

*Information to post on Umpqua NF Website  
February 5, 2013*

### **Champion Mine Reclamation Update**

The wetland treatment system constructed for the Champion Mine CERCLA site was completed in September of 2009. The wetlands, which remove iron, arsenic, and other metal precipitates from the adit drainage, include a settling pond and a five-tiered vegetated system that flows directly into Champion Creek. Polyacrylamide Flocculation Enhancement Logs (Floc Logs) were also installed in three concrete catch basins immediately upstream of the settling pond to help the metal precipitates settle out of the adit drainage water. The in-water wetland vegetation has thrived and new emergent vegetation is evident every year on the banks and upland slopes of the tiered wetland system. Culvert, erosion and wetland inspections and installation of new Floc Logs are conducted annually at the site, with repairs and maintenance performed as needed.



July 21, 1993 -- Champion Mine before the reclamation took place.

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October 20, 2011 -- Champion Mine two years after the reclamation was finished.



October 20, 2011 -- Champion Mine two years after the reclamation was finished.

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October 17, 2012 -- Champion Mine three years after the reclamation was finished.