

Little Goose Dam Temporary Spillway Weir Starbuck, Washington



Client:

United States
Army Corps of Engineers
Walla Walla, Washington

Contract Value:

\$2,059,050

Project Timeline:

Started: October 2008
Completed: March 2009

Project Highlights:

- Fabricated & installed 25,000 lb stop log
- Fabricated & installed 120,000 lb weir assembly
- Fabricated & installed 96,000 lb closure gate
- All installations required a heavy lift crane barge

The first of two projects at the Little Goose Dam, Advanced American Construction, Inc. (AAC) worked on an expedited timeline to fabricate, deliver and install several new components to the dam.

AAC provided 2 new weir towers and lifting beams, a closure gate, dogging beams, vent tubes, slot tubes, slot fillers and stop log. These comprised nearly 300,000 lbs of fabricated steel components.

AAC partnered with Jesse Engineering, who fabricated the structural steel pieces in Tacoma, WA. They were then shipped by truck down I-5 to Vancouver, WA where they were loaded onto a barge with the largest mobile harbor crane in North America. The barge traveled 280 miles upriver to Little Goose Dam for the final installation.

