



Proposed Buist Mine

Mine Operating Permit
Application I-002209

Charleston County

Public Meeting – July 28, 2022



Proposed Buist 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.

Counties with **HIGH IMPACT** from COVID-19

Individuals who live or visit these counties should assess their risk for COVID-19 and take the appropriate prevention steps as recommended by both the CDC and DHEC.

Visit the CDC and DHEC's websites for more information about COVID in your county.



HIGH



Wear a mask indoors in public.



Stay up to date with COVID-19 vaccines.



Get tested if you have symptoms.



Additional precautions may be needed for people at high risk for severe illness.

Option to Call In

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

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

Access Code: **249 081 838#**



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

Agenda

- Gathering Time & Instructions for Participating Remotely
- Introductions & Opening Remarks
- DHEC Presentation
- Closing Remarks
- Meeting Adjourned

Mining Topics

- Mine Permitting Process
- General Information
- Proposed Permitted Area
- Reclamation
- Other DHEC Requirements
- Other Agency Responses
- Addressing Common Concerns
- Next Steps

February 3,
2022

- DHEC-Mining and Reclamation Program receives application
- Begins administrative review

March 10,
2022

- DHEC publishes initial public notice
- Begins technical review

June 27,
2022

- DHEC publishes notice of public meeting/hearing and extended comment period
- **Comment Period Ends August 12, 2022**

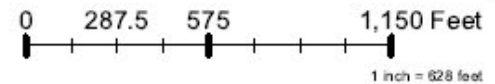
TBD

- DHEC to make mine permitting decision
- DHEC will provide a summary response to comments if a permit is issued



TMS#: 191000056
 Total Area: 74.3 acres
 Owner: Allston Farrell, LLC

ADJACENT LANDOWNERS TO BUIST MINE





Buist Mine
I-002209

Legend

- Buist Mine
- Buist Mine Boundary
- Hollywood Mine (Prior to Buist)

