

Haile Gold Mine **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 signed up to speak.
- ✓ This virtual hearing will be recorded and posted on our webpage.

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South Carolina Department of Health and Environmental Control

FIND A **COVID-19** TESTING LOCATION.

scdhec.gov/COVID19testing

General COVID-19 Information Hotline
1-855-472-3432

www.scdhec.gov/COVID19

**DO IT FOR ALL
WE'VE MISSED AND
ALL WE'VE LOST.**

Safe, effective vaccines, social distancing and mask-wearing are how we win the fight against COVID-19.

THE COVID-19 **VACCINE**

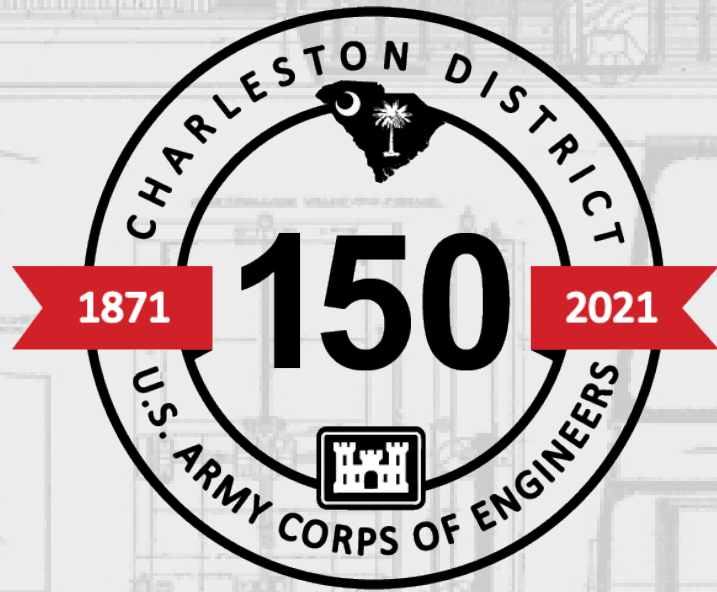


COVID-19 Vaccine Information Line
1-866-365-8110

www.scdhec.gov/vaxfacts

Public Hearing Agenda

Gathering Time & Instructions for Participating Remotely	Tech Host
Introductions & Opening Remarks	Hearing Officer
USACE Presentation	Shawn Boone
DHEC Presentation	Jeremy Eddy
Public Comments	
Closing Remarks	Hearing Officer
Hearing Adjourned	



Haile Gold Mine Draft Supplemental Environmental Impact Statement (SAC-1992-24122)

**Celebrating 150 Years of
Serving South Carolina
and the Nation**

www.sac.usace.army.mil/150

Working Today to Build a Better Tomorrow

**Shawn Boone
Project Manager
Regulatory Division
April 1, 2021**



**US Army Corps
of Engineers®**



HAILE GOLD MINE PERMIT HISTORY AND STATUS

- The Corps' authority to regulate the Haile Gold Mine stems from the Clean Water Act
- The National Environmental Policy Act (NEPA) requires a federal action that has the potential to have a significant effect on the environment be analyzed in an Environmental Impact Statement (EIS)
- A Final EIS for the Haile Gold Mine was published in 2014
- A Department of the Army (DA) permit was also issued with special conditions in 2014
- The Haile Gold Mine has requested a major modification to their DA permit
- The major modification request requires the EIS be revisited to analyze the effects of the expanded project. Haile Gold Mine requested that the Corps begin analyzing the potential impacts from the proposed project in 2018.
- The Supplemental Environmental Impact Statement (SEIS) is the subject of this current comment period
- The comment period for the SEIS ends on April 23, 2021
- You can find and comment on the SEIS at <http://hailegoldmineseis.com/>



CONTACT INFORMATION FOR COMMENTS



<http://hailegoldmineseis.com/>

Shawn Boone, Project Manager
U.S. Army Corps of Engineers, Charleston District
69-A Hagood Avenue
Charleston, South Carolina 29403

Email: Shawn.A.Boone@usace.army.mil

Comment period for the SEIS ends on April 23, 2021



Haile Gold Mine

Mine Operating Permit
Application I-000601

Lancaster County

PUBLIC HEARING



Mine Operating Permit Modification 19-2 (June 2019 – Present)

