



**P<sup>3</sup> Quarterly Report**  
**Fiscal Year 2009**  
**Quarter: 4**



**Date:** June 30, 2010

**Department:** Public Works  
**Program Name:** Water Resources Laboratories (4661/4662)  
**Program Owner:** Louis C. Chiourn, Laboratory Supervisor  
**Phone Number:** Extension 1004  
**Program Mission:** Provide cost efficient analytical testing services and high quality data to meet the testing requirements of the water and wastewater systems.

**MEASURABLE OBJECTIVES**

1. Produce valid data from 99% of completed tests.

Performance Measure	Annual Target	QTR 1 Jul-Sep	QTR 2 Oct-Dec	QTR 3 Jan-Mar	QTR 4 Apr-Jun	Year to Date
Percent of tests with valid data	99.0	99.9	100	100	100	99.98
Status:						
Comments:	The "Annual Target" was increased from 95% to 99% due to continued success of the program.					Objective Achieved <input checked="" type="checkbox"/>
	All measurable objectives were met for Quarter 3 & 4.					

**PROJECT OBJECTIVES**

2. Complete samples and provide data so that NPDES and Drinking Water Reports can be submitted by the due date.

Status:	All reports were submitted in timely manner during Quarters 3 and 4.				
Comments:	Objective Achieved <input checked="" type="checkbox"/>				

3. Maintain certification for the State Department of Public Health / Environmental Laboratory Accreditation Program (DPH-ELAP) at all times.

Status:	Site inspection for recertification was completed on April 14, 2010. During the inspection, deficiency items were noted, and staff is responding with corrective actions by July 30, 2010.				
Comments:	Recertification process takes place every two years with the completed application. Received Certificate of Environmental Accreditation for April 1, 2009 thru April 30, 2011 from DPH-ELAP on April 28, 2009.				
	Objective Achieved <input checked="" type="checkbox"/>				

4. Complete all necessary sampling and analyses to maintain compliance with current and pending drinking water regulations.

Status:	All sampling and analyses were maintained with the current rules and regulations.				
Comments:	Staff has monitored all required existing primary and secondary drinking water regulations – Inorganic and Organic chemicals, Disinfectants & Disinfection Byproducts, (Stage 2 D/DBPR, DS-DBP), Microbial Contaminants (TCR, SWTR, IESWTR, LT1 ESWTR, LT2 ESWTR). Current Unregulated Contaminant Monitoring Rule (UCMR2) is complete for Groundwater and Surface Water sources.				
	Objective Achieved <input checked="" type="checkbox"/>				

5. Complete upgrading of Laboratory Information Management System (LIMS) Main Server and five workstations to new operating system and replace all workstations by June 30, 2011.		
Status:		
Comments:	Staff continues its works with the City Information System staff and LIMS consultant to upgrade of Laboratory Information Management System (LIMS) Main Server and five workstations to current operating system. The new workstations will be configured for compatibility with Supervisory Control Data Acquisition (SCADA) Main Kinetic Report Server prior to June, 2010.	Objective Achieved <input checked="" type="checkbox"/>

OTHER PERFORMANCE MEASURES						
Performance Measure	Annual Projection	QTR 1 Jul-Sep	QTR 2 Oct-Dec	QTR 3 Jan-Mar	QTR 4 Apr-Jun	Year to Date
1. Number of all drinking water, wastewater and creek samples received	14,000	3,622	3,452	3,453	3,504	14,031
2. Number of analyses performed	45,000	13,739	13,507	12,933	13,745	53,924
3. Number of special or follow-up samples received	450	109	109	183	185	586
4. Number of special and or follow-up analyses performed	3000	821	821	1,230	1,248	4,120
5. Average cost per analysis	\$20.00	19.94	21.05	20.30	21.10	20.60

**COMMENTS ON OTHER PERFORMANCE MEASURES:**

The samples listed under the "special or follow up" samples were completed as part for:

- Cater WTP Enhanced Coagulation and Jar Testing
- **Special Drinking Water Monitoring after the Zaca Fire**
  1. **System Monitoring:** Staff received a total of 39 samples between April 1 and June 30 from various sampling points of the drinking water sources; treatment processes trains and distribution system. Staff analyzed and reported 233 analytes during this reporting period.
  2. **Sources Monitoring: Lake Cachuma & Gibraltar Reservoir Monitoring – Profiling:** Staff began lake profiling monitoring project in late April 2008, and collected a total of 56 samples between April 1 and June 30, 2010 from designated sampling points of Gibraltar Reservoir. No water sample from Cachuma Lake because of unavailability a boat. Staff analyzed and reported 277 analytes during this quarter period.

**RECENT PROGRAM ACHIEVEMENT:**

**Annual Proficiency Testing (PT):** During the last quarter of FY 2010, laboratory staff completed rigorous of tests associated with our annual Water Pollution Proficiency Testing Study. Laboratory staff analyzed 57 different chemical parameters on two different sample categories and passed all tests.