



Production Department

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Agenda

- Production Department Overview
- Upcoming Solicitations
- Bidding Requirements
- Success Tips

Production Department Overview

The Production Department performs the Core Business of WSSC Water by providing a safe and reliable supply of drinking water to WSSC Water customers that meets or exceeds the requirements of the Safe Drinking Water Act and other Federal and State regulations. And by producing a quality effluent from our water resource recovery facilities, which meet discharge standards to protect public health and the environment.

The Production Department consists of:

- Two Water Filtration Plants- The Potomac and Patuxent WFP's whose primary focus is to provide a clean, reliable drinking water supply for WSSC's 1.9 million customers every day.
- Six Water Resource Recovery Facilities: Damascus, Hyattstown, Parkway, Piscataway, Seneca and Western Branch with a total capacity to handle 95 million gallons of wastewater per day. Their primary focus is to provide wastewater treatment that continuously meets or exceeds the requirements of their NPDES permits and EPA's Biosolids Regulations.
- The Biosolids Management Division focuses on receiving the biosolids from all WSSC Water's WRRFs and producing an exceptional quality Class A product suitable for beneficial reuse all while producing renewable energy.
- The Industrial Assets Maintenance Division is responsible for providing specialized maintenance and repair services to the Production Department facilities, including electrical, mechanical, instrumentation, welding, machining, and contract maintenance.

Production Department Overview (cont'd)

The Laboratory Division is responsible for providing laboratory analysis, regulatory compliance, and for managing WSSC Water's Water Quality Program.

The Process Control Division is responsible for directing the overall strategy for control systems initiatives and projects in the Commission. This Division is responsible for designing, developing, implementing, and troubleshooting control systems and related database systems at Commission plants and the SCADA system.

The Production Support Division, whose primary focus is on utilities cost control, biosolids management, competitive action efforts, safety, and training. The division also supports other miscellaneous initiatives such as greenhouse gas planning, anaerobic digester feasibility studies, and renewable energy programs, and manages the Production Department's Asset Management Program for all of WSSC Water's Production facilities.

The Systems Control Division, whose primary focus is operating the water distribution system, monitoring the wastewater collection system, operating and maintaining the dams, water pumping stations, finished water storage facilities, and the system control valves.

The Water Quality Division is responsible for directing activities related to water quality to ensure production and distribution of safe water for the public while meeting regulations and customer satisfaction.

Production Department **Mission & Vision**

The Production Team's primary goals is to provide a safe and reliable supply of drinking water to WSSC Water customers, maintaining an adequate volume and pressure of water for firefighting and customer use, that meets or exceeds the Requirements of the Safe Drinking Water Act and other Federal and State regulations.

As this team moves toward best practices, computerized process control and a centralized SCADA system are utilized to provide oversight and coordination with both the water systems and wastewater systems. The use of this technology as a strategy allows automation and remote monitoring for unstaffed operations and maintenance scheduling while maintaining a vigilant watch on these complicated systems.

Production Department Upcoming Contracts

Solicitation Name	Estimated Advertisement Month	Estimated Contract Value(\$)
Crane and Hoist Services	FY26 Q3	\$1.0M
Aquatic Vegetation Control - T. Howard Duckett Reservoir - Support Center	FY26 Q3	\$62K
Anacostia II WWPS Programmable Logic Controller (PLC) Upgrades	FY26 Q3	\$3.5-\$5.0M
Residuals Hauling - Potomac and Patuxent WFP's	FY26 Q3	\$23M
Mechanical Plumbing	FY26 Q3	\$8.5M
Generator Preventative and Corrective Services	FY26 Q3	\$1.5M
Dense Soda Ash - Chemical - Parkway WRRF	CY 2026	\$120K

Production Department Contracts - Key Highlights

- Anacostia II WWPS PLC Upgrades
 - Updating the outdated Programmable Logic Controller to the WWPS
- Residual Hauling – Potomac and Patuxent WFPs
 - Loading, Hauling, Storage, and Disposal management of residuals
- Dense Soda Ash – Parkway WRRF
 - Supply of 50-55 lbs. bags and/or 1-ton bags
- Aquatic Vegetation Control
 - Seasonal treatments at T. Howard Duckett Reservoir and WSSC Water Support Center
- Mechanical Plumbing
 - Mechanical Plumbing services for multiple facilities with the Production Department

Production Department Contracts – Key Highlights (cont'd)

- Generator Prevention and Corrective Services
 - Provide 24/7 service for Generators for both preventative and corrective actions
- Crane and Hoist Services
 - Provide corrective and preventative maintenance and services
- Ultra Low Sulfur Diesel Fuel
 - Possible future contract once the current General Services contract expires