

Project Number: 2023-021  
Project Name: Camden Tract  
Date: 10-25-2023

Unit Contributory Loadings per Year per Connection Point:

*Standard SCDHEC Standards for Wastewater Facility Construction (R.61-67, Appendix A)*

• Sewer Flow to Connection #1 (Tie-in at Manhole 32 on Sewer Panel E-014):

- 2025 - (16) SFR Lots @ 300 GPD/Lot = 4,800 GPD
- 2026 - (68) SFR Lots @ 300 GPD/Lot = 20,400 GPD
- 2027 - (26) SFR Lots @ 300 GPD/Lot = 7,800 GPD
- 2028 - (18) SFR Lots @ 300 GPD/Lot = 5,400 GPD
- 2029 - (06) SFR Lots @ 300 GPD/Lot = 1,800 GPD

Total Sewer Flow to Manhole 32 at the end of 2029 = 40,200 GPD

• Sewer Flow to Connection #2 (Tie-in at Manhole 27 on Sewer Panel E-014):

- 2026 - (27) SFR Lots @ 300 GPD/Lot = 8,100 GPD
- 2026 - (1) Amenity Center @ 1,500 GPD/Center = 1,500 GPD
- 2027 - (100) SFR Lots @ 300 GPD/Lot = 30,000 GPD
- 2028 - (110) SFR Lots @ 300 GPD/Lot = 33,000 GPD
- 2029 - (111) SFR Lots @ 300 GPD/Lot = 33,300 GPD
- 2030 - (103) SFR Lots @ 300 GPD/Lot = 30,900 GPD
- 2031 - (50) SFR Lots @ 300 GPD/Lot = 15,000 GPD
- 2032 - (34) SFR Lots @ 300 GPD/Lot = 10,200 GPD

Total Sewer Flow to Manhole 27 at the end of 2032 = 162,000 GPD

• Sewer Flow to Connection #3 (Tie-in at Manhole 01 on Sewer Panel F-013):

- 2029 - (23) SFR Lots @ 300 GPD/Lot = 6,900 GPD
- 2030 - (40) SFR Lots @ 300 GPD/Lot = 12,000 GPD
- 2031 - (48) SFR Lots @ 300 GPD/Lot = 14,400 GPD
- 2032 - (15) SFR Lots @ 300 GPD/Lot = 4,500 GPD

Total Sewer Flow to Manhole 01 at the end of 2032 = 37,800 GPD

Total Overall Sewer Flow for WWTP at the end of 2032 = 240,000 GPD

