

TENMILE-SOUTH HELENA WATERSHED AND FIRE



Current Conditions



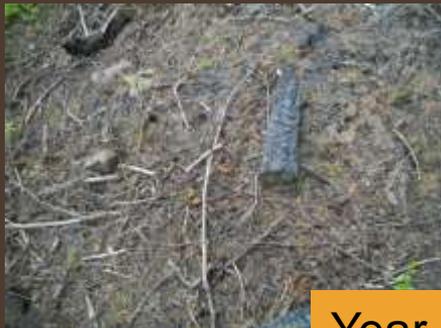
Fuels Reduction: Planned vs. unplanned



Mechanical fuel reduction



Prescribed Fire – pile burning



Year 1



Year 4

Prescribed Fire – low to moderate severity



Prescribed Fire – low to moderate severity



Prescribed Fire – low to moderate severity



Prescribed Fire – low to moderate severity



Prescribed Fire – low to moderate severity



First year post-fire vegetation recovery in low severity burn

Wildfire – Moderate to High Severity



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Wildfire – Moderate to High Severity



**Second year post-fire vegetation recovery
in moderate to high severity burn**

Extensive, contiguous burns



Elevated runoff and erosion



Channel erosion, sedimentation



Fine sediment deposition

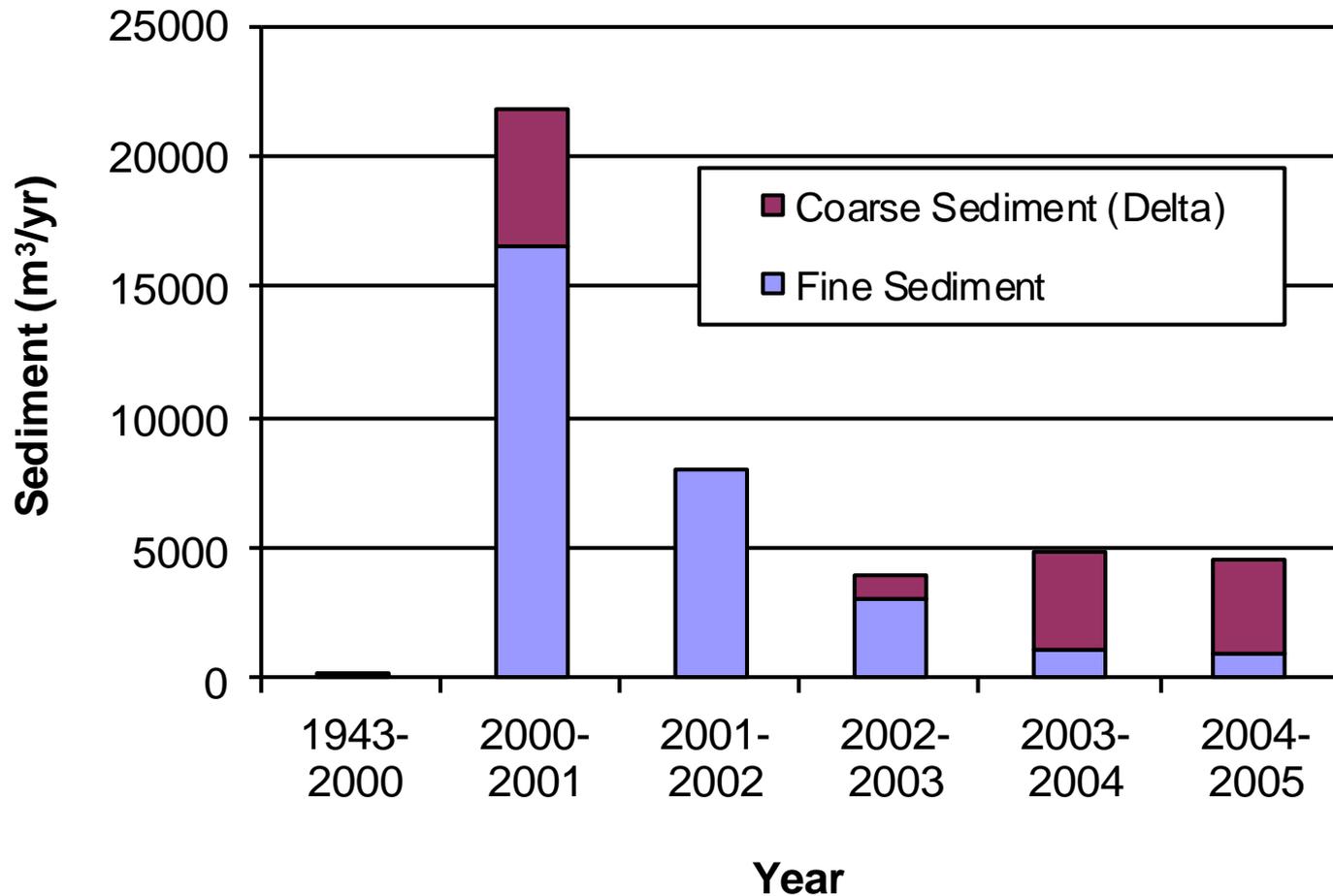


Debris torrent: Meriwether Canyon Recreation Site



Sediment Yield, Los Alamos Canyon

Cerro Grande Fire, 2000-2005



Water Quality Concerns





Questions?