

Paint-Elk Wastewater Treatment Facility – New Headworks

Client: Pennsylvania-American Water Company (Clarion District)

Clarion Co., PA

Year: 2019 Cost: \$1,500,000



The Pennsylvania-American Water Company planned a new headworks facility at its Paint-Elk Wastewater Treatment Plant. PAWC chose Gwin, Dobson & Foreman to design a new pretreatment system using the latest in screening and conveying technologies.

The project included a new plant, influent sewer, influent flow channel with Parshall flume, new headworks building, fine screen assembly and screenings conveyor, dumpster storage area, cascade-aeration effluent structure, new plant primary power system, emergency generator and hydropneumatic utility water system.

GD&F provided all design phase services including architectural, electrical, mechanical and site-civil work. Construction phase services included shop drawing reviews and construction consultation with local PAWC personnel. GD&F also provided full-time construction inspection of the project.

The new headworks and cascade-aeration system will reduce operational costs, increase efficiency, enhance worker safety, and improve the quality of the plant effluent.