

Proposed Application - Mine Permit I-002310 Sassafras Mine **PUBLIC MEETING**



To avoid echoing or feedback, all lines are muted.



At the end of the presentation, we will unmute and call upon those who signed up to speak.



This virtual meeting will be recorded and posted on our webpage.

Option to Call In

If you are experiencing audio problems, join the virtual meeting by phone:

Phone number: **1 (864) 558-7311**

Access Code: **459 784 162#**



Exits the meeting. (If you accidentally exit the meeting, you can rejoin.)

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Proposed Application Sassafras Mine

Mine Operating Permit
Application I-002310

Dorchester County
PUBLIC MEETING



Agenda

- Instructions for Participating Remotely
- Introductions and Opening Remarks
- DHEC Presentation
- Question and Answer Session
- Closing Remarks
- Meeting Adjourned

Sassafras Mine

- Application for the Sassafras Mine
- Reclamation of the mine operation
- Common concerns
- Public Hearing to receive comments
- Final review of comments
- Decision process
- Notification of Decision

Location



Public Notice Timeline

September 21, 2020 - Application for Sassafras Mine received

March 17, 2021 - Application Public Noticed

- Adjacent Landowners
- Advertisement in Summerville *Journal Scene* newspaper
- County, State, and Federal Agencies:
 - SC Department of Natural Resources (DNR)
 - SC Department of Archives and History (A&H)
 - US Army Corps of Engineers (ACOE)
 - US Fish and Wildlife Service (F&W)
 - National Oceanic and Atmospheric Administration (NOAA)

April 6, 2021 - Public hearing requested

September 15, 2021 - Notice of Public Meeting and Hearing on Sassafras Mine

September 30, 2021 - Public Meeting

October 21, 2021 - Public Hearing



Application Reviews

DISCHARGES FROM THE MINE:

- DHEC Bureau of Water (BOW) is processing the National Pollutant Discharge Elimination System (NPDES) application

WETLANDS:

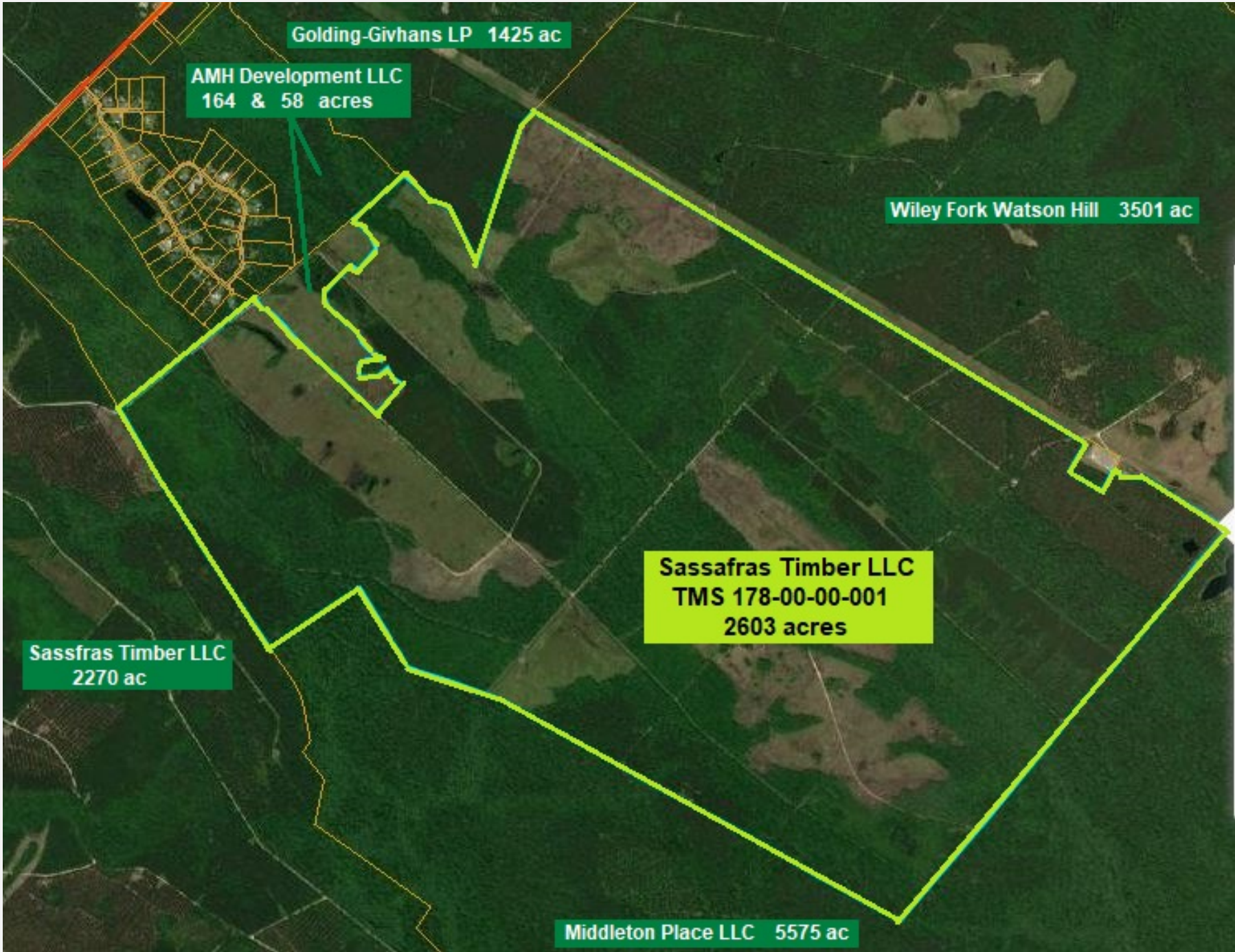
- DHEC's Office of Ocean and Coastal Resource Management (OCRM) is reviewing for request for consistency with SC Coastal Zone Management Program
- Army Corps of Engineers has issued an Approved Jurisdictional Determination (AJD) for Segments 1 - 6

