

Appendix 1. Summary table of projects where environmental flows have been implemented.

Related Section	Strategy	Geographic extent	When	Key actors and institutions	Reference
A	Representative for environmental flows added to multi-state, basin planning council	Area of the RGB basin located in Mexico (Durango, Chihuahua, Nuevo León, Coahuila, Tamaulipas)	2017	Rio Bravo Basin Council and Pronatura Noreste	(CCRB 2018a)
B.1	5-year lease of agricultural water rights for environmental flows	New Mexico, U.S.: Rio Gallinas, upstream of the confluence with Rio Chama, New Mexico	2019	NMOSE, Audubon New Mexico, and Farmers	(Tashjian 2019, Chamberlain 2019)
B.2	Leasing of agricultural water rights for environmental flows to preserve native trout	Gallinas creek (tributary of the Pecos River) in northern New Mexico	2019	Trout Unlimited, private landowner	(Peterson 2020)
B.3	Strategic water reserve that provides funding to lease or purchase environmental flow water rights in the state of New Mexico	New Mexico, U.S.: the RGB above Elephant Butte and the Pecos River	Since 2005	New Mexico Legislature	(OSE 2020)
C.1	Voluntary releases of unused water in reservoirs for environmental flow	Rio Chama downstream El Vado Reservoir (New Mexico)	2016	NM Audubon, Sandia Pueblo	(Paskus 2015)
C.2	Voluntary releases of water in reservoirs for environmental flow	34-mile reach of the Rio Grande downstream of Isleta Diversion Dam and through isleta Pueblo, Los Lunas, and Belen (New Mexico)	2018	NM Audubon, Middle Rio Grande Conservancy District, Bureau of Reclamation, Pueblo of Isleta, Albuquerque Bernalillo County Water Utility Authority	(Audubon 2018)
D.1	Municipal ordinance to provide environmental flows	Santa Fe City and Santa Fe river	2012	City of Santa Fe Environmental advocacy groups (e.g. Santa Fe Watershed Association)	(City of Santa Fe 2013)
D.2	Municipal ordinances to ensure environmental flows for fishway pass and sediment movement	Albuquerque City and RGB mainstem	2016	City of Albuquerque	(Water Utility Authority 2016)

E	First environmental water right in Mexico	Coahuila, México: Cuatro Ciénegas	2014-present	CONAGUA, Pronatura Noreste	(Pronatura Noreste 2019)
F	Cross-sectoral, cross-jurisdictional and cross-boundary collaboration in forest management for water quality and flow: the Rio Grande Water Fund	Rio Blanco, Rio Navajo in the Colorado River Basin and Rio Chama in the RGB basin	2016	The Nature Conservancy, state agencies, local municipalities, community-level donors across NM	(Hartwell et al. 2016)
G.	Adapting irrigation district policy to accommodate river restoration with agricultural water rights	Southern New Mexico: Elephant Butte reservoir to Texas border	2013	Elephant Butte Irrigation District, International Boundary and Water Commission, Audubon New Mexico, US Fish and Wildlife Service	(Stevens 2013, IBWC 2015, n.d.)
H	Scientist advisory groups determining environmental flows	Rio Grande mainstem from Presidio to Amistad dam, from Falcon dam to the estuary and the Laguna Madre (Texas)	2011	Basin and Bay Area Expert Science Teams, Basin and Bay Area Stakeholder Committee	(TCEQ 2012)
I	Nongovernmental organizations promoting socio-ecologically based land and water management for conservation	Alamito Creek and Matonoso Creek (Texas)	2003	Dixon Water Foundation and Trans Pecos Water and Land Trust (TPWT)	(Desert Fish Habitat Partnership 2016)