

**From:** Priscilla Burton  
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>>> Ingrid Campbell Wednesday, October 13, 2010 11:22 AM >>>  
Hello All-

Just in case you were interested, here is a summary of the results of this years White Oak Vegetation Sampling (Baseline). The South Facing slope was divided into 7 transects with 3 focused directly on the treatment area. The North facing slope was divided into 3 transects. The reference area also had one transect.

The Reference area had a total living cover of 67% consisting mainly of grasses (Kentucky Bluegrass and Smooth Brome) and shrubs/trees (Sagebrush, Snakeweed and Aspen). To give you an idea, Dr. Collins considers anything over about 50% cover to be a successful reclaimed site.

The south facing slope treatment area has a ways to go to come close to the reference area numbers. It averaged a total living cover of 10% consisting mainly of grasses and forbs (fireweed, englemann aster, western wheatgrass and Smooth Brome) and very few shrubs (Approx. 2% of the living cover).

The North Facing slope, as we expected, is doing much better than the south. It averaged 39% total living cover consisting of grasses and forbs (Englemann aster, Yarrow, Lupine, Kentucky bluegrass and smooth brome) and about 5% of the total living cover was shrubs (Sagebrush, and aspen).

Let me know if you would like more info, but that is a rough synopsis. I will be working to put all of this data in a more formal report in the future. Hopefully, we can continue to monitor the site in the years to come to see how well the treatment project worked. I have photos of all ten of the transects which will be taken every year to record progress.

Ingrid