

City of Pittsburg Water Treatment Plant Pittsburg, California

I. Respondent:

Walter Pease, Director of Water Utilities

II. Treatment Plant Characteristics:

- Water Treatment
- 16,500 people served
- 9 employees at water treatment plant

III. Innovation:

A. Description

New SCADA System, installation of sludge collection system, Water Treatment Plant upgrade, and conversion to Chlorine Dioxide as pre-oxidant.

B. Type of Innovations

- Increased use of Information Technology
- New treatment process
- Optimization of existing resources

C. Motivation for Innovations

Preparing for 50 percent growth in Water Treatment Plant demand

D. Barriers/Challenges

Department of Health pilot testing requirements

E. Benefits

Will achieve better water quality and probably lower treatment costs

IV. Drought Response:

Voluntary Water Conservation of 15 percent. Constructed recycled water project in 2009 that reduced use by 5 percent.

V. Information Sharing:

- Willing to host on-site tour
- Willing for staff member from other utility to conduct a follow-up visit to learn more about innovations

Contact: Walter Pease