



South Carolina Department of Health and Environmental Control

Luck Stone, LLC

Mine Operating Permit Application for the
Proposed Chester Quarry



Contact Information

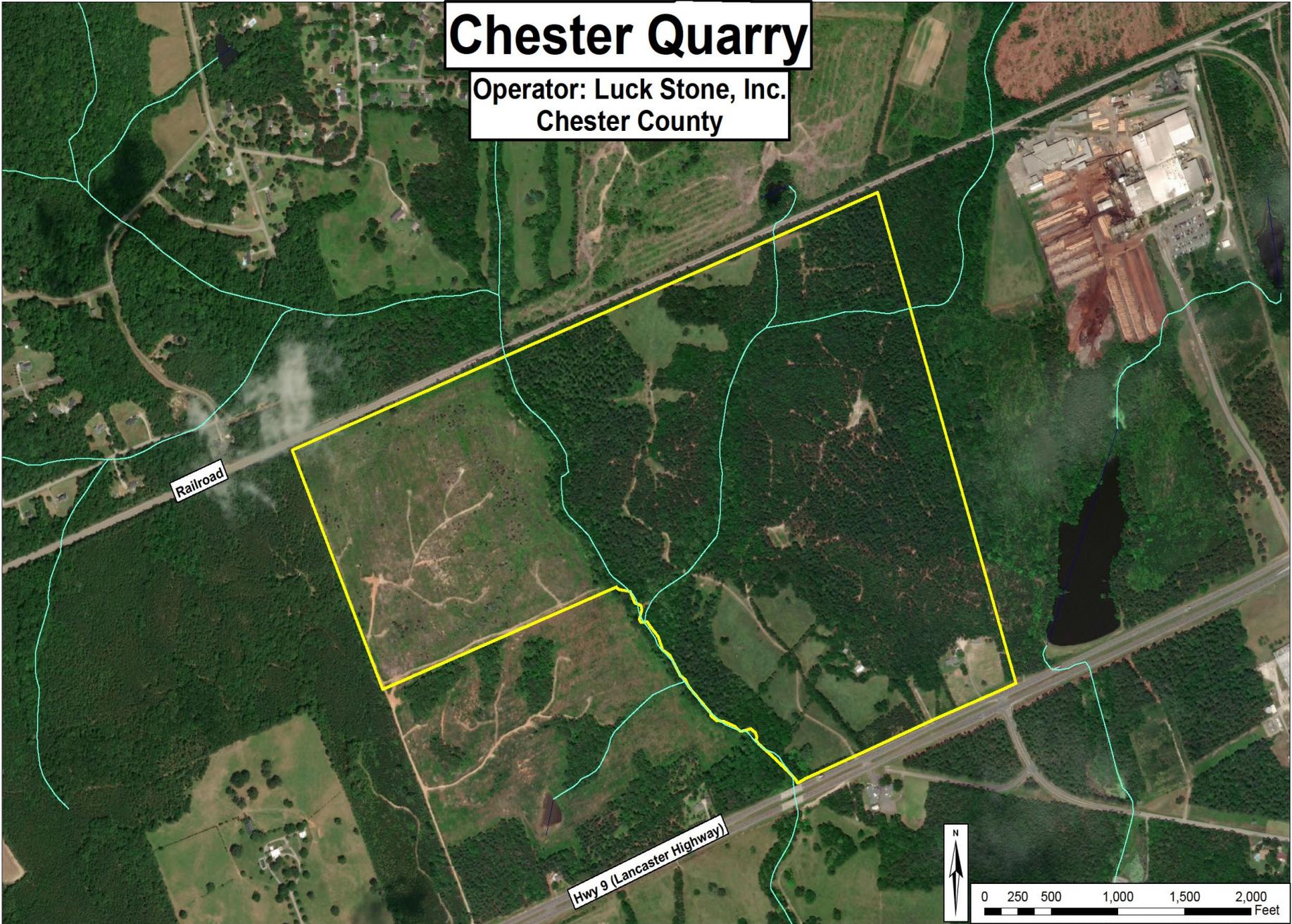
Mason Brandes, Project Manager
Mining and Reclamation Section
Bureau of Land and Waste Management

