

The Fort Fairfield Utilities District was organized pursuant to the Private and Special Laws of the State of Maine in 1947, as subsequently amended. The District is quasi-municipal and provides sewer and water services to residential and commercial customers located within the urban area of Fort Fairfield, Maine. A Board of Trustees is appointed by the Fort Fairfield Town Council for staggered three-year terms to manage the District.

### **WATER TREATMENT PLANT**

The District obtains its water supply from two sources, one is surface water from Pattee Brook and the second is ground water from a gravel-packed well on site at the treatment facility. The District maintains a filtration plant for treating the surface water, a pump station, and a maintenance facility along with transportation and excavation equipment. The water from both sources is chlorinated for disinfection and fluoride is added to help prevent tooth decay.

The filter plant is a conventional sand filtration along with coagulation and sedimentation. The distribution system consists of approximately 14 miles of pipe serving approximately 850 accounts, two of which are industrial accounts. The plant can produce two million gallons of potable water per day. At present we are treating an average of seven hundred-thousand gallons per day.

### **WASTEWATER TREATMENT PLANT**

The wastewater treatment plant is a secondary system that is a biological process which consists of five rotating biological contactors (RBCs), with two secondary clarifiers and two chlorine contact tanks. In 1994 there was an upgrade to the plant with the addition of a two million seven hundred-thousand gallon anaerobic reactor with a re-aeration tank used to treat the potato processing waste from Atlantic Custom Processors, LLC.

The plant is licensed for the following:

Flows - .60 MGD (600,000 gallons/day)

BOD - Monthly average of 750 lbs./day June to September

TSS - Monthly average of 750 lbs./day

BOD - Monthly average of 1383 lbs./day September to June

TSS - Monthly average of 1383 lbs./day

The plant currently treats an average of 400,000 gallons per day serving approximately 800 sewer accounts, two of which are industrial accounts.

**Contact Information:**

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