



Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

August 7, 2018

John Mahoney, P.E.
RANSOM CONSULTING, INC.
400 Commercial St. Suite 404
Portland, Maine 04101

Re: 788 Washington Avenue, PO
Ability to Serve with PWD Water

Dear Mr. Mahoney:

The Portland Water District has received your request for an Ability to Serve Determination for the noted site submitted on June 12, 2018. Based on the information provided per plans dated July 27, 2018, we can confirm that the District will be able to serve the proposed project as further described in this letter. **Please note that this letter constitutes approval of the water system as currently designed. Any changes affecting the approved water system will require further review and approval by PWD.**

Conditions of Service

The following conditions of service apply:

- A new 6-inch fire service (parent) and 2-inch domestic water service (child) may be installed from the water main in Ocean Avenue. The service should enter through the properties frontage on Ocean Avenue at least 10-feet from any side property lines.
- The existing 1-inch service at this site may be used by the proposed development as long as the project team determines that it will provide adequate flow and pressure for the proposed use. If the existing service will no longer be used as a result of the development then they must be retired per PWD standards.
- An approved backflow prevention device must be installed on each service line directly after the meter or sprinkler riser prior to service activation. Please refer to the PWD website for more information on cross-connection control policies.

Prior to construction, the owner or contractor will need to make an appointment to complete a service application form and pay all necessary fees. The appointment shall be requested through MEANS@pwd.org or by calling 207-774-5961 ext. 3199. Please allow (3) business days to process the service application paperwork. PWD will guide the applicant through the new development process during the appointment.

Existing Site Service

According to District records, the project site does currently have existing water service. A 1-inch diameter copper domestic service line provides water service to the site. Please refer to the “Conditions of Service” section of this letter for requirements related to the use of this service.



Water System Characteristics

According to District records, there is an 12-inch diameter cast iron water main in Ocean Avenue and a public fire hydrant located approximately 50 feet from the site. Recent flow data is not available in this area. The most recent static pressure reading was 83 psi on Date.

Public Fire Protection

The installation of new public hydrants to be accepted into the District water system will most likely not be required. It is your responsibility to contact the City of Portland Fire Department to ensure that this project is adequately served by existing and/or proposed hydrants.

Domestic Water Needs

The data noted above indicates there should be adequate pressure and volume of water to serve the domestic water needs of your proposed project. Based on the high water pressure in this area, we recommend that you consider the installation of pressure reducing devices that comply with state plumbing codes.

Private Fire Protection Water Needs

You have indicated that this project will require water service to provide private fire protection to the site. Please note that the District does not guarantee any quantity of water or pressure through a fire protection service. Please share these results with your sprinkler system designer so that they can design the fire protection system to best fit the noted conditions. If the data is out of date or insufficient for their needs, please contact MEANS to request a hydrant flow test and we will work with you to get more complete data.

Should you disagree with this determination, you may request a review by the District's Internal Review Team. Your request for review must be in writing and state the reason for your disagreement with the determination. The request must be sent to MEANS@PWD.org or mailed to 225 Douglass Street, Portland Maine, 04104 c/o MEANS. The Internal Review Team will undertake review as requested within 2 weeks of receipt of a request for review.

If the District can be of further assistance in this matter, please let us know.

Sincerely,
Portland Water District



Robert A. Bartels, P.E.
Senior Project Engineer