

Objectives <i>What specific, tangible, measurable milestones will we set to achieve to reach our goals?</i>	Strategies <i>What do we have to do in order to meet our objectives? Which of the many opportunities given to the Authority through the powers in its Statute will be used in the short term to achieve the Targets?</i>	Measures <i>How will we know if we are achieving our objectives?</i>	Row ID
To better understand reservoir and watershed dynamics and linkages	Develop reservoir and watershed models that together can successfully simulate the linkages between measured reservoir physical, chemical, and biological parameters with reservoir water quality standards (especially beneficial uses) ¹ ; and are able to predict reservoir responses to modified watershed inputs, including flows, and/or in-reservoir management strategies	The watershed model is being successfully used to evaluate impacts of land use (both developed and undeveloped); nutrient generation, transport, and fate; alluvial flows, and current and future surface hydrology; and the effectiveness of pollutant abatement strategies	1
		The reservoir model is used to evaluate dynamics of sediment release of nutrients; water quality interactions (especially nutrients); phytoplankton, zooplankton, and fisheries; water column mixing; and the effectiveness of in-reservoir treatment strategies	2
To identify the right “mix” of sustainable strategies that will preserve and enhance water quality for beneficial uses and/or prevent negative water quality impacts	Consistently evaluate and implement the Sampling & Analysis Plan	CCBWQA has the data needed to evaluate compliance with Chlorophyll a and other applicable standards and water quality goals, as well as support modeling efforts used to develop management strategies	3
	Prioritize watershed and/or in-reservoir management strategies for implementation	Water quality monitoring data and/or modeling are used to document and quantitatively demonstrate water quality maintenance and improvement	4
		Technique(s) have been developed to assess the health and trends in beneficial use protection Method(s) to assess sustainability of potential management scenarios, Pollution Abatement Projects (PAPs), Best Management Practices (BMPs), and other techniques are used as a key factor to select projects chosen for implementation	5
To ensure that the Authority Board maintains an adaptable organizational structure and expertise so that it can efficiently identify, prioritize, and implement Authority initiatives, and respond to requests	Impartially and objectively review of the current Authority structure, and identify and implement any needed enhancements or changes and implement	The Authority Capital Improvements Program (CIP) is continually updated, to ensure Authority funds are shifted to the most sustainable, effective, and cost-efficient management strategies Identified enhancements/changes have been implemented	7
		Authority positions are periodically reviewed to ensure the appropriate expertise is available, especially as the Authority pursues new, innovative management strategies	9
To enhance partnerships with Member Entities and Stakeholders to leverage Authority resources, resulting in improvement, protection, and/or preservation of water quality and beneficial uses, and prevention of negative water quality impacts	Move towards additional external communication and engagement	Member Entities and Stakeholders receive efficient and timely response to requests of the Authority Annual evaluations are completed to document the number and types of project partnerships and benefits achieved through these partnerships, including for benefits to water quality, financial leverage, and resulting furtherance of innovative and/or more sustainable techniques	10
	Continually explore innovative water quality solutions, while supporting Member Entities that have taken on and developed mature programs in areas that were once leading-edge (e.g., wastewater treatment, stormwater)	Annual Presentations are made to Member Entities and requesting Stakeholders Authority actively supports exploration of innovative approaches, as evidenced by research, small focus-groups, partnering, funding, and communication (e.g., Annual Report and presentation to the Water Quality Control Commission, other presentations, watershed plan updates, etc.).	12
To continue to be recognized as an innovative, leading edge watershed authority		Member Entities and Stakeholders regularly share innovative concepts and experiments with Authority (e.g., dendritic development, riparian preservation, land conservation, or other PAPs)	14
		Current Best Management Practices are reviewed and assessed for effectiveness; new leading-edge BMPs are evaluated for incorporation into Authority’s recommended BMP list	15
		Board and other Authority participants are selected/appointed with consideration (among other criteria) of technical expertise in innovative areas	16
	Promote water quality through education	Collaborate with Cherry Creek Stewardship Partners for CR 72 Educational Requirement compliance	16

¹ Water Quality Standards = 1) Beneficial Uses + 2) Numeric/Narrative Standards to Protect Beneficial Uses + 3) Antidegradation