- Cover Letter
- MR-1300
- Appendix A – Modification Details
- Alternatives Analysis
- Monitoring and Management Plan
- Emergency Management Control Plan
- Health, Safety, and Environment Compliance Standards Manual
- Site Wide Water Balance Report
- Reclamation Plan

For additional details see:
Appendix A: Modification Details p.## to ##

Supplemental Environmental Impact Statement



Haile Gold Mine

Mod 19-2

- Expanding permit boundary
- Expanding pit areas
- Perform underground operations
- Optimize mill operations
- Increase Tailings Storage Facility
- Increase PAG Storage
- Increase Overburden Storage Areas
- Expand Contact Water Treatment Plant

Expand Site Boundaries

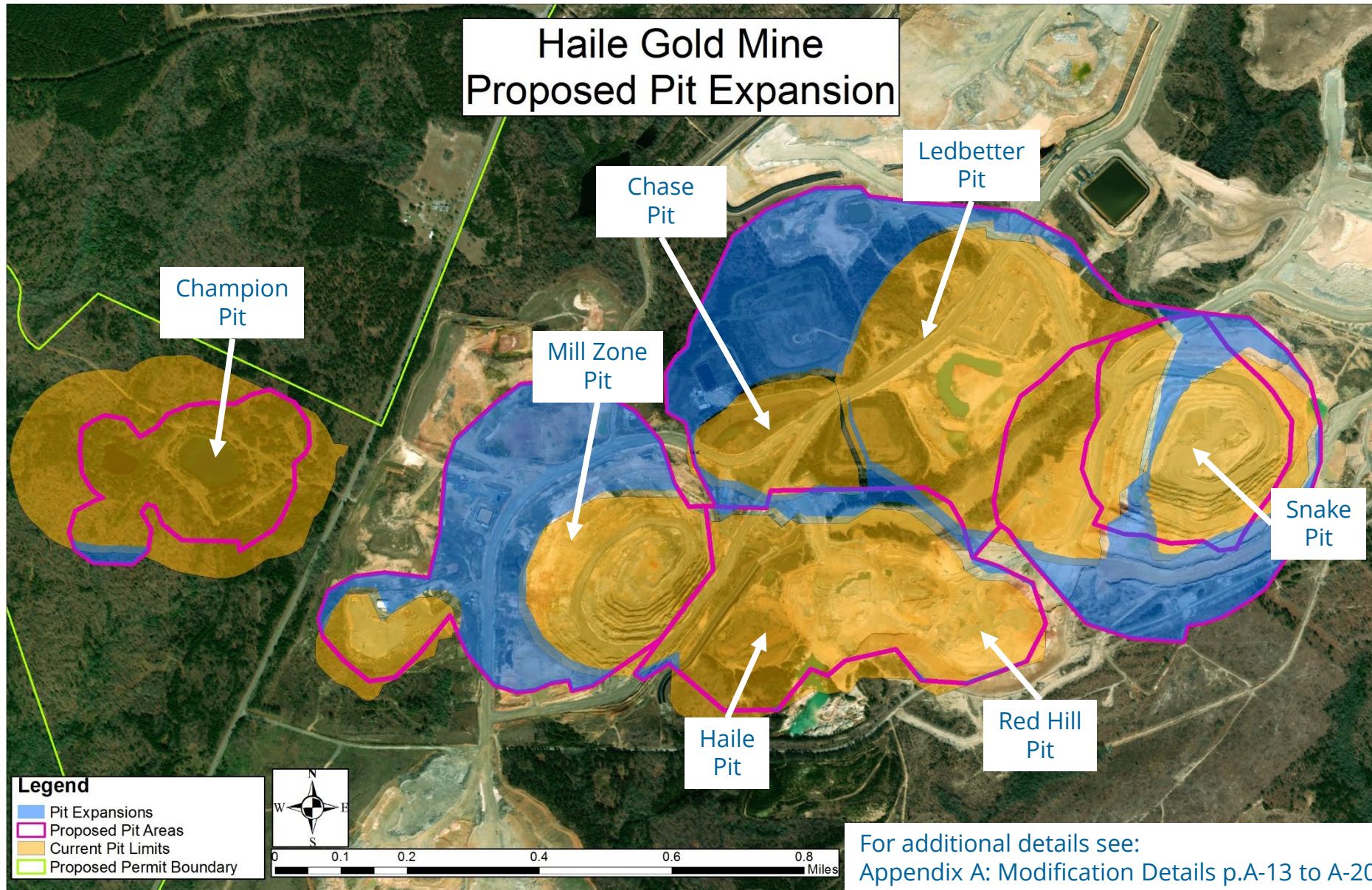


Proposes to add ~832ac to the permit

