



## Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

January 31, 2018

Jordan D. Young  
Blais Civil Engineers  
27 Gorham Road, Suite 207  
Scarborough, ME 04074

Re: 255 Diamond Avenue, GDI  
Ability to Serve with PWD Water

Dear Mr. Young:

The Portland Water District has received your request for an Ability to Serve Determination for the noted site submitted on January 26, 2018. 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:

- The District can confirm that the supply of domestic water to the Diamond Cove Association, at the point which the Diamond Cove Association is connected to the public system, will be adequate to support the additional use from the proposed restaurant. The District does not have the authority to approve the connection to privately owned infrastructure. Since this will be a private connection, an application and deposit will not be required. However, the development team must contact PWD during construction so that we can verify that proper cross connection containment measures have been taken.
- The existing meter for the Diamond Cove Association is a 6-inch fire service meter with a maximum peak flow of 3,100 gallons per minute. It is the responsibility of the developer to determine that the existing meter has the capacity to support the additional use from the proposed restaurant. Please let us know if a meter upgrade is required to accommodate the additional flow. Since there is one master meter for the entire association, individual billing from the District is not available.

### Existing Site Service

According to District records, the Diamond Cove Association is served through a private water service from the District's water main in Bay Avenue ROW. A 6-inch diameter water service line provides water service to the Diamond Cove Association. 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 within Bay Avenue Right-of-Way and a public fire hydrant located 730 from the Diamond Cove Association connection.



### 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 the proposed restaurant at the point which the Diamond Cove Association is connected to the public system. The District cannot confirm the adequacy of the private piping owned by the Diamond Cove Association. 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 not require water service to provide private fire protection to the site.

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

A handwritten signature in black ink, appearing to read 'Robert A. Bartels', written in a cursive style.

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