

R01-178

BOARD OF SUPERVISORS  
COUNTY OF STAFFORD  
STAFFORD, VIRGINIA

RESOLUTION

At a regular meeting of the Stafford County Board of Supervisors (the Board) held in the Board Chambers, Stafford County Administration Center, Stafford, Virginia, on the 10th day of April, 2001:

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MEMBERS:

Ferris M. Belman, Sr., Chairman  
Robert C. Gibbons, Vice Chairman  
David R. Beiler  
Jack R. Cavalier  
Peter J. Fields  
Kenneth T. Mitchell  
Linda V. Musselman

VOTE:

Yes  
Yes  
No  
Yes  
Yes  
Yes  
Yes

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On motion of Mr. Gibbons, seconded by Ms. Musselman, which carried by a vote of 6 to 1, the following was adopted:

A RESOLUTION TO APPROVE AN AMENDMENT TO A CONDITIONAL USE PERMIT PURSUANT TO APPLICATION CUP210092 TO ALLOW A ROCK QUARRY IN AN M-2, HEAVY INDUSTRIAL, ZONING DISTRICT. ON ASSESSOR'S PARCEL 19-65, ROCK HILL ELECTION DISTRICT

WHEREAS, Vulcan Materials Company, applicant, has submitted application CUP210092 requesting an amendment to a Conditional Use Permit to allow a rock quarry in an M-2, Heavy Industrial, Zoning District on the above-described property; and

WHEREAS, the application has been submitted pursuant to Section 28-59 of the Zoning Ordinance which permits this as a use in a M-2, Heavy Industrial, Zoning District after a Conditional Use Permit has been issued by the Board; and

WHEREAS, the Board has considered the recommendation of the Planning Commission and staff and the testimony at the public hearing; and

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WHEREAS, the Board finds that the request meets the standards for issuance of a Conditional Use Permit;

NOW, THEREFORE, BE IT RESOLVED, by the Stafford County Board of Supervisors on this the 10<sup>th</sup> day of April, 2001 that a Conditional Use Permit pursuant to application CUP210092, be and it hereby is approved with the following conditions:

1. Approval is for Vulcan Materials only and is not transferable without further action by the Board of Supervisors.
2. These conditions shall be reviewed at the end of one year and once every three years thereafter. The Board of Supervisors may at any time make such adjustments as it deems reasonably necessary.
3. The operation shall comply with all regulations of Federal, State and local agencies concerning such operation and reports to or inspections by the various Federal, State and local agencies shall be maintained on file and made available to authorized representatives of the County upon request.
4. Applicant shall maintain at all times a liability insurance policy acceptable to Stafford County in an amount not less than \$1,000,000 per incident or occurrence, a certificate of which insurance shall be presented to and filed with the Zoning Administrator of Stafford County, Virginia. A procedure for filing claims with the insurance company shall be established and submitted with the insurance certificate. This procedure must be approved by Stafford County, Virginia prior to commencing operation of the Quarry.

#### OPERATIONAL

5. Primary crushing, drilling and shipping operations shall be limited to Monday through Friday during the hours between 6:00 A.M. and 6:00 P.M. and Saturday between 7:00 A.M. and 1:00 P.M. ~~Shipping operations shall be limited to between 6:00 A.M. and 3:00 P.M. Monday through Friday, and 7:00 A.M. to 1:00 P.M. on Saturday until such time as Route 610 is improved from Route 641 intersection to the quarry site or 12 months from date of issuance, whichever comes first and written authorization is obtained from the Zoning Administrator at which time the hours shall be the same as crushing and drilling. Shipping hours through November 1, 2001 are expanded to 1:00 p.m. to 4:00 p.m. on Saturday and 6:00 p.m. to 8:00 p.m. on weekdays in order for Vulcan to provide stone and building materials to the vicinity of the Stafford County airport.~~

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Blasting shall be confined to Monday through Friday between the hours of 10:00 A.M. and 3:00 P.M. A blast deemed emergency in nature may take place between 3:00 P.M. and 6:00 P.M. with the express permission of the Zoning Administrator for each blast. There shall be no quarrying activities or sales on Sundays or legal holidays. Production blasts shall be limited to a maximum of 2 per day, but not to exceed 3 days per week. Construction blasts not exceeding 100 lbs. of explosives may take place at any time during operation hours.

