



Presentation Overview

- Name: Elizabeth Ott-Bales
- Position: Open Space Management Technician – AmeriCorps Member, State/National
- Overview: Crystal Peak Restoration Plan and Bartley Ranch Restoration Plan



AmeriCorps



Crystal Peak Restoration

Upper Parking Lot

- Restoring native perennial species to this old NDOT Rest Stop
 - Species include
 - Rabbitbrush
 - Sagebrush
 - Bitterbrush





Crystal Peak Restoration

Volunteer Plantings

- May 2021 Volunteer Event
- April 2022 Volunteer Event
 - Volunteers planted 250 plants
 - Native Species including; Sage, Rabbit, and Bitter Brush
 - Drip irrigation for each new plant





Crystal Peak Restoration

Restoring Native Species

- Fall of 2021 we spread native perennial grass seed mix on the Fisherman Trail side of Crystal Peak.
- Removed invasive species
 - Spotted Knapweed

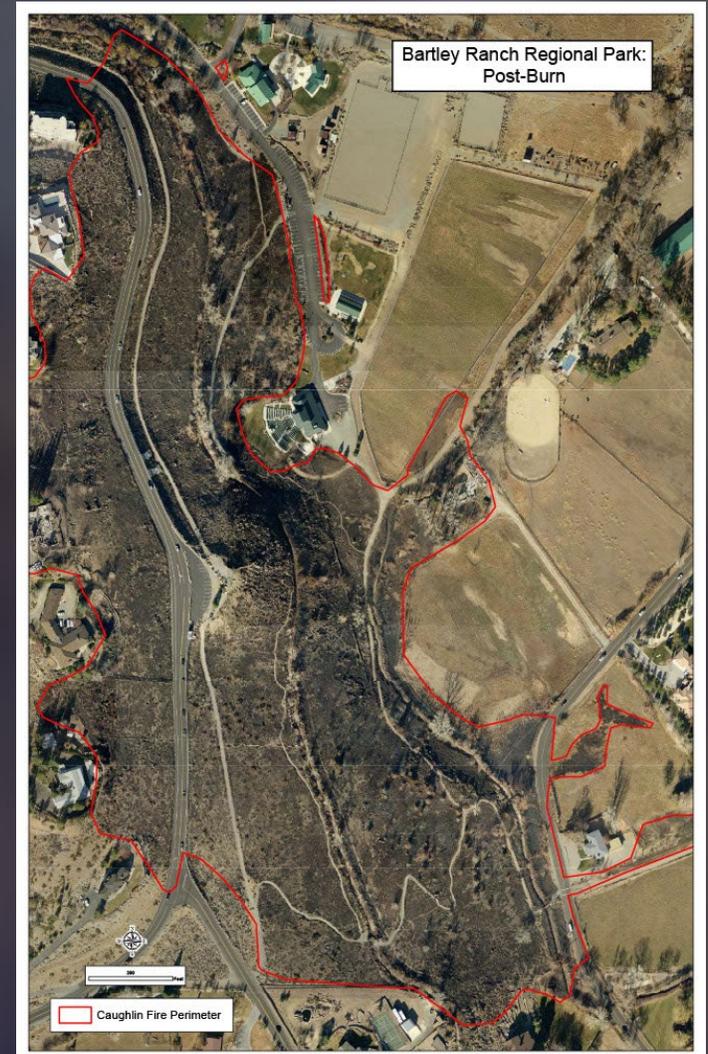




Bartley Ranch Restoration

Wildfire in November of 2011 that burned nearly half of Bartley's 56 acres.

- Post-fire rehabilitation is important for the stabilization of soils, the establishment of perennial vegetation, and to promote water retention.





Bartley Ranch Restoration

Since the winter of 2020, there have been volunteer groups planting nearly 3,000 native perennial plants.

- 13 different species
- **Notable volunteer groups**
 - Great Basin Institute (GBI) crew Fall of 2020, 2021, and 2022
 - KTMB Great Community Cleanup day 2022





Bartley Ranch Restoration

- September 2021 plant inventory and GPS marking
 - 67% success rate in which restoration plants lived
- Spring of 2022
 - Checking and repairing drip irrigation
 - Weeding around established plants
 - Marking plant replacements for volunteer events



Future Planned Work

- Weed inventory of parks and open spaces
- Weed removal
 - Physical, mechanical, or chemical
- Finishing the Rancho San Rafael Pollinator Garden
- Adding new planting section to Bartley Ranch Restoration plan
- Planting trees at the Crystal Peak upper parking lot

