

Nevada Partners for Conservation and Development

Contact:

Lee Turner

leeturner@ndow.org

775-688-1542

Nevada Partners for Conservation and Development (NPCD)

– 50,000 ft view

- Governor's 'War on Cheatgrass'
- Ecological problems and their magnitude
 - Pinyon-Juniper expansion
 - Annual grasses invading
 - Undesirable wildfire
 - » Loss of perennial understory
- New way to do habitat restoration in Nevada
 - Grassroots approach
 - Collaborative process
 - Inclusive
- How does NPCD relate to this symposium?

Nevada Partners for Conservation and Development (NPCD)

– Why is this important?

- Protect Nevada's biological diversity
 - Nevada ranks high for all measures of diversity
- Restore productive rangeland ecosystems to support wildlife and livestock
- Provide high quality outdoor recreation opportunities



What the NPCD is and is not

- Not a new planning effort
 - Act as implementation arm for existing planning efforts
- Not intended to disrupt ongoing agency or other entities' restoration work
 - Add value and expand scope on existing projects
- Additional intentions:
 - Facilitate diverse coalition building
 - Initiate new project work
 - Aid in pre and post-treatment monitoring
 - Implement projects that address scale of problem

UtahPCD as Case Study

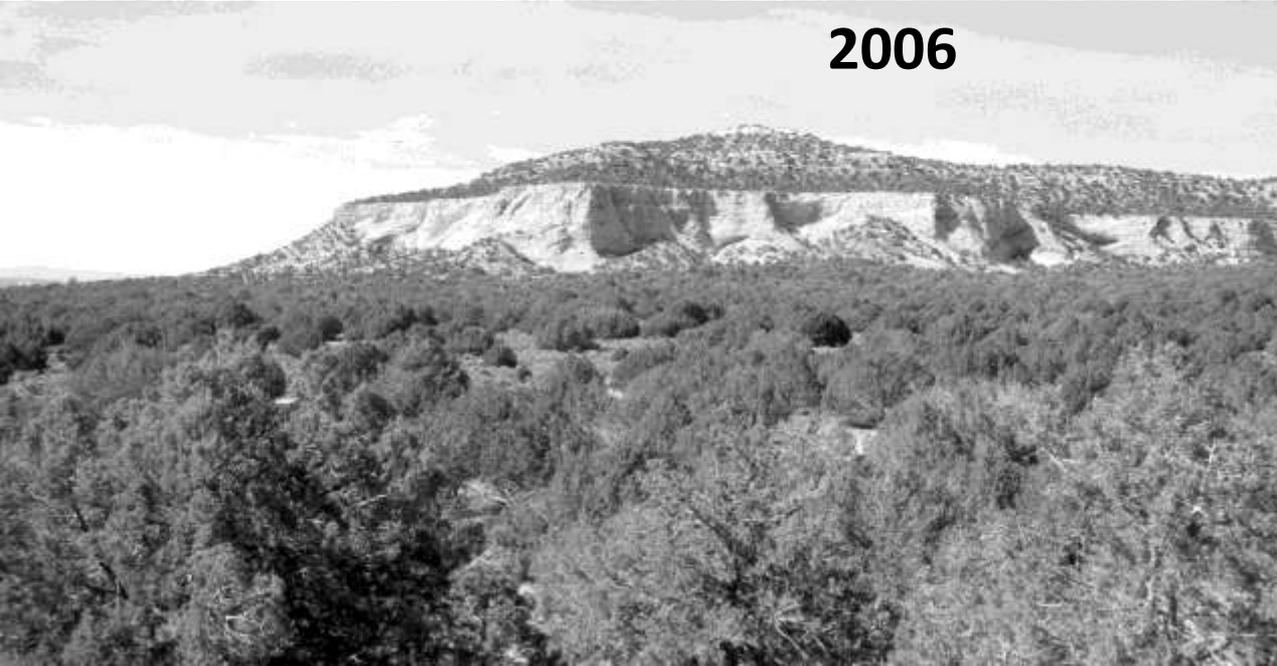
- Why has UtahPCD been successful?
- Formed ~10 years ago
- Treated > 1,200,000 acres to date
- Diverse partnerships
 - ALL stakeholders including adversarial groups
 - Local working groups
- Projects of various size and purpose
 - Scale of projects addresses scale of problem
- Cross boundaries
 - Weeds and fire pay no attention to arbitrary boundaries
- Funding
 - BLM and other agency project dollars
 - State legislature support on annual basis
 - Leverage funding 2:1 up to 4:1 match

