

Central Yavapai Highlands Water Resources Management Study  
Technical Working Group  
Thursday, March 4, 2010  
Meeting Minutes

Attendees:

Doug Von Gausig – Clarkdale  
Jane Moore – Jerome  
Leslie Graser – Prescott  
John Munderloh – Prescott Valley  
Brent Bitz – Sedona  
Charles Mosley - Sedona  
Billy Garner – Yavapai Apache Nation  
Stanley Bullard – Camp Verde Water Sys.  
Jeanmarie Haney – TNC  
Lloyd Barnet - TAC

Ken Janecek - CWAG  
Lou Bellesi - Citizen  
John Rasmussen- YCWAC  
Greg Kornrumpf - SRP  
Rebecca Davidson - SRP  
Abe Springer - NAU  
Tom Whitmer - ADWR  
Santiago Garcia - Reclamation  
Marvin Murray - Reclamation  
Leslie Meyers - Reclamation

**Phase I – Demand Analysis**

**Williamson Discussion**

All Williamson CDP data was finalized and routed to the TWG prior to the meeting. Comments received from Ken Janecek proposed some modifications to the data. Although the proposed modifications were understandable, methodologies for development deviated from those used for the rest of the WPAs in the planning area. The TWG decided it was important to be consistent throughout the study area and not to change or update the information.

**Phase II – Water Resources Inventory**

The TWG reviewed the latest version of the Phase II tables. The tables have been divided into sub-basins with listings of Surface Water, Groundwater, Wastewater, and Effluent for each.

*Note: Rain and Snow volumes reported for the Verde River Basin Water Atlas do not include numbers for the Big Chino sub-basin.*

**Surface Water**

There was much discussion about the springs in the study area. An ad hoc committee was formed to review the spring data and determine:

1. An accurate listing of springs (with location) in each sub-basin;
2. Whether each is a “Consumed Spring” (used before it contributes to the flow of a river or stream) or a “Contributor Spring”;

3. Whether the water produced is already accounted for in Phase I (ie anything available for future use?); and
4. Whether the spring is dry (now and forever?)

The ad hoc spring committee includes John Munderloh, Greg Kornrumpf, and Sharon Masek-Lopez.

**Action Item: Reclamation will provide maps and locations for each of the springs we listed on the Phase II tables (Arizona Water Atlas based info).**

### **Groundwater**

Aquifer data reported in the Water Resources Inventory comes from Kyle Blasch's *Hydrogeology of the Upper and Middle Verde River Watersheds, Central Arizona* 2007 report. Abe Springer suggested that we review and update the information with Northern Arizona Regional Groundwater model report.

**Action Item: When the report is available to the public, TWG will review and adjust tables as appropriate.**

### **Wastewater**

Water now collected in septic tanks could be available for reuse if a sewer and treatment system were in place. In order to estimate this volume, it was assumed that 33% of all domestic well usage could be recovered, treated and made available for reuse. It was noted that the assumption was probably very low since there is not much outdoor water usage.

**Action Item: John Munderloh, Leslie Graser, and Tom Whitmer will look for information that would support a better recovery rate.**

Mine Drainage and other poor quality (referred to as Brackish or Saline Waters in the Water Resources Inventory) were discussed in the Verde Valley.

### **Effluent**

The TWG reviewed the lists of Wastewater Treatment Plants throughout the study area. It was noted that some of the information in the table was not correct.

**Action Item: Leslie M will route the WWTP info to everyone for review. TWG will provide comments.**

Next Meeting

**Thursday, April 1, 2010**

**10:30 am**

Yavapai County - Gladys Gardner Meeting Room  
1015 Fair Street, Prescott, AZ