

DON'T WAIT UNTIL IT'S TOO LATE.

Vaccination is the best way
to protect you, your family
and your community.



COVID-19 Vaccine Information Line
1-866-365-8110

www.scdhec.gov/vaxfacts

Proposed Fairfield I-77 Quarry **PUBLIC HEARING**



To avoid echoing or feedback, all lines are muted.



At the end of the presentation, we will unmute and call upon those who would like 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 hearing by phone:

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

Access Code: **797 149 320#**



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



Proposed Fairfield I-77 Quarry

Mine Operating Permit
Application I-002329

Fairfield County

PUBLIC HEARING



Agenda

- Gathering Time & Instructions for Participating
- Opening Remarks
- Statements on Mine Permit Application and Draft Air Permit
- Public Comments
- Closing Remarks
- Hearing Adjourned

Mining Topics

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

March 16,
2021

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

April 15,
2021

- DHEC-MR Publishes Initial Public Notice
- Begins Technical Review
- DHEC-MR Acknowledges Public Hearing Request (May 12, 2021)

July 22,
2021

- DHEC holds a Public Meeting
- Technical Review Continues

August 05,
2021

- DHEC holds a Public Hearing
- **Comment Period Ends August 20, 2021**
- Technical Review Continues

TBD

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

Proposed Site

TMS# 166-00-00-018

166-00-00-028

166-00-00-030

Total Area: 416.8ac

Land Use: Undeveloped

Owner: Luck Stone Corporation
(under purchase agreement)