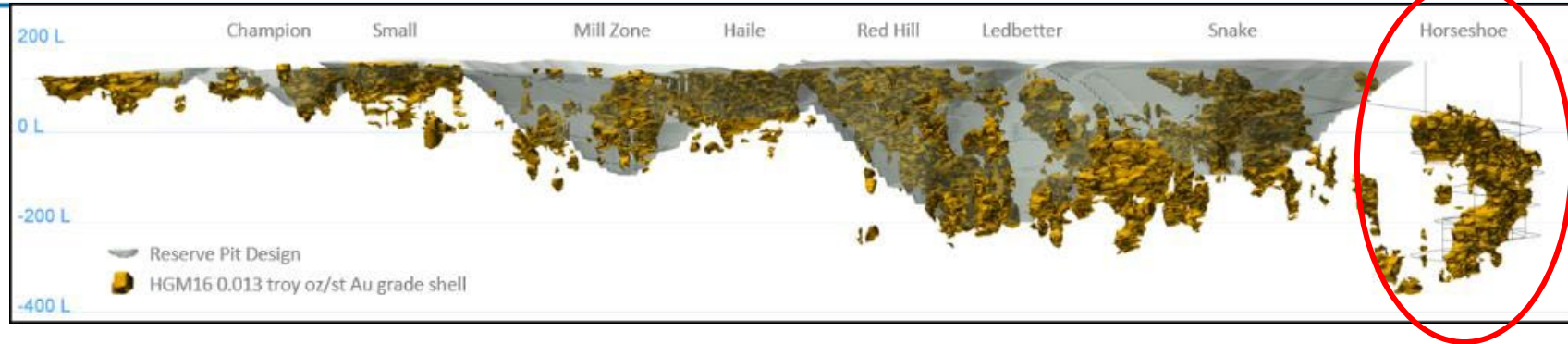
	Current Acreage	Change	Proposed Acreage
Total	4,540.2ac	+832.0ac	5,372.2ac
Affected	2,952.6ac	+1,107.4ac	4,060.0ac
Buffer	1,587.6ac	-275.4ac	1,312.2ac

For additional details see:
Appendix A: Modification Details p.A-1 to A-4

Expand Pit Boundaries



Underground Mining



First underground operations permitted in S.C.

Portal entrance at +477ft mean sea level

Bottom of excavation at -774ft msl

1,314ft below ground surface

Will remain completely within the permit boundary

Will be backfilled with cemented rock fill; will not leave a hole



Optimize Mill Operations

Proposing to increase operations by installing additional equipment

Capacity will increase from 3.3 million tons per year to 5.1 million tons per year



