



## Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

September 5, 2017

Joe Delaney  
Whipple Callender Architects  
PO Box 1276  
Portland, ME 04104

Re: 17 Bishop Street, PO  
Ability to Serve with PWD Water

Dear Mr. Delaney :

The Portland Water District has received your request for an Ability to Serve Determination for the noted site submitted on August 15, 2017. Based on the information provided, 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:

- The existing domestic service line at this site may be used to provide water to the building. Our records show that the property is currently served with a 1-inch domestic water service. If any use other than that stated in your letter of August 15, 2017 is expected, please contact the District so we can review the ability of the existing service to meet your domestic water needs. Any additional fixtures to be installed at this property will require the domestic service line to be upsized and the existing 1-inch copper service will need to be retired.
- The existing fire service at this site may be used to serve the project renovation as long as a sprinkler confirms it is adequate. The installation of a testable double check valve backflow prevention device will be required to bring the service into conformance for reuse.

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](mailto: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 and 6-inch ductile iron fire service line provide water service to the site. Please refer to the "Conditions of Service" section of this letter for requirements related to the use of these services.

### Water System Characteristics

According to District records, there is an 12-inch diameter cement lined cast iron water main in Bishop Street and a public fire hydrant located approximately 275 feet from the site. The most recent static pressure reading was 90 psi on June 13, 2017.

### 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 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