

From: [Bill Hopkins](#)
To: [Susan Geffers](#)
Subject: FW: Updated Capacity Letter for 68 Commercial Street - Maine Wharf
Date: Monday, June 22, 2015 11:02:47 AM
Attachments: [image001.png](#)
[SKMBT_42315062210460.pdf](#)

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From: Owens McCullough [mailto:omccullough@sebagotechnics.com]
Sent: Monday, June 22, 2015 10:35 AM
To: fjb@portlandmaine.gov
Subject: Updated Capacity Letter for 68 Commercial Street - Maine Wharf

Hi Frank,

Hope all is well. I need you help to obtain an updated "Capacity to Handle Wastewater Flows" for the above project. The Portland Science Center will be moving into 14,000 of the new building constructed at the Maine Wharf. The original letter (see attached letter) was for 2,730 gpd. The revised estimate for wastewater flows for the whole building will be as follows:

Use	Flows	Total Flows
Restaurant	140 seats (20 gpd/seat) + 20 employees(12gpd/employee	3,040 gpd
Science Center	400 people (5 gpd/person) + 15 employees (12 gpd/person)	2,180 gpd
	Total Estimated Flows	5,220 gpd.

Flow estimated are based upon Maine State Wastewater Disposal Rules. The peak usage times will most likely by 11 to 2 p.m. and 5 pm. To 8 p.m.

Thank you, Owens

Owens A. McCullough, P.E., LEED A.P.
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