

Waste Water Treatment Facility Upgrade Project

Weston & Sampson designed improvements for the City of Newburyport's 3.4 million gallons per day (MGD) Wastewater Treatment Facility (WWTF) Upgrade project – a \$12 million phase of a two phase \$25 million project.

The main components of the Phase I project included improvements/upgrade of the existing treatment processes and equipment, construction of a new Operations, Control and Laboratory (OCL) Building, and upgrade of the current aeration system from mechanical surface aeration to fine bubble diffused aeration (which includes the construction of a new building/enclosure to house aeration blower equipment). The new OCL building was designed to fit architecturally into the neighborhood and to incorporate Leadership in Energy and Environmental Design (LEED) principles.

The project took advantage of construction phase state and federal funding sources including the Massachusetts State Revolving Fund (SRF) loan program, the American Recovery and Reinvestment Act (ARRA) funding program, and the Green Infrastructure Reserve Fund.

This project is now complete.