

TABLE 1. GOALS AND MEASUREABLE OUTCOMES FOR THE SOUTHWEST BASIN IMPLEMENTATION PLAN

A. BALANCE ALL NEEDS AND REDUCE CONFLICT		
ID	Goals	Measurable Outcomes (by 2050)
A1	Pursue a high success rate for identified specific and unique IPPs to meet identified gaps and to address all water needs and values.	<ol style="list-style-type: none"> 1. 100% of IPPs shall consider from the initial planning stage maintaining and enhancing environmental and recreational needs. 2. Complete 27 multipurpose IPPs to meet identified gaps. 3. Support and participate in 10 IPPs (such as processes) that promote dialogue, foster cooperation and resolve conflict. 4. At least 50% of identified watersheds have existing or planned IPPs that are protective of critical infrastructure and/or environmental and recreational areas. 5. All towns and major water supply systems with water supply infrastructure have watershed/wildfire assessments that identify strategies/treatments necessary to mitigate the impacts that occur to hydrology in a post-fire environment. 6. All major reservoirs have watershed/wildfire assessments that identify strategies/treatments necessary to mitigate the impacts that occur to hydrology in a post-fire environment.
A2	Support specific and unique new IPPs important to maintaining the quality of life in this region, and to address multiple purposes including municipal, industrial, environmental, recreational, agricultural, risk management, and compact compliance needs.	
A3	Implement multi-purpose IPPs (including the creative management of existing facilities and the development of new storage as needed).	
A4	Promote dialogue, foster cooperation and resolve conflict among water interests in every basin and between basins for the purpose of implementing solutions to Southwest Colorado’s and Colorado’s water supply challenges (<i>SWSI 2010</i>).	
A5	Maintain watershed health by protecting and/or restoring watersheds that could affect critical infrastructure and/or environmental and recreational areas.	

*Note that several of these outcomes, indicated by an asterisk, pertain directly to supporting implementation of the projects and processes, either planned or in progress, that are currently on the Southwest Basin’s IPP list. They will be periodically reviewed and updated in the future.

TABLE 1. CONTINUED...

B. MEET AGRICULTURAL NEEDS		
ID	Goals	Measurable Outcomes (by 2050)
B1	Minimize statewide and basin-wide acres transferred.	<ol style="list-style-type: none"> 1. Implement projects (e.g. ATMs, efficiency, etc.) in order to help preserve agriculture and open space values, and to help address municipal, environmental, recreational, and industrial needs; while respecting private property rights. 2. Implement strategies that encourage continued agricultural use and discourage permanent dry-up of agricultural lands. 3. The water providers in the state that are using dry- up of agricultural land (defined as requiring a water court change case) and/or pursuing a new TMD (as defined by IBCC to be a new west slope to east slope diversion project) shall have a higher standard of conservation. The goal for these water providers is a ratio of 70% in-house use to 30% outdoor use (70/30 ratio). 4. Implement at least 10* agricultural water efficiency projects identified as IPPs (by sub-basin).
B2	Implement efficiency measures to maximize beneficial use and production.	
B3	Implement IPPs that work towards meeting agricultural water supply shortages.	

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TABLE 1. CONTINUED...

C. MEET MUNICIPAL AND INDUSTRIAL WATER NEEDS		
ID	Goals	Measurable Outcomes (by 2050)
C1	Pursue a high success rate for identified specific and unique IPPs to meet the municipal gap.	<ol style="list-style-type: none"> 1. Complete 40* IPPs aimed at meeting municipal water needs. 2. Consistently meet 100% of residential, commercial and industrial water system demands identified in SWSI 2010 in each sub-basin, while also encouraging education and conservation to reduce demand. 3. Implement at least 1* IPP that protects or enhances the ability of public water supply systems to access and deliver safe drinking water that meets all health-based standards. 4. Change the ratio of in-house to outside treated water use for municipal and domestic water systems (referred to as water providers herein) from the current ratio of 50% in-house use and 50% outside use, to 60% in-house use and 40% outside use (60/40 ratio) for Southwest Colorado and the entire State by 2030. 5. Implement 3 informational events about water reuse efforts, tools and strategies. 6. The water providers in the state that are using dry-up of agricultural land (defined as requiring a water court change case) and/or pursuing a new TMD (as defined by IBCC to be a new west slope to east slope diversion project) shall have a higher standard of conservation. The goal for these water providers is a 70/30 ratio by 2030. This is a prerequisite for the Roundtable to consider support of a new TMD.
C2	Provide safe drinking water to Southwest Colorado’s citizens and visitors.	
C3	Promote wise and efficient water use through implementation of municipal conservation strategies to reduce overall future water needs.	
C4	Support and implement water reuse strategies.	

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TABLE 1. CONTINUED...

