

# Town of Moundsville

## Municipal Potable Water Supply

**Year:** 2006

**Start-Up Date:** 10/2007

**Client/Owner:** Shook Heavy & Environmental

**Engineer:** Gwin, Dobson and Foreman

**Location:** Moundsville, WV, USA



**Application:** Municipal Potable Water

**Scope of Work:** Design and supply of two complete nanofiltration treatment systems.

**Operation Data:** Feed water TDS: 537 mg/l,  
Permeate TDS: 65 mg/l,  
Permeate flow: 1,042 GPM,  
Recovery: 80%

**Capacity:** 2 x 1,500,000 GPD

**Project Summary:** This was a completely new plant where Doosan's scope of supply was limited to the RO skids, clean in-place system, PLC panels and instrumentation. Our scope was to supervise installation, start-up and commission of the system and train personnel.