WILDLIFE:

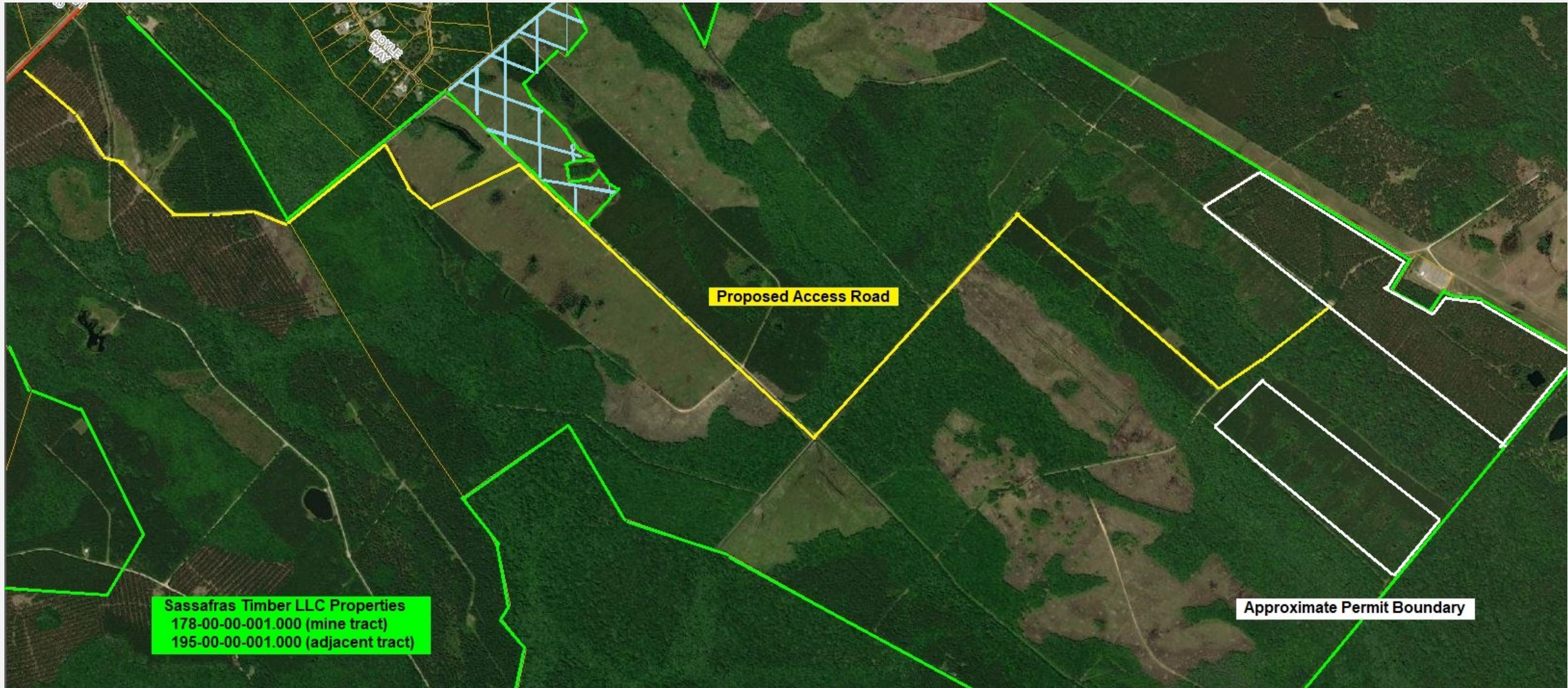
- SC Department of Natural Resources (SCDNR)
- US Fish and Wildlife Service (USF&WS)

