

Mount Olive – Indian Springs Well House



Design Data

Owner

Mount Olive Township,
Morris County, New
Jersey

Location

Mount Olive Township,
Morris County, New
Jersey

Total Project Cost

\$560,000.00

Project Features

New treated water well house facility with generator, new piping, and instrumentation.

Modifications to two existing well pump chambers, including new piping and appurtenances.



Mount Olive Township owns several water supply wells that are responsible for feeding the Township's water distribution system. The Township determined that the water supply well facility located on Indian Springs Road required a significant upgrades. The Project consisted of modifications to the chambers containing the supply wells; construction of interconnection piping; a pre-cast pre-engineered architecturally enhanced treated water well house complete with lighting, heating, and ventilation systems; one standby diesel-fueled electrical generator set; apparatus and instrumentation including a pump control panel, an autodialer, a chlorine analyzer, a flow meter, an eyewash station, and a sodium hypochlorite and orthophosphate water treatment system; installation of a heavy duty chain link fence; and extensive site work. The Township water supply system remained in operation throughout construction. The water treatment system ties into the existing water transmission system.

PCI provided design during construction and full time construction management on this multiple prime contract, both in the field and in the office.

PCI
Professional Consulting, Inc.

Consulting Engineers