



Date: 12/16/2020
 Project: Monarch Mahwah
 Project No: 3370-99-001

SANITARY SEWER & WATER FLOW ANALYSIS

Projected Sanitary Sewer Flow Criteria [N.J.A.C. 7:14A-23.3]		
1-Bedroom Residential Dwellings		150 GPD/DU
2-Bedroom Residential Dwellings		225 GPD/DU
3-Bedroom or Larger Residential Dwellings		300 GPD/DU
1-Bedroom Age-Restricted Residential Dwellings		110 GPD/DU
2-Bedroom Age-Restricted Residential Dwellings		170 GPD/DU
3-Bedroom or Larger Age Restricted Residential Dwellings		225 GPD/DU
Retail /Office		0.100 GPD/SF
USE	UNIT	FLOW
1-Bedroom Residential Dwellings	72 DU	10,800 GPD
2-Bedroom Residential Dwellings	21 DU	4,725 GPD
3-Bedroom or Larger Residential Dwellings	4 DU	1,200 GPD
1-Bedroom Age-Restricted Residential Dwellings	75 DU	8,250 GPD
2-Bedroom Age-Restricted Residential Dwellings	2 DU	340 GPD
3-Bedroom or Larger Age Restricted Residential Dwellings	1 DU	225 GPD
Retail	7,956 SF	796 GPD
Total Proposed Sanitary Sewer Flow:		26,336 GPD

Projected Water Demand Generation [R.S.I.S. 5:21-5.2] & [N.J.A.C. 7:10-12.6(b)]		
1-Bedroom Residential Dwellings		120 GPD/DU
2-Bedroom Residential Dwellings		175 GPD/DU
3-Bedroom Residential Dwellings		270 GPD/DU
4-Bedroom Residential Dwellings		350 GPD/DU
1-Bedroom Assisted Living Facility		75 GPD/DU
2-Bedroom Assisted Living Facility		150 GPD/DU
3-Bedroom Assisted Living Facility		225 GPD/DU
4-Bedroom Assisted Living Facility		300 GPD/DU
Retail /Office		0.125 GPD/SF
USE	UNIT	FLOW
1-Bedroom Residential Dwellings	72 DU	8,640 GPD
2-Bedroom Residential Dwellings	21 DU	3,675 GPD
4-Bedroom Residential Dwellings	4 DU	1,400 GPD
1-Bedroom Assisted Living Facility	75 DU	5,625 GPD
2-Bedroom Assisted Living Facility	2 DU	300 GPD
4-Bedroom Assisted Living Facility	1 DU	300 GPD
Retail	7,956 SF	995 GPD
Total Proposed Water Flow:		20,935 GPD