Buist Mine

Highway 162

Salters Hill Road

TMS#: 1910000056
Total Area: 74.3 acres
Owner: Allston Farrell, LLC

Google Earth

1000 ft



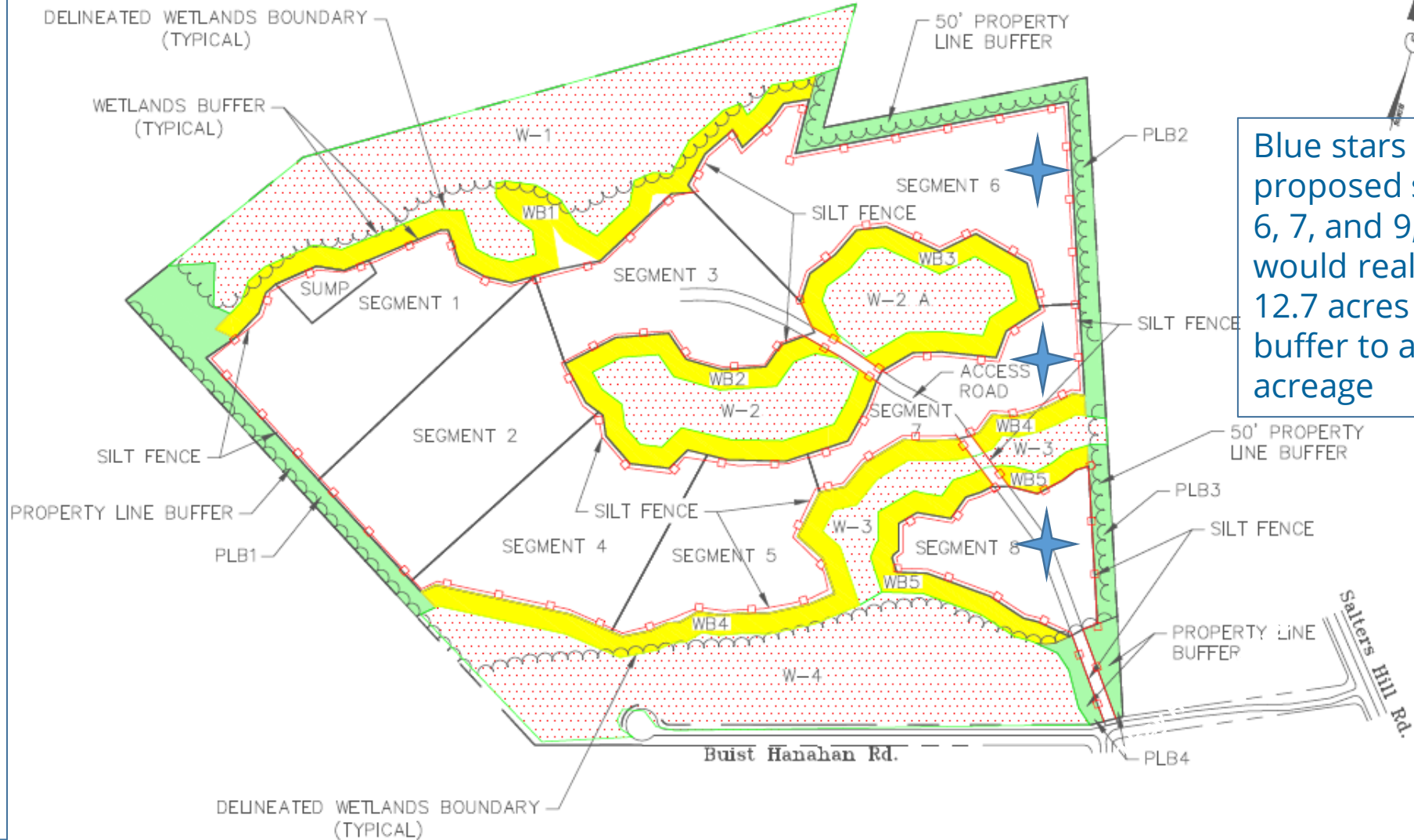
Proposed Permitted Area

Green: 50ft buffer adjacent to property line

Yellow: 50ft buffer adjacent to wetlands

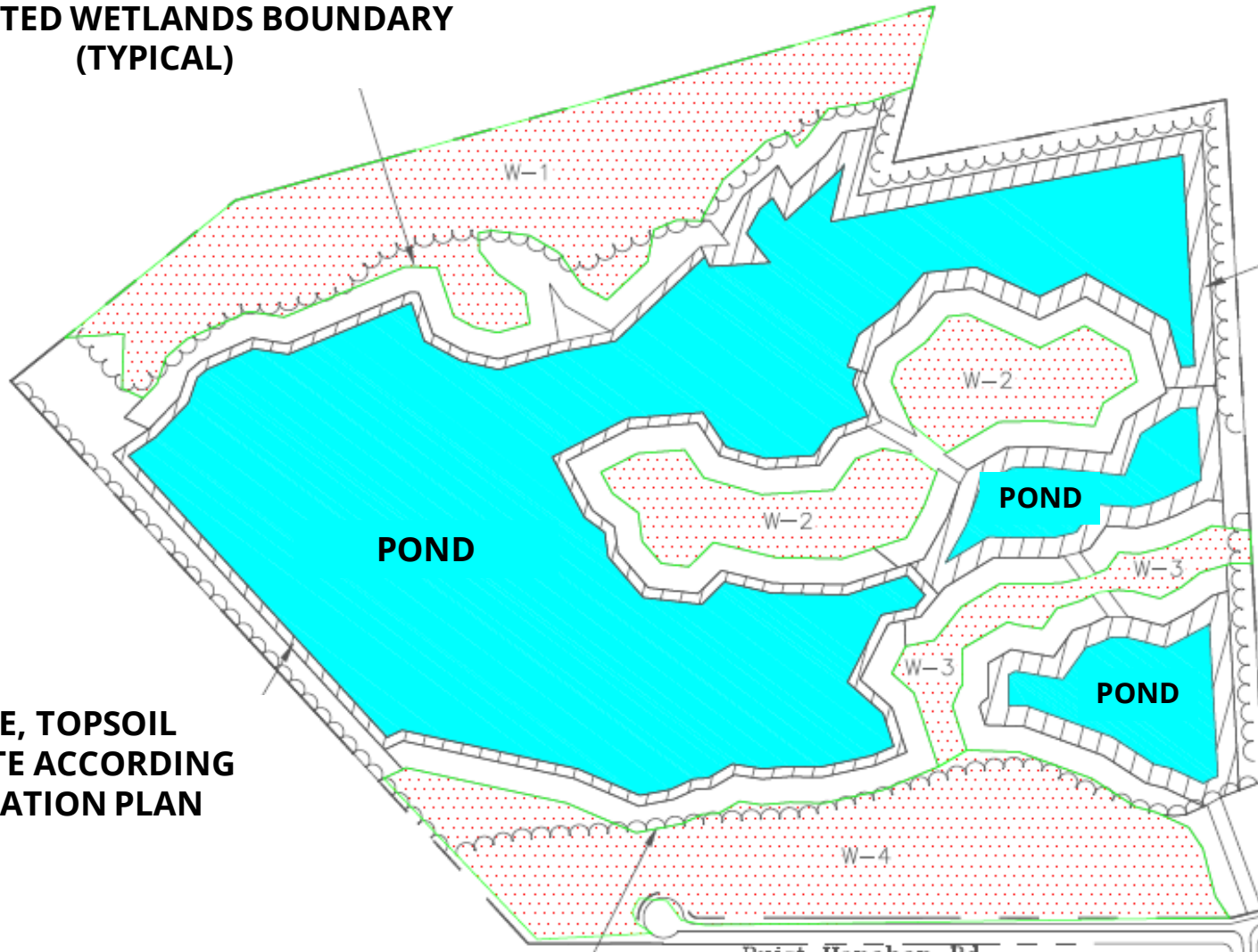
Red: Proposed silt fencing

Buffer is defined as setback or areas that will not be disturbed beyond the natural state. Existing vegetation used to screen the operation from public roads in the area.



Blue stars show proposed segments 6, 7, and 9, which would reallocate 12.7 acres from buffer to affected acreage

**DELINEATED WETLANDS BOUNDARY
(TYPICAL)**



**GRADE 3:1 SLOPE, TOPSOIL AND
REVEGETATE ACCORDING TO THE
RECLAMATION PLAN**

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AND REVEGETATE ACCORDING
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**DELINEATED WETLANDS BOUNDARY
(TYPICAL)**

Proposed Mining Process

- Installation of Best Management Practices (BMPs)
- Clearing of trees and vegetation
- Topsoil removed and stockpiled for future reclamation
- Pit developed and dewatered, as needed
- Sand material loaded and trucked off-site



Silt fence



Brush Barrier



Reclaimed Mine Area



Check Dams



Stormwater Basin



Water Truck

