

# Massachusetts Development Finance Agency



## **Patton Water Treatment Plant & Shabokin Water Treatment Plant (DWSRF #6757) Devens, Massachusetts**

Project Loan Amount: \$27,300,000

The project comprises of the full construction of two new 1.44 MGD water treatment plants, the Patton Water Treatment Plant and Shabokin Water Treatment Plant in Devens, Massachusetts. The water treatment plant building sizes and layouts will be similar and the treatment process will be identical.

The treatment process includes a GreensandPlus™ pressure filtration system for iron and manganese removal, Granular Activated Carbon filters and Ion Exchange contact chambers for PFAS removal, chemical feed systems, backwash recycling system, settled solids waste system, baffled clearwell and ancillary equipment and controls at both water treatment plants.

Also included in the project is the construction of new raw and finished water main piping, stormwater control systems, site restoration and miscellaneous work and cleanup to provide two complete and fully operational water treatment plants.

The relative importance of this project is to reduce the concentrations of iron, manganese and PFAS from the Patton and Shabokin sources. These sources have been consistently exceeding or approaching the SMCL and ORSGL for manganese, and the MCL for PFAS. The construction of the new water treatment plant will fix the noted problems to ensure public health, safety, and reliability of the water.

**The project is partially  
funded by the Environmental  
Protection Agency (EPA) and  
jointly administered by  
MassDEP and the  
Massachusetts Clean Water  
Trust (Trust).**