Phone: (803) 898-1369

Email: brandemd@dhec.sc.gov

Chester Quarry

Operator: Luck Stone, Inc.
Chester County

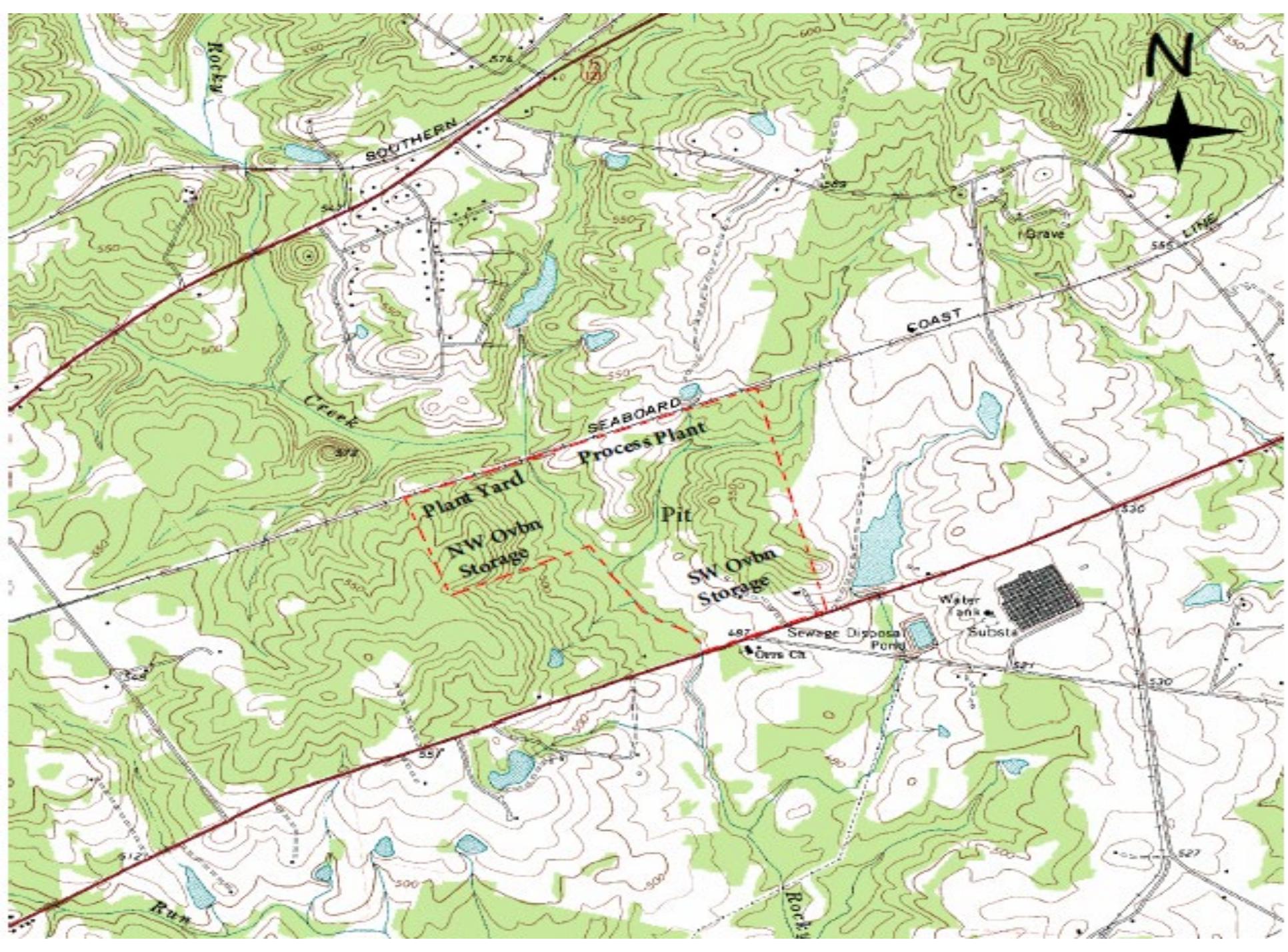


Railroad

Hwy 9 (Lancaster Highway)