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)
- Ocean and Coastal Resource Management
 - Coastal Zone Consistency (CZC) Certification

Organizations Notified

- SC Department of Natural Resources
- SC Fish and Wildlife Services
- Mine Safety and Health Administration
- SC Department of Transportation
- Gullah/Geechee Nation
- Charleston County Government
- Towns of Hollywood and of Ravenel
- National Marine Fisheries Service
- SC Coastal Conservation League
- SC Environmental Law Project
- SC Department of Archives and History
- SC Wildlife Federation
- US Army Core of Engineers

Common Concerns

- Safety, Dust, and Increased Truck Traffic
- Hydrology and Groundwater Impacts
- Noise Concerns

Truck Traffic Concerns

- DHEC does not regulate truck traffic outside the permit boundary.
 - DHEC can evaluate physical effects of mining, such as blasting or undermining.
- SC DOT, SC Public Service Commission, or Charleston County Department of Public Works have jurisdiction:
 - SC DOT **District 6**
(843) 740-1667
 - SC State Transport Police
(803) 896-5500
 - Charleston County Public Works
(843) 202-7600

Common Concerns

- Safety, Dust, and Increased Truck Traffic
- Hydrology and Groundwater Impacts
- Noise Concerns

Hydrology and Groundwater Impacts

Maximum Depth: ~20ft.

