

June 8, 2020

John H. Parks  
352a Billings Rd.  
Somers, CT 06071-2022

SUBJECT: 40-42 Hallie Road, Somers, CT

Dear Attorney Parks,

You have asked my opinion of the noise impacts related to blasting versus use of a hydraulic breaker to remove the rock ledge at these properties.

I have been to the site and I am familiar with the activity in operation. I am informed that continuing in this manner will require another 3-4 months of work and that blasting would cut that time in half.

The off-site airborne noise impacts of blasting would be substantially less than of the hydraulic breaker currently in use, and in my professional judgment, blasting is preferred.

First, the time in which noise is generated is half as much.

Second, blasting is infrequent compared with breaker operation, which is near continuous.

Third, blasting of this type is largely a seismic, not an acoustic, event. That is, most of the impact is not audible and is absorbed by the earth. The noise impacts depend upon the distance from the blasting source, the charge per delay, the tamping length, the quality of the rock, the availability of the blasting mat, and the weather conditions such as the topography and temperature of the blasting site and air pressure. Based on what I observed at the site and my experience with blasting, a properly managed blasting program will have substantially less off-site noise impact.

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Sincerely,



Eric L. Reuter, FASA, INCE Bd. Cert.  
*Principal*