0 250 500 1,000 1,500 2,000 Feet

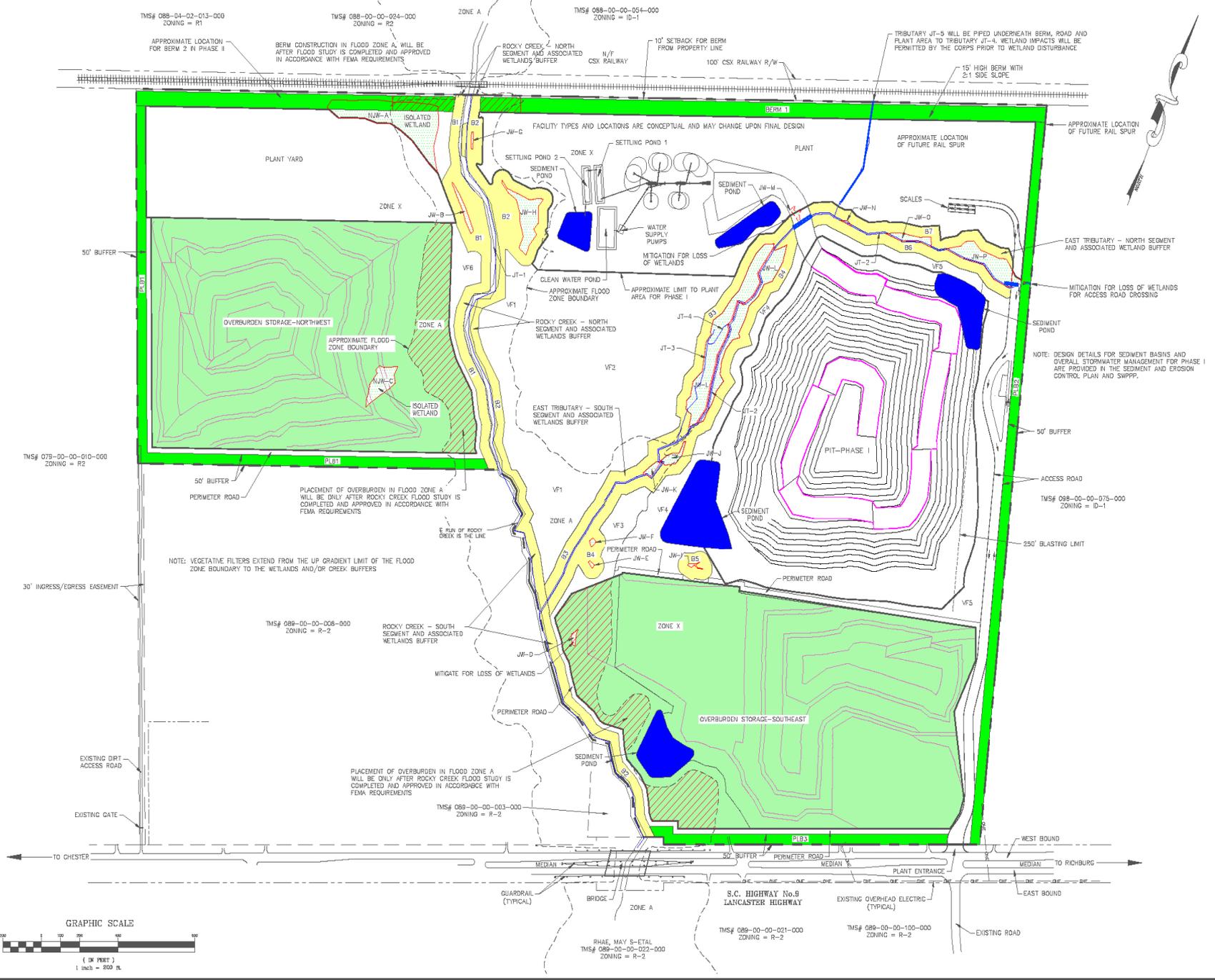


Permitted Area Details

- **251.6 acres of affected area to include:**
 - 82.4 acres for excavation (45.9 acres for Phase I)
 - 9.0 acres of haul roads (6.7 acres for Phase I)
 - 95.3 acres of overburden (42.8 Acres for Phase I)
 - 0.9 acres of sediment ponds
 - 53.0 acres of onsite processing facilities and stockpiles
 - 11.1 acres of vegetative filter
- **25.0 acres of buffer**
- **276.6 acres of total permitted area**
 - 143.2 affected acres in Phase I

Mining Process

- Process consists of clearing, stripping, and placing overburden in storage piles and berms.
- Exposed granite will be dewatered, drilled, blasted, and loaded for crushing and further processing.
- Processing plant consists of primary and secondary rock crushers, screens, conveyors, and stockpiles.
- Proposed maximum quarry depth is 500 ft below ground surface. Final Pit floor elevation is 50 feet msl.
- Approximate duration of operation is 100 years.

