



# WATER ENERGY AND SUSTAINABILITY CENTER

The Water Energy and Sustainability Center (WESC) is a 42,016 square foot facility that houses infrastructure and equipment vital to various Regional Wastewater Reclamation Department (RWRD) activities. The WESC houses the Compliance and Regulatory Affairs Office which, in addition to performing compliance and regulatory activities, also operates the department's laboratory; issues and ensures compliance with permits for commercial and industrial sewer users; and provides mandatory and other critical training to employees.

Prior to the construction of the WESC, laboratory functions and operations were scattered among several locations around the old Ina Road WRF in spaces largely inadequate for the tasks. The new laboratory brings the lab functions into one structure for more efficient operations and communications.

## Central Laboratory

- Organic Section
- Inorganic Section
- Microbiology Section
- Quality Assurance Section
- Whole Effluent Toxicity Section

The laboratories housed in WESC are part of a national network of laboratories that can be called upon to provide emergency lab analyses in the event of a local, regional, or national disaster.

## Staff & Training Unit Resources

- Computer lab with 16 work stations,
- Several conference/training rooms that can accommodate 68 students,
- Built-in video projector, sound system, audio and video recordings system and white/glass boards,
- Maintenance lab that can accommodate 12 students for hands-on instruction on the repair and maintenance of specialized equipment and the use of specialized tools,
- Chemistry/biology lab that doubles as a classroom for instruction about microorganisms and how to use microscopes,
- 18 modern laptop computers, and
- A library featuring technical training manuals, self-study materials, work-related DVDs, and study materials for state-required certifications.

The training center provides mandatory safety instruction and continuous wastewater technology training for new and existing RWRD staff.