Proposed Permitted Area

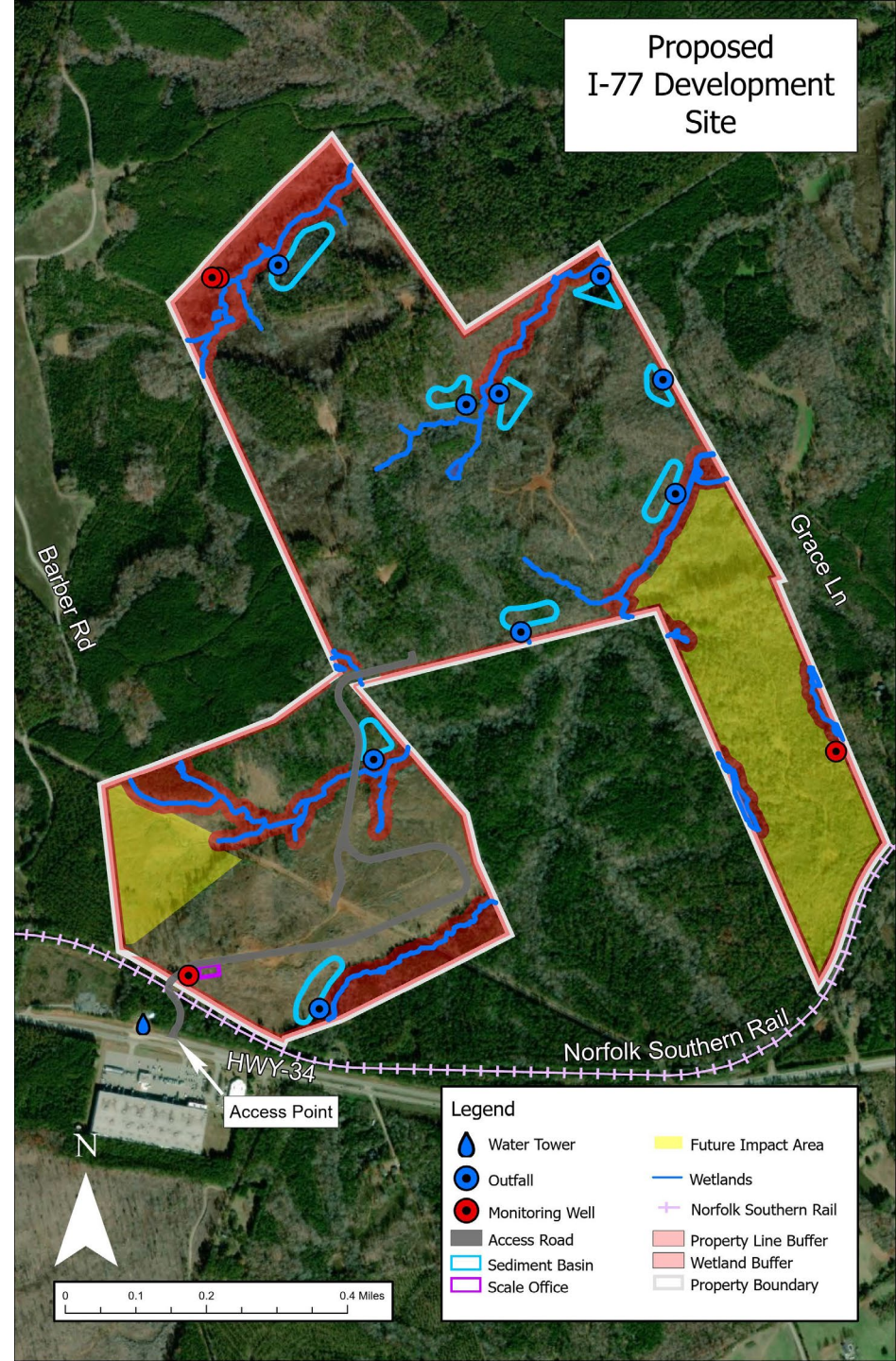
Total Area: 416.8ac

Affected Area: 259.5ac

Buffer: 74.9ac

Future Reserves: 77.9ac

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

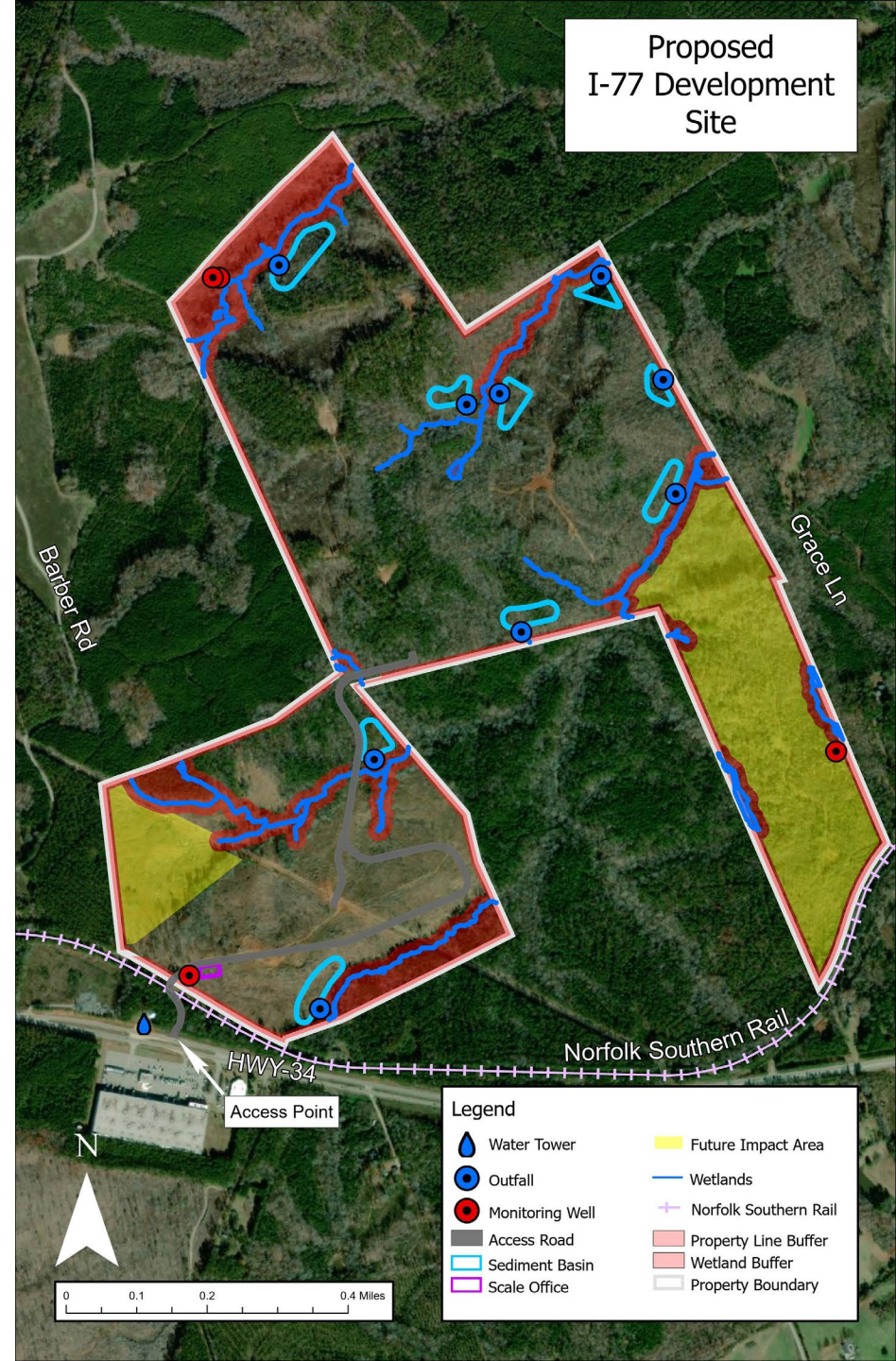


Proposed Permitted Area

Total Area: 416.8ac
Affected Area: 259.5ac
Buffer: 74.9ac
Future Reserves: 77.9ac

Prior to the initiation of activity in future reserves, the operator shall:

- submit detailed mine and reclamation plans to DHEC for approval
- Receive approval from USACE to disturb wetlands or stream channels
- Adjust reclamation costs to cover proposed activities



