

# CITY OF PORTLAND WASTEWATER CAPACITY APPLICATION

Department of Public Services,  
55 Portland Street,  
Portland, Maine 04101-2991



Bradley Roland, P.E.  
Water Resources Division

Date: 2/24/17

## 1. Please, Submit Utility, Site, and Locus Plans.

Site Address: 7 Cumberland Avenue Chart Block Lot Number: 14 - C - 17

Proposed Use: Residential (6-unit)

Previous Use: Residential (2-unit)

Existing Sanitary Flows: \_\_\_\_\_ GPD

Existing Process Flows: \_\_\_\_\_ GPD

Description and location of City sewer that is to receive the proposed building sewer lateral.

Existing latera; in Cumberland Ave.

Site Category	Commercial ( <i>see part 4 below</i> )	<input type="checkbox"/>
	Industrial ( <i>complete part 5 below</i> )	<input type="checkbox"/>
	Governmental	<input type="checkbox"/>
	Residential	<input checked="" type="checkbox"/>
	Other ( <i>specify</i> )	<input type="checkbox"/>

*Clearly, indicate the proposed connections, on the submitted plans.*

## 2. Please, Submit Contact Information.

City Planner's Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Owner/Developer Name: Banner Properties

Owner/Developer Address: 126 Underwood Road, Falmouth, ME 04105

Phone: 332-3038 Fax: \_\_\_\_\_ E-mail: mboisso1@maine.rr.com

Engineering Consultant Name: Plymouth Engineering Inc. - Jon Whitten, Jr. PE

Engineering Consultant Address: PO Box 46, Plymouth, ME

Phone: 257-2071 Fax: 257-2130 E-mail: jon.whitten@plymouthengineering.com

*Note: Consultants and Developers should allow +/- 15 days, for capacity status, prior to Planning Board Review.*

## 3. Please, Submit Domestic Wastewater Design Flow Calculations.

Estimated Domestic Wastewater Flow Generated: 120 X 6 = 720 GPD

Peaking Factor/ Peak Times: 21.6 gallons per minute peak domestic flow

Specify the source of design guidelines: (*i.e.* "Handbook of Subsurface Wastewater Disposal in Maine," "Plumbers and Pipe Fitters Calculation Manual," Portland Water District Records, Other (*specify*) \_\_\_\_\_)

*Note: Please submit calculations showing the derivation of your design flows, either on the following page, in the space provided, or attached, as a separate sheet.*

**4. Please, Submit External Grease Interceptor Calculations.**

Total Drainage Fixture Unit (DFU) Values: \_\_\_\_\_  
Size of External Grease Interceptor: \_\_\_\_\_  
Retention Time: \_\_\_\_\_  
Peaking Factor/ Peak Times: \_\_\_\_\_

*Note: In determining your restaurant process water flows, and the size of your external grease interceptor, please use The Uniform Plumbing Code. Note: In determining the retention time, sixty (60) minutes is the minimum retention time. Note: Please submit detailed calculations showing the derivation of your restaurant process water design flows, and please submit detailed calculations showing the derivation of the size of your external grease interceptor, either in the space provided below, or attached, as a separate sheet.*

**5. Please, Submit Industrial Process Wastewater Flow Calculations**

Estimated Industrial Process Wastewater Flows Generated: \_\_\_\_\_ GPD  
Do you currently hold Federal or State discharge permits? Yes \_\_\_ No \_\_\_  
Is the process wastewater termed categorical under CFR 40? Yes \_\_\_ No \_\_\_  
OSHA Standard Industrial Code (SIC): \_\_\_\_\_ (<http://www.osha.gov/oshstats/sicser.html>)  
Peaking Factor/Peak Process Times: \_\_\_\_\_

*Note: On the submitted plans, please show where the building's domestic sanitary sewer laterals, as well as the building's industrial-commercial process wastewater sewer laterals exits the facility. Also, show where these building sewer laterals enter the city's sewer. Finally, show the location of the wet wells, control manholes, or other access points; and, the locations of filters, strainers, or grease traps.*

*Note: Please submit detailed calculations showing the derivation of your design flows, either in the space provided, or attached, as a separate sheet.*

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