

Ski Slope Native Plant Re-vegetation Project, Phase Two, Humboldt-Toiyabe NF in Partnership with Mt. Rose Ski Tahoe

2010 Accomplishments

This project is the second phase of the ski slope restoration work funded in FY 2009. The objective for the first phase is to develop seed mixes for ski run re-vegetation which include appropriate local native plants. Nine ski resorts located on six national forests are participating in the project. Phase Two of the project is in conjunction with Mt. Rose Ski Resort only, and is focused on the development of containerized plants for the restoration of unstable ski slopes on the National Forest portion of the resort.

- **Soil Scientist and Consultant , Michael Hogan with Integrated Environmental Restoration Services met with the Carson Ranger District botanist and hydrologist to formulate a restoration strategy for the Bonanza ski run.**

- **Wood chips were obtained from local fuels reduction work and were hand applied by resort personnel to sections of the ski run. The chips were not incorporated in the soil but were applied to the ground surface due to the steep nature of this area and equipment limitations.**

- **A local native plant company, Comstock Seed, collected seed from ten different plant species including grasses, forbs, and shrubs. The species included in the collection were based on plants which occur at the resort and perform well in sediment control.**

- **Washoe Nursery, managed by Nevada Division of Forestry was contacted to provide the containerized plant materials. The ski run is scheduled to be planted in the spring and fall of 2012. At that time the woodchips will have decomposed to a stage where they will contribute organic matter to the site. In addition, the containerized plants will be of a sufficient size to better withstand the harsh growing conditions of this area.**



Figure 1: Graded section of Upper Bonanza Run, Mt. Rose Ski Resort, Humboldt-Toiyabe NF

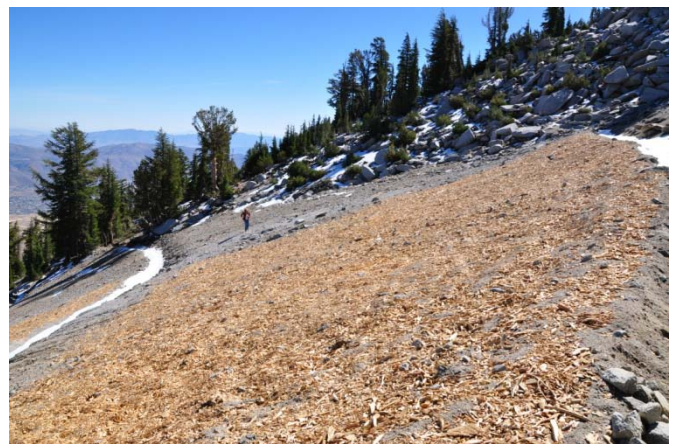


Figure 2: Section of Upper Bonanza Run amended with wood chips

Year Awarded: initial award in 2010

Project completion: 2013

Report number: 1 of 3

Expenditures (FY10): 20,800 Region 4 award

Partners/Contractors/Coop: Integrated Environmental Restoration Services, Mt Rose Ski Tahoe Resort, Nevada Division of Forestry – Washoe Nursery

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