



## Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

July 27, 2016

Thomas Greer  
28 Vannah Avenue  
Portland, ME 04103

Re: 180 Washington Avenue, Portland  
Ability to Serve with PWD Water

Dear Mr. Greer:

The Portland Water District has received your request for an Ability to Serve Determination for the noted site submitted on July 15, 2016. 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 does not constitute approval of this project from the District. Review and approval of final plans is required.**

### Conditions of Service

The following conditions of service apply:

- It is the District's understanding that the existing property will be converted into 5 residential apartment units. The existing building is currently served with a ¾-inch domestic water service; the size of this service is undersized for the proposed use. This service must be terminated by shutting the corporation valve and cutting the pipe from the water main.
- It is the District's understanding that a multi-family home with a NFPA 13R life safety sprinkler system is proposed at this location. A new service may be installed from the water main in Washington Avenue. The service should enter through the properties frontage on Washington Avenue at least 10-feet from any side property lines.
- A new 2-inch domestic service and 4-inch or 6-inch fire service may be installed from the water main in Washington Avenue. The service should enter through the properties frontage on Washington Avenue at least 10-feet from any side property lines.
- Water District approval of final water infrastructure plans will be required for the project prior to construction. As your project progresses, we advise that you submit any preliminary design plans to MEANS for review of the water main and water service line configuration. We will work with you to ensure that the design meets our current standards.
- Once the project is ready for construction, the owner or contractor will need to make an appointment to come in and complete a service application form and pay the necessary fees.



### Existing Site Service

According to District records, the project site does currently have existing water service. A 3/4-inch diameter copper water service line provides water service to this 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 8-inch diameter cast iron water main on the easterly side of Washington Avenue and a public fire hydrant located 60 feet from the site. Recent flow data is not available in this area. The most recent static pressure reading was 86 psi on August 11, 2015.

### 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.

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

Sincerely,  
Portland Water District

A handwritten signature in black ink, appearing to read "Gordon S. Johnson". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Gordon S. Johnson  
Engineering Services Manager