

Horsley Witten Group

Sustainable Environmental Solutions

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September 6, 2018

VIA EMAIL

Mr. Jack Hathaway
Town Administrator
1 Liberty Lane
Norfolk, MA 02056

Re: Proposed Abbyville Commons Development in Norfolk, MA – ADDENDUM to
Closeout letter on Hydrogeologic and WWTF Topics

Dear Mr. Hathaway:

The Horsley Witten Group, Inc. (HW) is pleased to submit to the Town of Norfolk (the Town) this addendum to our project review closeout letter previously submitted on August 21, 2018. That closeout letter summarized the status of our peer review comments and Applicant responses regarding the hydrogeologic and Wastewater Treatment Facility (WWTF) aspects of the proposed Abbyville Commons and Preserve at Abbyville projects off of Lawrence Street in Norfolk, MA (the “Site”).

Since the time of that closeout letter, HW has received and reviewed a peer review letter written by Weston and Sampson, Inc. (W&S), dated August 7, 2018 that dealt primarily with the Activity and Use Limitation (AUL) area located on the Site. The W&S letter contained background information and maps regarding the AUL area that I had not previously seen.

This addendum is submitted to clarify that I concur with the W&S opinion expressed in their August 7, 2018 letter that the wastewater discharge from the proposed Site development will likely increase the groundwater gradient by a relatively modest amount for the area on the Site side of the Mill Raceway. As a result of the increased gradient, the groundwater flow velocity is also expected to increase by a similar factor, which could potentially accelerate, relative to existing conditions, the movement of existing contamination on the proposed Site development side of the Mill Raceway. However, I also concur with the W&S statement that the specific AUL contaminants of concern tend to bind to soil and that the potential for significantly accelerated mobilization in groundwater is, therefore, minimal.

The Mill Raceway will intercept rising groundwater and, therefore, AUL areas on the far side of the raceway will experience even lesser risk for accelerated groundwater migration than would those on the near side. Overall, based on the data that we have reviewed, our opinion is that the proposed WWTF will not significantly impact the potential for contamination from the AUL site to migrate faster than may or may not be already occurring. We cannot comment on any other aspects of the AUL site beyond

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the potential impacts of the proposed WWTF as that is beyond the scope of our peer review of the proposed WWTF.

Thank you for the opportunity to assist the Town in reviewing this significant project. Please feel free to contact me at nprice@horsleywitten.com or 508-833-6600 with any questions.

Sincerely,

Horsley Witten Group, Inc.



Neal M. Price
Senior Hydrogeologist

cc: Mr. Daniel Hill, Esq.