CULTURAL & HISTORIC RESOURCES: SC Department of Archives and History (SCDAH)

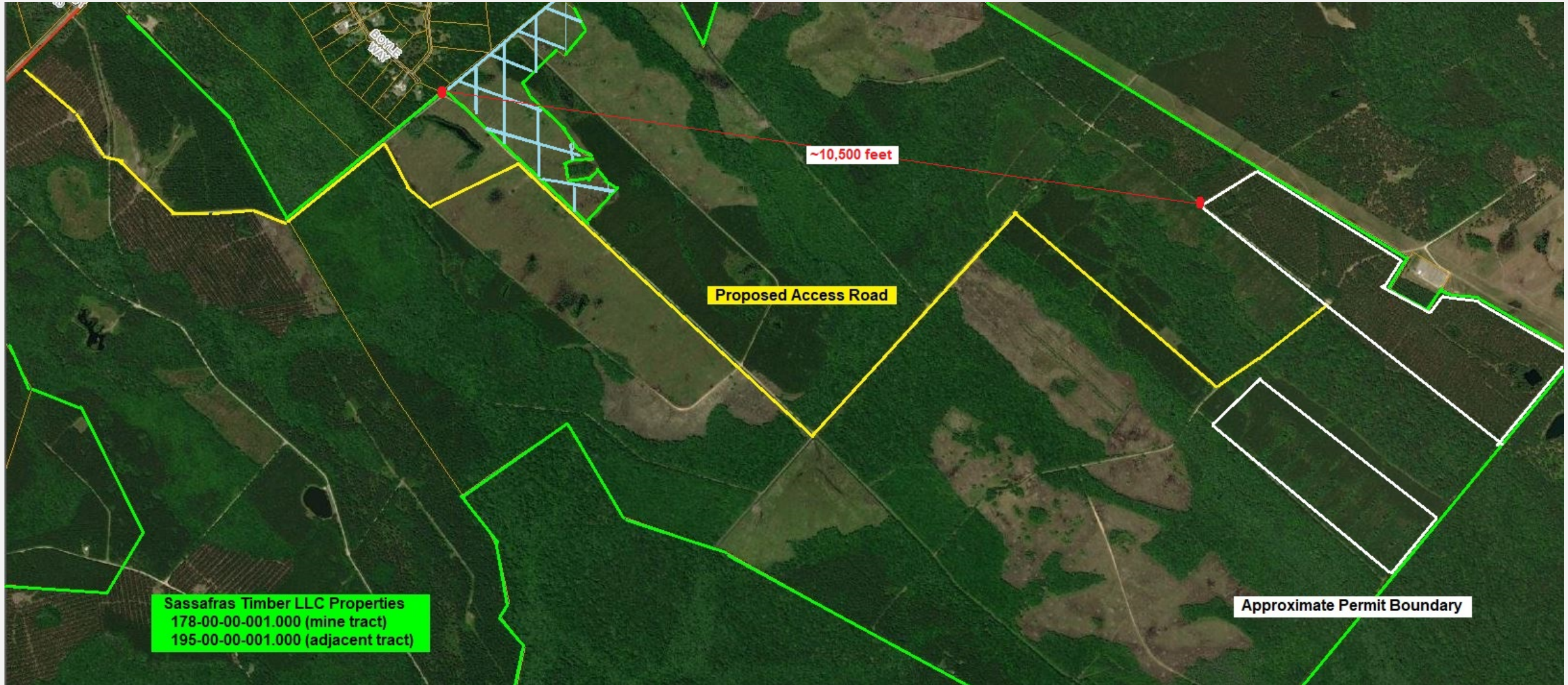
ZONING AND LAND USE: City of North Charleston



