

# Porter Canyon Experimental Watershed Tour

## Nevada's Fully Instrumented Watershed

August 20, 2014

9 AM to 3 PM

Come See What Is New and Ongoing

Presented by: UNR College of Agriculture & USDA Agricultural Research Service, Reno

### History

Project Initiation: 2009

Groundwater wells: 2009-to-date

Vegetation Baseline: 2009

Springs: 2010-to-date

Scan Station: 2010 to-date

Tree Rainfall Interception: 2010-12

Hillslope Erosion: 2010-12

Tree Water Use: 2011-to-date

Sagebrush Water Use: 2014

Snow Instrumentation: 2013

GSFlow Watershed Scale Model: 2014



To RSVP contact: Tamzen Stringham

Email: [tstringham@cabnr.unr.edu](mailto:tstringham@cabnr.unr.edu)

Maps to location upon request

Location: Smith Creek Ranch; Porter Canyon  
Lander County NV, 89310



Project Goals: (1) quantify the impact of tree felling within a PJ dominated watershed on the reestablishment of the historical sagebrush plant community and (2) on the hydrologic budget at the watershed scale and soil erosion potential at multiple scales.