



SAFETY OF DAMS FACT SHEET

The U.S. and Mexican Sections of the International Boundary and Water Commission (IBWC) have the responsibility to operate and maintain the dam structures under their authority for the purpose of conservation, flood control and power generation, and ensure the dams are maintained in a safe and sound condition. Both Sections are jointly responsible for two storage dams (Amistad and Falcon Dams); and two international diversion dams (Anzalduas and Retamal Dams). The U.S. Section (USIBWC) manages two diversion dams (American and International Dams). The Mexican Section owns one diversion dam (Morelos Dam). All seven dams are part of the IBWC's Safety of Dams Program.

Both Sections work together to inspect, report, and evaluate safety of the international and sole ownership dams. The program includes a five-year inspection of each dam by qualified independent technical experts from the U.S. and Mexico. The inspections include structural, mechanical, electrical, and gate operability and condition. The most recent inspections were conducted in FY23 and FY24.

The USIBWC developed a safety of dams program to fulfill its responsibility in accordance with Public Law 92-367.

All seven dams have been classified by the U.S. Army Corps of Engineers (USACE) using their Dam Safety Action Classification (DSAC) rating.

| NAME | LOCATION | DSAC RATING | REASON FOR CURRENT RATING | # OF INSPECTION RECOMMENDATIONS | ESTIMATED COST |
|-------------------|------------------------------------|---------------------------------------|--|---------------------------------|-------------------------|
| Amistad Dam | Del Rio, TX | DSAC II (High Urgency of Action) | Upstream Sinkholes formation | 114 | \$288M-390M |
| Falcon Dam | Falcon Heights, TX | DSAC III (Moderate Urgency of Action) | Spillway joint repairs | 86 | \$6M-10M |
| Anzalduas Dam | Hidalgo County, TX | DSAC IV (Very Low Urgency of Action) | Bolt Corrosion, Truss Beam and Supports Rehabilitation | 39 | \$7M-10M |
| Retamal Dam | Hidalgo County, TX | DSAC III (Moderate Urgency of Action) | Center gate oscillates during flood events | 26 | \$4M-6M |
| American Dam | EL Paso, TX | DSAC III (Moderate Urgency of Action) | New electrical system and generator required | 47 | \$5M-6M |
| International Dam | El Paso, TX | DSAC III (Moderate Urgency of Action) | New electrical system and generator required | 49 | \$1M-5M |
| Morelos Dam | Los Algodones, Baja California, MX | DSAC III (Moderate Urgency of Action) | Possible hydrologic risk | 29 | \$1M-\$2M (Mexico 100%) |

Total Safety of Dams Recommendations = 390

*Estimated Cost = \$312M - \$429

**Estimated cost does not include routine O&M*

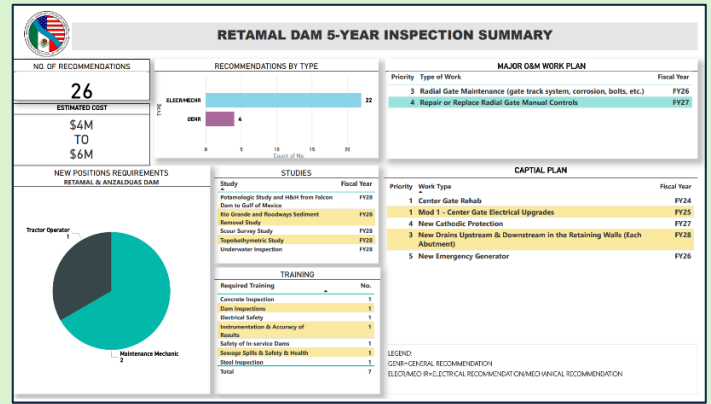
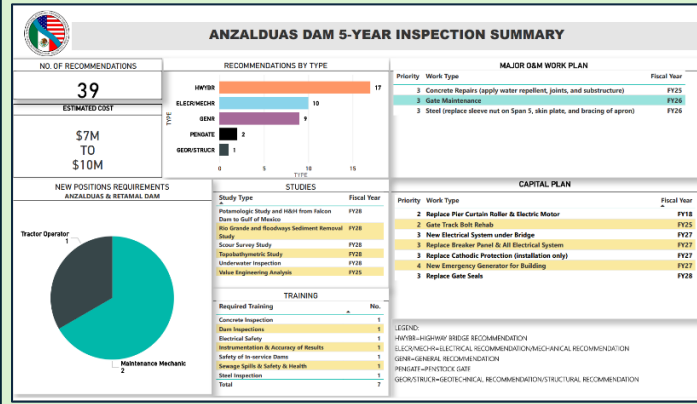
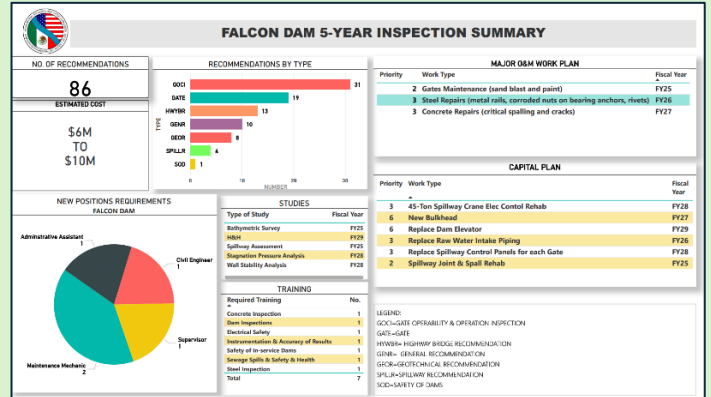
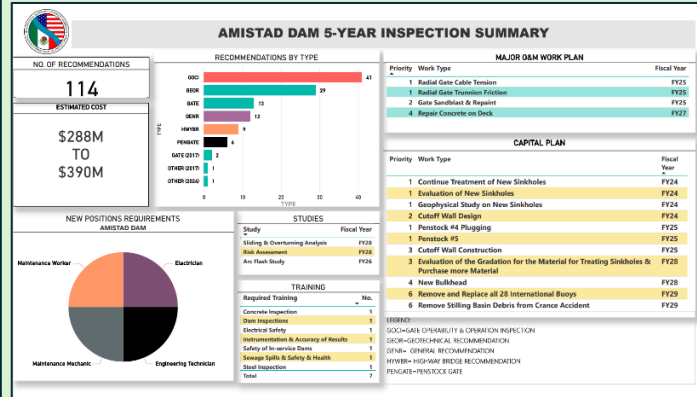


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FY23-24 Safety of Dams 5-Year Inspection Results & Projects

All seven dams were inspected in FY23 and FY24 by both U.S. and Mexican technical experts. Below are the recommendations for operations and maintenance, studies, training, and capital improvements for each of the dams. The summary includes estimated range of costs for all the recommendations.

LOWER RIO GRANDE DAMS



UPPER RIO GRANDE DAMS

