

RECLAMATION

Managing Water in the West

Status Report, no. 12, January 1, 2009 through March 31, 2009

**Savage Rapids Dam Removal and Replacement Pumping
Facilities
Grants Pass Project, Oregon
Pacific Northwest Region**



View of the Contractor's crane pad erected over the existing pumping plant. 3/10/09



**U.S. Department of the Interior
Bureau of Reclamation
Pacific Northwest Regional Office
Boise Idaho**

**BUREAU OF RECLAMATION
Pacific Northwest Regional Office**

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January 2009

Electrical subcontractor, Tice Electric resumed electrical work on January 6th. Tice performed electrical wiring and cabinet work in the pumping plant. The transformer for the substation was delivered and installed on the substation pad.

February 2009

Testing of electrical components continued.

Reclamation held a Job Hazard Analysis meeting with all involved in the pumping plant service yard energization on February 25th.

March 2009

Testing of electrical components continued.

Slayden began installing the steel pipe on the pipe bridge.

Pacific Power completed work on their facilities and energized the substation.

Tice Electric performed rotation tests on the pump motors. The contractor has delayed the 8 hour pump tests until April 15th.

The contractor began work related to the dam removal in March including the right side downstream cofferdam access road, crane pad and south fish ladder modification.

The fish ladder modification added to the contract to attempt to improve fish passage during dam removal was begun.

Schedule and Concerns

The 8 hour pump testing was 26 days behind schedule at the end of this period. Reclamation believes that Slayden will be able to make up the time needed to deliver water at the start of the irrigation season.

The interagency group met on March 9th to discuss the progress of the work and upcoming fisheries and environmental issues. The group met at the site and discussed modifications to the south fish ladder to be implemented prior to the construction of the right side cofferdams.

The weather this period was seasonal.

Safety was adequate this period.

Work Cessation – Slayden directed their electrical subcontractor, Tice Electric, to stop work on December 3, 2008. Slayden directed Tice to return to work on January 6, 2009.

Fish Screen – The screen covers remained in place this period.

Isolation – Not applicable this period

Fish Recovery - none

Photos



Delivery of transformer. 01-20-09



Transformer sitting on the concrete pad inside the substation. 01-20-09



Crane platform being fabricated using soldier beams atop the old pumping plant. 01-21-09



Power Engineers and Testing Inc. testing the Power transformer. 01-27-09



Overall view of the substation and pumping plant. 02-05-09



20 KV 100 milliamp AC Hi Pot Test set used by Eaton to test G1-G4 and T1, T2. 02-17-09



A section of Tokay Evans discharge pipe being mounted on the pipe bridge.
03-02-09



Intake structure inundated. 03-16-09



Electrician in arc flash personal protective equipment for closing disconnect switches and starting T/E #1 motor. 03-13-09



Komatsu PC 600 and a large sand hopper staged at the intake structure. Water is coming up over the intake structure. 03-16-09



View of the pumping plant. 03-17-09



Link Belt track-hoe working on access road down to the north fish ladder.
03-19-09



Two electricians are working inside the Tokay Evans auxiliary cabinet. 03-19-09



Downstream right side cofferdam access road. 03-20-09



Tokay/ Evans flow meter box. 03-20-09



Material stock piled for filling sand bags for south fish ladder modification.
03-20-09



Drilling for south fish ladder modification excavation. 03-24-09



Thrust block at the north end of the bridge being formed and braced in preparation for concrete placement. 03-26-09



South side fish ladder modification construction. 03-27-09



Tokay/ Evans thrust block at the south end of the bridge. 03-27-09