

ROY COOPER
Governor

DIONNE DELLI-GATTI
Secretary

BRIAN WRENN
Director



NORTH CAROLINA
Environmental Quality

May 24, 2021

Certified Mail
Return Receipt Requested
7016 2140 0000 4368 3988

Mr. Samuel T. Bratton
Wake Stone Corporation Company
PO Box 190
Knightdale, NC 27545

RE: Cary (Triangle) Quarry
Mining Permit No. 92-10
Wake County
Neuse River Basin

Dear Mr. Bratton:

We have reviewed the modification request your company submitted for the referenced mine site. In order for this office to complete its review of the referenced project in accordance with G.S. §74-50 and §74-51 of the Mining Act of 1971, please provide the additional or revised information in accordance with the following comments:

1. In your report, "Wake Stone Triangle Quarry Expansion Acoustical Study," on page 28, Figure 14 shows an isopleth depicting the sound increase between existing and future conditions. The greatest noise impacts off the property occur across Foxcroft Lake and at the Dunn residence. Based on Figure 14, there is concern that the noise from the quarrying operation may have an impact on the Park. The Division understands that the isopleths in Figure 14 were developed using conservative modeling and did not take into consideration vegetation.
 - A. Please supply a written explanation as to how the current vegetation on the east side of Foxcroft Lake would affect the noise impact that is being shown in Figure 14. In addition, please propose other mitigating devices needed to reduce the noise impacts on the east side of Foxcroft Lake.
 - B. The Dunn residence seems to be an area of offsite high noise level increase. Please provide either additional enhanced mitigation to the proposed plan or supply a written explanation as to how the proposed mitigation measures will adequately protect the Dunn residence.

In both A and B, please supply a new isopleth figure showing the effect of the additional mitigation you are proposing (this should include the effect of vegetation).

2. Please clarify whether the area around Foxcroft Lake, outside of the 50' wetland buffer, is to be considered a designated undisturbed buffer. Please label and indicate on the mine maps any additional designated undisturbed buffers around Foxcroft lake, including type and size of the buffer.



North Carolina Department of Environmental Quality | Division of Energy, Mineral and Land Resources
512 North Salisbury Street | 1612 Mail Service Center | Raleigh, North Carolina 27699-1612
919.707.9200

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Mr. Bratton

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Please note, this office may request additional information, not included in this letter, as the mining application review progresses. Be advised that our review cannot be completed until all of the items listed above have been fully addressed.

In order to complete the processing of your application, please forward two (2) copies of the requested information to my attention at the following address:

Division of Energy, Mineral, and Land Resources
Department of Environmental Quality
1612 Mail Service Center
Raleigh, NC 27699-1612

As required by 15A NCAC 5B .0113, you are hereby advised that you have 180 days from the date of your receipt of this letter to submit all requested information. If you are unable to meet this deadline and wish to request additional time, you must submit information, in writing, to the Director clearly indicating why the deadline cannot be met and request that an extension of time be granted. If an extension of time is not granted, a decision will be made to grant or deny the mining permit based upon the information currently in the Department's files at the end of the 180-day period.

Though the preceding statement cites the maximum time limit for your response, we encourage you to provide the additional information requested by this letter as soon as possible. Your prompt response will help us to complete processing your application sooner.

Please contact me at (919) 707-9220 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "David Miller", written in a cursive style.

David Miller
State Mining Engineer

cc: Bill Denton (Raleigh Regional Engineer)