



October 24, 2016

Re: Wastewater Capacity Authorization

Address: **23 Ocean Avenue**

Applicant: Stephen & Roberta Cope

Planner: Helen Donaldson

Anticipated Wastewater Flows:

Employees at place of employment with no showers	@ 12 GPD/Employee	11 Employees	132 GPD
Employees at place of employment with showers	@ 20 GPD/Employee	7 Employees	140 GPD
Multiple Family Dwelling Units - 2 Bedroom	180 GPD Per Dwelling Unit (90 GPD / bedroom)	4 Units	720 GPD
<b>Total Anticipated Wastewater Flows</b>			<b>992 GPD</b>

Comments:

The Department of Public Works, which includes the Water Resource Division, have reviewed and determined that the downstream sewer on Hersey Street has the capacity to convey the estimated dry weather wastewater flows which will be generated from this development.

You are reminded that the sewers you are proposing to connect into convey both sanitary and stormwater (Combined Sewer) and therefore a backflow preventer is suggested.

Any addition of stormwater flows in this drainage area will have an impact on discharge volumes at CSO #12 (Vanna Street) into Back Cove. The city is also aware of downstream capacity issues during storm events on the Hersey Street combined sewer, therefore per city ordinance no roof, sump pump or site drainage may be discharged to the combined sewer. It is noted on your Utility & Stormwater Management Plan C-1 the intent to connect the rain garden underdrain into the sewer system. As the location presents no opportunities to connect to a separate storm drain system, the city will allow the connection into the combined sewer and appreciates the effort to incorporate green infrastructure which should see some mitigation to the storm flows entering that system. Further site plan review and comments I believe have been provide separately.

If the City can be of further assistance, please contact me at all 874-8840 or [brad@portlandmaine.gov](mailto:brad@portlandmaine.gov)

Sincerely,

CITY OF PORTLAND

Bradley A. Roland, P.E.  
Senior Project Engineer

CC:

Jeffrey Levine, Director, Department of Planning and Urban Development, City of Portland

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Barbara Barhydt, Development Review Services Mgr., Dep't. of Planning and Urban Development, City of Portland

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John Emerson, Wastewater Coordinator, Portland Department of Public Works

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Scott Firmin, Director of Wastewater, Portland Water District