!**