



July 22, 2016

Re: Wastewater Capacity Authorization

Address: **415 Cumberland Ave**

Applicant: M&A Lowcountry

Planner: Jean Fraser

Anticipated Wastewater Flows:

Employees at place of employment with showers	50 Employees @ 20 GPD/Employee	1000 GPD
Multiple Family Dwelling Units 1 Bedroom	120 GPD Per Dwelling Unit	120 GPD
Multiple Family Dwelling Units 2 Bedroom	90 GPD Per Dwelling Unit	180 GPD
Multiple Family Dwelling Units 3 Bedroom	90 GPD Per Dwelling Unit	270 GPD
	Total Anticipated Wastewater Flows	1570 GPD

Comments:

The Department of Public Works, which includes the Water Resource Division, have reviewed and determined that the downstream sewers from the project address have 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 CSO discharge volumes therefore no roof, sump pump or site drainage may be discharged to the sanitary sewer. It is noted in your email of 2016-07-20 of the intent to remove all roof drains from entering the sewer system based upon previous City comments.

Your email also indicated the potential of increasing the building occupancy by one bedroom based on DHHS interpretation of regulations. Agreeably this will not make a noted impact on the authorization of the wastewater capacity.

Information available in the City's archives indicate the building is served by a 4" vitrified clay pipe installed in 1931 connecting into Cumberland Avenue. This differs from the information you have provided with your application and I would suggest it be investigated/confirmed.

If the City can be of further assistance, please contact me at all 874-8840 or brad@portlandmaine.gov

Sincerely,
CITY OF PORTLAND

A handwritten signature in cursive script that reads "Bradley A. Roland". The signature is written in black ink on a light-colored background.

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

CC:

Jeffrey Levine, Director, Department of Planning and Urban Development, City of Portland
Stuart O'Brien, Planning Director, Department of Planning and Urban Development, City of Portland
Barbara Barhydt, Development Review Services Mgr., Dep't. of Planning and Urban Development, City of Portland

Kathi Earley, City Engineer/Engineering Manager, Portland Department of Public Works

Nancy Gallinaro, Water Resources Manager, Portland Department of Public Works
Rachel Smith, Industrial Pretreatment Coordinator, Portland Department of Public Works
John Emerson, Wastewater Coordinator, Portland Department of Public Works

Lauren Swett, Woodard & Curran, DPW Development Review
Scott Firmin, Director of Wastewater, Portland Water District