Location Overview

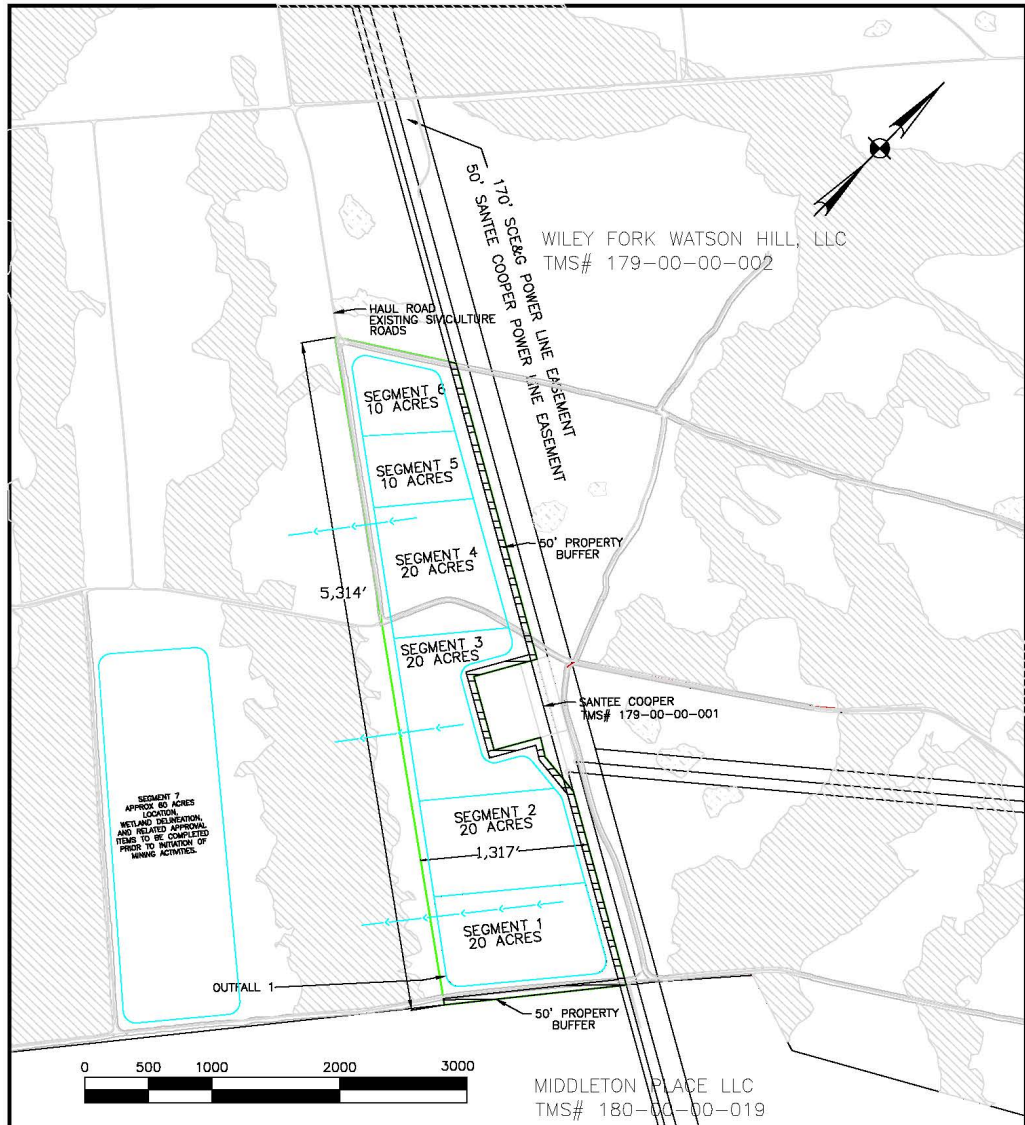


Location Overview



Proposed Application

- 2603-acre tract owned by operator
- 171.5 acres for proposed mining:
 - 160.0 acres affected by excavation
 - 3.0 acres roads
 - 8.5 acres of buffer
- Material: sand, sand/clay, and topsoil
- Depth: 20 feet
- Processing: material will be excavated and loaded directly onto trucks
- No blasting
- Water will be pumped from the excavation
 - mixture of stormwater and groundwater
 - discharges are regulated by NPDES permit



MINE MAP
PROJECT #: 01-4482 DATE: 07/10/20
CREATED BY: JRD REVISED: 2/23/21

Sassafras Mine, North Charleston, SC
Sassafras Timber, LLC
14120 Ballantyne Corp. Place, Suite 525
Charlotte, NC 28277

←←←← DRAINAGE FLOW ARROWS
USACE JURISDICTIONAL WETLANDS (J)
NON-JURISDICTIONAL WETLANDS (NJ)



