

water pollution control authority



To:

• Juliet Hodge
Wed 6/7/2023 11:40 AM

Hi Juliet - my intention was to attend the public hearing in person however I must be in New Haven on the 8th so I thought I would submit this email into the record concerning Application PZ#2306SUP in the capacity for the commissioners of the Ledyard WPCA (Water Pollution Control Authority).

The WPCA commissioners are neither for or against this application under the special use permit at 1340 Baldwin Hill Road, Gales Ferry, CT 06335 for the continued processing of earth materials and removal of ledge material. However, the commissioners would like to request that a formal review of the hydrology and the effects of blasting and material removal has on local wells in the area. Although the application states that there is no impact that blasting has on local wells, it has come to our attention that a well at 1347 Baldwin Hill Road has gone dry and the residents (Kyle Singleton family) must use public or friend's shower facilities and use bottled water for drinking and cooking activities for over a year. Now it is not the intention of the commissioners to accuse the blasting activities to the well water lose but it seems reasonable that a formal study of the geology and water table in the area might indicate such as impact.

The WPCA has been working with Groton Utilities to determine if city water can economically be installed to 1347 Baldwin Road. There is a water main located approximately 200 feet on the town road which is estimated to cost about \$80,000 to install. The WPCA is pursuing grants to facilitate the cost - but this takes time - possibly years - to receive a grant. The WPCA is also working with adjacent neighbors seeking a utility easement to install a 2-inch line to the property with an estimate of \$20,000 to install. It should be noted that due to the existing topology a drilling rig cannot reach or be set up to drill a well.

There may be other solutions to this problem, but the commissioners wanted to put into the public record the effect blasting might have on surrounding wells and the impact this might have on the town's responsibility (DPH requirements) to provide city water as a result of well failure.

Thank you for your attention on this matter. I am available at any time to answer any questions you might have concerning our challenges for providing water to the town of Ledyard community.

Ed Lynch, P.E. WPCA
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