ISA Mill



Pebble Crusher



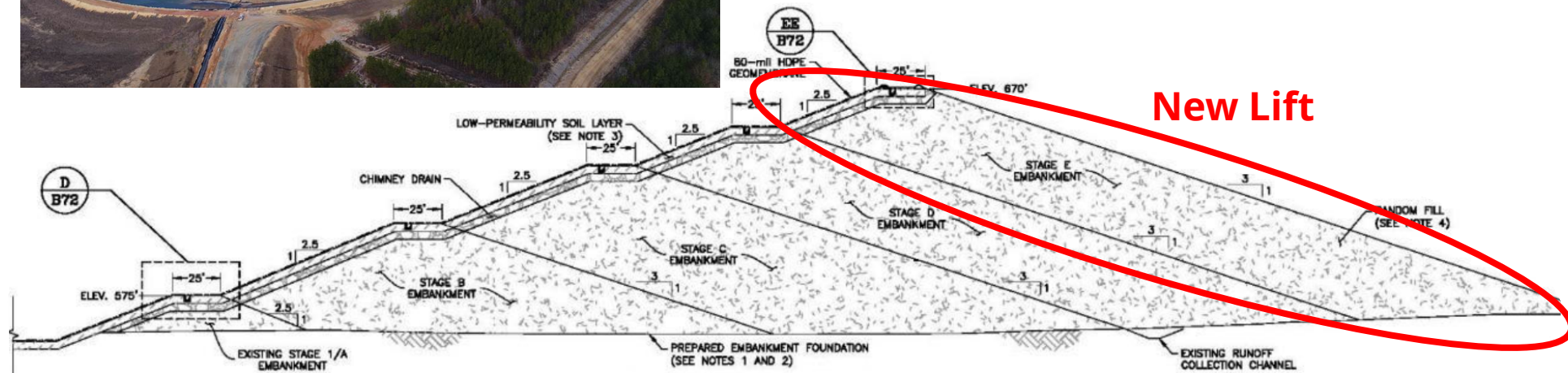
Tower Mill

Increase Tailing Storage

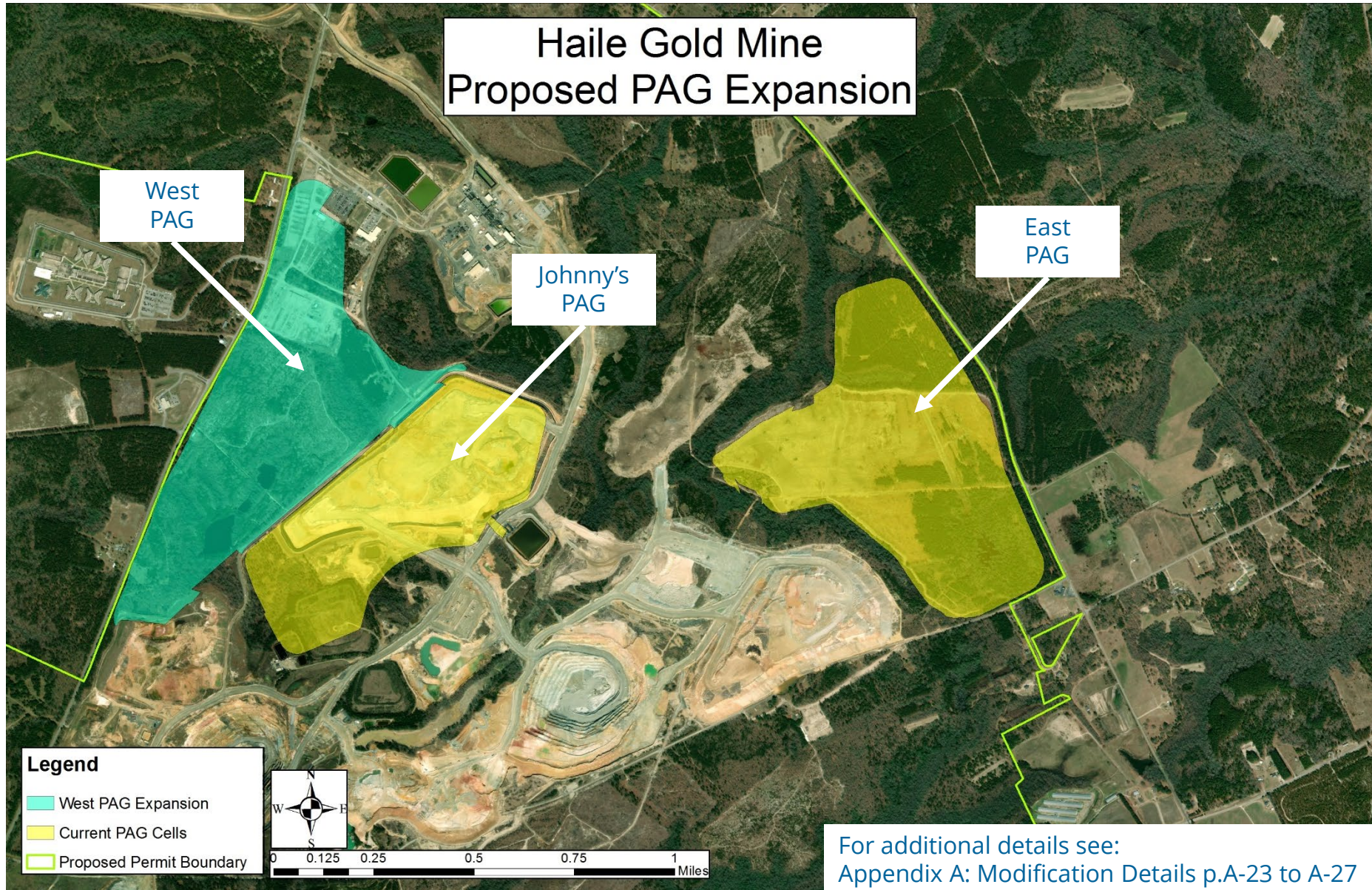
	Currently Permitted	Proposing
Lifts	4	5
Max Height	630ft msl	670ft msl
Total Storage	40 million tons	72 million tons



