



Portland Water District

FROM SEBAGO LAKE TO CASCO BAY

January 17, 2013

Land Design Solutions
160 Longwoods Road
Cumberland, ME 04021

Attn: Peter Biegel, P.E.
Re: Ledgewood Drive Subdivision, Portland/Falmouth
Ability to Serve with PWD Water

Dear Mr. Biegel:

The Portland Water District has received your request for an Ability to Serve determination for the noted site submitted on December 20, 2012. 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 currently have existing water service. An 8-inch diameter ductile iron water main, located as shown on the attached infrastructure map, was extended last year into the frontage of the site to provide water service for this subdivision.

Water System Characteristics

According to District records, there is a 12-inch diameter ductile iron water main on the south side of Ledgewood Drive and a public fire hydrant located approximately 400 feet easterly of the site.

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

Hydrant Location: Slocum Drive, FA
Hydrant Number: FAD-HYD00314
Last Tested: 2/19/2003
Static Pressure: 80 psi
Residual Pressure: Not Tested
Flow: Not Tested



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 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 in the form of NFPA 13D life safety residential sprinkler systems. Please note that per PWD Terms and Conditions, 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 ensure that their design of the fire protection systems can 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

In order to serve the proposed houses, an 8-inch ductile iron water main will be required to extend through the proposed subdivision with dedicated water services installed to each lot. It will be necessary to submit design plans to the District for review as this project progresses.

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

Sincerely,
Portland Water District



Rico Spugnardi, P.E.
Business Development Engineer