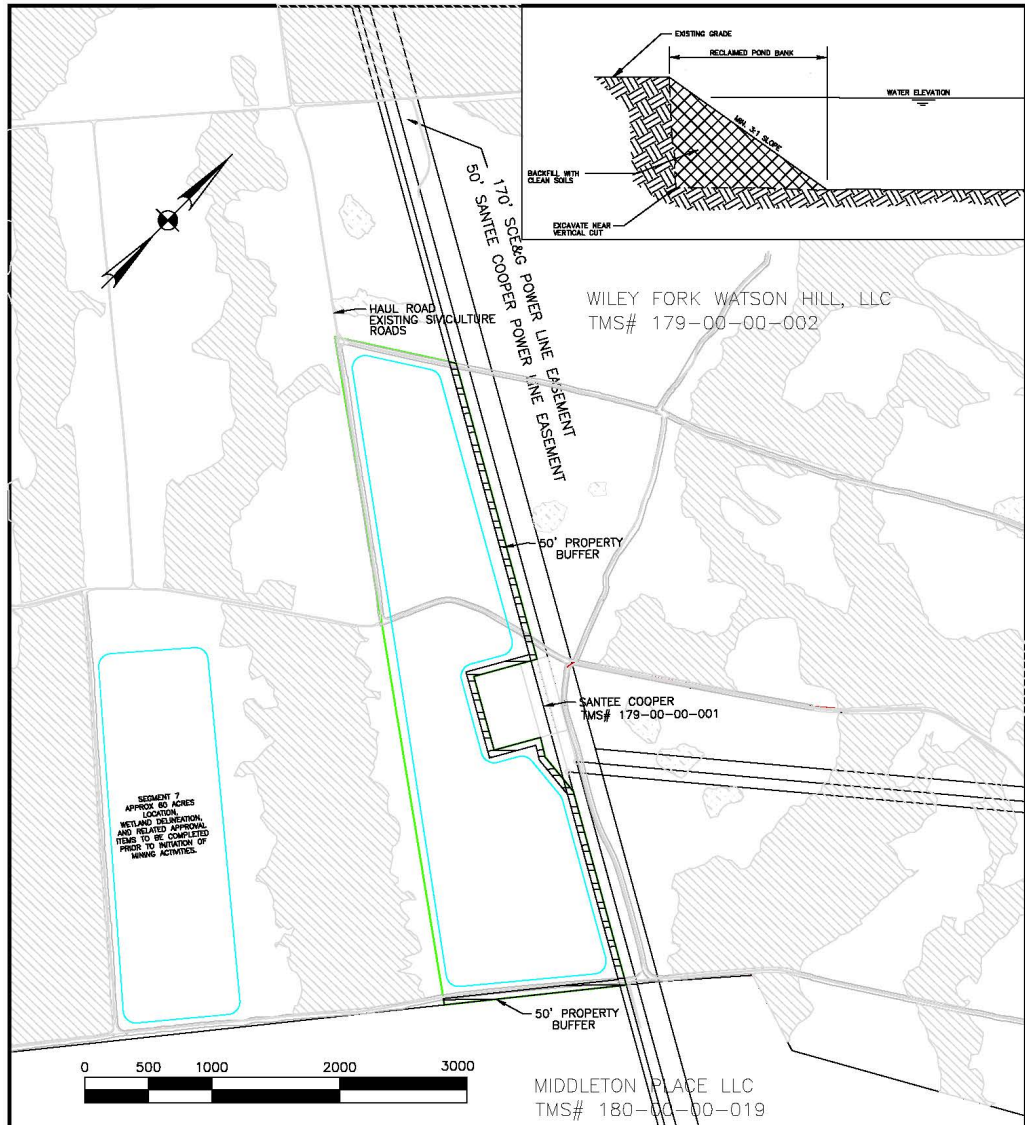
Reclamation

Reclamation is the process of restoring the mined land to a useful purpose to ensure safety and to protect the natural resources of the surrounding area.