Primary Dewatering Layer:
Sand/Clay

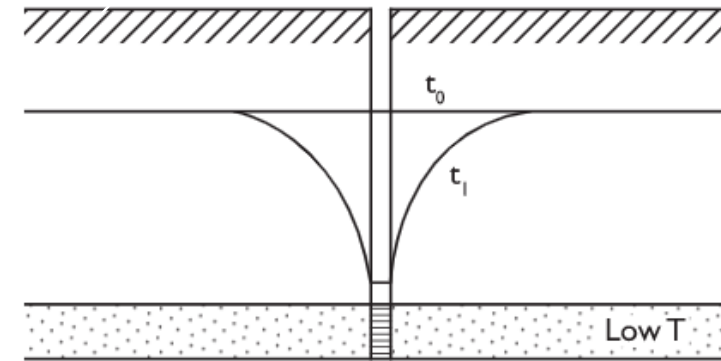


Diagram A

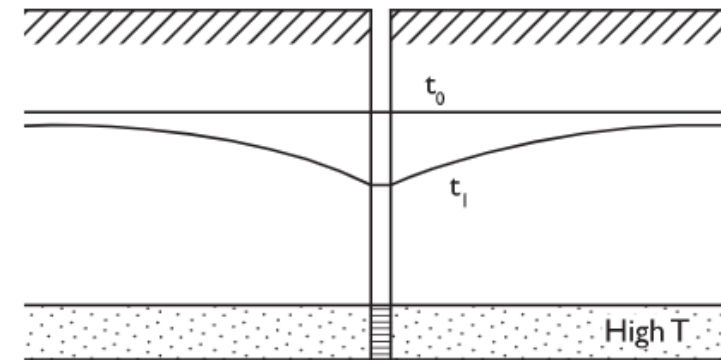
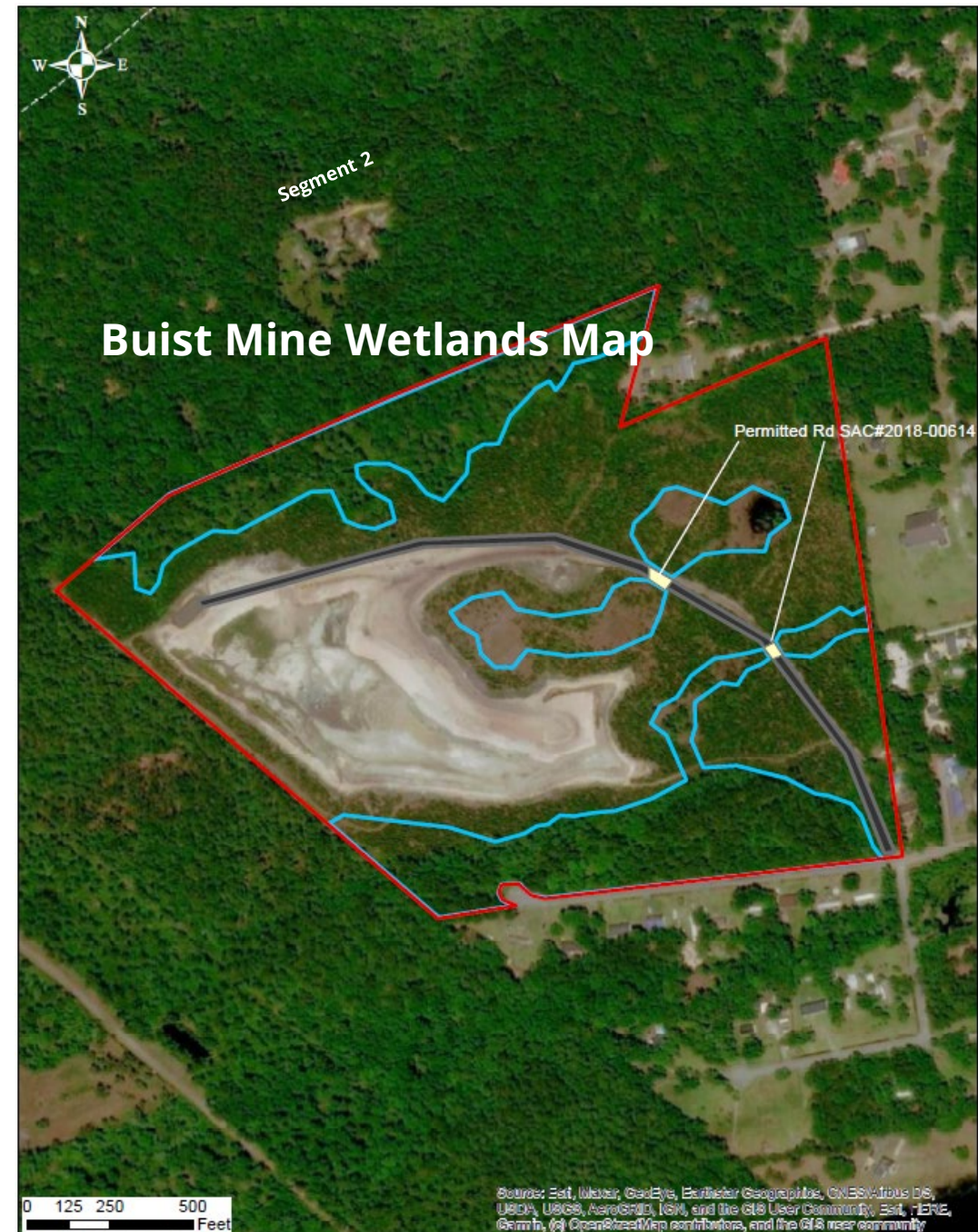


