

Boston Groundwater Trust

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November 20th, 2019

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Raul Duverge, Senior Project Manager
Boston Planning & Development Agency
One City Hall Square
Boston, MA 02201-1007

Subject: 282-308 Bremen Street Draft Project Impact Report (DPIR) Comments

Dear Mr. Duverge:

Thank you for the opportunity to comment on the 282-308 Bremen Street Draft Project Impact Report (DPIR) which is located in East Boston. The Boston Groundwater Trust (BGWT) was established by the Boston City Council to monitor groundwater levels in sections of Boston where the integrity of building foundations is threatened by low groundwater levels and to make recommendations for solving the problem. Therefore my comments are limited to groundwater related issues.

While the project is not located within the Groundwater Conservation Overlay District, it is in an area where existing buildings are supported on wood pilings. As stated in the DPIR an analysis of existing sub-soil conditions at the Project Site, groundwater levels, the potential for ground movement and settlement during excavation and foundation construction, and potential impact on adjacent buildings, utility lines, and the roadways shall be required. This analysis shall also include a description of the foundation construction methodology (e.g., pier pilings), the amount and method of excavation, and measures to prevent any adverse effects on adjacent buildings, utility lines, roadways, and the harbor. - Maintaining groundwater levels in the City is required. Consultation with the Boston Groundwater Trust ("BGWT") regarding potential groundwater impacts in areas influenced by tidal fluctuations is recommended. Measures to ensure that groundwater levels will be maintained and will not be lowered during, or after, construction shall be described. If on-going pumping is required, the metering of discharge must be conducted with oversight by the BWSC. Levels reported shall be based on Boston City Base ("BCB").



In addition, the proponent will ensure BGwT observation well #27M-0677 (located in the sidewalk at the corner of Bremen and Brooks Street) will be accessible when feasible during construction and will be preserved throughout the construction process.

I look forward to working with the proponent and the Agency to assure that this project can have only positive impacts on area groundwater levels.

Very truly yours,



Christian Simonelli
Executive Director

CC: Kathleen Pederson, BPDA
Maura Zlody, EEOS

