

Overview of Mine Operating Permit I-002329 Luck Stone Corporation, Fairfield I-77 Quarry

January 2022

DHEC has recently issued a mine operating permit to the Luck Stone Corporation for the Fairfield I-77 Quarry. The company will be mining granite at a site located in the vicinity of the intersection of S.C. Highway 34 and Simpson Circle in Fairfield County, South Carolina.

Throughout the process, DHEC heard from members of the community and this document provides an overview of permit conditions related to your input.

Overview of Permit Requirements of Community Interest



Private Wells

- Luck Stone will monitor groundwater and DHEC will ensure operations do not impact wells and public water supply.
- Nearby property owners can contact Luck Stone with concerns over impacts to their private well water supply, and Luck Stone is required to provide water while DHEC investigates the complaint. Where DHEC determines the mine is affecting a well, Luck Stone will be responsible for repairing or mitigating damage to private wells.



Surface Water

- Water leaving the Luck Stone property will be discharged into Dutchmans' Creek which flows into Lake Wateree. DHEC permits protect water quality of the creek and lake.
- To minimize discharges, most water collected on-site will be reused on-site in the mining process and for dust management.
- To reduce sediment discharge into Dutchmans' Creek, stormwater will be routed into the mine pit and/or on-site ponds, allowing sediment to settle out prior to any discharge.
- Luck Stone must stop pumping and discharge of water immediately if flooding conditions occur to downstream property.



Truck Traffic

- The operator will use a watering truck to minimize dust from traffic on-site.
- To preserve access to the Old Homer Baptist Church cemetery and address traffic, the permit prevents Luck Stone from constructing an entrance or exit onto Barber Road.
- Trees and existing vegetation will provide buffers and screening from Highway 34 which may be designated as a state scenic byway.



Road Damage

S.C. Department of Transportation (SCDOT), S.C. Public Service Commission, or Fairfield County Department of Public Works have jurisdiction over adjacent roads and will address maintenance needs. Additionally, State Transport Police address size and weights of loaded trucks.



Community Interest Engagement Group

Luck Stone Corporation has committed to work with the community to establish a Community Interest Engagement Group (CIEG) to provide opportunities for focused discussions and collaboration. DHEC encourages interested community members to reach out to Luck Stone about the CIEG.



Mining Closure

When mining has ended on this site, Luck Stone is required to restore the property into ponds and grasslands which may be suitable for future uses.

In addition to the Mine Operating Permit for this site, DHEC has recently issued additional permits necessary for this site.

- To ensure protection to air quality and minimize dust from the crushing operation an Air Construction Permit has been issued; and
- To ensure water quality, water leaving the site/discharged to Dutchmans' Creek is subject to requirements of the NPDES General Permit for stormwater and wastewater.

We invite you to visit the DHEC webpage to review detailed information on these permits and related documents.

www.scdhec.gov/LuckStoneFairfield

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