
WWTP Treatment Processes

Treatment Plant Influent Pumping Station (IPS)

Plant Headworks

Activated Sludge Process

Tertiary Filtration System

Reaeration System

Ultra-violet (UV) Disinfection

Chemical Storage and Feed system

Reuse Water System (Non-Potable)

Solids Handling Systems

Potable Water Supply (Groundwater well and tank, disinfection)

Treatment Chemical Storage Facilities

Location	Chemical(s)	Comments
Reuse Pump Area Sodium Hypochlorite Tank	Sodium Hypochlorite Bleach - 400 gal. tank	This is 12.5% bleach solution used for disinfecting non-potable water pumped from plant effluent for use in plant.
Belt Press Area	Polymer - 55 gal. drums (4)	This is used plant belt press operation

Other Key Chemical Storage Areas

Location	Function	Comments
Diesel Generator Area	Diesel for Emergency Generator (2000 gal. tank)	Maintenance personnel treat Diesel periodically.