

## WCAC Metrics & Trends Workgroup

### Progress Summary May, 2008

The Metrics & Trends workgroup of the Water Conservation Advisory Council has made considerable progress in the steps necessary to finalize a gpcd calculation methodology. In the task outline below the group has completed the steps 1-b involved in proposing a flow chart that outlines how consumptive water might be divided for purposes of water conservation planning.

The flow chart provided and table of municipal category descriptions is intended for review and feedback. Please e-mail feedback and questions to [Karen.guz@saws.org](mailto:Karen.guz@saws.org).

A small subgroup has volunteered to work on task 2; the population estimation methodology. Volunteers included; Ken Kramer, Gene Montgomery, Bill Hoffman, Elliott Fry, Karen Guz and a yet to be named lucky TWDB staff person. If anyone else is interested in this subgroup, please contact Karen. Once a proposed method is outlined, it will be shared with the larger group for discussion and feedback.

Our next phone conference meeting will review the flow chart and water use category questions and comment and include discussion of 1-c; determination of categories appropriate for population metric.

#### **Task Outline:**

- 1) Determine which categories of water consumption are appropriate for a gpcd measurement.
  - a. This requires a review of categories of water. Since there is not a universal system for dividing consumptive water into use categories, the group had to propose a way to do this.
  - b. The proposed category flow chart starts from a large water provider and then goes into detail for the Municipal category only.
    - i. Our assumption for this task is that we will be looking for the categories within municipal for potential gpcd calculations. The detail columns in the flow chart for other water uses such as Agriculture can be filled in at a later time by a group with this specific expertise.
  - c. Review the Municipal subcategories to determine which make sense for a population based metric.
- 2) Establish a methodology for estimating population in the water service provider areas. This methodology may be different for urban vs. rural areas. The group will initially focus on urban areas.
- 3) Create an instruction guide on how to complete the gpcd calculation for the categories appropriate for this metric. This would include a guideline on how gpcd measurements should be used for long-term planning and how they should not be used.
- 4) Make a recommendation regarding reporting of gpcd. This might include how to phase in the new calculations and which size communities would be most encouraged to complete the calculations.