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TO:	Pawtucket Water Supply Board	DATE:	12/5/2022
FROM:	Howard Stein Hudson	HSH PROJECT NO.:	19227.01
SUBJECT:	West St/Hancock Street, Wrentham, MA		

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Haward Stein Hudson received comments from the Pawtucket Water Supply Board (PWSB) on July 18, 2022, regarding the project at West St and Hancock Street in Wrentham, MA. The following are the responses to those comments. We are asking PWSB if they agreeable to the following responses and conditions regarding the proposed project development.

*Will use of fertilizers, pesticide and other harmful contaminants be restricted?*

**HSH Response: HSH on behalf of the applicant is comfortable with the order of conditions to dictate that fertilizers, pesticide and other harmful contaminants be restricted and that be part of the homeowner's association regulations and guidelines for groundskeeping.**

*It appears onsite wastewater disposal will be utilized. Has consideration been given to requiring advance treatment techniques? Specifically, to reduce harmful contaminants including but not limited to nitrite, nitrate, phosphorus, chloride, bacteria inactivation, possible disinfection, etc.*

**HSH Response: Following Wrentham's Board of Health regulations, the treatment fields will be minimum 6 feet above groundwater, with a minimum of 10' separation between trenches. The systems will fully comply with Massachusetts Title 5 regulations as well as Wrentham's Board of Health regulations. Both systems fall well outside the 100' buffer to wetlands on site and fall below the size threshold for a wastewater treatment plant. The systems will be serving a daily gallons per day of 1,350 and 2,400 gallons. The field is then increased to 150% per board of health regulations. It is our opinion that these systems are designed to protect and ensure the safety of the groundwater supply, and the size of the system is beyond the estimated daily use as well, ensuring adequate capacity.**

*It appears that a substantial amount of fill will be required to achieve the final grades depicted on the drawings. If this fill is derived from an offsite location are there provision to ensure the integrity of the material? Will testing be required to ensure that the fill material is "clean"?*

**HSH Response: HSH on behalf of the applicant is comfortable for the Wrentham Conservation Commission to have a special condition in the order of conditions, for the commission/agent to have oversight and approval of the integrity and quality of material**



coming onto the site. At the current time a contractor is not in place. When a contractor is selected, and a construction schedule is in place, a supplier of material will be chosen based on availability and supply, and we are comfortable with samples of the fill being tested or inspected to ensure quality and cleanliness.

*Who will be responsible for the inspection, maintenance, and repair of the proposed stormwater management systems?*

**HSH Response:** The inspection, maintenance and ownership of the stormwater system is written into the Operation and Maintenance Plan that is part of the submission documents to the Town of Wrentham and to the State as part of the permitting process. Each part of the system has its own inspection and maintenance schedule with logs that are to be submitted to the town. The homeowner's association for each project will be responsible to hire a professional to inspect and maintain the systems and complete and submit the logs.

*Will homeowners be educated on proper lawn care and waste management practices given that the development is located within a sensitive groundwater recharge area?*

**HSH Response:** The groundskeeping will be completed as part of the homeowner's association, as it is a 55+ living community. The proper lawn care and waste management practices are included in the project's Long Term Pollution and Prevention Plan that is a part of the submission documents to the Town of Wrentham and the State as part of the permitting process.

*Will there be required ongoing monitoring of the groundwater/surface water down gradient of the development? Concern is related to malfunction or improperly maintain onsite wastewater disposal system?*

**HSH Response:** *The flow for each system individually and combined is less than 10,000 GPD, a groundwater discharge permit is not required, being below that threshold does not require ongoing monitoring or testing. Title 5 regulations are designed to protect public and private water supply, protect groundwater supply, flood control, storm damage prevention, prevention of pollution, protection of land containing shellfish, protection of fisheries, protection of wildlife habitat. Within the Wetland Protect Act (310 CMR 10.03) (3) there is no requirement for ongoing monitoring of the groundwater/surface water down gradient of the development. The system will be maintained regularly through the*



*homeowner's association. As it is the interest of the homeowners to keep the system maintained as their homes would be the first to be directly affected by a failure.*

Please let us know if you have any further questions or concerns.

Sincerely,

Kristen LaBrie, EIT