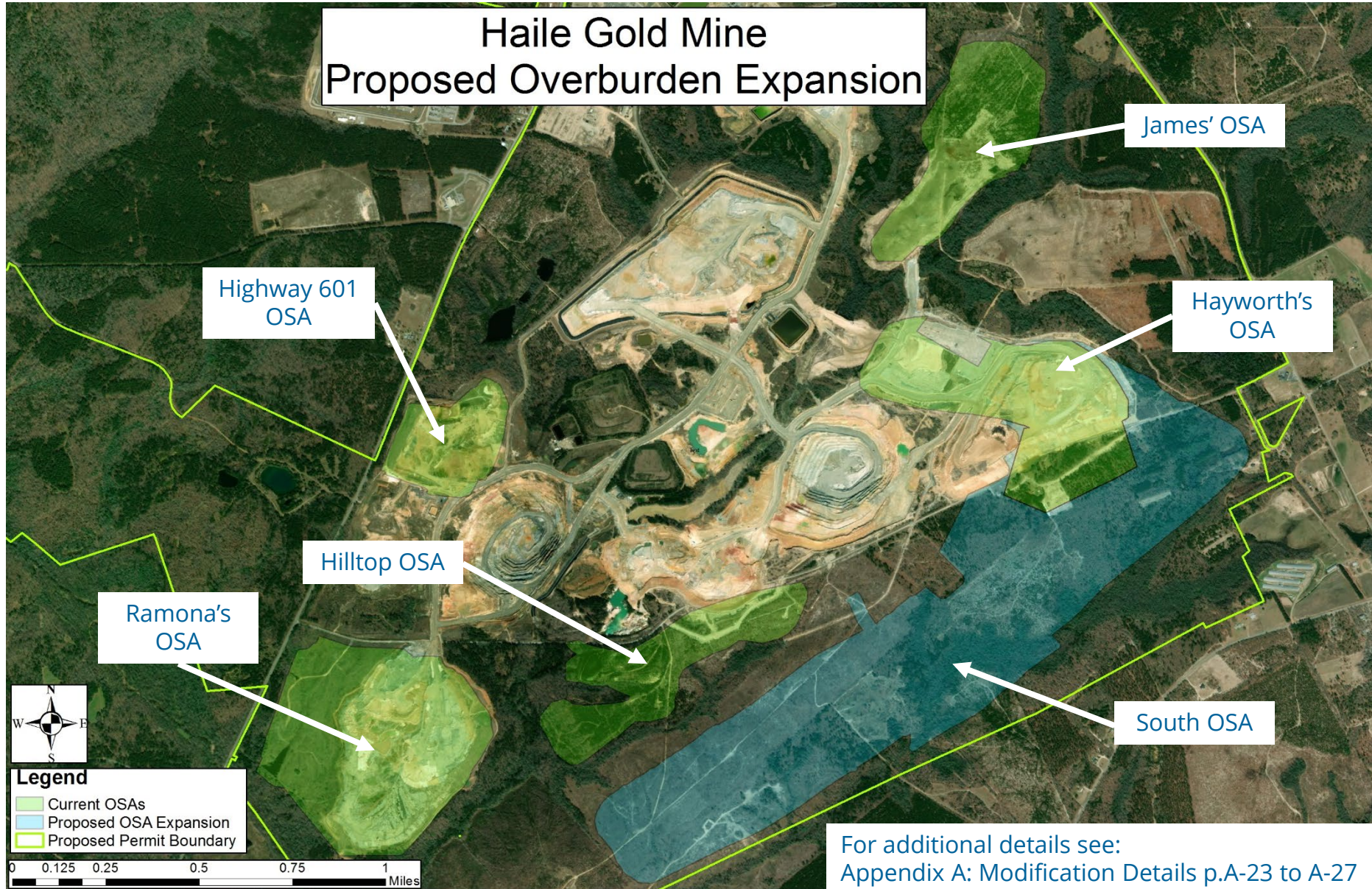
For additional details see:
Appendix A: Modification Details p.A-68 to A-75