Diagram B

Hydrology and Groundwater Impacts (Cont.)

- BMPs for sediment and erosion control will prevent additional contribution of sediment to streams, lakes, ponds or land outside the permit area.
- Sediment Control Ponds, along with other BMPs like silt fencing, buffers, and vegetation are designed to ensure water quality standards are met.
- NPDES permit and a CZC Certification must be obtained.



Common Concerns

- Safety, Dust, and Increased Truck Traffic
- Hydrology and Groundwater Impacts
- **Noise Concerns**

Next Steps

- DHEC will review all comments received (**comment period closes August 12, 2022**) and conclude the technical review.
- DHEC will make a final permitting decision and provide written notification to everyone on mailing list. A written response to all comments will also be provided if a permit is issued.
- Final decision date begins 15-day appeal period.

How to Comment

Submit comments via our webpage, by mail, or by email through

August 12, 2022 to:

William Meservy
DHEC/BLWM
2600 Bull Street
Columbia, SC 29201
meservwn@dhec.sc.gov

Additional information can be found at:

www.scdhec.gov/BuistMine

DHEC Staff

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

Marty Lindler, Director | (803) 898-0456

Jeremy Eddy, Section Manager | (803) 898-7609

William Meservy, Project Manager | (803) 898-1369

**Ocean and Coastal Resource Management
Coastal Zone Consistency**

Benjamin Thepaut, Project Manager | (843) 953-0205

**Bureau of Water
Industrial Wastewater Permitting Section**

Brett Caswell, Environmental Engineer | (803) 898-4396

**Bureau of Environmental Health Services
Charleston Office**

Wendy Boswell, Area Director | (843) 953-0150

How to Participate

To indicate you would like to speak:

- Unmute your line
- Click the 'Hand Raise' icon



Hand Raise
(click this icon to
indicate you would like
to speak)



Muted
(no one in the meeting
can hear you)



Unmuted
(everyone in the
meeting can hear you)



If you have called into
the meeting, press *6
to unmute



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Buist Mine Modification Proposal

- Allston Farrell, LLC proposes to modify the Buist Mine by reallocating 12.7 acres of permitted buffer to affected acreage
- Mine site is located 1.5 northeast of the town of Hollywood
- Mine would be reclaimed as ponds and grassland
- No other changes proposed at this time

Acre type	Current permitted acreage	Proposed acreage	Land change (+/-)
Affected acres	23.2	35.9	+12.7
Buffered acres	51.5	38.4	-12.7
Total acres	74.3	74.3	0

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