

WPCP Treatment Processes

Plant Headworks (solids and grit removal)

Two Equalization (EQ) Basins (13.25 MG capacity)

Sequencing Batch Reaction Process (Four reaction basins)

Tertiary Filtration System (Cloth Filters)

Sodium Hypochlorite Disinfection with Dechlorination

Solids Handling and Dewatering Systems (Aerated digester, Belt press)

Treatment Chemical Storage Facilities

Location	Chemical(s)	Comments
Disinfection area	Sodium Hypochlorite Bleach (6800 gal. tank)	This is 12.0% bleach solution used for disinfecting non-potable water pumped from plant effluent for use in plant.
Disinfection area	Sodium Bi-sulfite (1800 gal. tank)	This chemical is used to dechlorinate effluent.
Belt Press Area	Polymer (220 gal. totes)	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.