Mine operators are required to post and maintain a financial bond to ensure reclamation is completed at the mine

Sassafras Timber, LLC is proposing to reclaim the Sassafras Mine as a series of ponds

- minimum of 4 feet of water over 50% of the surface area
- banks graded to a maximum 3H:1V slope
- permanent vegetation established



RECLAMATION MAP
 PROJECT #: 01-4482 DATE: 07/10/20
 CREATED BY: JRD REVISED: 03/01/21

Sassafras Mine, North Charleston, SC
 Sassafras Timber, LLC
 14120 Ballantyne Corp. Place, Suite 525
 Charlotte, NC 28277

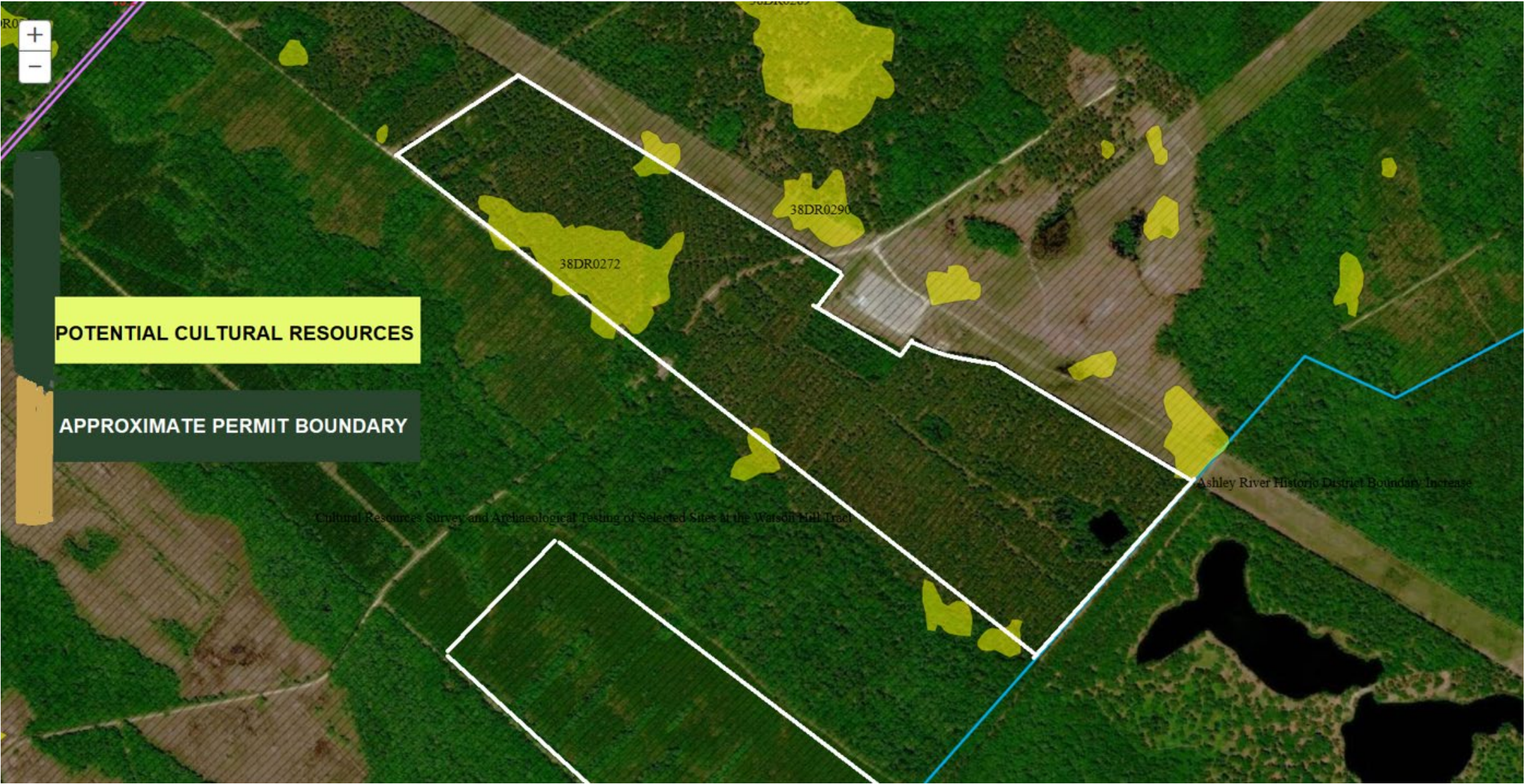


USACE JURISDICTIONAL WETLANDS (J)
 NON-JURISDICTIONAL WETLANDS (NJ)

