



South Carolina Department of Health and Environmental Control

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# **Adrian Sand/Clay Mine Public Meeting**

May 07, 2024

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# Tonight's Meeting

- Share Information on the proposed Adrian Sand/Clay Mine, DHEC's role and environmental permitting processes.
- Answer your questions
- Convene a formal public hearing to record oral comments
- No decision made tonight
  - Notice of the decision shared with those who signed in tonight

## Public Meeting

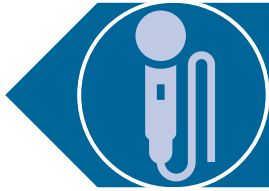
- Presentation & Information sharing
- Opportunity for your questions & facilitated discussions

## Public Hearing

- Formal proceeding
- Oral comments received
- Not interactive
- Time-limited

Written comments may be submitted until Wednesday May 22, 2024

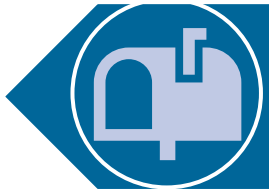
## How to Provide Comments



Recorded comments at  
tonight's public hearing



Email [millske@dhec.sc.gov](mailto:millske@dhec.sc.gov)



**By US Mail: Katelyn Mills**  
DHEC Bureau of Land & Waste Management  
2600 Bull Street  
Columbia, SC 29201



The ePermitting Portal  
"Adrian Sand/Clay Mine"

Written Comments may be submitted until Wednesday May 22,  
2024

# Mining Topics

- Mine Permitting Process
- General Information
- Proposed Permitted Area
- Reclamation
- Addressing Expressed Concerns
- Next Steps

Nov 09,  
2023

- DHEC-Mining and Reclamation Program Receives Application
- Begins Administrative Review

Jan 18,  
2024

- DHEC-MR Publishes Initial Public Notice
- Begins Technical Review

Apr 04,  
2024

- DHEC-MR Publishes Public Hearing Notice

May 07,  
2024

- DHEC holds a Public Meeting and Hearing
- **Comment Period Ends May 22, 2024**
- Technical Review Continues

TBD

- DHEC to Make Mine Permitting Decision
- Summary Response to Comments
- Opportunity to Appeal



