



# ENERGY STAR

## Benchmarking for Wastewater Facilities U.S. EPA and PG&E

We are pleased to provide hands-on instruction to benchmark your facility using the new ENERGY STAR Portfolio Manager online tool. You will leave with a benchmark ranking from 1-100 that indicates how energy efficient your facility is compared to other similar facilities across the country. You will also learn how to use the tool to track energy improvements, calculate your carbon footprint, and set a target for improving your baseline score. PG&E will explain their programs that assist you in identifying opportunities to save energy and money, and other financial incentives for cost effective facility upgrades.

Bring the following information to the class (for averages, bring the annual average):

1. Average Influent Flow
2. Design Flow (MGD)
3. Average Influent Biological Demand (BOD) Concentration: mg/l
4. Average Effluent Biological Demand (BOD) Concentration: (mg/l)
5. Whether you have Fixed Film Trickle Filtration Process Y/N
6. Whether you have Nutrient Removal Y/N
7. Zip Code
8. Energy use for each meter or bill received at the facility, both units (i.e. kWh, therms, etc.) and dollar cost for 12 months

Note: Energy you generate onsite from renewable sources is not counted.

You may bring energy data as paper bills or in a spreadsheet

Date: Wednesday, January 28, 2009

Time: 10:00 am – 12:00 noon

Credits: 2 contact hours

Instructor: Cheryl McGovern, EPA

Location: U.S. EPA Region 9  
Computer Training Center RM  
75 Hawthorne Street  
San Francisco, CA 94105

Registration by Emailing: [mcgovern.cheryl@epa.gov](mailto:mcgovern.cheryl@epa.gov), Include Your NAME, FACILITY NAME, PHONE #, AND EMAIL ADDRESS

**ENERGY STAR BENCHMARKING  
FOR WASTEWATER TREATMENT FACILITIES**

**AGENDA**

**January 28, 2009**

**EPA Region 9 Training Center**

**10:00 Welcome and Introductions**

**10:15 Overview of Energy Star Portfolio Manager**

**10:25 Establish Your Account**

**Add a Property**

**Add a Space**

**Add a Meter**

**Create a View**

**11:20 Get Your Score and Summary Report of GHG Emissions**

**11:30 Group Discussion of Different Treatments and Scores**

**11:45 PG&E Energy Auditor Program, Rebates, and other Financial Incentives**

**12:00 Sign up for free PG&E Energy Evaluation to identify opportunities at your facility to reduce energy and costs**