

## Conservation Team Scope of Work

### Team Leader:

~~Janet Llewellyn (Interim)~~ Kristen Simmons, FDEP

### Background:

The Conservation Team was originally formed as a Subteam of the CFWI 2015 Water Supply Planning Team, with the charge of producing estimates of the amount of conservation which could be achieved to reduce the 2035 projected demands. The group continued its work to assist the Solutions Planning Team by further refining the estimates and analysis for inclusion in Volume II of the Regional Water Supply Plan: 2035 Water Resources Protection and Water Supply Strategies (2015).

The 2015 CFWI RWSP concluded that based on achievable water conservation rates, the future demand could be reduced by 37 MGD or more through conservation. Of this, approximately 76 percent could be conserved by public supply utilities, 12 percent by agricultural users, and 12 percent by other self-supplied users. A key recommendation for the “next steps” for conservation in the 2015 CFWI RWSP is for the “formulation of a CFWI comprehensive conservation implementation scope of work that includes voluntary and incentive-based initiatives, research, education and outreach initiatives, and regulatory initiatives to achieve these savings.”

In formulating the structure for the next phase of the CFWI (CFWI 2020), the Steering Committee recognized the importance of water conservation and determined that a Conservation Team should be included as one of the main technical teams reporting directly to the Management Oversight Committee (MOC). The Steering Committee also directed this Team to “continue to advance conservation beyond the estimates established in the 2015 CFWI RWSP.”

### Goal:

Continue the effort to advance conservation beyond the estimates established in the RWSP.

### Team Approach:

The Conservation Team will consist of a representative from both DEP and DACS, a representatives from each of the three water management districts, two water supply utility representatives, a self-supply representative, a representative from agriculture, a representative from the environmental community and a representative of the business community.

~~Three~~ Two Subteams will be established to focus on water conservation for the primary user group categories as follows: of public supply and agriculture.

~~1. Public Supply~~

~~2. Agriculture~~

~~Other Self Supply (Landscape/ Recreation, Commercial and Industrial, Power Generation)~~

The Subteams will be responsible for conducting technical work and bringing draft products and options to the Conservation Team for consideration. Other topics falling

outside the scope of the ~~three-two~~ Subteams, such as savings by domestic water users and other self-supply, will be addressed directly by the Conservation Team.

#### **Team Objectives:**

~~1.~~ Develop options for an implementation strategy to achieve greater than the 37 MGD of water savings identified in the 2015 CFWI RWSP.

**Formatted:** Justified, Indent: Left: 0.5", No bullets or numbering

~~1.~~ Develop options for increasing water savings in the CFWI beyond the 37 MGD identified in the 2015 CFWI RWSP.

#### **Team Scope of Work:**

~~1.~~ **Task A.** Using the analysis and options from the Subteams, the Conservation Team will develop an Implementation Strategy to achieve greater than the 37 MGD projected savings identified in the 2015 CFWI RWSP.

**Formatted:** List Paragraph, Justified, Space Before: 6 pt, Numbered + Level: 1 + Numbering Style: 1, 2, 3, ... + Start at: 1 + Alignment: Left + Aligned at: 0.5" + Indent at: 0.75"

~~a.~~ **Task A.1.** Conduct an assessment of the existing status of the implementation of BMPs identified in the 2015 CFWI RWSP, and the remaining potential for BMP implementation. Identify and assess the status of BMPs since 2010, as well as the remaining savings potential for BMPs to be implemented.

**Formatted:** List Paragraph, Justified, Numbered + Level: 1 + Numbering Style: a, b, c, ... + Start at: 1 + Alignment: Left + Aligned at: 1" + Indent at: 1.25"

Information will be gathered from water users/suppliers, agency funding programs, existing water conservation-related databases, etc.

~~b.~~ **Task A.2.** Identify ongoing funding programs that support additional BMP implementation, and options for increasing the effectiveness of the existing programs. Information will be gathered from water users/suppliers, agency funding programs, etc.

~~a.c.~~ **Task A.3.** Identify geographic priority target areas for selected BMPs where the greatest savings, and water resource benefits where applicable, are likely to be achieved, and options and costs for achieving the savings.

~~Task B.~~ Develop options for increasing water conservation savings beyond the estimates in 2015 CFWI RWSP including consideration of the "next steps" outlined in 2015 CFWI RWSP Volume I, Chapter 11 and Volume II, Chapter 7.

~~2.~~ **Task C.** Coordinate with the Regulatory Team, as needed, on water conservation-related tasks.

~~3.~~ **Task D.** Coordinate with the Communications and Outreach Team on a Water Conservation Education and Outreach initiative.

~~4.~~ **Task E.** Provide Quarterly updates to MOC on Conservation Team progress.

~~5.~~ Review and consider any stakeholder-driven repository for public supply and agriculture conservation data, publications, and goal-based planning tools.

~~4.~~ Develop concepts for expanding the use of advanced meters and for testing/promoting the use of advanced irrigation technology.

~~5.6.~~ **Task F.** Update the water conservation estimates for achievable water conservation, and produce a draft Water Conservation Chapter for the 2020 CFWI RWSP, consistent with the schedule established by the 2020 Regional Water Supply Planning Team, which summarizes the work and analysis of the Conservation Team.

#### **Team Schedule**

- **Subteam Scopes of Work:** Conservation Team approval of Subteam scopes of work, including interim deliverables/schedule – April 15, 2016.
- **Task A1:** Complete draft options for implementation strategies to achieve greater than the 37 MGD of water savings identified in the 2015 CFWI RWSP for MOC consideration – June 2017. Complete implementation strategy final draft – February 2018.
- **Task B2:** ~~Complete draft options for actions/programs to increase water savings beyond the 37 MGD identified in 2015 CFWI RWSP – TBD~~Continuous.
- **Task C3:** ~~On-going~~Continuous.
- **Task D4:** ~~On-going~~Continuous.
- **Task E5:** February 2018 (will be part of implementation strategy, if selected by SC to be included)~~On-going.~~
- **Task 6:** August 2018 (part of RWSP Update).
- **Task F7:** Provide draft Water Conservation Chapter to the 2020 RWSP Team - ~~December~~ August 2018, or consistent with the schedule established by the 2020 RWSP Team.