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August 26, 2022

Ms. Delia Kaye
Director
Concord Division of Natural Resources
141 Keyes Road
Concord, MA 01742

RE: Quarry North Road LLC; DEP File No. 137-1612

Dear Ms. Kaye:

I am writing to follow up on some questions that arose during the public hearing on this matter on August 17, 2022 regarding the impact of the proposed work on private and public water supplies.

As I pointed out during the hearing, the proposed leaching facilities for the proposed 6-Unit Planned Residential Development are outside of the Zone II to the Concord White Pond Wells. Zone II's are, as you know, the mapped and DEP approved areas of contribution to public water supply wells under pumping conditions. Any land within a Zone II may be expected to contribute to the water pumped from the well. Any land outside of the Zone II does not so contribute. I attach a copy of the Zone II maps for the Concord White Pond wells and the Sudbury No. 5 well, which is presently not operational.

As you can see, the project where work is proposed, and where the leaching facilities are proposed, is outside the Concord White Pond Zone II (shown in red). The leaching facilities are located within the Zone II of the closed Sudbury No. 5 well, but will have zero impact on Concord's public water supplies.¹

¹ Though not relevant to the present Notice of Intent, the Commission should know that the applicant worked closely with Director Alan Cathcart during the permitting of the wastewater treatment plant that services the development on the Sudbury side, and similarly located the leaching field for that development outside the Concord Zone II as well.

Moreover, 310 CMR 10.03(3) provides that construction of wastewater disposal systems in compliance with Title 5 and any more stringent local Board of Health Regulations are presumed to protect the eight interests identified in the Wetlands Act, including public and private water supply, so long as no components are located within any wet meadow, marsh, swamp or bog, and are located horizontally at least 50 feet from these resource areas.

The proposed wastewater systems within the PRD, as shown on the Notice of Intent, all meet these criteria. Therefore, the septic systems proposed in the Notice of Intent are all presumed to protect the interests identified in the act, including private and public water supply.

If you should need further clarification or information, please do not hesitate to contact me at your convenience.

Very truly yours,

A handwritten signature in black ink, appearing to read 'WCH', with a long, sweeping underline that extends to the right and then curves back down.

William C. Henchy

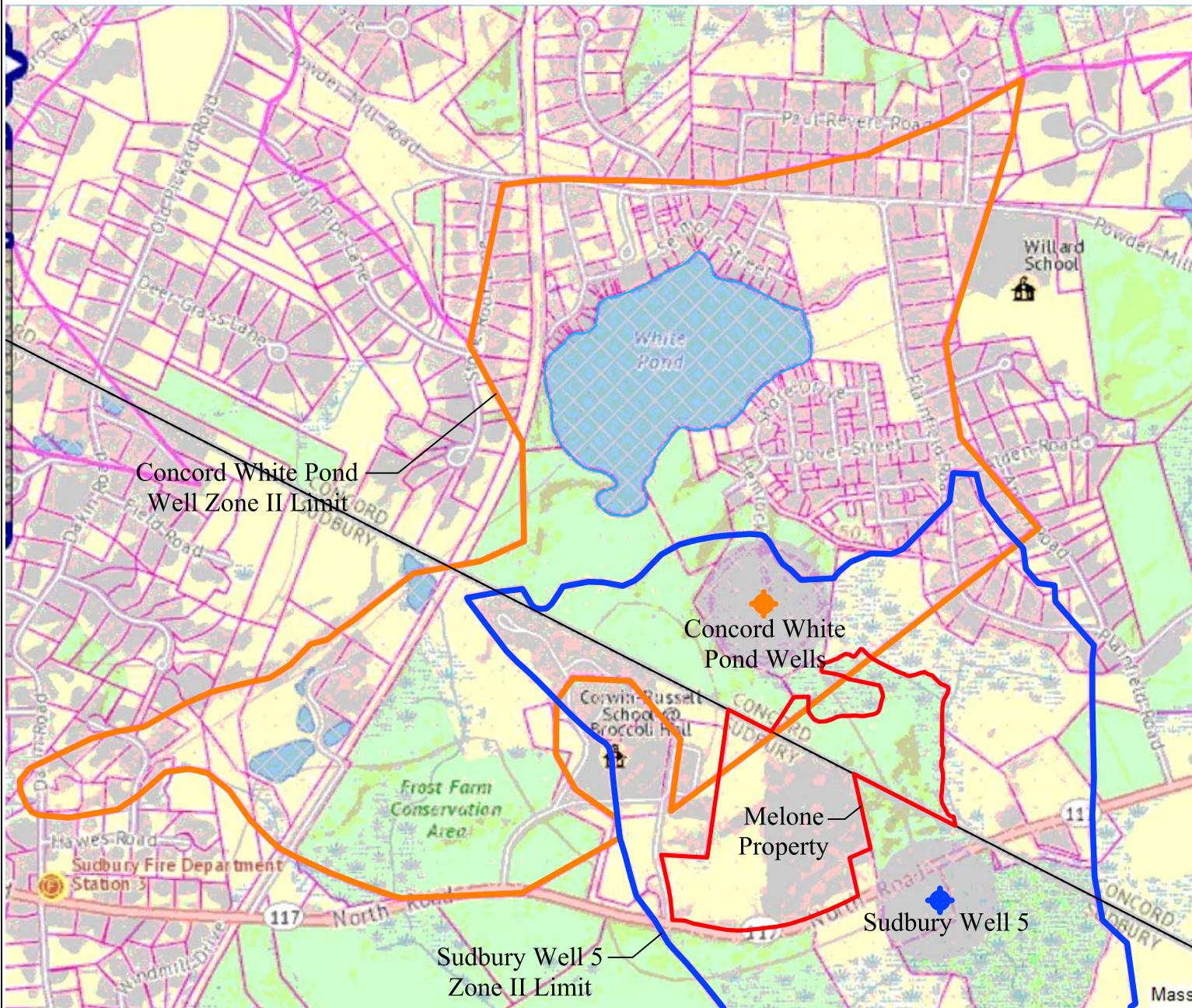
Wch/

Enc.

cc. Elizabeth Hughes

Quarry North
Route 117
Sudbury, MA

Working Figure.
Sudbury Wells and
Concord White Pond
Well Zone IIs.



Scale in feet



Project No. GHC#19004
Drafted SWS Checked
Date 2/22/19 Rev
Base Map: MassGIS Oliver.