



MRB | *group*

PASADA POND REHABILITATION



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ROUND ROCK, TX

MRB Group was contracted by the Brushy Creek Municipal Utility District (BCMUD) to provide design, bidding, and construction phase services to rehabilitate the existing Posada Pond No: 2.

The District reported that the pond was no longer retaining water. Initial observations indicated that the pond needed significant maintenance. Water was likely seeping under and around the outlet structure, the pond's forebay was full of sediment, and large trees had grown around the pond, potentially compromising the pond liner.

MRB prepared plans and specifications for a construction contractor to provide the needed maintenance. MRB also provided bidding assistance to the District, including support in evaluating contractor qualifications and construction phase services, including construction observation and administration.

Construction included the removal of excess vegetation inside the pond, excavating the forebays to proposed grades shown on the plans, spreading spoils from the pond on the backside of the berm, and seeding disturbed areas to reestablish vegetation. Construction also included cleaning the existing drainage channels and culverts and adding rip-rap. In addition, damage to the concrete spillway and outlet structures was repaired.

PROJECT DETAILS

Contact: Thomas Caponi, P.E.

Completion Date: Completed in 2021

Project Role: Design, Bidding, Construction

