Central Yavapai Highlands Water Resources Management Study
Technical Working Group
Friday, Jan. 14, 2011
Meeting Minutes

Attendees:

Ron Grittman – Chino Valley
Doug Von Gausig – Clarkdale
Diane Joens – Cottonwood
Leslie Graser – Prescott
John Munderloh – Prescott Valley
Stacey Barnes – Camp Verde Water Sys
Keith Self – AZ Water Co.
John Zambrano - CWAG
Ken Janecek – CWAG
Lou Bellisi – Citizen
Jeanmarie Haney - TNC
John Rasmussen- YCWAC
Rebecca Davidson - SRP
Tom Whitmer - ADWR
John Nystedt - FWS
Santiago Garcia - Reclamation
Marvin Murray - Reclamation
Leslie Meyers - Reclamation

Phase III – Alternative Formulation

TWG members reviewed each of the alternatives formulated at the December meeting and discussed infrastructure needs. See attached table.

Reclamation will begin documenting and evaluating costs for each of the alternatives. Small groups may be convened to help accurately outline the Flood Water and Storm Water Alternatives.

General Discussion

Several TWG members expressed concern about whether or not all of the appropriate parties are at the table for alternatives discussions.

Action Item: Leslie and John Rasmussen will review and update the TWG routing lists and make contact with new representation as appropriate. Additionally, the lists will be reviewed by the TWG at the Feb. meeting for additional input.

The February TWG meeting will be devoted to discussion of legal and institutional and environmental issues associated with the alternative analysis phase of the study. Small working groups will be formed to brainstorm issues and to work on analyzing each of the alternatives.

Next Meeting
Thursday, February 3, 2011
10:30 am
Yavapai County - Gladys Gardner Meeting Room
1015 Fair Street, Prescott, AZ

Central Yavapai Highlands Water Resources Management Study
Water Supply Alternatives w/ Infrastructure
Draft

Water Supply	Alt #	Alternative	Infrastructure
Inside the Study Area			
Groundwater	1	Local Groundwater Development	Wells and possible treatment
	2	Regional Groundwater Development	wells, transmission facilities * and possible treatment
Waste Water (Septic Only)	3	Conversion of Existing Systems (Urban)	sewer lines, possible upsize or development of new WWTP
	4	Conversion of Existing Systems (Rural)	sewer lines, possible upsize or development of new WWTP
Flood Water	5	Capture and Store Verde (or Trib) Flood Water	Diversion, off stream storage, treatment and transmission facilities or Horseshoe or Bartlett dam modifications
Storm Water	6	Macro Rainwater Harvesting, Urban Stormwater Capture	landscape treatment, detention/retention basins and infiltration sites
Effluent	7	Existing Unused Effluent and/or Capacity	no new infrastructure
	8	New Effluent from Septic (See 3/4 above)	
	9	New Effluent from new population	new sewer systems and WWTPs
Conservation	10	Implement Conservation (i.e. Rainwater Harvesting, educational programs, etc.)	(may or may not require infrastructure)
Outside the Study Area			
Surface Water	11	Alamo Lake	transmission facilities and treatment
	12	Colorado River (via (a)Alamo Lake, (b)Lake Powell, (c)Diamond Creek, (d)Lake Mead, (e)Lake Havasu)	transmission facilities and treatment
Ground Water	13	(a)Big Sandy, (b)Bill Williams (Santa Maria Creek), (c) Bill Williams (Burro Creek), (d)Agua Fria	Wells, transmission facilities and possible treatment
Other	14	Weather Modification	tbd
	15	Watershed Management	tbd

*Note: Treatment facilities could include lifts stations.