## Proposed Site

TMS#: 084-00-02-018  
084-00-02-066

Total Area: 52.3ac

Current Land Use:  
Undeveloped

Owner: Adrian Sand LLC





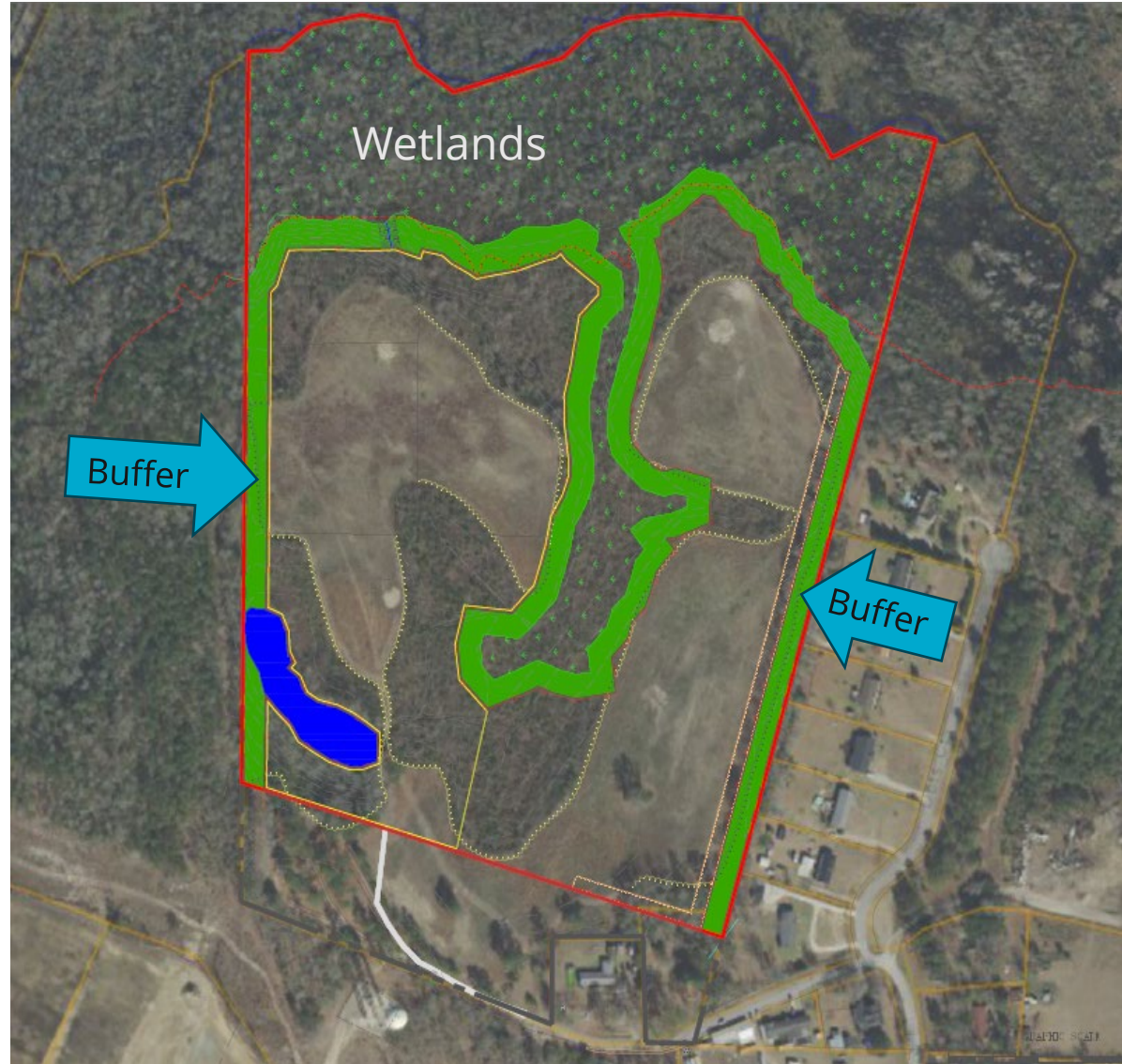
## Proposed Permitted Area

Total Area: 52.3ac

Affected Area: 29.3ac

Buffer: 23.0ac

Buffer Area is defined as setback or areas that will not be disturbed beyond the pre-mine natural state.





# Proposed Permitted Area

Total Area: 52.3ac

Affected Area: 29.3ac

Buffer: 23.0ac

- 5 mining segments
  - Segment 1: 4.6ac
  - Segment 2: 4.6ac
  - Segment 3: 6.2ac
  - Segment 4: 5.2ac
  - Segment 5: 8.2ac
- Maximum Proposed Depth: 30ft.





# Proposed Mining Process

- Installation of Best Management Practices (BMPs)
- Topsoil removed and stockpiled for future reclamation
- Overburden stockpiled and reclaimed as soon as feasible
- Pit developed and dewatered, as needed
- Sand/Clay stockpiled in active segment



Silt fence



Brush Barrier



Stormwater Basin



Water Truck



Check Dams

# Reclamation

**Reclamation** is the planned process for restoring the affected land to a useful purpose while protecting natural resources of the surrounding area.

- Reclamation plan included in application
  - Will be reclaimed to ponds and grasslands
  - Land is sloped and graded during the mining process
  - Stockpiled topsoil used to enhance vegetation
- Reclamation bond is required prior to permit issuance to ensure that reclamation is completed



## Examples of a Reclaimed Sand Mine





# Other DHEC Requirements

- Bureau of Water
  - National Pollution Discharge Elimination System (NPDES) General Permit
  - Stormwater Pollution Prevention Plan (SWPPP)
- Office of Ocean and Coastal Resource Management
  - Coastal Zone Consistency (CZC) Determination

# Agency Notifications

- MSHA – Mine Safety and Health Administration
- USFW – US Fish and Wildlife
- SCDNR – SC Department of Natural Resources
- SHPO – State Historic Preservation Office
- SCDOT – SC Department of Transportation
- Horry County Administration

# Concerns

- Rafinesque' s Big-Eared Bat
- Tricolored Bat
- Spotted Turtles
- Noise
- Dust
- Truck Traffic on Chow Lane

- Biological Evaluation prepared by The Brigman Company
- SC Dept of Natural Resources Recommendations:
  - Avoid tree clearing in wetlands
  - Avoid land disturbance from May 1 – July 31
  - Install silt fencing around pit area with 45° arms
  - Monitor silt fence weekly



**Rafinesque's Big-Eared Bat**  
(*Corynorhinus rafinesquii*)



**Tricolored Bat**  
(*Perimyotis subflavus*)



**Spotted Turtle**  
(*Clemmys guttata*)



# Noise

- Equipment
- Topography
- Buffers/berms
- Noise standards for worker safety

# Dust

- Water Trucks
- Vegetative cover
- Ponds

# Truck Traffic

- Mining Industry vs Hauling Industry
- DHEC can only evaluate physical effects of mining on roads
  - >350' from closest road
- **SC Dept of Transportation:** 4145 Hwy 701N | Conway, SC 29526 | 843-365-2130
- **SC Public Service Commission:** Rob Bockman | 803-896-5142
- **Horry County Department of Public Works:** 4401 Privetts Road | Conway, SC 29526 | 843-915-5410 | [hcg.publicworks@horrycountysc.gov](mailto:hcg.publicworks@horrycountysc.gov)

## Next Steps

- DHEC will review all comments received and conclude the technical review.
- DHEC will make a final permitting decision and provide notification and a written response to all comments to everyone on mailing list.
- Final decision date begins 15-day appeal period.





# How to Comment

Submit comments by mail or email through

**May 22, 2024** to:

Katelyn Mills  
DHEC/BLWM  
2600 Bull Street  
Columbia, SC 29201  
[millske@dhec.sc.gov](mailto:millske@dhec.sc.gov)

Additional information can be found at:

[www.scdhec.gov/AdrianSandClay](http://www.scdhec.gov/AdrianSandClay)

# DHEC Staff

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

Katelyn Mills Project Manager

Jeremy Eddy, PG Program Manager

Marty Lindler Division Director

## **Bureau of Water Industrial Wastewater Permitting Section**

Brett Caswell Environmental Engineer

Crystal Rippey Program Manager

## **Office of Ocean and Coastal Resource Management**

Benjamin Thepaut CZC Project Manager

Christopher Stout Bureau Chief

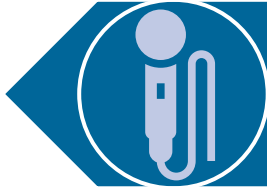
## **Bureau of Environmental Health Services Pee Dee Office**

Matt Maxwell Regional Director

Shawn Williams Program Manager

Caylie Mullen Regional Inspector

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