Harris Point, Utah

1936



2006



Utah's Ecological Problems

- Expansion of pinyon juniper vegetation
- Loss of species-rich, perennial understory vegetation
- Reduced ability to support wildlife and livestock
- Photo could be from Nevada
- Ecological site common

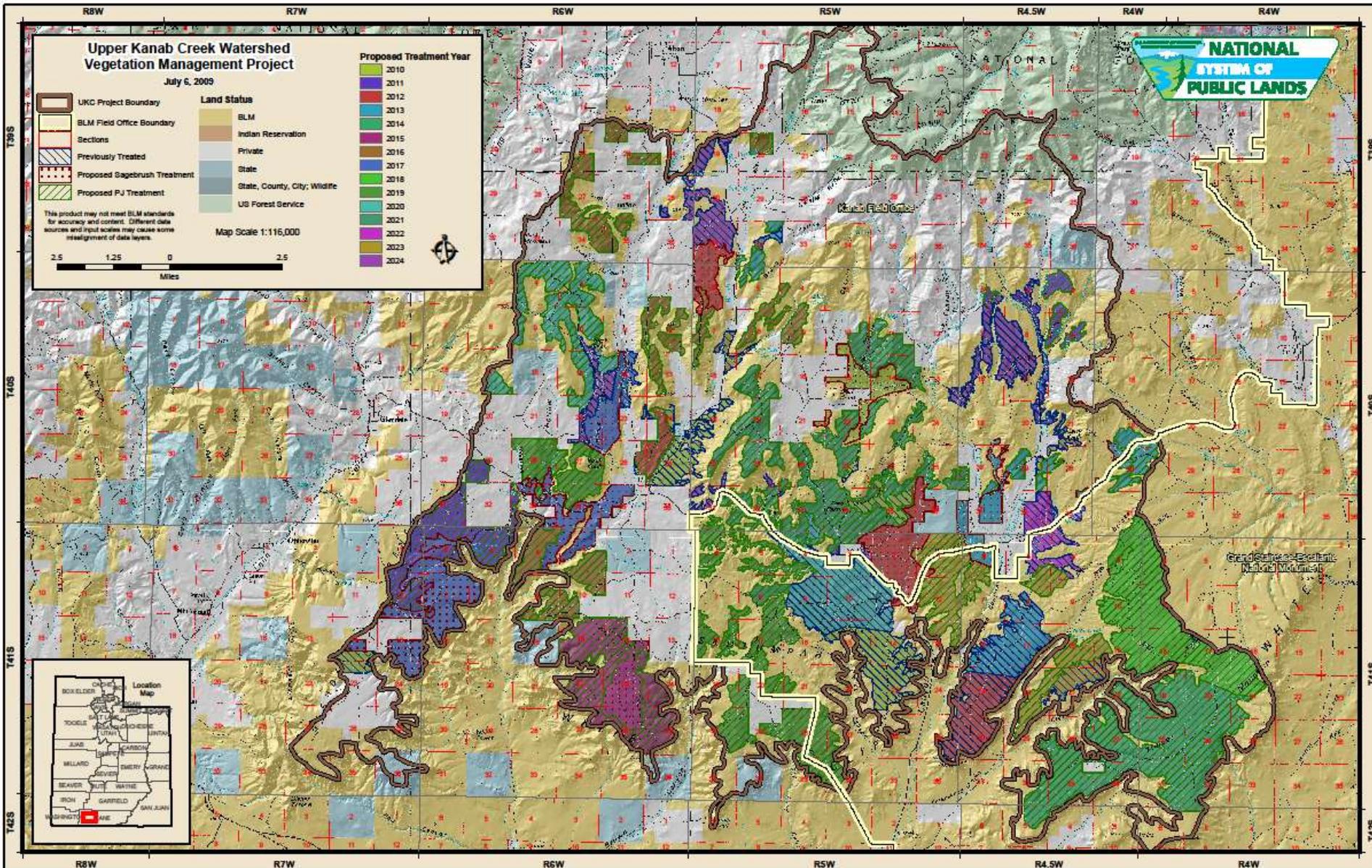


Utah's Ecological Problems



- Introduced invasive species increase fire risk
- Longer fire season
- Increased fire intensity and rates of spread
- Photo could be from Nevada
- Ecological site common

How is UtahPCD addressing the scale of the problems?



