



## WATER EFFICIENCY RESEARCH COMMITTEE

### GOALS AND OBJECTIVES

*Approved November 18, 2008*

#### **Goal #1**

**To create and maintain a committee that reflects both expertise in water use efficiency and need to optimize water use efficiency.**

Objective 1 - Support the water use efficiency community with needed research on products, technologies, and practices.

Objective 2 - Develop a dialog and communicate efficiency research needs and results with and among AWE members.

#### **Goal #2**

**To develop, optimize, and track research needs and efforts that are designed to increase efficiency of water use.**

Objective 1 - Create a tracking tool that ensures research needs are identified and prioritized for research.

Objective 2 - Continue implementation and oversight of a water efficiency research program fund previously developed and maintained by the AWWA Water Conservation Division WETC, the CWWA, and the CUWCC.

Objective 3 - Ensure that AWE sponsored research programs are structured to capture the value of the embedded energy associated with incremental water efficiencies where possible and appropriate.

Objective 4 - Develop a mechanism to identify the technical expertise and capabilities needed to carry out the prioritized research needs; where committee expertise is lacking, seek out that expertise from among AWE membership and others.

Objective 5 - Support the AWE "Memorandum of Understanding forming a Water Efficiency Research Partnership" (MOU) with IAPMO and others where research projects are on AWE's priority list. Seek funding for specific research projects.

#### **Goal #3**

***To ensure that research tools, to the maximum extent possible, accurately and fully identify the "real world" efficiency of water use by the products, technologies, policies, and practices under study.***

Objective 1 - Assist AWE in ensuring that all product testing and labeling protocols are designed to clearly and accurately identify: (a) the water use of products, technologies, and practices to

be studied, (b) the customer satisfaction expectations, (c) the durability of the products being studied, and recommended modifications to existing codes and standards.

Objective 2 - Assist AWE in development of non-hardware related research methods.

Objective 3 - Assist AWE in developing an evaluation and testing method for products that are independently proposed and not prioritized by the Committee and AWE.

**Goal #4**

***To create a link between research results, best management practices, program implementation, and evaluation.***

Objective 1 - Assist AWE in providing test results, other findings, and recommendations and their impacts to all AWE members.

Objective 2 - Assist AWE in incorporating research findings and recommendations into codes and standards, labeling, and others, where applicable.