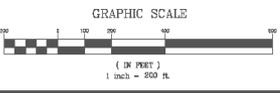


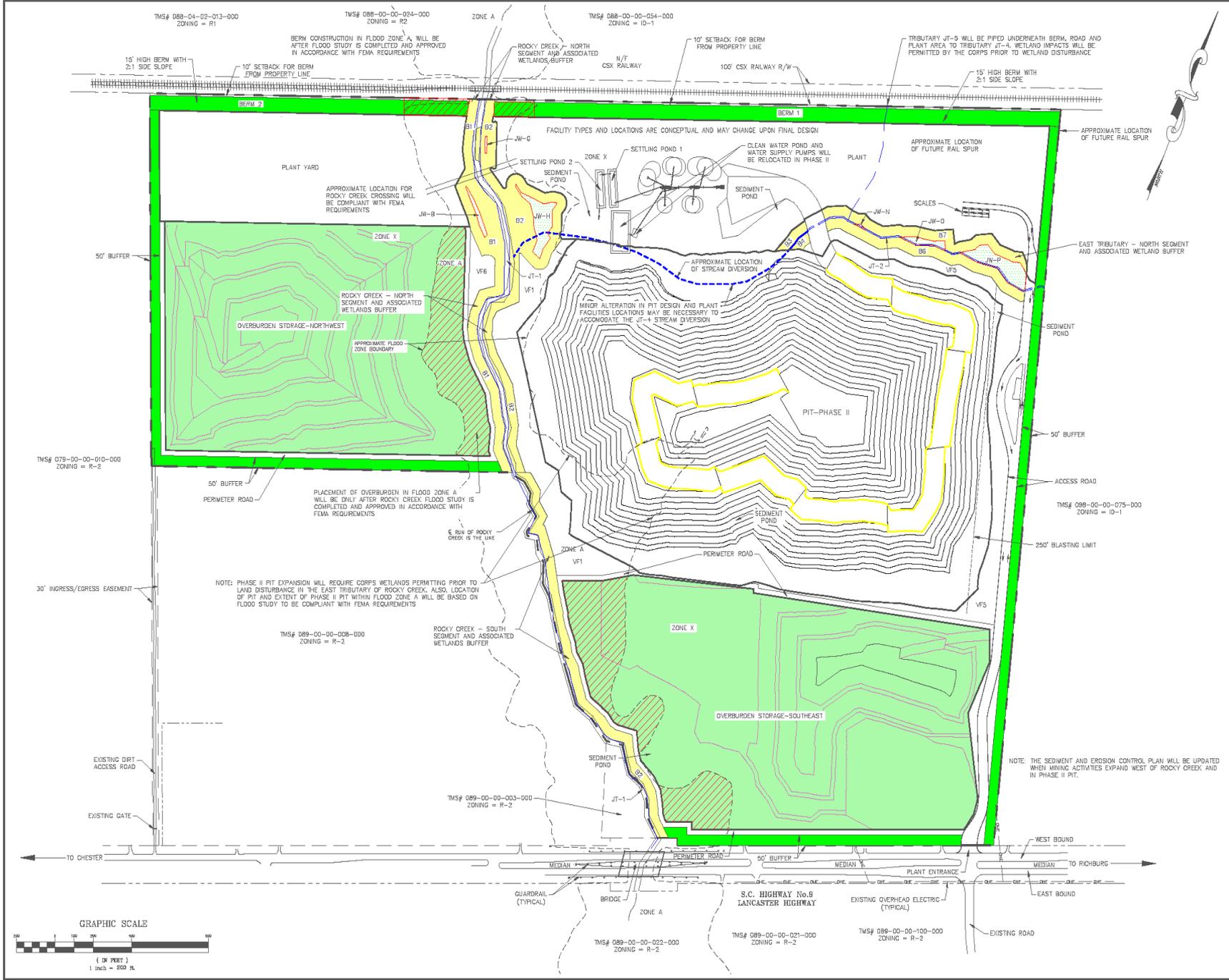
REVISIONS	Description	Date	By

KCS
 Kennedy Consulting Services, LLC
 Craig Kennedy, P.E.
 493 Seaside Court, Lexington, SC 29072
 P.O. Box 964
 Lexington, SC 29053
 Tel: 803.399.1133 • Fax: 803.642.5440 • c.kennedy@kcsllc.com

Project No. KCS 18-102
 Date: 02-27-19
 Approved by: RCK
 Drawn by: B.C.
 Scale: 1"=200'

Sheet No. 1 of 3





By	Date

KCS
Craig Kennedy, Inc.

Kennedy Consulting Services, LLC

403 Southside Court, Lexington, SC 29022 • P.O. Box 364 • Lexington, SC 29033
 Tel: 803.399.1133 • Fax: 803.662.2562 • info@kcsllc.com

Chester Quarry
 Mine Map - Phase II
 Prepared for
Luck Stone Corporation
 Chester County - South Carolina

Project No. KCS 18-102
 Date: 02-27-19
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Reclamation

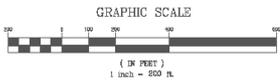
- "Reclamation" means the reasonable rehabilitation of the affected land for useful purposes and the protection of the natural resources of the surrounding area.
- Mine site reclaimed to a lake, ponds, grasslands, and commercial development.
- All overburden storage piles will be stabilized and vegetated
