



## Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

July 26, 2016

Plymouth Engineering Inc.  
30 Lower Detroit Road  
P.O. Box 46  
Plymouth, ME 04969

Attn: Jon Whitten  
Re: 30 Merrill Street - Portland  
Ability to Serve with PWD Water

Dear Mr. Whitten:

The Portland Water District has received your request for an Ability to Serve determination for the noted site submitted on May 11, 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" fire service may be installed from the water main in Merrill Street. A 2-inch domestic service may be tapped off the 4" fire service just before the street line as shown on a plan entitled Seven Unit Building, 30 Merrill Street, Sheet C1. Based on the fixture count you provided, we have calculated a peak flow of 25 gallons per minute. A 3/4" meter will accommodate this flow.
- We will need written confirmation from the sprinkler company that this configuration is acceptable to them.
- The existing building is currently served with a 3/4-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, cutting the pipe from the water main and removing the curb stop.
- 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, 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 8-inch diameter cast iron water main on the southwest side of Merrill Street 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 50 psi on March 4, 2016.

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

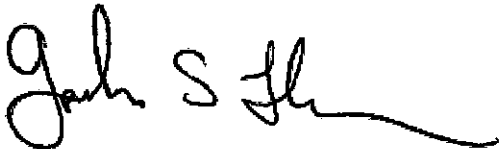
The data noted above indicates there should be adequate pressure and volume of water to serve the domestic water needs of your proposed project.

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

CODE NO. P-6 DISTRICT **PORTLAND**  
 REG. NO. 5347 NO. 30/32 Merrill ST

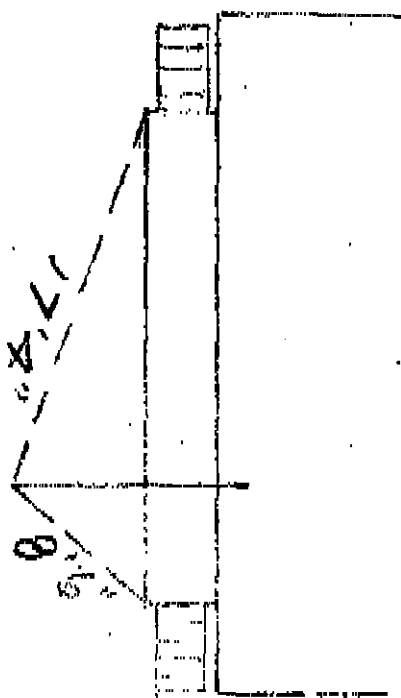
NAME ~~General E. Wheeler~~ Joseph H. Fournier  
 NAME ~~Gregory Hewling~~ Donald W. Fox Robert Davis  
 NAME

| SERVICE RECORD       | RENEWAL RECORDS                         |
|----------------------|---|
| KIND OF PIPE         | KIND OF PIPE <u>Cop.</u>                |
| SIZE OF PIPE         | SIZE OF PIPE <u>3/4"</u>                |
| MAIN TO STOP         | MAIN TO STOP <u>25'</u>                 |
| STOP TO ST. LINE     | STOP TO ST. LINE <u>6'</u>              |
| ST. LINE TO BUILDING | ST. LINE TO BUILDING <u>C.B. - 1926</u> |
| TOTAL LENGTH         | TOTAL LENGTH <u>31'</u>                 |
| DATE                 | DATE <u>May 31, 1938</u>                |
| REMARKS              | REMARKS                                 |

SERVICE SHUT AT CORP.

CLEAN OUT AND REPAIR RECORD

| DATE    | REMARKS                           |
|---------|-----------------------------------|
| 7-15-91 | Cleaned out, ROW cover 8101-10244 |
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PORTLAND WATER DISTRICT