Treatment Options

Masticators



Dixie Harrow

Prescribed Fire



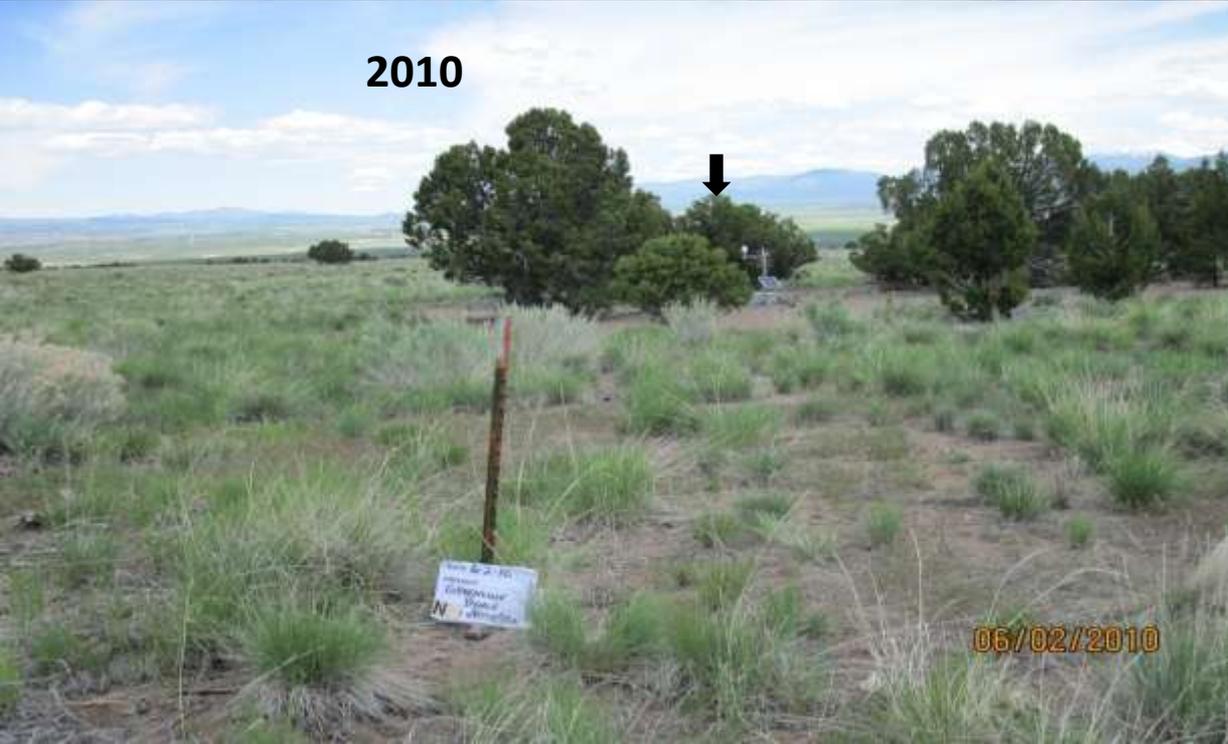
Sawyers



2003

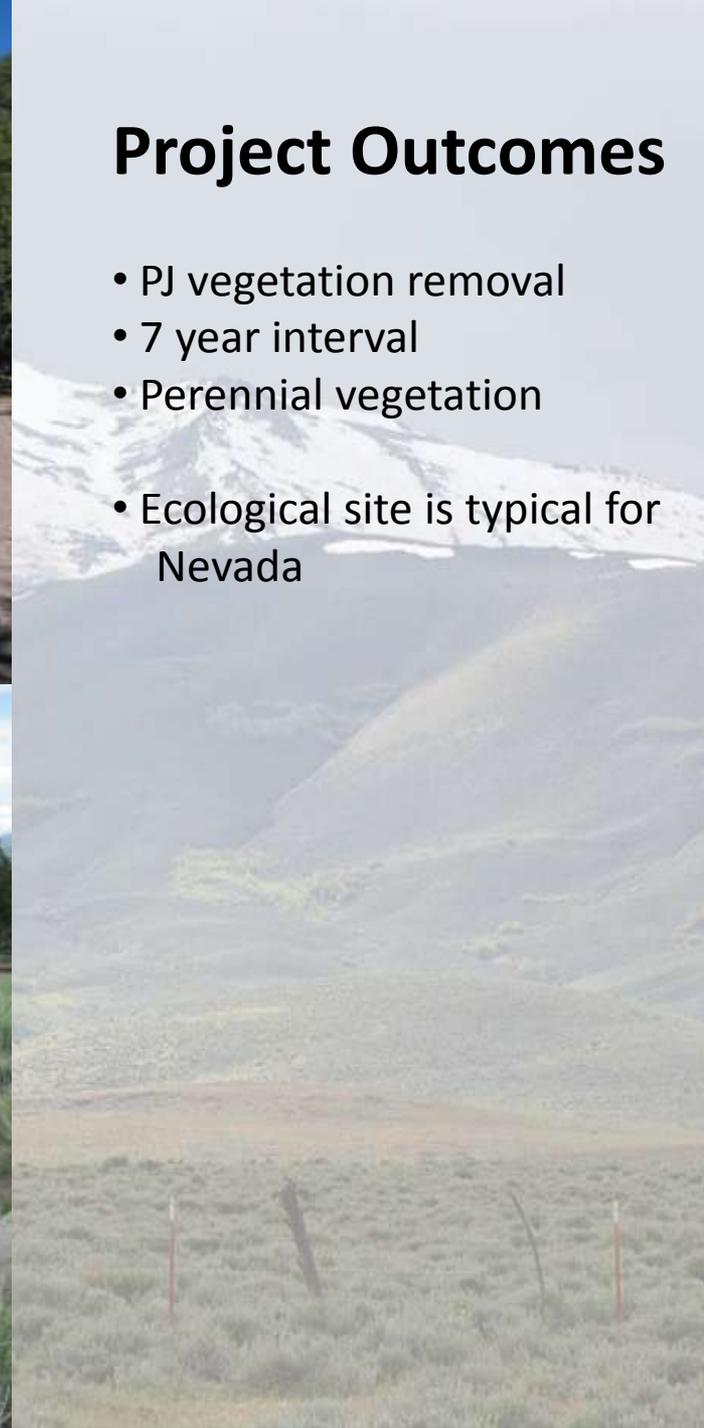


2010



Project Outcomes

- PJ vegetation removal
- 7 year interval
- Perennial vegetation
- Ecological site is typical for Nevada



