

Applicant Supplied SUP Conditions

1. For purposes of Section 17-1003.02 (d) of the Zoning Ordinance the use(s) related to this Special Use Permit shall be satisfied by the operation of the permitted use(s) on any of the tax parcels listed in the application. The two entities that own the land are related limited liability companies and the quarrying operation is being conducted now and anticipated to be done in the future by Frazier Quarry, Inc. This is an update and expansion related to special use permits issue March 12, 1973, December 18, 1991, May 9, 2012 and September 11, 2013.
2. **Working Hours**
 - a. Hours of blasting operations shall be from 7:00 a.m. until 5:00 p.m. Monday through Friday.
 - b. Operation of the quarry and crushing plant shall be conducted Monday through Saturday 6:00 a.m to 11:00 p.m. On Sunday, no quarry or crushing operations shall take place.
 - c. Maintenance tasks, sales, and rail loading of stone will not be limited.
3. **Dust Control**
 - a. All reasonable steps shall be taken to prevent dust originating in crushers, screens or elsewhere in the processing plant from blowing across the property lines.
 - b. Dust caused by traffic over roadways within the property shall be minimized by paving/ sprinkling, or treatment with chlorides.
4. **Blasting**
 - a. All blasting shall be done with Nonel or electronic caps.
 - b. No secondary blasting shall be permitted. Oversized rocks from primary blasts shall be broken without the use of explosives.
 - c. Poundage per delay will be determined by blaster not to exceed the estimated peak particle velocity or Z scale factors.
 - d. Blasting vibration shall be limited to a maximum resultant peak particle velocity of 2.0 inches per second in the earth or the maximum limit imposed under state and federal regulatory requirement, whichever is lower, as measured at the nearest occupied structure outside the quarry boundaries. Vibration of every blast containing more than 100 pounds of explosives shall be measured and recorded using seismic instruments which meet or exceed the standards required by applicable state regulations. Such records shall be maintained on file at the quarry office and available to inspection by the Zoning Administrator.
 - e. Peak-over-pressure (noise) from any blast shall be limited to 0.012954 pounds per square inch (133 decibels) at any occupied structure not on the subject property.
5. A 100' vegetated buffer (as measured from the Frazier Quarry property line adjacent to Tax Map IDs 94-A-109B, 94-A-108, 94-A-106, 94-A-103, 94-A-99, 94-A-93, 94-A-22, 94-A-

5, G94-A-3, 94-6-7, 94-6-4, 79-A-27D, 79-A-27H, 79-A-27G1, 79-A-27G, 79-A-30A, 79-A-30A1, 79-A-31A, 79-A-31, 79-A-33, 79-A-8, 79-A-36, 79-A-96, 79-A-97) shall be created or kept in place and designated to serve as a screening pursuant to Virginia Administrative Code 4VAC25-31-420. Any portion of the screening not already present will be installed no later than 1 year after special use permit approval using a mixture of low growth vegetation, fast growing coniferous, evergreen, and hardwood trees in consultation with a professional arborist.

6. Access to the properties and all truck traffic will access the property only from Buttermilk Creek Road.
7. There shall be a 100' buffer centered on streams as required per Code of Ordinances of the County of Rockingham, Virginia Sec. 6C-11 .
8. These conditions shall supersede and replace all previous SUP conditions for the parcels covered by this permit.

Revised 12-12-23