
Dam Trash Rack Replacement



Structure Maintenance - Trash Rack Cleaning & Inspection

Project Location: Tortilla Flat, Arizona

UESI divers performed work at a hydropower dam to remove and replace the intake trash racks. The project was comprised of assisting the client in customizing new racks to fit in the structure; welding cathodic protection wires and continuity straps to the new trash racks; performing an inspection of the fire and domestic water intake grating and 6-inch equalization line inside of the pennstock with a remote operated vehicle (ROV); and performing an inspection of the draft tube trash racks and sump discharge flapper valves. Dive operations were conducted in depths up to 81 feet at 1759 feet above sea level. The divers used surface supplied enriched air nitrox to enhance safety and increase bottom times.

Completion Date: January 2010
UESI Job Number: COM2009261

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