

Bear Creek Water Treatment Plant

The Bear Creek Water Treatment Plant is a 23 million gallon per day surface water treatment facility. The plant and lab has a staff of 15 employees. The plant has been awarded the Georgia Association of Water Professional's "Best Operated Water Plant", "Safest Water Plant" and "Best Tasting Water" all twice, while the Laboratory has received the Best Water Laboratory Award four times. It is one of only 16 water plants in the United States and the only plant in Georgia to receive the American Water Works Association's 10-year Partnership for Safe Water Award.

TOUR INFORMATION

Tour of Water Plant 90 – 120 minutes Plant Operator

Includes: chemical feed equipment, chemical application point, sodium hypochlorite generators, lime and carbon silos, salt tanks, mixers, baffles & sedimentation tanks, sludge lagoon, filters, pipe gallery, on-line instrumentation, process control laboratory, SCADA* room, storage tanks, finished water pump building and electrical generators. Also may include demonstration of some water quality analyses. Time permitting, a filter may be backwashed.

Tour of Laboratory 20 – 30 minutes Laboratory Analyst

Includes: general chemical laboratory and bacteriological room. Examples of equipment used are; Total Organic Carbon analyzer, Ultraviolet Light Spectrophotometer, microscope, autoclave, incubators, water baths, and distilled/demineralized water apparatus. Will also include examples of bacteria tests, algae slides, and demonstrations of some water quality analyses.

*Supervisory Controls and Data Acquisition

Tour guides will try to be as age sensitive as possible.

