Luck Stone, LLC

Mine Operating Permit Application for the Proposed Chester Quarry
Contact Information

Mason Brandes, Project Manager
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Bureau of Land and Waste Management

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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.
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.
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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