

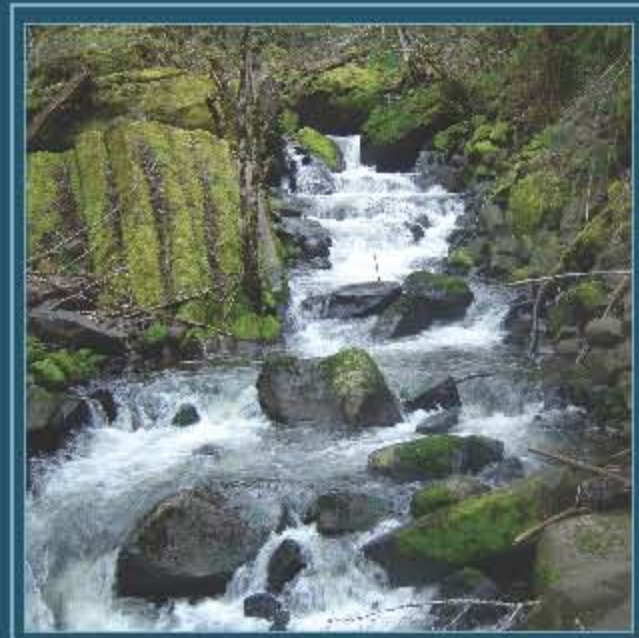
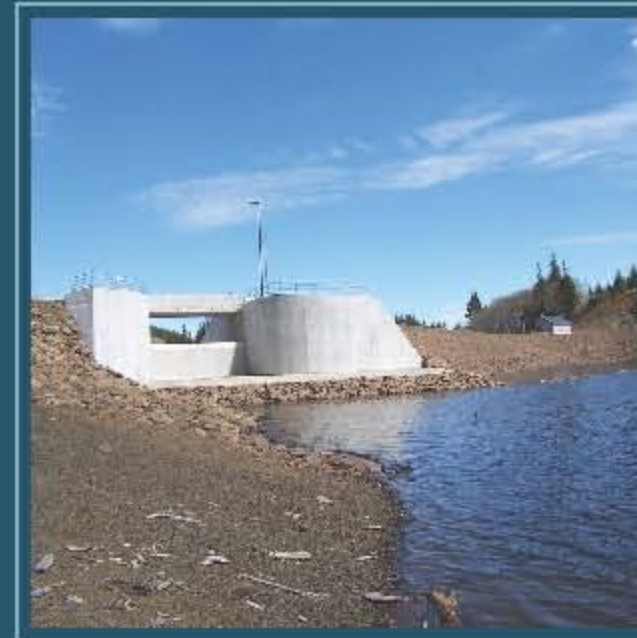
# MCGUIRE RESERVOIR EXPANSION

MCMINNVILLE WATER AND LIGHT, OREGON



## KEY PROJECT HIGHLIGHTS

- 30-foot earth/rockfill dam raise with seismic upgrades
- 160,000 cubic yards of earth and rock material placement
- Construction of new spillway, headworks and outlet facilities
- 1,200 feet of large diameter welded steel piping
- Three miles of roadway relocation
- Landslide mitigation
- On-site and off-site wetlands construction and mitigation
- Fish passage and fish screening improvements
- Automated control systems with dam safety enhancements



*This project won  
the PNWS-AWWA's  
first ever  
Excellence in  
Engineering Award  
for Large Projects  
in 2006.*



Murray, Smith & Associates, Inc.  
Engineers/Planners

WASHINGTON

OREGON

IDAHO