CITY OF PORTLAND WASTEWATER CAPACITY APPLICATION

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

Date: Revised 9/25/15



Mr. Frank J. Brancely, Senior Engineering Technician, Phone #: (207) 874-8832, Fax #: (207) 874-8852,

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1. Please, Submit Utility, Site, and Locus Plans.Site Address:81 Industrial Way

				Chart Block Lot I	Number:	326/C/5	
Proposed Use:	Incidental	Accessory					
Previous Use:	Vacant			ory	Comme	rcial (see part 4 below)	
Existing Sanitary	Flows:	0	GPD	ateg	Industria	al (complete part 5 below)	
Existing Process	Flows:	0	GPD	Ö	Governr	mental	
Description and location of City sewer that is to			Site	Residen	itial		
receive the proposed building sewer lateral.				Other (s	pecify)	\boxtimes	
Existing manhole in Industrial Way							

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

2. Please, Submit Contact Inf	formation.					
City Planner's Name: Jean F	Phone:					
Owner/Developer Name:	Drew Sigfrids	son				
Owner/Developer Address:	One Canal Pl	aza Portland, MB	Ξ			
Phone: 207-772-1333	Fax: 8	388-316-0744	E-mail:	dsigfridson@boulos.com		
Engineering Consultant Name:	Sebago T	echnics, Inc. att	n: Richaro	d Meek, P.E.		
Engineering Consultant Address:	75 John F	75 John Roberts Road, Suite 1A, South Portland, ME 04106				
Phone: 207-200-2075	Fax:	207-856-2206	E-mail:	rmeek@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:

2,000 GPD

Peaking Factor/ Peak Times: 2,000 GPD / 16 hours/day / 60 min/hour x 6 = 12.5 GPM

Specify the source of design guidelines: (i.e. 🛛 "Handbook of Subsurface Wastewater Disposal in Maine,"

(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:	N/A			
Size of External Grease Interceptor:	N/A			
Retention Time:	N/A			
Peaking Factor/ Peak Times:	N/A			

(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 below, or attached, as a separate sheet)

Notes, Comments or Calculation

Assembly Areas: 2 gpd per person - 75 employees Fitness Areas: 50 gal per 100 sq. ft. - 3,500 sq. ft. Warehouse: greater of 100 gpd or 12 gpd per employee - 100 gpd

(75 employees x 2 gpd/employee) + (3,500 sq. ft/100 sq. ft. x 50 gpd) + (100 gpd) = 2,000 gpd