



PATUXENT WATER FILTRATION PLANT FACT SHEET

- July 1944 – The Patuxent Water Filtration Plant (WFP) went into service, producing 12 MGD (million gallons per day)
- The Patuxent WFP sits at the highest elevation in Prince George’s County, (along MD 198 in Laurel) supplying fresh, clean drinking water to WSSC customers in both Montgomery and Prince George’s counties.
- The Patuxent WFP’s source water comes from the Rocky Gorge Reservoir on the Patuxent River.
- With a staff of 23 employees, the Patuxent WFP produces about 30% of WSSC’s water while the Potomac WFP produces about 70%.
- Construction of the \$65 million upgrade at the Patuxent WFP started in December 2014, and was substantially complete in late October 2018.
- The Patuxent WFP upgrades included:
 - Addition of the Ultraviolet Light (UV) treatment
 - A new fluoride / orthophosphate building
 - The addition of a new solids handling facility
 - The addition of a sixth treatment train (three flocculation basins, a sedimentation basin, extension of the chlorine contact chamber and two additional carbon filters).
- The upgrades to the Patuxent WFP will provide for an increase daily production from its current 56 MGD to 72 MGD, and will provide emergency capacity of 110 MGD.

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