

Revisions to the Framework of BMP Elements

Currently there are 9 elements to each BMP in the guide. Each element is described below and Proposed changes are indicated in blue .

Applicability

The specific type of water user group that could potentially benefit from the BMP is described, as are the general goals for water efficiency that the BMP addresses.

Description

This section provides an explanation of the specifics of the conservation measure(s) included in the BMP. The best available **technology** that is proven and **cost effective is recommended**. Often a best available technology may not yet be cost effective to be implemented by all water users. Highly efficient water conservation measures that will produce cost-effective results are mentioned.

Implementation

The basic steps to accomplish the BMP are described. If the description section includes more than one measure to complete the BMP, the implementation section will suggest necessary steps for achieving the water savings.

Scope & Schedule:

In BMPs which have multiple implementation steps, a recommended schedule for implementation is included. In general, planning, data gathering and evaluation steps should be accomplished within 12 months of adoption of a specific BMP. For simpler BMPs, the scope is complete when the steps described in the implementation section have been achieved. For more complicated BMPs, the scope indicates the level of implementation necessary to consider the BMP complete. Where different levels of implementation or constraints are present, these are described.

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Documentation, Measuring Implementation, and Determining Water Savings

To track the progress of a BMP, the water user should collect certain data to document progress implementing the BMP and evaluating actual water savings. This section identifies the recommended data.

Determination of Water Savings

This section specifies information necessary to calculate water savings from implementation of the BMP and may include statistical or mathematical formulas when appropriate.

Cost-Effectiveness Considerations

Basic costs of implementing the specific BMP are explained. Due to the wide variety in actual costs based upon size of program and location, ranges of costs are given where appropriate. In many cases, costs and expenses can be reduced or spread out when multiple BMPs are implemented by an entity. This section primarily serves to remind the users of costs to consider when performing a cost effectiveness analysis.

Comment [nm1]: I suggest you just call this "best management practice". Technology does not describe all measures, particularly behavioral measures.

Comment [nm2]: What if we don't know if a BMP is cost effective?

Comment [ve3]: This element should combine both the scope and schedule. Scope and schedule seem very similar in nature and although one gives a broad picture and the other gives a more defined picture it would be less confusing if the information was combined together into one element.

Comment [ve4]: This element should be expanded in terms of descriptive content to provide some guidance on how an entity can both document and measure implementation. Right now this element guides a user on what type of data, information and reports to collect. However, there should also be additional guidance on how a user can quantitatively or qualitatively measure or track progress in implementation.

Comment [nm5]: Combine with Measuring implementation since they both deal with measurement – either process or outcome.

Comment [nm6]: Is this just the costs to the water group implementing the program, or to other entities participating, including the end user?

References for Additional Information

The BMP concludes with a listing of resources that can assist a water user in implementing the BMP.

Determination of the Impact on Other Resources
Acknowledgments

Comment [ve7]: This is a new element that serves to identify other resources that are either required or saved by the implementation of this BMP. Specifically, related energy savings might easily result from a reduced water demand as well as lower infrastructure capital costs and annual maintenance and equipment.

Comment [nm8]: I don't think the WCAC work groups have the expertise to develop the specific impacts on other resources. Of course, we can generalize.

Comment [ve9]: It was suggested that there should be a brief listing of associations, groups, and organizations that were involved in the development and review of the particular bmps