

West Piedmont PDC – Stakeholder Workshop 1

Workstation 4 – Demand Projections Overview

9 VAC 25-780-100. Projected Water Demand Information

Workstation 4 Goals

- Become familiar with 9 VAC 25-780-100 of the regulation.
- Become familiar with demand projection methodology used to estimate future water demand for the region.
- Review two draft examples of water demand projections for the region.

Regulatory Requirements

The Regional Water Supply Plan will include projections of future water demand as required by 9 VAC 25-780-100. A summary of the requirements of 9 VAC 25-780-100 is provided below.

- Estimate water demand in the region 30-50 years in the future.
- Estimate future water use at the beginning of each decade.
- Estimate future water use for each of the following:
 - Public Community Water Systems
 - Private Community Water Systems
 - Self-Supplied Users
 - Agricultural Users
 - Individual Well Users

Demand Projection Methodology

Please refer to the handout outlining the demand projection methodology. The demand projection methodology being used for the region has been discussed with and approved by the Virginia Department of Environmental Quality.

Example Demand Projections (Draft)

Draper Aden Associates is currently working on demand projections for the region. Draft demand projections for the City of Martinsville and Henry County are provided as examples. The City of Martinsville represents projected demands for a more urban area in the region and Henry County represents projected demands for a more rural area in the region.