6. A sales office shall be maintained on the site at all times during quarrying operations.
7. Blasting shall be done in compliance with the rules and regulations of the Division of Mines and Quarries. The following standards shall be met as measured at the nearest off site dwelling:
  - a) Blasts shall be designed to produce a ground vibration of less than 0.5"/sec. but not to exceed 1.0"/sec. The quarry operator shall furnish proof that any shot exceeding 0.5"/sec. was designed not to exceed that level.
  - b) Blasts shall be designed to produce a sound level of less than 128dB(L). The quarry operator shall furnish proof that any shot exceeding 128dB(L) was designed not to exceed that level.

Each and any violation of these design standards shall result in not less than five nor more than thirty days suspension of operations, to be imposed by the Zoning Administrator and the County Administrator.

8. All equipment used in quarrying operations shall have sound deadening features and meet M.E.S.A. Standards. Steady-state vibrations caused by production equipment shall not produce particle velocities in excess of .025 inches per second and sound pressure level resulting from the operation of equipment shall not exceed 61dB(A), both to be measured at the nearest off site dwelling.
9. All blasts shall be monitored by a qualified independent engineering firm to be paid for by Vulcan Materials Company and to be approved by the Board of Supervisors and certified results showing particle velocity and blast noise at the designated dwelling shall be kept on file and made available to authorized representative of the County on request. Ground vibrations monitoring equipment shall be as approved by the Division of Mines and Quarries. Noise monitoring equipment shall conform to recommendations of U. S. Bureau of Mines technical report TPR 78 (May 1974) and shall measure impulse capability and linear frequency response to 5 Hertz.

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10. Explosives shall be stored in compliance with the Virginia Division of Mines and Quarries and U. S. Bureau of Mines Regulations. Not more than 4 months of explosives shall be stored on the site at any one time. Explosives shall be delivered only between the hours of 9:00 A.M. and 2:00 P.M.
11. No quarrying activity shall take place within 150 feet of any property boundary line.

#### POLLUTION CONTROL

12. All machinery and equipment used in quarry operations shall have dust suppressing features as required by the Virginia State Air Pollution Control Board.
13. On site roads shall be treated to provide a dust-free surface.
14. Total particulate matter emitted by the operation shall meet Virginia State Air Pollution Control Board Standards.
15. Loads shall be sprayed, covered or treated with other measures deemed satisfactory to contain dust before leaving quarry.
16. Vehicles shall be washed down before leaving the quarry to remove mud and dust, if necessary to preclude the tracking of mud onto State-maintained roads. The County Administrator shall determine the necessity to wash vehicles upon a complaint basis.
17. Drainage and settling basins shall be operated in accordance with the Stafford County Soil Erosion and Sedimentation Control Ordinance; Virginia State Water Control Board Standards; Virginia State Health Department Standards; and U. S. Soil Conservation Service recommendations.

#### HAULING

18. No vehicles owned or leased by Vulcan shall be loaded beyond their legal load limits. Vulcan shall advise drivers of non-owned or leased vehicles of the weight of their load.
19. The access road shall be paved and acceleration and deceleration lanes built on Route 610 to the extend of the right-of-way of Virginia Route 610.


SITE PLAN

20. The operation shall comply with the approved site plan.
21. In addition to the requirements of the site plan ordinance, the site plan is to show the following:
  - a) Eight feet high chain link type fence surrounding the actual quarrying and crushing operation area.
  - b) A natural buffer of trees 50 feet in width shall be maintained along the perimeter of the property. Inside this buffer a berm shall be constructed 20 feet in height.
  - c) Type and size of planting on berm.
  - d) Approved planting along access road to adequately screen adjoining property.

RECLAMATION

22. Reclamation must comply with a plan approved by the Virginia Bureau of Mined Land Reclamation.
23. Copies of each year's reclamation plan shall be provided to the Stafford County Planning and Zoning Offices for comment.

A Copy, teste:

  
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C. M. Williams, Jr.  
County Administrator

CMWJr:WCS:cp