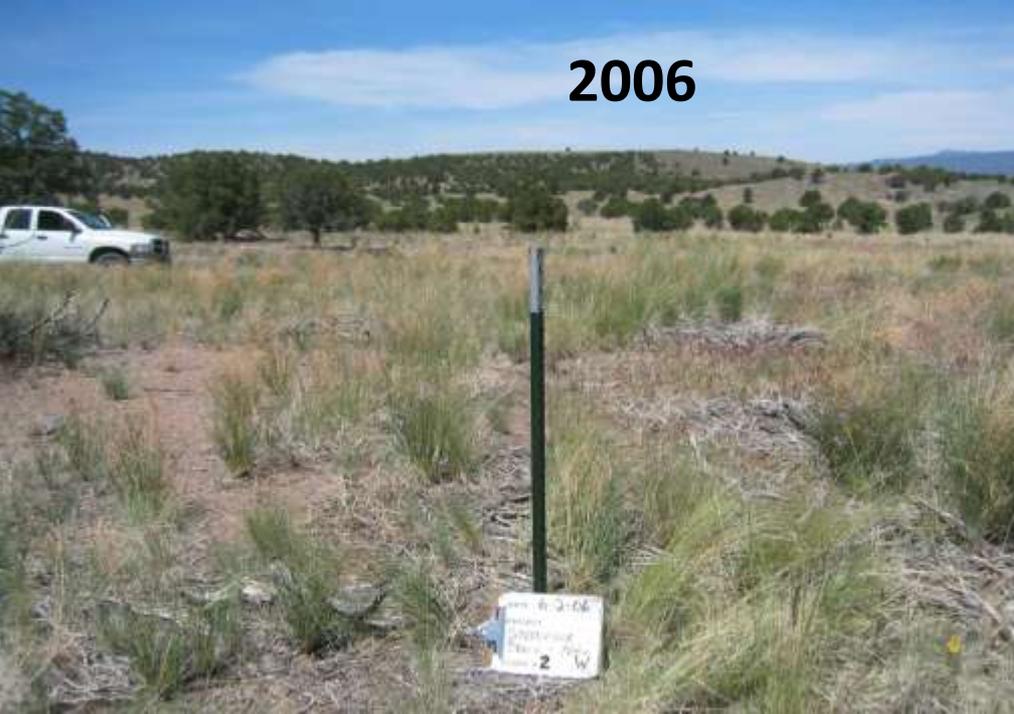


2003

Greenville Bench

- buckwheat
- tansy mustard
- twistflower
- spurge
- prickly pear cactus
- rubber rabbitbrush
- Utah juniper
- pinyon pine

- Seeded with native species
- Ecological site is typical for Nevada



2006

- indian ricegrass
- bluebunch wheatgrass
- western wheatgrass
- bottlebrush squirreltail
- muttongrass
- intermediate wheatgrass
- prickly lettuce
- agoseris
- tansy mustard
- cheatgrass
- big sagebrush
- lewis flax
- penstemon
- dusty maiden
- buckwheat
- aster
- locoweed
- sweet clover
- broom snakeweed
- prickly pear cactus
- Utah juniper

NPCD Working Group Boundaries DRAFT



Who needs to be included in your area?
Please email or call me with your ideas.

Representation on working groups:

- Private landowners
- Sportsmen
- Conservation
- Agency personnel
- County commissioner
- Tribal
- University
- Other NGO
- Sage Grouse PMU

Participation needs to be open



Nevada Partners for Conservation and Development

Contact:

Lee Turner

leeturner@ndow.org

775-688-1542

Signers of the MOU for the NPCD

- Agricultural Research Service
 - Bureau of Indian Affairs
 - Bureau of Land Management
 - Natural Resource Conservation Service
 - U. S. Fish and Wildlife Service
 - U. S. Forest Service
 - U.S.F.S. Rocky Mountain Research Station
 - Nevada Department of Agriculture
 - Nevada Department of Conservation and Natural Resources
 - Nevada Department of Wildlife
 - Nevada Division of Forestry
 - Nevada Historic Preservation Office
 - Nevada State Lands
 - University of Nevada Reno
 - University of Nevada Cooperative Extension Service
- Non-governmental organizations**
- Nevada Association of Counties
 - Nevada Mining Association
 - Nevada Cattleman's Association
 - The Nature Conservancy
 - Nevada Muleys
 - Rocky Mountain Elk Foundation
 - Nevada Bighorns Unlimited
 - Intermountain West Joint Venture

Altering Fire Behavior

Ash Creek Fuels Treatment

Blue Springs Fire



Current status of Nevada Partners for Conservation and Development

- Met with Directors
 - Federal agencies
 - State agencies
- Signed MOU and Charter
- Presenting to BLM, USFS, NDOW, Counties
 - NGOs
- Identifying projects
- Form local working groups