

**Water Resource Development Commission
Workplan**

OBJECTIVE 1: COMPILE AND CONSIDER PROJECTED WATER NEEDS OF EACH COUNTY AND GROUNDWATER BASIN OVER THE STUDY PERIOD					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
1.1 Develop population forecasting methodologies – (may include Commerce, MPO, Atlas Volume 9, Colorado River Basin Study projections, Reclamation Feasibility Studies, etc)	Population Committee	X			
1.1.1 Prepare population forecasts for each county and groundwater basin for the study periods with confidence levels.					
1.1.2 Develop population scenarios (e.g. high/low) as appropriate					
1.1.3 Test the forecasts with other population specialists					
1.1.4 Develop population projections					
1.1.5 Prepare summary of findings and recommendations including needed studies and research by November 30, 2010					
1.2 Develop water demand assumptions based on forecasted growth for study period	Water Supply/ Demand Committee	X	X		
1.2.1 Prepare municipal demand projections based on population growth - Water provider v. domestic well demand - Changes in demand rate	Municipal Subcommittee				
1.2.2 Prepare industrial demand assumptions - Develop economic development/growth methodologies with county/other economic development experts; review existing development plans and strategies with appropriate staff - Incorporate economic projections that predict growth and location of power and mining industry/development - Develop demand assumptions based on current or new technology - Develop a methodology to predict sand and gravel and industrial golf course demand based on population or other approach	Industrial Subcommittee				
1.2.3 Prepare agricultural demand assumptions - Incorporate studies and expert opinions; conduct trend analyses to forecast demand	Agricultural Subcommittee				
1.2.4 Prepare summary of findings and recommendations including needed studies and research by February 28, 2011	Water Supply/ Demand Committee				

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OBJECTIVE 1: COMPILE AND CONSIDER PROJECTED WATER NEEDS OF EACH COUNTY AND GROUNDWATER BASIN OVER THE STUDY PERIOD (continued)					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
1.3 Evaluate environmental considerations 1.3.1 Identify current environmental resources 1.3.2 Identify conditions necessary to support them 1.3.3 Prepare summary of findings and recommendations including needed studies and research by February 28, 2011	Environmental Committee	X	X		

OBJECTIVE 2: IDENTIFY AND QUANTIFY WATER SUPPLIES CURRENTLY AVAILABLE IN EACH COUNTY AND GROUNDWATER BASIN					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
2.1 Use the Arizona Water Atlas as the baseline condition for currently available water supplies at the groundwater basin level 2.1.1 Develop an approach to display basin data on a county basis	ADWR with support from selected members and staff	X			
2.2 Identify how drought and climate change are/are not currently factored into water supply availability planning					
2.3 Incorporate BRP effluent reuse/recycle availability findings into available water supply portfolio					
2.4 Prepare summary of findings and recommendations including needed studies and research by November 30, 2010					

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OBJECTIVE 3: COMPARE CURRENT AND FUTURE WATER SUPPLIES AND DEMAND TO IDENTIFY UNMET DEMAND					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
3.1. Compare forecasted water demand to baseline water supply to determine whether supplies are sufficient to meet current and additional demand 3.1.1 Identify available supplies; and how these are defined basin by basin 3.1.2 Identify current and/or future gaps between water demand and supply (unmet demand) during the study periods 3.1.3 Identify unmet demands by sector over the study period	Water Supply/ Demand & Environmental Committees		X		
3.2 Prepare summary of findings and recommendations including needed studies and research by February 28, 2011					

OBJECTIVE 4: IDENTIFY POTENTIAL WATER SUPPLIES THAT COULD BE USED TO MEET ADDITIONAL DEMANDS OVER THE STUDY PERIOD					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
4.1 Identify additional supplies such as conservation, reuse, alternative technologies, desalination and other strategies such as agricultural land fallowing or retirement and to what extent these supplies could meet additional demand over the study period	Water Supply/ Demand Committee		X	X	
4.2 Identify basins where water supplies may be available from outside the basin and what volumes are necessary to meet additional demands					
4.3 Identify potential water supplies out of region that could be imported to the region to meet additional demands					
4.4 Prepare summary of findings and recommendations including needed studies and research by May 31, 2011					

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OBJECTIVE 5: IDENTIFY ANY LEGAL OR TECHNICAL ISSUES ASSOCIATED WITH THE USE OF THOSE SUPPLIES (in conjunction with Obj. 4 tasks)					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
5.1 For those basins where additional water supplies are available, evaluate the legal and/or technical issues with accessing these supplies within the basin	Water Supply/ Demand Committee		X	X	
5.2 For those basins where additional supplies are not available, evaluate the legal and/or technical issues with accessing additional supplies available within the region, but outside the basin					
5.3 For those basins where additional supplies are not available and no other regional supply exists, evaluate the legal and/or technical issues associated with importing water supplies into the region					
5.4 Prepare summary of findings and recommendations including needed studies and research by May 31, 2011					

OBJECTIVE 6: IDENTIFY POTENTIAL MECHANISMS TO FINANCE THE ACQUISITION OF WATER SUPPLIES AND INFRASTRUCTURE NECESSARY TO TREAT OR DELIVER THE WATER SUPPLIES					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
6.1 For the water supplies identified that could be developed within or imported into each basin/region, identify the infrastructure required considering any technical issues identified	Finance Committee			X	
6.2 Develop cost estimates for the required infrastructure.					
6.3 Identify potential financing mechanisms based upon differing cost estimates					
6.4 Prepare summary of findings and recommendations including needed studies and research by May 31, 2011					

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OBJECTIVE 7: DEVELOP RECOMMENDATIONS REGARDING THE NEED FOR FURTHER STUDIES AND EVALUATIONS					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
7.1 Evaluate the findings and recommendations regarding the need for additional studies and research prepared under Objectives 1-6.	Commission Members with ADWR support as needed			X	X
7.2 Develop additional recommendations as needed to ensure that all aspects of the study are included					
7.3 Prepare a list of final recommendations by July 15 th , 2011					

OBJECTIVE 8: PREPARE A REPORT OF FINDINGS AND RECOMMENDATIONS, INCLUDING RECOMMENDATIONS FOR SUGGESTED LEGISLATION					
TASKS	STAFFING	SCHEDULE (QTR)			
		1st	2nd	3rd	4th
8.1 Evaluate the findings and recommendations prepared under Objectives 1-7	Report Committee				X
8.2 Develop additional recommendations as needed.					
8.3 Draft report for review by Commission members and others by August 15, 2011					
8.4 Incorporate comments, finalize report					
8.5 Submit report to governor, speaker of the house of representatives and the president of the senate no later than October 1, 2011					