

# Memorandum

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**To:** The Water Supply Advisory Committee (WSAC)  
**From:** Bob Raucher, Stratus Consulting Inc.  
**Date:** 7 August 2105  
**Subject:** Technical Team Progress Update

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In this memorandum, we provide an update of the Technical Team's activities for Phase 2 of WSAC activities, reflecting efforts in the latter half of July and first portion of August (i.e., between the July and August WSAC meetings).

## **1. Building Blocks and related Technical Support for Portfolio Development**

Stratus Consulting, Brown and Caldwell (BC) and Gary Fiske have been engaged in continued review and updating of the "building block" materials for several water supply options under consideration by WSAC. The team has held "Office Hours" to address questions raised by various WSAC members. Some variations on the scale of some building blocks have been developed in response to questions and requests from WSAC members.

One new area examined in this period has been to describe the potential environmental impacts associated with each potential building block. A summary document has been prepared and circulated.

## **2. Possible Performance Measures for ASR and In-Lieu Recharge**

Pueblo Water Resources, Inc. (PWR) has been tasked with developing and presenting material at the August WSAC meetings related to defining useful metrics that could be used to track progress and provide indicative signs regarding the long-term viability and success of potential aquifer recharge strategies, including passive (i.e., in lieu) or active (e.g., ASR) recharge.

## **3. Demand Projections and Demand Management Strategies**

David Mitchell (M-Cubed) is in the process of developing a report on the econometric demand forecasting model and projections that he has developed (and as presented at the July WSAC meetings).

There is likely to be continued work effort by SCWD staff, the technical team, and WSAC members from the peak demand working group. This work is likely to focus on assessing the extent of double counting embodied in the working group's proposed water conservation program and associated water savings, when combined with Program C recommended and the anticipated price impacts on demand in the revised demand forecast. The cost and water savings (and cost-effectiveness) of specific measures may be examined.

#### **4. Tracking Status of Consolidated Alternatives (CAs) and Related Suggested Solutions**

Began working on a summary spreadsheet that identifies each of the CAs, and the numerous Water Convention ideas that they embody. The materials include a description of the current status of each CA (e.g., dormant, under active consideration), and the rationale for why some of the ideas have been set aside. This material will be further developed for review and action by the Committee at its September meeting.

#### **5. Other activities**

In addition to all the items noted above, Stratus Consulting and other some other members of the Technical Team have been engaged in a broad array of technical issues. The additional technical activities include reviewing and managing all subcontractor work efforts, and continued active engagement in WSAC planning and meeting-support activities, as well as project administration and contract management.