27: AVAILABILITY AND ADEQUACY OF PUBLIC UTILITIES (14-526 (c) 3)
Technical Manual, Sections 2 & 9

Electrical services, including providing underground services

Electrical service will extend underground to the new building from a new utility pole within the Riverside Street right-of-way. See enclosed plan set.

Identify existing and proposed connections for public utilities and required public utility upgrades

See enclosed plan set.

Sewer line connections are required, if there is a main within 200 feet

The proposed sewer service with extend to the new building from the existing sanitary sewer infrastructure located within Evergreen Drive.

Proposed solid waste management facilities on-site and management for the site

Solid waste disposal for the proposed new facility will be provided by contract with a licensed private waste hauler. The dumpster is located between the buildings.

Written evidence of the ability to serve from utility companies, as applicable

Please refer to correspondence regarding water, sewer and gas service found in this section.

SEBAGO TECHNICS

18002
November 26, 2018

Christopher Branch, Director
Public Works
250 Canco Road
Portland, ME 04103

Request for Acceptance of Sanitary Sewage Flows
2 Evergreen LLC
2 Evergreen Drive, Portland
Tax Chart 329-Lot 1, Tax Chart 331-Lot 3

Dear Mr. Branch:

On behalf of applicant Evergreen Drive, LLC, we respectfully request that the City of Portland accept the sanitary sewer flows associated with the development of the proposed warehouse facility at 2 Evergreen Drive. There is an existing building on site which discharges into a manhole in Riverside Drive.

Enclosed with this letter are relevant plans from the current plan set depicting the existing and proposed sanitary sewer design and construction details. The proposed new design includes extending the 6" sewer service to an existing manhole in Evergreen Drive. This construction will occur after the moratorium on Evergreen Drive.

Based upon the design flow calculations from the State of Maine Subsurface Wastewater Disposal Rules, we anticipate sanitary flow of 100 gpd from the proposed warehouse facility.

Warehouse: 100 gpd or 12 gpd per employee, whichever is greater

As such, we respectfully request approval from the City to accept the sanitary flow of 100 gpd from the proposed warehouse facility.

With the inclusion of the enclosed plans, we are hopeful that we have provided sufficient information to allow the City to review the proposed development and to agree to accept the proposed sanitary sewer flows from this development. In the interim, please call with any questions or comments. Thank you for your consideration.

Sincerely,

SEBAGO TECHNICS, INC.

Amber R. Ferland, P.E.

Att.
cc: 2 Evergreen LLC

CITY OF PORTLAND WASTEWATER CAPACITY APPLICATION

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

Date: _____

Bradley Roland, P.E.
Water Resources Division

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

Site Address: 2 Evergreen Drive, Portland

Chart Block Lot Number: 329-A-1, 331-A-3

Proposed Use: exist. building = warehouse/manufacturing
Previous Use: warehouse/manufacturing facility
Existing Sanitary Flows: _____ 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)*	X
	Industrial *(complete part 5 below)*	
	Governmental	
	Residential	
	Other *(specify)*	

The building lateral will be connected to the existing main located within the existing sewer easement. +/- 442 LF of 6" service line and two new SMH will be installed as part of the proposed connection. See enclosed Utility Plan.

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

2. Please, Submit Contact Information.

City Planner's Name: TBD, Not Assigned Phone: (207) 874-8719, Portland Planning
Owner/Developer Name: 2 Evergreen LLC c/o Rob Derrey
Owner/Developer Address: 2 Evergreen Drive, Portland, ME 04103
Phone: _____ Fax: _____ E-mail: rob.derrey@gmail.com
Engineering Consultant Name: Sebago Technics, Inc. c/o Amber Ferland, P.E.
Engineering Consultant Address: 75 John Roberts Road, Suite 4A, S. Portland, ME 04106
Phone: (207) 200-2095 Fax: (207) 856-2206 E-mail: aferland@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: 100 GPD or 12 GPD/employee whichever is greater
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)* Maine Subsurface Wastewater Disposal Rules

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.

Warehouse: 100 gpd or 12 gpd per employee, whichever is greater
Less than 8 employees, therefore selected flow = 100 GPD.

4. Please, Submit External Grease Interceptor Calculations.

Total Drainage Fixture Unit (DFU) Values: Does not apply

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: Does not apply 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.

From: Amber Ferland
Sent: Thursday, September 20, 2018 8:49 AM
To: Daniel Scala
Cc: 18002
Subject: RE: 2 Evergreen Drive Ability to Serve (SR424329)

Thank you!

Amber Ferland, P.E. *Project Engineer*
Office: 207.200.2100 | Direct: 207.200.2095
75 John Roberts Rd., Suite 4A, South Portland, ME 04106
aferland@sebagotechnics.com | www.sebagotechnics.com
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From: Daniel Scala <dscala@pwd.org>
Sent: Thursday, September 20, 2018 8:47 AM
To: Amber Ferland <aferland@sebagotechnics.com>
Subject: 2 Evergreen Drive Ability to Serve (SR424329)

Hello Ms. Ferland,

We have processed your ability to serve request and have determined that we will be able to supply water to the properties mentioned in the attached letter. Please note that the curb stop will need to be placed 6" from the property line within the public right of way, not on private property as shown on the attached plan.

The next step would be for you to contact the MEANS department to set up a time to come in and complete a service application for the properties. The MEANS department can be reached by email at MEANS@pwd.org or by phone at (207)774-5961 Ext. 3199. Please don't hesitate to contact us if you need any more information.

Thanks,
Dan Scala

Daniel Scala
Associate Engineer
Portland Water District
Phone:
E-mail: dscala@pwd.org
http://www.pwd.org

From: Amber Ferland
Sent: Thursday, August 09, 2018 2:33 PM
To: Deane, James
Cc: Paul Ostrowski; 18002; Kylie Mason
Subject: RE: 2 Evergreen Drive
Attachments: 18002U-U.pdf

Hi James! Thanks for letting me know. Attached in the utility plan we have currently. I will follow up with you hopefully within a week or two on the final plans so that you are aware of what's going on.

Thanks again for meeting us there!

Amber Ferland, P.E. *Project Engineer*
Office: 207.200.2100 | Direct: 207.200.2095
75 John Roberts Rd., Suite 4A, South Portland, ME 04106
aferland@sebagotechnics.com | www.sebagotechnics.com
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From: Deane, James <deanej@unitil.com>
Sent: Thursday, August 9, 2018 2:22 PM
To: Amber Ferland <aferland@sebagotechnics.com>
Subject: 2 Evergreen Drive

Hi Amber,

I just wanted to follow up with you and confirm that we do have a main line running on the other side of Riverside Street. So this is an option we're able to pursue if we want to.

Thank you,

James Deane
Business Development Representative

Unitil
376 Riverside Industrial Parkway
Portland, ME 04103

T207.541.2506

www.unitil.com