

Table 5: CPTSA Buildout Analysis		
Name of Facility:	Carneys Point Township SA	
1. Existing or proposed facility:	Existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ 0021601	
3. Discharge to ground water (DGW) or surface water (DSW):	DSW- A	
4. Receiving water or aquifer:	Delaware River	
5. Classification of receiving water or aquifer:	Mainstem Delaware-Zone 5	
6. Owner of facility:	Carneys Point Township Sewerage Authority	
7. Operator of facility:	Carneys Point Township Sewerage Authority	
8. Co-Permittee of facility (<i>where applicable</i>):	N/A	
9. Location of facility:		
a. Municipality & County	Carneys Point Twp, Salem County	
b. Street address	Cleveland & E Streets Carneys Point, NJ 08069	
c. Block(s) and Lot(s)	Block 157, Lot 2	
10. Location of discharge (i.e. degrees, minutes, seconds):	a. Longitude 75°21'32" b. Latitude 39°42'40" or c. State Plane Coordinates x 217730; y 321273	
11. Present permitted flow or permit condition (DSW) or daily maximum (DGW):	1.3 MGD	
*12. Summary of population served/to be served including major seasonal fluctuations:	Current (Year 2021) Population	Future Population (Full Buildout)
Municipality: Carneys Point	5,416	15,033
Municipality: Oldmans Twp	Commercial Only	Commercial Only
Total	5,416	15,033
13. Summary of wastewater flow received/to be received as a 30-day average flow for DSW or a daily maximum flow for DGW:	Current Year Flow (2021) MGD	Full Buildout Flow MGD
<u>Municipality:</u>	Carneys Point	Carneys Point
Residential flow	0.647	1.700
Commercial flow	0.237	1.985
Industrial flow	0.034	0.099
Infiltration/Inflow	N/A	N/A
Municipal Total	0.917	3.784
<u>Municipality:</u>	Oldmans Twp	Oldmans Twp**
Residential flow	0.000	0.000
Commercial flow	0.055	0.163
Industrial flow	0.000	0.000
Infiltration/Inflow	N/A	N/A
Municipal Total	0.055	0.163
Facility Total	0.972	3.947

Based on the projected development in the sewer service area, this facility will need to be expanded at some point in the future. No expansion is currently proposed, however, at the time an expansion of the wastewater treatment facility permitted flow is needed, an amendment of the WQM Plan would be necessary.

*Source: ACS 2021: Population estimates obtained by multiplying Existing/Projected Households by 2.43 persons per HH;

**Future flows for Oldmans Twp are based on full use of the sewer allocations for the Gateway Business Park (123,000 gpd) and the NJ Turnpike Rest Area (40,000 gpd)