D. MEET RECREATIONAL WATER NEEDS		
ID	Goals	Measurable Outcomes (by 2050)
D1	Maintain, protect and enhance recreational values and economic values to local and statewide economies derived from recreational water uses, such as fishing, boating, hunting, wildlife watching, camping, and hiking.	<ol style="list-style-type: none"> 1. Implement 10* IPPs to benefit recreational values and the economic value they provide. 2. At least 80% of the areas with recreational opportunities have existing or planned IPPs that secure these opportunities and supporting flows/lake levels within the contemporary legal and water management context. Based on the map of recreational attributes generated for SWSI 2010 (Figure 1) 80% of each specific value equates to approximately 428 miles of whitewater boating, 185 miles of flat-water boating, 4 miles of Gold medal Trout Streams, 545 miles of other fishing streams and lakes, 3 miles of Audubon Important Bird Area, 143 miles of waterfowl hunting/viewing parcels, and 6 miles of Ducks Unlimited projects. 3. Address recreational data needs.

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TABLE 1. CONTINUED...

E. MEET ENVIRONMENTAL WATER NEEDS		
ID	Goals	Measurable Outcomes (by 2050)
E1	Encourage and support restoration, recovery, and sustainability of endangered, threatened, and imperiled aquatic and riparian dependent species and plant communities. <i>(See list of such species in the Southwest Basin)**</i>	<ol style="list-style-type: none"> 1. Implement 15* IPPs to directly restore, recover or sustain endangered, threatened, and sensitive aquatic and riparian dependent species and plant communities. 2. At least 95% of the areas with federally listed water dependent species have existing or planned IPPs that secure the species in these reaches as much as they can be secured within the existing legal and water management context.
E2	Protect, maintain, monitor and improve the condition and natural function of streams, lakes, wetlands, and riparian areas to promote self-sustaining fisheries, and to support native species and functional habitat in the long term, and adapt to changing conditions.	<ol style="list-style-type: none"> 3. At least 90% of areas with identified sensitive species (other than ESA species) have existing or planned IPPs that provide direct protection to these values. Based on the map of environmental attributes generated for SWSI 2010 (Figure 1) 90% for individual species equates to approximately 169 miles for Colorado River cutthroat trout, 483 miles for roundtail chub, 794 miles for bluehead sucker, 700 miles for flannelmouth sucker, 724 miles for river otter, 122 miles for northern leopard frog, 921 miles for active bald eagle nesting areas and 229 miles for rare plants. 4. Implement 26* IPPs to benefit the condition of fisheries and riparian/wetland habitat. 5. At least 80% of areas with environmental values have existing or planned IPPs that provide direct protection to these values.

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TABLE 1. CONTINUED...

F. PRESERVE WATER QUALITY		
ID	Goals	Measurable Outcomes (by 2050)
F1	Monitor, protect and improve water quality for all classified uses.	<ol style="list-style-type: none"> 1. By 2016, replace the following statewide outcomes with outcomes based on the current status of these measures in the Roundtable area, followed by a periodic status review every five years. <ol style="list-style-type: none"> a. 60% of stream miles and 40% of reservoir acres attain water quality standards and support all designated uses. b. 15% of impaired stream miles and reservoir acres are restored to meet all applicable water quality standards. c. 50% of stream miles and 30% of reservoir acres are attaining water quality standards. d. 100% of existing direct use and conveyance use reservoirs attain the applicable standards that protect the water supply use classification. 2. Implement 6* IPPs to monitor, protect or improve water quality.

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TABLE 1. CONTINUED...

G. COMPLY WITH CO RIVER COMPACT AND MANAGE RISK		
ID	Goals	Measurable Outcomes (by 2050)
G1	Plan and preserve water supply options for all existing and new uses and values.	<ol style="list-style-type: none"> 1. Water providers proposing a new TMD shall achieve a 60/40 ratio by 2020 and 70/30 ratio by 2030 as a prerequisite for the Roundtable to consider support of a new TMD. 2. A conceptual agreement is developed between roundtables regarding how to approach a potential future TMD from the West Slope to the East. 3. Protect 100% of pre-compact water rights in the Southwest Basin Area. 4. Implement 2* IPPs aimed at utilizing Tribal Water Rights Settlement water. 5. Implement 2* IPPs aimed at meeting La Plata River compact. 6. Participate in Compact Water Bank efforts.
G2	Recognize and address the challenges faced by water users in southwest Colorado due to continued development and pressures from users in the State of New Mexico; protect interests in southwest Colorado, while complying with existing Compact obligations. New Mexico’s entitlement to Colorado River flows are based on deliveries from southwest Colorado (<i>SWCD Statement of Importance</i>).	
G3	Preserve Southwest Basin’s ability to develop CO River compact entitlement to meet our water supply gaps. (<i>SWCD Statement of Importance</i>).	
G4	Recognize and uphold the unique settlement of tribal reserved water rights claims in the 1988 Tribal Water Rights Settlement and the 1991 Consent Decree. (<i>SWCD Statement of Importance</i>).	
G5	Support strategies to reduce demand in the Colorado River Basin to ensure levels in Lake Powell are adequate to produce power.	
G6	Support strategies to mitigate the impact of a Colorado River Compact curtailment should it occur.	

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