

PROJECTED SEWER DEMAND SUMMARY

Beacon Unitarian Universalist Congregation

Summit, Union County, New Jersey

July 1, 2025

Langan Project No. 101007201

USE	TOTAL AREA (SF)	QUANTITY	UNIT FLOW	ANTICIPATED DEMAND (gpd)
PROPOSED SEWER DEMAND				
Proposed				
Proposed Church	18,007 SF	236 Seats	3 gpd/seat	708 gpd
<i>Proposed Subtotal</i>				<i>708 gpd</i>
Existing				
Existing Office	5,980 SF	0.10 gpd	598 gpd	598 gpd
<i>Existing Subtotal</i>				<i>598 gpd</i>
PROPOSED SEWER DEMAND				110 gpd

Notes:

1. Unit flow calculation criteria in accordance with N.J.A.C. 7:14A-23.
2. Existing building is 2-story office building totaling approximately 5,980 ±SF.
3. Total building GSF is 18,007 SF (First Floor: 11,430 SF; Second Floor: 3,388 SF; Basement: 3,189 SF).