

Rio De La Concepcion Watershed Management Plan Summary Table

Management Unit Name	Management Goals			Management Goals			Unit Potential		Management Priority	Management Description
	Emphasis	Objectives	Desired Species	Emphasis	Objectives	Desired Species	Angler	Native Aquatic Conservation		
Sycamore Canyon	Native Aquatic Species Management	Native Fish-Self-sustaining	GIDI				Low	High	High	Management of the Sonora Chub population in Sycamore Canyon will include maintaining one or more refuge populations either within or outside the watershed, due to the risk posed to the population by wildfire and catastrophic drought. Currently, a refuge population of Sonora Chub is maintained at the Arizona-Sonora Desert Museum (which is physically located in the Santa Cruz River watershed). Occasional augmentation of refuge populations with wild individuals from Sycamore Canyon should occur to maintain artificial gene flow. The Sycamore Canyon Management Unit is currently closed to all angling.
California Gulch	Native Aquatic Species Management	Native Fish-Self-sustaining	GIDI				Low	High	Medium	The California Gulch management unit currently provides at least occasional habitat to Threatened Sonora Chub. California Gulch may experience occasional complete or near complete drying, and Sonora Chub are thought to occasionally disperse upstream from more permanent waters in Mexico. Potential future management options for Sonora Chub in the California Gulch management unit could potentially include the use of well water from U.S. Border Patrol wells (drilled to support border wall construction and intended to be transferred to U.S. Forest service) to augment one or more (e.g., Hidden Tank, Border Tank) existing stock ponds in the watershed to create a more permanent fish refuge. Implementation of such a strategy would require substantial coordination with partners, permittees, and likely an amendment to this watershed plan. Heavy use of the stream corridor by cartel activity associated with the international border is the main constraint to conducting suveys and management within this unit. Suppression or eradication of nonnative fishes should occur if and when conditions allow for reliable and safe access to this management unit.
Ruby Lakes	Undetermined (Lack of data)	Native Fish-Self-sustaining	GIDI				Low	Low	Medium	The Ruby Lakes management unit is composed of three lakes; Town, Mineral and Ruby. Town and Ruby lakes are ephemeral but Mineral Lake has held water for several decades and contains a self sustaining population of at minimum bluegill sunfish and largemouth bass. The private landowner allows the public to access Mineral Lake for angling for a fee. The Department's ranid frogs program also actively monitors for and removes American Bullfrogs from Town Lake specifically.
Eagle Dam	Undetermined (Lack of data)	Native Fish-Self-sustaining	GIDI				Low	Low	Low	Eagle Dam is located on the Coronado National Forest, upstream of the Ruby Lakes management unit.
Yellow Jacket Tank	Undetermined (Lack of data)						Low	Low	Low	Management of Yellow Jacket Tank will require additional surveys to determine the fish species composition and permanence of water.