



South Carolina Department of Health and Environmental Control

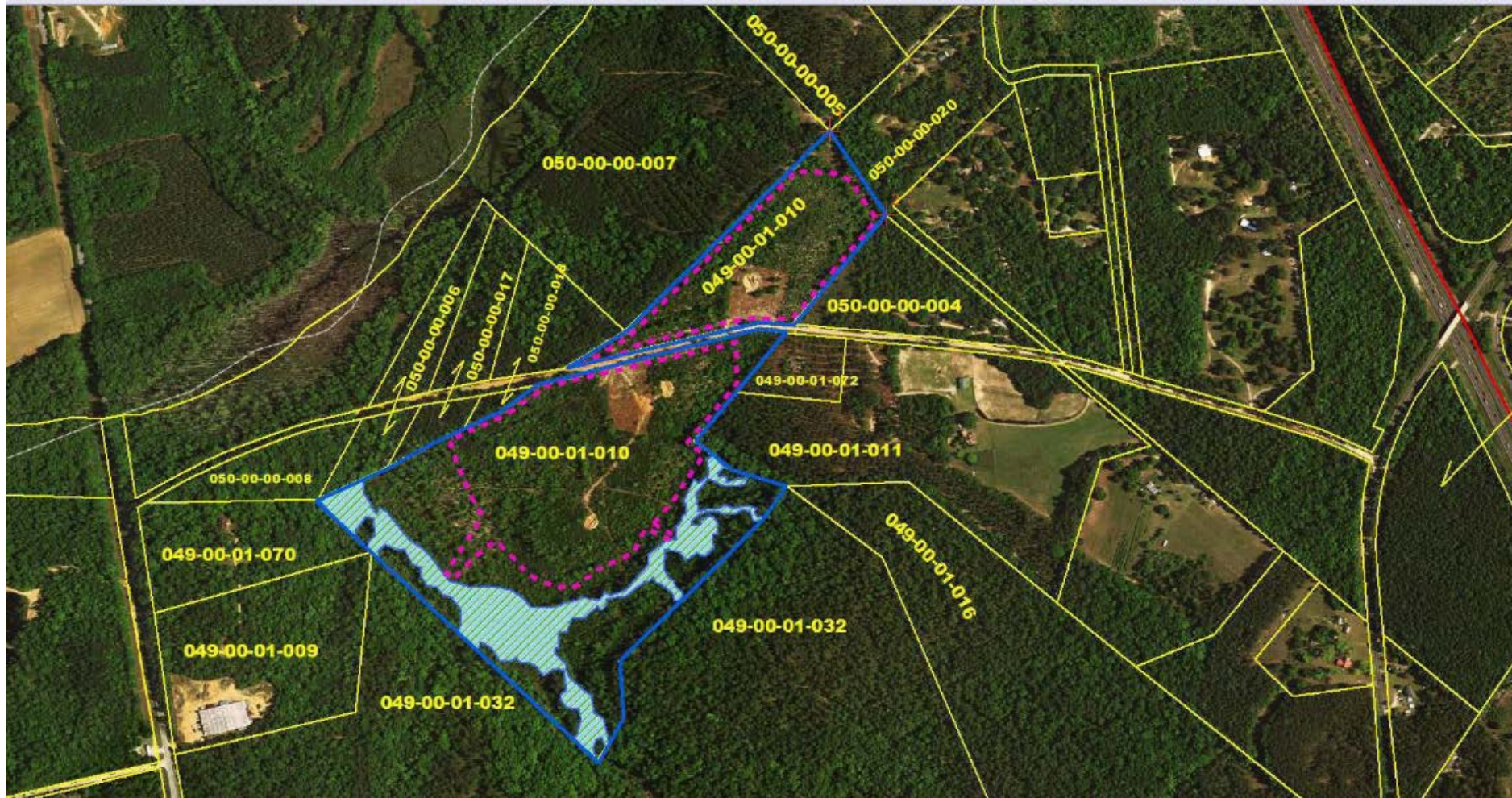
Culclasure Farm Tract, LLC

Mine Operating Permit Application for the
Proposed Culclasure Farm Mine

Topography- Approximate Elevation Range of +340' to +170' MSL



Wetlands and Limit of Disturbance



Permitted Area Details

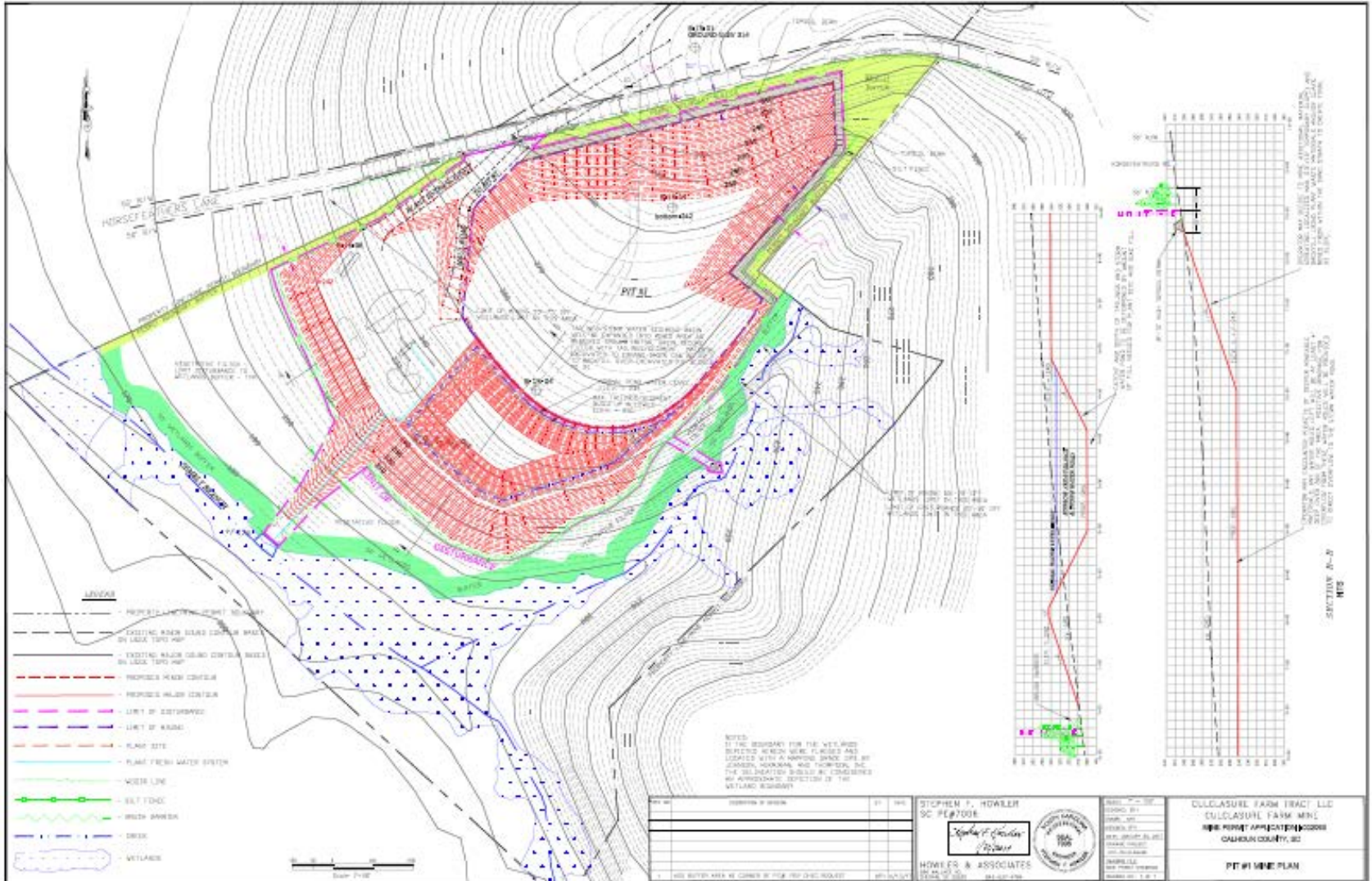
- **40.3 acres of affected area to include:**

	<u>Pit #1</u>	<u>Pit #2</u>
• 20.3 acres of pit area	11.3	9.0
• 5.7 acres of plant area	5.7	
• 5.6 acres of sediment basins	5.6	
• 0.4 acre of haul road		0.4
• 2.5 acres of topsoil berm	0.7	1.8
• 5.8 acres of vegetative filters	5.8	

- **27.7 acres of buffer**

- **68.0 acres of total permitted area**

Pit # 1 Mine Plan - maximum depth of 44' (to +242' MSL)



Pit #2 Mine Plan – maximum depth of 60' (to +257' MSL)



SHEET NO. _____ DATE OF REVISION _____ NO. OF SHEETS _____	PREPARED BY STEPHEN F. HOWLER SC PE#7006 HOWLER & ASSOCIATES 1000 W. 10th St. Columbia, SC 29201-1000	TITLE CULLASURE FARM TRACT LLC CULLASURE FARM MINE MINE PERMIT APPLICATION#02000 CALHOUN COUNTY, SC PIT #2 MINE PLAN TO ELEV. = 257 (FINAL)
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Mining Process

- Clearing vegetation
- Topsoil removed and stockpiled into berms around the pit perimeter
- Exposed sand and gravel mined by front-end loader and excavator, loaded onto haul trucks and transported to processing plant
- Processing at a screen plant to wash sand and stockpile for sale to customers
- Proposed depth:
 - Pit #1: 44 ft below ground surface (+242 ft mean sea level)
 - Pit #2: 60 ft below ground surface (+257 ft mean sea level)
- Life of Mine Operation- Estimated 10 yrs

Reclamation

“Reclamation” means the reasonable rehabilitation of the affected land for useful purposes and the protection of the natural resources of the surrounding area.

- Processing plant removed
- Final slopes no steeper than 3:1 horizontal to vertical
- Stockpiled topsoil utilized in reclamation to enhance vegetation
- Mine site reclaimed to grasslands and ponds

Permitting Process

- Technical review phase
- All comments considered and if necessary, additional information requested from applicant
- A draft permit will be placed on Public Notice
- A formal public hearing will be held, a **30-day** notice will be provided prior to the public hearing
- Comments will be accepted up to **10 days** after the public hearing
- Final permit decision will be sent to all interested persons with a summary response to comments



Contact Information

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