

Installations of ENTEX Products

Lake City, FL

With population increases and environmental factors, water shortages are widespread and communities require innovative technologies to meet water demands. Lake City, Florida upgraded the Wastewater Treatment Plant, originally built in the 1970's to Public Access Reuse (PAR) as a low cost solution to reduce water consumption and satisfy nitrogen permit limits to the nearby Ichetucknee Springs.

The FlowTex™ cloth disc filter manufactured by Entex Technologies Inc. of Chapel Hill, North Carolina is the core technology behind Lake City's reuse water system. The filter removes suspended solids and is Title 22 approved, which means the technology is proven to meet the performance requirements for Reuse Water in the state of California. The city achieved a cost savings of 33% or 1.5 million dollars by upgrading to a reuse system instead of an advanced treatment plant that could remove additional nitrogen!

Media Installed

One 12-disc FlowTex Filter

Results

- Meeting or exceeding TSS and turbidity permit.