Proposed Permitted Area

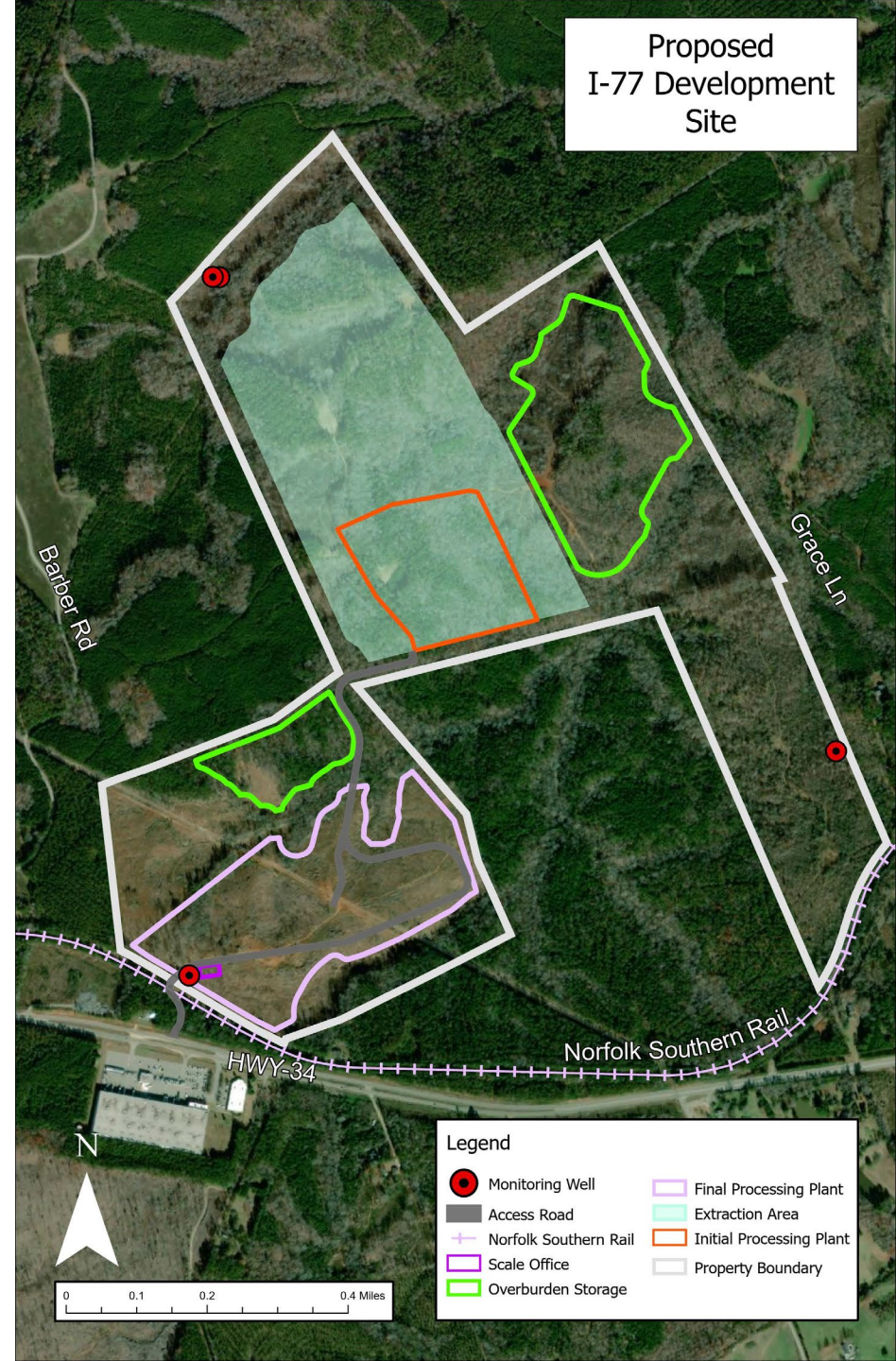
Total Area: 416.8ac

Affected Area: 259.5ac

Buffer: 74.9ac

Future Reserves: 77.9ac

- Green - Overburden Stockpile Area
- Teal - Pit Area
- Orange – Initial Plant Area
- Purple - Office, Scale House, Maintenance Area, Haul Road, and Final Plant Area



Proposed Mining Process

- Installation of BMPs
- Clearing of trees and vegetation
- Topsoil removed and stockpiled for future reclamation
- Overburden stockpiled and reclaimed as soon as feasible
- Pit developed and dewatered, as needed
- Granite processed and stockpiled in plant area



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

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.



South Carolina Department of Health and Environmental Control

Draft Synthetic Minor Air Construction Permit

Bureau of Air Quality

Project Overview

- Air Construction Permit
 - Required due to the amount of varying-sized particulate matter ("PM", "PM₁₀", "PM_{2.5}")
 - "Synthetic Minor" construction permit restricts facility to less than "major" thresholds
- 550 tons per hour Stone Processing
 - Process Equipment (crushers, screeners, conveyors)
 - Plant/Customer Hauls Roads
 - Storage Piles

Air Construction Permit

- Includes:
 - Applicable State/Federal Regulations that were established to be protective of the environment and public health, including the health of sensitive populations such as asthmatics, children, and the elderly
 - Opacity limitations
 - Recordkeeping, reporting and/or testing requirements that demonstrate compliance

Air Quality Analysis

Air Pollutant	Max Predicted Concentration ($\mu\text{g}/\text{m}^3$)	Background Concentration ($\mu\text{g}/\text{m}^3$)	Total Concentration ($\mu\text{g}/\text{m}^3$)	State/Fed. Standard ($\mu\text{g}/\text{m}^3$)	Meets Standard?
PM ₁₀ 24-hr	53.8	34	88	150	Yes

- The background concentration of the location is 34 $\mu\text{g}/\text{m}^3$
- The predicted facility concentration is 53.8 $\mu\text{g}/\text{m}^3$
- Combined, the total concentration will be 88 $\mu\text{g}/\text{m}^3$ and remains below the National Ambient Air Quality Standard (~59% of standard)

Onsite Dust Control

- Dust control plan to be reviewed prior to operation
 - Addresses water trucks, truck traffic, storage piles, and process equipment
 - Crusher/screeners/conveyors equipped with wet suppression spray nozzles
 - Onsite truck traffic dust is controlled by the use of water trucks

How to Comment

Submit comments by mail or email through

August 20, 2021 to:

Jeremy Eddy
DHEC/BLWM
2600 Bull Street
Columbia, SC 29201
eddyje@dhec.sc.gov

Additional information can be found at:

www.scdhec.gov/LuckStoneFairfield

How to Comment

To indicate you would like to comment:

- 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

Questions?

Jeremy Eddy

Division of Mining and Solid Waste
Bureau of Land and Waste Management
803-898-7609

Lance Davis

Air Permitting Division
Bureau of Air Quality
803-898-7220