Increase PAG Storage Area



Increase Overburden Storage Area



Expand Contact Water Treatment Plant

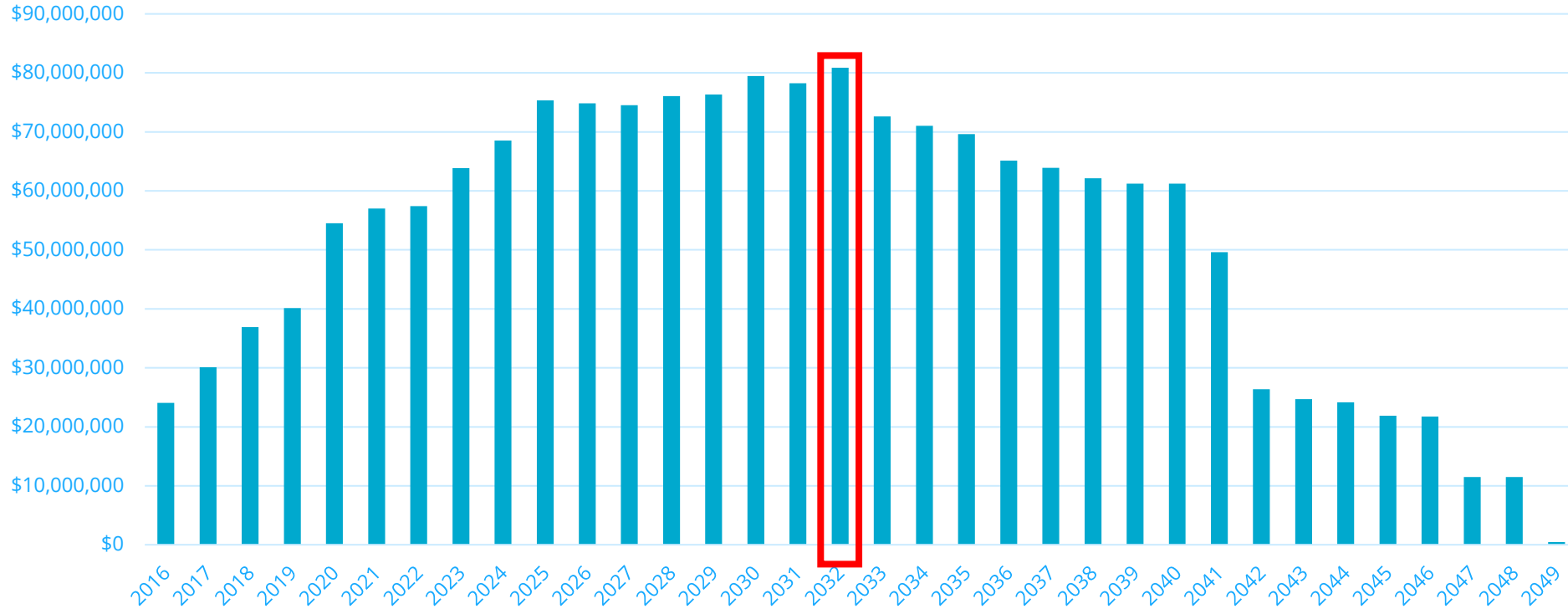


For additional details see:
Appendix A: Modification Details p.A-81 to A-84



Financial Assurance for Reclamation

Proposed Financial Assurance for Reclamation
(plus \$10,000,000 Trust)



- \$67,653,900 → \$80,891,000

- Concurrent Reclamation

For additional details see:
Reclamation Plan – Appendix D

- \$10,000,000 Trust unchanged

How to Participate



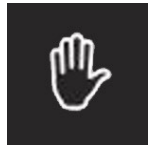
Unmute to indicate you would like to speak



Unmuted lines will be called on to speak



Click the Hand Raise icon to be called on to speak



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



Muted
(no one in the meeting
can hear you)



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(everyone in the
meeting can hear you)



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To submit comments on the mine permit applications, contact:

Jeremy Eddy, Project Manager
DHEC – Bureau of Land and Waste Management
2600 Bull Street
Columbia, SC 29201
eddyje@dhec.sc.gov

<http://scdhec.gov/HaileMine>



To submit comments on the draft SEIS and the modification of the Department of the Army Permit, contact:

Shawn Boone, Project Manager
U.S. Army Corps of Engineers, Charleston District
69-A Hagood Avenue
Charleston, South Carolina 29403
Shawn.A.Boone@usace.army.mil

<http://hailegoldmineseis.com/>

Comments will be accepted through April 23, 2021