

Report on  
Jordan Aqueduct JA-2 and JA-4  
Hydraulic Power Unit Replacement

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July 11, 2007

# Jordan Aqueduct JA-2 and JA-4 Hydraulic Power Unit Replacement

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Engineer: JVVCD Staff

Contractor: Western Integrated Technologies/  
Able Electric

Purchase Contract Award Date: September 19,  
2006

Purchase Contract Amount: \$80,832

Installation Contract Amount: \$18,793

No change orders were required on the project.

# Jordan Aqueduct JA-2 and JA-4 Hydraulic Power Unit Replacement

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The purpose of the project was to replace three original hydraulic actuators at the flow control structures for Jordan Aqueduct reaches 2 and 4 which had reached their design life.

Original Actuators (pumps and gauges at the far end of the beige hydraulic cylinder).

JA-4 Flow Control Structure (Point of the Mountain).

# Jordan Aqueduct JA-2 and JA-4 Hydraulic Power Unit Replacement



Replacement Hydraulic power unit installed at the Jordan Aqueduct Reach 2 Flow Control Structure (floor mounted unit with two motors).

The new hydraulic power units reduce maintenance and simplify operation.



Three replacement power units were installed at each site. The old systems were removed.