

## N. Calculation of Wastewater Flowrate for 145 Washington Ave. Redevelopment

The proposed project will include the development of two stories with a sauna/bathhouse on the first floor and a residence on the second floor. Based upon the Section 4 of the Maine Subsurface Wastewater Disposal Rules, the project anticipates the following daily flows:

<b>Estimate of Design Flows</b>			
<b>Classification of Water Demand</b>	<b>Number of Units</b>	<b>Gallons per Day per unit</b>	<b>Total Gallons per Day</b>
<i>Proposed</i>			
Swimming pool, Bathhouses & Spas	4 (toilets)	250	1,000
Single-Family Residential (1-bedroom)	1 (dwelling unit)	180	180
<i>Existing</i>			
Single-Family Residential (2-bedroom)	1 (dwelling unit)	180	180
<b>Total Proposed</b>			<b>1,180</b>
<b>Total Existing</b>			<b>180</b>
<b>Net Change</b>			<b>+1,000 GPD</b>
*Values based on STATE OF MAINE: SUBSURFACE WASTEWATER DISPOSAL RULES, most recent edition			

As seen the estimated increase in daily flow is 1,000 gallons. A 6" sewer service is proposed to connect to the main beneath the Washington Ave. sidewalk.

