CITY OF PORTLAND WASTEWATER CAPACITY APPLICATION

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

Date: 6/2/16

Mr. Frank J. Brancely,
Senior Engineering Technician,
Phone #: (207) 874-8832,
Fax #: (207) 874-8852,
E-mail:fjb@portlandmaine.gov

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

Site Address: 23 Ocean Ave, Portland, Maine, 04103

Chart Block Lot Number: 129 G001

Proposed Use: Residential & Commercial

Previous Use: Commercial

Existing Sanitary Flows: 140 GPD

Existing Process Flows: 0 GPD

Description and location of City sewer that is to receive the proposed building sewer lateral.
Existing Ocean Ave Gravity Sewer

Site Category		
	Commercial *(see part 4 below)*	X
	Industrial *(complete part 5 below)*	
	Governmental	
	Residential	X
	Other *(specify)*	

(Clearly, indicate the proposed connections, on the submitted plans)

2. Please, Submit Contact Information.

City Planner's Name: _____ Phone: _____

Owner/Developer Name: Steven & Roberta Cope

Owner/Developer Address: 172 Concord Street, Portland, ME, 04103

Phone: 207 939-3326 Fax: E-mail: adcope1@yahoo.com

Engineering Consultant Name: John Mahoney, Ransom Consulting

Engineering Consultant Address: 400 Commercial Street, Portland, ME, 04101

Phone: 207 772 2891 Fax: _____ E-mail: john.mahoney@ransomenv.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: 992 GPD

Peaking Factor/ Peak Times: _____

Specify the source of design guidelines: *(i.e.*X*"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: NA

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: NA 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 below, or attached, as a separate sheet)

Notes, Comments or Calculation

23 Ocean Avenue Sewer/Water Capacity Estimate

Dwelling Unit Type	Qty	Total Bedrooms	Flow per Bedroom (GPD)	Design Flow (GPD)
Two-bedroom	4	8	90	720
			Subtotal:	720

Commercial Space Type	Qty	Number of Employees	Flow per employee (GPD)	Design Flow (GPD)
Office - no shower		11	12	132
Office w/ shower (existing)		7	20	140
			Subtotal:	272
			Total:	**992**