

**Weekly Summary**  
**West Region SHG**  
**December 26, 2014**

**Bandon**

- No hot topics for this report

**Cole Rivers**

- No hot topics for this report

**Elk River**

- No hot topics for this report

**Leaburg**

- The hatchery's water supply has been in jeopardy since Tuesday when a second roll gate on the Leaburg Dam failed. The one remaining operable roll gate had limited maneuverability as a log was jammed in it. The dam operator, Eugene Water & Electric Board (EWEB), notified the hatchery of the potential of Leaburg Lake being drained and hence losing the hatchery's water supply. The hatchery crew scrambled to locate pumps to be on standby in case we had to move water from the river below the dam to the hatchery intake channel. On Wednesday (Christmas Eve day), EWEB called to tell us that they lost control of the dam and could no longer control the roll gate. The gate was stuck open and the lake would eventually drain as more water was leaving the dam than was being replaced by the river upstream. Rental pumps were on site by 5 pm Christmas Eve along with a local construction crew (Wildish) that brought an extended arm forklift and light tower to set everything up in the dark with hatchery staff assisting. Three 8" pumps and two 6" pumps were installed by 9 pm (see attached picture). An additional 6" pump was borrowed from Junction City Public Works and was set up at the tail end of the hatchery to capture and reuse discharge water as this pump did not have enough hose to reach the river. On Christmas Day (Thursday), the lake began dropping steadily to the point where the water was too low for the automatic spray wash system for cleaning the intake screens to work. Periodic manual cleaning with brooms was sufficient until 1:30 am Friday when we began to institute three 8 hour shifts per day with two people working to keep screens clean and monitor fish. Pumps will be turned on when water from the lake is completely lost.



Pumps



Leaburg Lake



Intake Channel

### Marion Forks

- It was a pretty slow week with most of the crew off for Christmas. We received a light dusting of snow Christmas Eve.
- We received a small feed order and all eyewash stations were drained and refilled. Otolith marking continues.
- We hope everyone had a safe Christmas.

### McKenzie

- McKenzie hatchery receives its' main water supply from the Leaburg Canal. The flow from Leaburg Lake was shut down to prevent debris from clogging the power plant screens following last weekend's rains. On Tuesday EWEB informed the hatchery that there were problems with the remaining roll gate. On Wednesday EWEB informed Leaburg and McKenzie hatcheries that they were unable to maintain lake level and that the supply to McKenzie would not be online again until the roll gates were repaired.

### Minto

Species	Weekly Total	Cum. Total	Recycled/outplanted	Rel. Upstream
Coho	6	96	0	0
StS	0	1861	1389	0
CHS	0	3815	848	781

- The flapper gates were installed on the presort pool last Friday and failed, the ladder and presort were not able to reach full pool with the restricted pipe. Slayden came out Tuesday and removed the gates and all flow returned to normal. .
- High muddy flows continue this week, 10,000 CFS. Niagara gas levels remain very high 135%.

### **Roaring River**

- No hot topics for this report

### **Rock Creek**

- No hot topics for this report

### **S. Santiam**

- No hot topics for this report

### **Willamette**

- Update for Willamette. The December 20th storm hit hard with flows higher than the 96 flood event in Salmon creek. There were 4 inches left of the intake wall before the river would have crested it. The flooding went completely over the intake road and washed a lot of the gravel off it. The hatchery had 24 hr. staffing on the screens from Saturday to Tuesday and was finally to about three hours between cleanings. A lot of hours for the crew but they made it through. The snow level came down on the next storm.