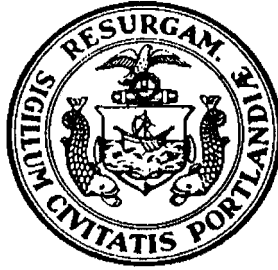


CITY OF PORTLAND WASTEWATER CAPACITY APPLICATION

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



Bradley Roland, P.E.
Water Resources Division

Date: 10/10/2017

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

Site Address: 24 St. Lawrence Street

Chart Block Lot Number: 16-J-006

Proposed Use: Residential

Previous Use: Residential

Existing Sanitary Flows: 630 GPD

Existing Process Flows: 0 GPD

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

18" Brick combined sewer within St.

Lawrence to be tapped into with 6" sanitary

lateral and 8" storm drain as seen on C-20

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

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"/>

2. Please, Submit Contact Information.

City Planner's Name: TBD

Owner/Developer Name: HR Property Management

Owner/Developer Address: 192 State Street, Portland, ME 04101

Phone: (207) 671-1193 Fax: N/A E-mail: will@hrpmanagement.com

Engineering Consultant Name: Acorn Engineering, Inc

Engineering Consultant Address: P.O. Box 3372, Portland, ME 04104

Phone: (207) 775-2655 Fax: N/A E-mail: wsavage@acorn-engineering.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: 990 GPD

Peaking Factor/ Peak Times: Diurnal Flow pattern

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) State of Maine Subsurface Wastewater Disposal Rules, Effective 8/13/15

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.

Calculation of Wastewater Flowrate for 24 St. Lawrence Street Redevelopment

The proposed development will include 5 dwelling units. Based upon the Section 4 of the Maine Subsurface Wastewater Disposal Rules, the project anticipates the following daily flows:

Estimate of Anticipated Daily Flows				
Development	Unit Size	Number of Units	Gallons per Day per Unit	Total Gallons per Day
Existing Flow				
Residential Units	3-Bedroom	1	270	270
Residential Units	4-Bedroom	1	360	360
Total Gallons per Day (Existing)				630
Proposed Flow				
Residential Units	2-Bedroom	4	180	720
Residential Units	3-Bedroom	1	270	270
Total Gallons per Day (Proposed)				990
Net Change				+360
*Values based on STATE OF MAINE: SUBSURFACE WASTEWATER DISPOSAL RULES, most recent edition				

