

Floating pump bypasses river flow for multiple dam rehabilitation projects



The FP1050 axial flow pump was floated in the river to provide the 90 MGD bypass flow needed to keep residents supplied with water.



The cofferdam used by the rehabilitation contractor worked with the floating pump to provide conditions needed for repair work.



This FP1050 floating pump is capable of pumping up to 68,500 gallons per minute through a 42" discharge.

Multi-million dollar rehabilitations of dams along a freshwater river in Texas required two bypasses so that repairs could be made while maintaining the water supply for more than half a million residents.

The contractor managing dam rehabilitation chose Rain for Rent to provide the necessary 90 MGD bypasses based on their expertise and unique offering of a floating pump.

Space was limited along the riverbank so Rain for Rent designed a bypass with a self-contained floating pump, the FP1050.

By floating the FP1050 in the water, impact on the riverbank and surrounding environment was lessened and space was maximized for dam rehabilitation work.

Using the floating pump kept the bypass staging time at a minimum, allowing the contractor's municipal rehabilitation project to finish on time with no effect on the resident's water supply.



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