TAB 3

CITY OF PORTLAND WASTEWATER CAPACITY APPLICATION

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

Date: 4/11/16

David Margolis-Pineo
Deputy City Engineer
207-874-8850
207-400-6696
dmp@portlandmaine.gov

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

Site Address: 62 India Street

Chart Block Lot Number: Map 28, Lot P008, P009, P015, P019, P020

Proposed Use: Retail / Residential
Previous Use: Parking Lot / commercial
Existing Sanitary Flows: — GPD From Port
Existing Process Flows: — GPD City Glass
Description and location of City sewer that is to receive the proposed building sewer lateral.
India Street Sewer Main

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

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

2. Please, Submit Contact Information.

City Planner's Name: Caitlyn Cameron Phone: 874 8300
Owner/Developer Name: India Newbury Residences LLC
Owner/Developer Address: 35 Fay St. Boston MA 02118
Phone: 617.482.3006 Fax: — E-mail: joedasco@comcast.net
Engineering Consultant Name: Sebago Technics Inc
Engineering Consultant Address: 75 John Roberts Rd. So Portland ME
Phone: 207.200.2100 Fax: — E-mail: lxonway@sebagotechnics.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: 4470 GPD
Peaking Factor/ Peak Times: N/A
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.

Flow Calculations

Retail – 15 employees	@ 12 gpd ea	= 180 gpd	
(14) 1 bedroom units	@ 120 gpd	= 1680 "	
(10) 2 " "	@ 180 "	= 1800 "	
(5) 3 " "	@ 270 "	= 810 "	
		4470	TOTAL GPD

4. Please, Submit External Grease Interceptor Calculations.

Total Drainage Fixture Unit (DFU) Values: TBD
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: N/A 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.