

River Authority Dam Information
(per Water Code 12.053)

TX#	Dam Name	Latitude	Longitude	Operator	Operation & Maintenance/Rehab Schedule	O&M Cost	Method of Finance	Notes
						Fiscal Year (Sep 1 - Aug 31)		
TX00097	CONROE DAM	30.356916	-95.564673	San Jacinto River Authority	Monthly piezometer inspections; quarterly spillway, embankment, and service outlet inspections; quarterly relief well inspections, quarterly spillway underdrain vault box inspections; 5-yr TCEQ Engineering inspections; post-event inspections. Additional operational and maintenance activities as prescribed in Division's Operations and Maintenance Manual. 10-year Repair and Replacement Project Plan. Computerized Maintenance Management System for scheduled preventative and corrective maintenance.	The FY2023 total operating and maintenance expense budget is \$6,231,890 (includes salaries and benefits, outside services, operations, maintenance, rentals, and administrative expenses). In addition to the operating and maintenance budget, the repair and replacement budget provides funding for the FY2023 Project Plan of \$2,292,500.	Contractual water sales revenue, licensing and permitting fees from commercial and residential improvements and operations on and around the reservoir.	Conroe Dam is owned and operated by the SJRA, impounding Lake Conroe under TCEQ Certificate of Adjudication 10-4963-A. The Dam is located on the West Fork San Jacinto River in Montgomery and Walker Counties, 7 miles northwest of Conroe, Texas. The conservation pool elevation of Lake Conroe is 201.0 feet above mean sea level. The TWDB collected bathymetric data for Lake Conroe between March 2 and October 30, 2020, while daily average water surface elevations ranged between 199.18 and 200.31 feet above mean sea level. A 2020 TWDB volumetric survey indicates Lake Conroe has a total reservoir capacity of 417,605 acre-feet and encompasses 19,894 acres at conservation pool elevation. Construction of the dam began on February 9, 1970, and the dam was completed in January 1973. Deliberate impoundment of water began in January 1973. The reservoir was built primarily for water supply and is an important source of water for the Montgomery County area.
TX03414	HIGHLANDS RESERVOIR DAM	29.823801	-95.028771	San Jacinto River Authority	Monthly visual inspections of dam embankment, spillway, and gated control structures; 5-yr TCEQ Engineering inspections. Additional operational and maintenance activities as prescribed in Division's Operations and Maintenance Manual. 10-year Repair and Replacement Project Plan. Computerized Maintenance Management System for scheduled preventative and corrective maintenance.	The FY2023 total operating and maintenance expense budget for the Highlands Division is \$7,377,460 (includes salaries and benefits, outside services, operations, maintenance, rentals, and administrative expenses). The reservoir is a small percentage of the Highlands Division's operations and maintenance. Within the budget \$45,000 is specifically earmarked for riprap, dirt, geotextile fabric, hydromulch, and supplies for preventive maintenance on the dam and levees. In addition to the operating and maintenance budget the repair and replacement budget provides funding for the FY2023 Project Plan of \$10,357,000. The Project Plan includes three projects for FY2023 related to the reservoir, Reservoir Access Culvert \$425,000, Reservoir Access Road \$947,000, and South Canal Bypass Access Culvert \$425,000. Additionally there will be two more projects that will be funded from the repair and replacement budget, Structure 5 SCADA Improvements (budget TBD) and Structure 5 Erosion Repairs (budget TBD).	Contractual revenue from the sale of raw water to industrial, municipal, and agricultural customers.	Highlands Reservoir Dam is owned and operated by the SJRA, an off channel raw water storage facility / balancing reservoir along the Highlands Canal System. The Dam is located in proximity to Highlands, Texas in southeastern Harris County, Texas.
TX05878	BEAR BRANCH LAKE DAM	30.19712	-95.535962	San Jacinto River Authority	Quarterly exercise spillway low-flow valve and visually inspect the service spillway, emergency spillway, and embankment. Additional operational and maintenance activities as prescribed in Division's Operations and Maintenance Manual. 10-year Repair and Replacement Project Plan that is included in the O&M Budget. Computerized Maintenance Management System for scheduled preventative and corrective maintenance.	The FY2023 total operating and maintenance expense budget is \$389,880 (includes salaries and benefits, outside services, operations, maintenance, rentals, and administrative expenses). Included in this budget is the FY2023 Project Plan of \$325,000.	Contractual revenue from Operating and Maintenance Agreement with 5 Montgomery County Municipal Utility Districts (7, 46, 47, 60, and 67).	Bear Branch Dam is owned and operated by the SJRA, impounding Bear Branch Lake under TCEQ Permit No. 3882. The Dam is located on Bear Branch in Montgomery County, in The Woodlands, Texas.