

## **Water Use Reduction and Efficiency**

### **Measure 21 - Government Rainwater or Reuse Water**

**5 Points**

Use captured rainwater or reuse water to irrigate landscapes at governmental facilities.

#### Discussion:

Cobb County Water System's Northwest Water Reclamation Facility in Kennesaw, Ga. provides effluent reuse water for irrigation purposes at the county owned Cobblestone Golf Course. This is a permanent installation. The prior 5 year agreement signed in 2004 was just renewed for another 5 year term through 2013.

The total reuse water sent to the Cobblestone Golf Course was 73.0 million gallons for CY 2008, which translates to a monthly average of 6.1 million gallons, or a daily average of 200,000 gallons per day.

No formal engineering site irrigation plan is available for Cobblestone. The county would welcome the opportunity to arrange a site visit and educational tour to inspect facilities and meet knowledgeable staff.

Cobb County Water System also provides effluent reuse to the city of Acworth for irrigation at the Acworth Sports Complex. The total reuse water sent to the Acworth Sports Complex was 2.73 million gallons for CY 2008, (approx. monthly average of 227,000 gallons and daily average of 7,500 gallons).

The Intergovernmental Agreement with the City of Acworth includes a reduced scale irrigation site plan. We will be glad to assist with arranging a site visit between ARC staff and the City of Acworth upon request.

#### Documentation:

The following documentation is enclosed with this application:

- A copy of the Effluent Reuse agreement with the Cobb County Parks and Recreation Dept. for the Cobblestone Golf Course. This is the second renewal of the original 5 year agreement signed in 1999.
- A copy of the Intergovernmental Agreement for Urban Water Reuse between Cobb County and the City of Acworth for their sports complex. The document includes an irrigation site plan.
- No current irrigation plan is available. We will be glad to provide an educational site tour upon request.