

Project No. WRNUL23001
Date: 9/27/2024

Projected Water Demands
Princeton Nurseries Mixed Used Development
Block 102 Lots 5 and 6 and Block 10 Lot 1
Plainsboro Township, Middlesex County

Residential Demand Projection:

Unit Ea.	Type	Demand Per Unit gpd / unit	Average Daily Demand gpd
	Single Family Homes		
249	3 Bedroom	225	56,025.00
	Townhouses		
18	1 Bedroom	120	2,160.00
132	2 Bedroom	140	18,480.00
109	3 Bedroom	200	21,800.00
	Apartements		
181	1 Bedroom	95	17,195.00
227	2 Bedroom	140	31,780.00
24	3 Bedroom	215	5,160.00
	Sub-total Residential Demand		152,600.00

Non-Residential Demand Projection

Quantity	Use	Demand Per Unit gpd / unit	Average Daily Demand gpd
	Hotel		
125	Rooms	75	9,375.00
	Restaurants		
764	Seats (1 Seating)	10	7,640.00
	Retail/ Office		
29,085	Lobby (SF)	0.125	3,635.63
175,545	Retail (SF)	0.125	21,943.13
80,080	Office (SF)	0.125	10,010.00
30,000	Grocery (SF)	0.125	3,750.00
32,320	Support (SF)	0.125	4,040.00
	Sub-total Non-Residential Demand		60,393.75

Total Average Daily Water Demand (gpd) 212,993.75


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