- All mobile and stationary equipment and scrap materials will be removed and those areas will be stabilized and vegetated
- Final slopes will be 3:1 horizontal to vertical

TMS# 088-04-02-013-000
ZONING = R1

TMS# 088-00-00-024-000
ZONING = R2

TMS# 088-00-00-054-000
ZONING = ID-1

ALL EQUIPMENT AND STOCKPILES FROM PLANT AREA WILL BE REMOVED. LAND SURFACE WILL BE GRADED AND REVEGETATED PER RECLAMATION PLAN



REVISIONS

Description	Date	By

KCS
 Kennedy Consulting Services, LLC
 Craig Kennedy, P.E.
 403 Saddle Court, Lexington, SC 29022 • P.O. Box 394 • Irmo, SC 29063
 Office: 803.799.1133 • Fax: 803.799.1133 • Email: cken@kcsllc.com

Chester Quarry
 Reclamation Map
 Prepared for
 Luck Stone Corporation
 Chester County - South Carolina

Project No. KCS 18-102
 Date: 02-27-19
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Permitting Process

- Technical review phase of permitting process
- Public Hearing, November 19th, 2019
- Comment period ends December 4th, 2019
- All comments considered and if necessary, additional information requested from applicant
- Final permit decision will be sent to all interested public with a summary response to comments



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