CITY OF PORTLAND WASTEWATER CAPACITY APPLICATION

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

Date: October 29, 2013

Mr. Frank J. Brancely,
Senior Engineering Technician,
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1. Please, Submit Utility, Site, and Locus Plans.

Site Address: 46 Market Street

Chart Block Lot Number: 032/ E010/ 001

Proposed Use: 2nd Flr: Residential / 3rd Flr: Residential
Previous Use: 2nd Flr: Office / 3rd Flr: Residential
Existing Sanitary Flows: 560 ± GPD
Existing Process Flows: _____ GPD
Description and location of City sewer that is to receive the proposed building sewer lateral.

_____

_____

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: _____ Phone: _____
Owner/Developer Name: Tom Watson - Market Milk Partners, LLC. (dba Port Property Management)
Owner/Developer Address: 104 Grant Street, Portland, Maine 04101
Phone: 207.771.2883 Fax: 207.252.0358 (mobile) E-mail: tom@portpropmgt.com
Engineering Consultant Name: ALBERT FRICK ASSOC. (JAMES LOGAN)
Engineering Consultant Address: 95A COUNTY ROAD GORHAM, ME 04038
Phone: 839-5563 Fax: 8395564 E-mail: james@albertfrick.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: 600± GPD
Peaking Factor/ Peak Times: _____
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. N/A

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 N/A

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 below, or attached, as a separate sheet)

STATE OF MAINE
JAMES LOGAN #237
LICENSED SITE EVALUATOR

Notes, Comments or Calculation

EXISTING USES:

SECOND FLOOR OFFICES 19 EMPLOYEES TOTAL
w/ bathrooms w/ showers @ 20 GPD/ Employee

19 x 20 = 380 gpd

THIRD FLOOR
(1) 2 BEDROOM UNIT (RESIDENTIAL) @ 180 gpd

380 + 180 = 560 gpd total existing use

PROPOSED USE: SECOND FLOOR
3 RESIDENTIAL UNITS (1 BEDROOM EACH)
(@ 120 gpd/ea = 3 x 120 = 360 gpd

THIRD FLOOR 2 RESIDENTIAL UNITS @ 1 BEDROOM EA,
2 x 120 gpd = 240 gpd

360 + 240 = 600 gpd total
estimate flow