

## Sec. 24-89. - Mines and quarries.

- (a) Quarries and underground mines not permitted on lots less than 300 acres, and sand mines and borrow pits on not less than 30 acres in size.
- (b) No excavation activities shall occur within 300 feet of a residential property line, and not within 100 feet of any other property line.
- (c) No mining or quarrying activity shall occur within 50 feet of any river, stream, lake, or wetland.
- (d) No parking or accessory structures will be permitted within 50 feet of a property line. Security structures shall be exempt from this requirement.
- (e) Prior to the start of any quarry operations the outer boundaries of the operations area shall be continuously enclosed by a six foot high chain-link fence. Fencing along the entry road may be of a different type with approval from the planning commission.
- (f) All private roads shall be kept wetted while being used or shall be hard-surfaced and maintained to prevent the emanation of dust.
- (g) All private access roads leading off any public street or highway onto property used for any purpose permitted in this zone shall be paved, with heavy duty asphalt, or concrete not less than six inches in thickness, for the first two hundred (200) feet of said access road.
- (h) Required signage: The outer boundaries of all property used for quarrying operations, involving the extraction and processing of rock, sand, gravel, decomposed granite, clay or similar materials shall be posted with signs carrying the message "QUARRY ZONE" in letters not less than four inches in height, and in letters not less than one inch in height. These signs shall be posted at intervals not to exceed 300 feet.
- (i) A reclamation plan shall be submitted to the county before approval by the planning commission and the applicant shall post a reclamation guarantee for the area of disturbance giving financial assurance in a form approved by Edgefield County, guaranteeing the satisfactory reclamation of all disturbed areas. The amount of reclamation for permanent commercial operations shall not be less than \$1,000.00 per acre, with a \$10,000.00 minimum and shall be adjusted upon the renewal of the operations plan to meet projected costs of reclamation based upon time, material and equipment needed to clean-up and remove structures, backfill, slopes (to include mine dumps) shall be graded to no greater than a 3:1 finished slope or in relation to the contour of adjacent undisturbed land, contour, redistribute and stabilize topsoil, re-vegetate, monitor, and reseed if necessary. The release of the financial assurance and obligations for reclamation shall not be made until the county planner, and county attorney approves the release in writing.
- (j) Activities that would produce excessive noise, dust, traffic, or other activities that may constitute a public nuisance shall be restricted to standard business hours.
- (k)

A traffic study by a licensed engineer shall be completed for the proposed operation. The study will analyze the traffic volumes at the entrance intersection(s) of the proposed mine or quarry roads and all intersecting roads within one mile. The engineer will determine what if any improvements are required on the adjoining roads. The study will measure the current level of the level of service (LOS) of the adjoining roadways before and after the development.

(Ord. No. 20-21-796, § 1(Exh. A), 2-1-2022)