

**20% GPCD REDUCTION BY 2020  
BASELINE DISCUSSION**

Name (optional)  
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A proposed approach was developed for establishing a water use baseline.

- Adequate data was available to create composite statewide and regional baselines, expressed in Gallons Per Capita per Day (GPCD). The Public Water Supply System (PWSS) database served as the data source for this step.
- The composite baseline value includes residential, commercial, and industrial uses – which are all within the scope of conservation efforts.
- The composite baseline is a planning value that provides an initial level of statewide water use, which informs potential statewide and regional conservation targets

PROGRAM DEVELOPMENT Figure 2-1, on page 3 of the Baseline Technical Memorandum, outlines the proposed approach for carrying out the Governor's charge. Is this an appropriate approach? Are there other steps to consider? What changes or revisions should be considered?

DATA ACQUISITION Page 7 of the Baseline Technical Memorandum provides a summary of datasets related to water-use. Are there other data sets that can help support development of the composite baseline value? (What format are they available in – hardcopy v. electronic; which agency maintains that database; what information is provided; what are the strengths and weaknesses of the data?)

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**DATA VALIDATION** Data points were eliminated from consideration based on several criteria: incompatible/inaccurate reporting units, no population data, and GPCD results that fell outside the range of 10 – 2000 GPCD. Should these criteria be modified? If so, how?

**ESTABLISHING A BASELINE VALUE** The proposed approach creates a composite baseline value, using 10 years of data, to help account for variations in hydrologic conditions (dry, wet, average) and demand conditions (how “hardened” – how much conservation in place?). What other approaches could perhaps be used to account for these, or other, factors?

**OTHER SUGGESTIONS** What other considerations, recommendations, or changes should be factored into the Baseline approach?