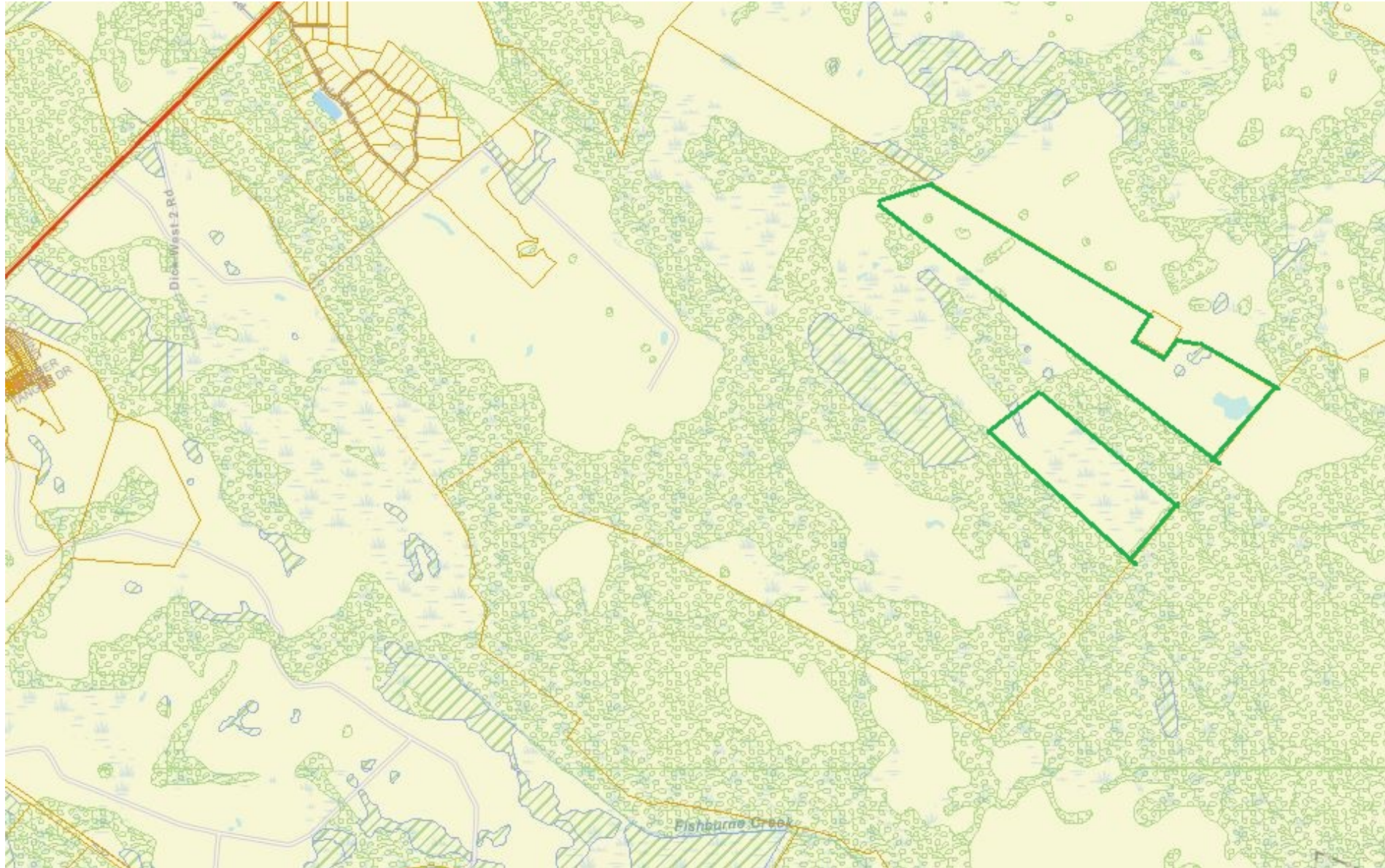
Common Concerns with Mine Operations

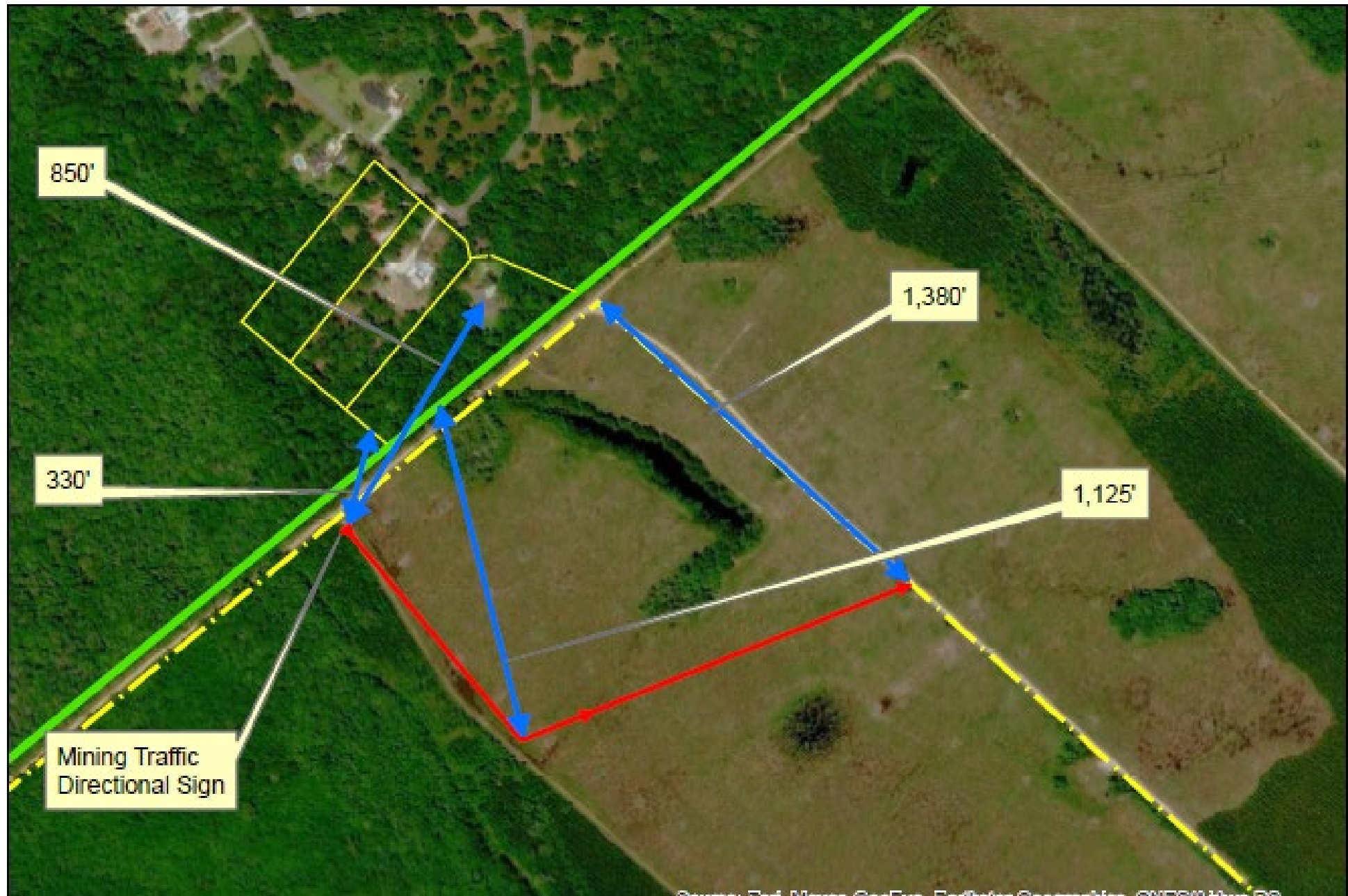
- LOCATION
- TRAFFIC along public roads

Cultural and Historic Resources



National Wetland Inventory





Source: Paul Meyer, Co. Eng., Paul Meyer Group, Inc., 08/28/2014, 11:00 AM

Upcoming Public Hearing

**October 21, 2021
6:30 PM**

- Formal proceeding where public comments are recorded and transcribed by a court reporter. Questions are not addressed by DHEC staff during the public hearing.
- The hearing will be the same virtual format at this meeting with the option to participate by phone.
- Registration requested: www.scdhec.gov/SassafrasMine.

Final Review

**COMMENTS WILL BE ACCEPTED BY DHEC THROUGH
NOVEMBER 5, 2021**

At that time DHEC will:

- assess all comments received
- request any additional information from Sassafras Timber, LLC
- complete technical review of the proposed mine application
- determine if the proposed mine meets the requirements of:
 - Coastal Zone Consistency (CZC)
 - NPDES Discharge Permit
 - the SC Mining Act and regulations

Final Decision

- If the application is found to meet the standards of the CZC and NPDES programs, the Mining program will make a final decision as outlined by the SC Mining Act and regulations.
- All attendees and commentors will be notified of the final decision
- Notification will include:
 - a summary of concerns and how they were addressed
 - information on appealing DHEC's final decision

Final decision date beings 15-day appeal period



Comments

Written comments may be submitted by mail or email through

NOVEMBER 5, 2021

to:

Wendy Hamilton
DHEC/BLWM
2600 Bull Street
Columbia, SC 29201
hamiltws@dhec.sc.gov

Additional information can be found at:

www.scdhec.gov/SassafrasMine



Questions?

Bureau of Land & Waste Management Division of Mining & Solid Waste Management

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