CITY OF PORTLAND WASTEWATER CAPACITY APPLICATION

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 10/15/15

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,
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E-mail:fjb@portlandmaine.gov

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

Site Address: **81 Industrial Way**

Chart Block Lot Number: **326/C/5**

Proposed Use: **Incidental Accessory**

Previous Use: **Vacant**

Existing Sanitary Flows: **0** GPD

Existing Process Flows: **0** GPD

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

Existing manhole in Industrial Way

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: **Jean Fraser** Phone:

Owner/Developer Name: **Drew Sigfridson**

Owner/Developer Address: **One Canal Plaza Portland, ME**

Phone: **207-772-1333** Fax: **888-316-0744** E-mail: **dsigfridson@boulos.com**

Engineering Consultant Name: **Sebago Technics, Inc. attn: Richard Meek, P.E.**

Engineering Consultant Address: **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," ☐ "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: **N/A**

Size of External Grease Interceptor: **N/A**

Retention Time: **N/A**

Peaking Factor/ Peak Times: **N/A**

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(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