



City of Poquoson

Water Source Overview

The major water source is purchased water. Newport News Waterworks (NNW) provides water service to approximately 400,000 people in the Peninsula sub-region of Hampton Roads, including the City of Poquoson. Water use and projected demand data for the City of Poquoson is included in the totals for NNW.

***Table 1:** Reported (2010) and projected (2040) water use by system type for Poquoson in MGD

Water Use by System Type

There are no reported users of private groundwater wells for residential water supply. All tables and graphs represent reported water use including Sales to other localities, if applicable.

***Figure 1:** Percentage of reported water use by system type in 2010 (No use data shown on graph if less than .01 MGD: Refer to Table 1)

***Figure 2:** Disaggregated water use percentages for Community Water Systems in 2010 (No graph shown if no disaggregated use data reported)

***Table 2:** Reported (2010) and projected (2040) groundwater and surface water use for Poquoson in MGD

	Reported 2010	Projected 2040	Projected 2040
Reported 2010 Groundwater Use (MGD)	Surface Water Use (MGD)	Groundwater Use (MGD)	Surface Water Use (MGD)
0.00	0.00	0.00	0.00

***Figure 3:** Poquoson highlighted in the Commonwealth of Virginia



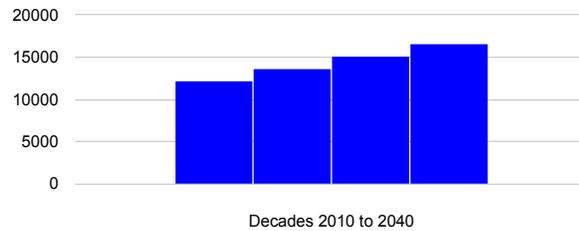
Projected Water Demand

Population is projected to increase through the planning period. Supplies are expected to meet projected demands in the HRPDC region through 2050.

***Table 3:** Poquoson population projections by decade from 2010 to 2040 (data gathered from VEC projections - 05/20/13)

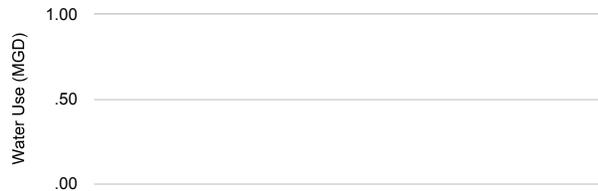
2010	2020	2030	2040	% Change (2010-2040)
12,150	13,623	15,167	16,604	33.3%

***Figure 4:** Poquoson population projections by decade for 2010, 2020, 2030 & 2040



***Table 4 & Figure 5:** Poquoson water demand trends by decade for 2010, 2020, 2030 & 2040 in MGD

Reported Use 2010 MGD	Projected Use 2020 MGD	Projected Use 2030 MGD	Projected Use 2040 MGD	Percent Change (2010-2040)
0.00	0.00	0.00	0.00	%



Drought Management Practices

The City adopted a “water supply emergency ordinance” for the implementation and enforcement of the Drought Response and Contingency Plan. (Hampton Roads PDC Regional WSP)