

Table 1. Environmental flow studies supporting adaptive management in the Colorado and Lavaca Rivers and Matagorda and Lavaca Bays, 2014-2019

No.	TWDB Contract No.	Study Topic	Cooperator	Completion Date	Budget
1	1400011715	Studies to evaluate achievement of freshwater inflow standards and ecological response	Anchor QEA	8/31/2015	\$250,000
2	1400011759	Evaluation of freshwater delivery alternatives to East Matagorda Bay	Texas State University	8/31/2015	\$62,500
3	1548301856	Improve simulation of groundwater/surface water interaction in the Groundwater Management Area 12 groundwater availability model	Intera, Inc.	6/30/2017	\$60,000
4	1600012010	Validation or refinement of the adopted TCEQ standards for the Colorado and Lavaca rivers	Bio-West, Inc.	8/31/2017	\$160,000
5	1600012011	Evaluation of rainfall-runoff patterns in the Upper Colorado River Basin: Phase I	Kennedy Resource Company	8/31/2017	\$20,000
6	1600011927	An evaluation of the variability of sediment and nutrient loading into Matagorda Bay from the Colorado River: Phase I	U.S. Geological Survey	5/31/2019	\$60,000
7	1800012283	Evaluation of rainfall/runoff trends in the upper Colorado River Basin: Phase II	LRE Water, LLC	8/31/2019	\$75,000
8	1800012223	Using comparative long-term benthic data for adaptive management of freshwater inflow to three estuaries (Colorado-Lavaca, Guadalupe, and Nueces)	Harte Research Institute	8/31/2019	\$135,000
9	1800012268	Development of freshwater inflow/biological indicator relationship for Lavaca Bay	Harte Research Institute	12/31/2019	\$75,000
10	1900012305	Initial data gathering to implement groundwater-surface water interaction field work from GAM improvements study	Lower Colorado River Authority	8/31/2020	\$125,000
11	1900012284	Statewide synthesis of environmental flow studies from 2014–2017	Texas State University	8/31/2020	\$237,000
12	1800012317	Environmental flows validation in three river basins (Brazos, Colorado-Lavaca, and Guadalupe-San Antonio)	Texas A&M University	12/15/2020	\$245,000
13	1900012323	An evaluation of the variability of sediment and nutrient loading into Matagorda Bay from the Colorado River: Phase II	U.S. Geological Survey	8/31/2021	\$61,341
Total for adaptive management studies in the Colorado-Lavaca basin-bay area					\$1,565,841