

# Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

March 16, 2015

Northeast Civil Solutions, Inc.  
381 Payne Road  
Scarborough, ME 04074

Attn: Travis Letellier  
Re: Pamela Road Extension, Portland  
Ability to Serve with PWD Water

Dear Mr. Letellier:

The Portland Water District has received your request for an Ability to Serve determination for the noted site submitted on March 9, 2015. 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.** Please review this letter for any special conditions specified by the District and to determine the appropriate next steps to take to move your project through the submittal and approval process.

### Existing Site Service

According to District records, the project site does not currently have existing water service.

### Water System Characteristics

According to District records, there is an 8-inch diameter cast iron water main on the east side of Pamela Road and a public fire hydrant located 500-feet from the site.

The current data from the nearest hydrant with flow test information is as follows:

Hydrant Location:	Abby Lane 200' east of Pamela Road	
Hydrant Number:	POD-HYD01389	
Last Tested:	3/19/2012	8/9/1994
Static Pressure:	42 psi	42 psi
Residual Pressure:	Not Measured	34 psi
Flow:	Not Measured	1742 GPM

### Public Fire Protection

You have indicated that this project will include the installation of new public hydrants to be accepted into the District water system. The decision to require new hydrants and to determine their locations is solely that of the local fire department. 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 the proposed 10-lot residential road extension.

### Private Fire Protection Water Needs

It is anticipated 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 the MEANS Division to request a hydrant flow test and we will work with you to get more complete data.

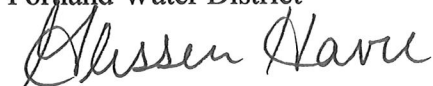
### Conditions of Service

The Portland Water District has reviewed the Pamela Road Extension for conformance with District standards. All comments have been incorporated into the design and the plan has been approved for construction. Please provide any updated plans, should changes impacting the water infrastructure occur before construction. The District will complete all paperwork and agreements necessary for the water main extension upon request.

It is anticipated that residential sprinkler systems will be required. A single service line may be used to serve both domestic and residential fire protection needs. The split for the sprinkler system must be located after the water meter, and must include a non-testable backflow prevention device. Prior to activation of the water service, the sprinkler system designer must provide a peak flow demand (in GPM) to the District so that an appropriate meter size may be determined.

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

Sincerely,  
Portland Water District



Glissen Havu, E.I.  
Design Engineer