



## CITY OF CAMBRIDGE

### MASSACHUSETTS

Water Department  
250 Fresh Pond Parkway  
Cambridge, Mass. 02138

(617) 349-4770



May 25, 2018

Conservation Commission  
Town of Lexington  
1625 Massachusetts Avenue  
Lexington, MA 02420

*via email*

**Re: 443 Lincoln St., Lexington, MA**

Dear Commission Members:

The Cambridge Water Department (CWD) appreciates the opportunity to submit comments on the proposed development at 443 Lincoln Street. Water from the site drains towards Hobbs Brook and the Hobbs Brook Reservoir, important surface waters within the City of Cambridge drinking water supply system. CWD reviewed the Notice of Intent, the Homes at Hobbs Brook Definitive Plan revised May 15, 2018, the Stormwater Management Permit Application dated February 20, 2018, a revised Erosion and Sedimentation Control Plan (Cambridge Water Dept. Sketch, May 23, 2018), and the Schedule for Inspection and Maintenance (updated May 23, 2018) for the Long Term Operation and Maintenance Plan. After reviewing these materials, CWD has the following comments regarding the project:

1. Proposed sewer line and flushing stations – 310 CMR 22.20B prohibits new “sewer lines and appurtenances” in the Zone A except to eliminate existing pollution. Where this exception is met, this regulation requires the sewer lines and manholes to be water tight.
  - a. The applicant confirmed that the proposed sewer line and flushing station pump tanks will be water tight. The applicant also agreed to elevate the vents for the pump tanks above the ground-level position shown on sheet 10 of the plan set.
  - b. With this change, CWD believes that the proposed system will be an improvement over existing conditions. The proposed project will replace an existing subsurface disposal system with four tanks of only 150 gallons each (an assumed reduction in underground storage over existing conditions) and eliminate groundwater discharges of sewage effluent.
2. Stormwater Management - CWD believes that the proposed stormwater management system (deep sump catch basins, a sediment forebay, and infiltration basin), is designed to sufficiently treat stormwater from the proposed development.

3. To ensure the long term protection of the Hobbs Brook and Hobbs Brook Reservoir, CWD requests that an Order of Conditions issued for the project:
  - a. Require the development to follow the Schedule for Inspection and Maintenance as updated May 23, 2018 and/or specifically reference the deicing, herbicide, pesticide, and fertilizer use restrictions outlined in this document.
  - b. Require the party responsible for implementing the Long Term Operation and Maintenance Plan to submit an annual report to the Conservation Commission showing compliance with the Schedule for Inspection and Maintenance as updated May 23, 2018. CWD requests to receive a copy of this report.

Sincerely,



Jamie O'Connell, Watershed Protection Supervisor  
City of Cambridge Water Department  
(617) 349-4781

cc: David Kaplan, Watershed Manager, CWD  
Stephen S. Corda, Managing Director, CWD  
Cambridge Water Board