



## Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

June 27, 2016

Mr. John Mahoney  
Ransom Consulting, Inc.  
400 Commercial Street Suite 404  
Portland, ME 04101

Re: 23 Ocean Avenue - Portland  
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 2, 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.

### Conditions of Service

The following conditions of service apply:

- A new 4-inch fire service and 2" domestic service may be installed to the new building from the water main in Hersey Street as shown on a plan entitled Utility Plan for 23 Ocean Avenue. We will need written confirmation from the sprinkler designer that the 2" domestic service tapped off the 4" service is acceptable.
- Based on the fixture count you provided, we have calculated a peak flow of 35 gallons per minute. A 1-inch meter will be adequate for this demand.
- The existing ¾-inch service (SV279107) to that parcel will continue to serve the existing building.
- Water District approval of 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 final plans are approved and 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, located as shown on the attached water service card, 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 12-inch diameter cast iron water main on the southeast side of Ocean Avenue, an 8-inch diameter cast iron water main on the north side of Hersey Street and a public fire hydrant located at the site. Recent flow data is not available in this area. The most recent static pressure reading was 90 psi on April 21, 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

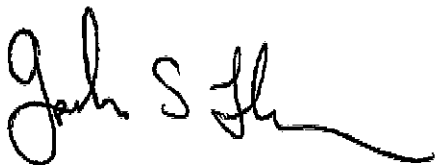
The data noted above indicates there should be adequate pressure and volume of water to serve the domestic water needs of your proposed project. Based on the high water pressure in this area, we recommend that you consider the installation of pressure reducing devices that comply with state plumbing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

Gordon S. Johnson  
Engineering Services Manager

**SERVICE RECORD**

NO. 23 Ocean St.

ST. DIVISION 027

REG. NO. SK279107

Code No. \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

**SERVICE DATA**

**MEASURES**

Size of Pipe 3/4"  
Kind of Pipe Copper  
Main to Stop 1.5'  
Stop to St. Line 8'  
Date 5-27-35  
Mat. on Private Copper  
Depth/Main 5.5 FT  
Depth/Private 6.00  
Shut at Corp. CP

