



Chairperson Ed Lynch

TOWN OF LEDYARD
CONNECTICUT

WATER POLLUTION CONTROL AUTHORITY

Town of Ledyard
Ledyard, CT 06339
<http://www.ledyardct.org>

January 31, 2024

Juliet:

At our monthly meeting on January 23rd, the WPCA and GU had discussions concerning the proposed blasting by Cashman at the former Dow Chemical plant property and the impact the blasting might have on the present water main and service. As a third party interested in protecting Ledyard's investment in the water system, the following four conditions need to be met:

1. Blasting specialist expertise needed: Both the WPCA and GU do not have on staff a specialist to determine what impact, if any, blasting near underground pipe may have, particularly when the route 12 16-inch iron ductile main is only 50 feet away. The commissioners and GU would like to request that an expert in blasting near underground utilities be employed to outline the risks and precautions that need to be taken to minimize blasting damage risks.
2. Before any blasting takes place, that we conduct a leak test, at Cashman's expense, on the main 16-inch line on route 12 extended from the center point of the blasting activity to at least ½ mile in either direction. In addition to route 12, the line under the road in the south of the blasting area (Chapman St) including all service lines for each resident on that road also be leak tested.
3. That blasting vibration instrumentation be deployed, at Cashman's expense (based on the above expert's suggestion) covering the route 12 16 inch main before and during blasting activity.
4. Because the state of Connecticut requires the local water service authority (that is the WPCA) to bring water to residents that have failed wells, that Cashman - at their expense, provide the cost to deploy water service (called water main extensions) to the resident that has a failed well if all parties agree it was due to blasting - up to the meter pit which is on the resident's property line.

In addition, a question of bonding and or insurance be posted in the event of a failure to any of the water services as outlined above has been raised. As we are not familiar to the mechanism for such insurance, we will leave this up to Planning and Zoning for further discussion.

Sincerely,

Ed Lynch, WPCA
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