



# Three Meadows Update

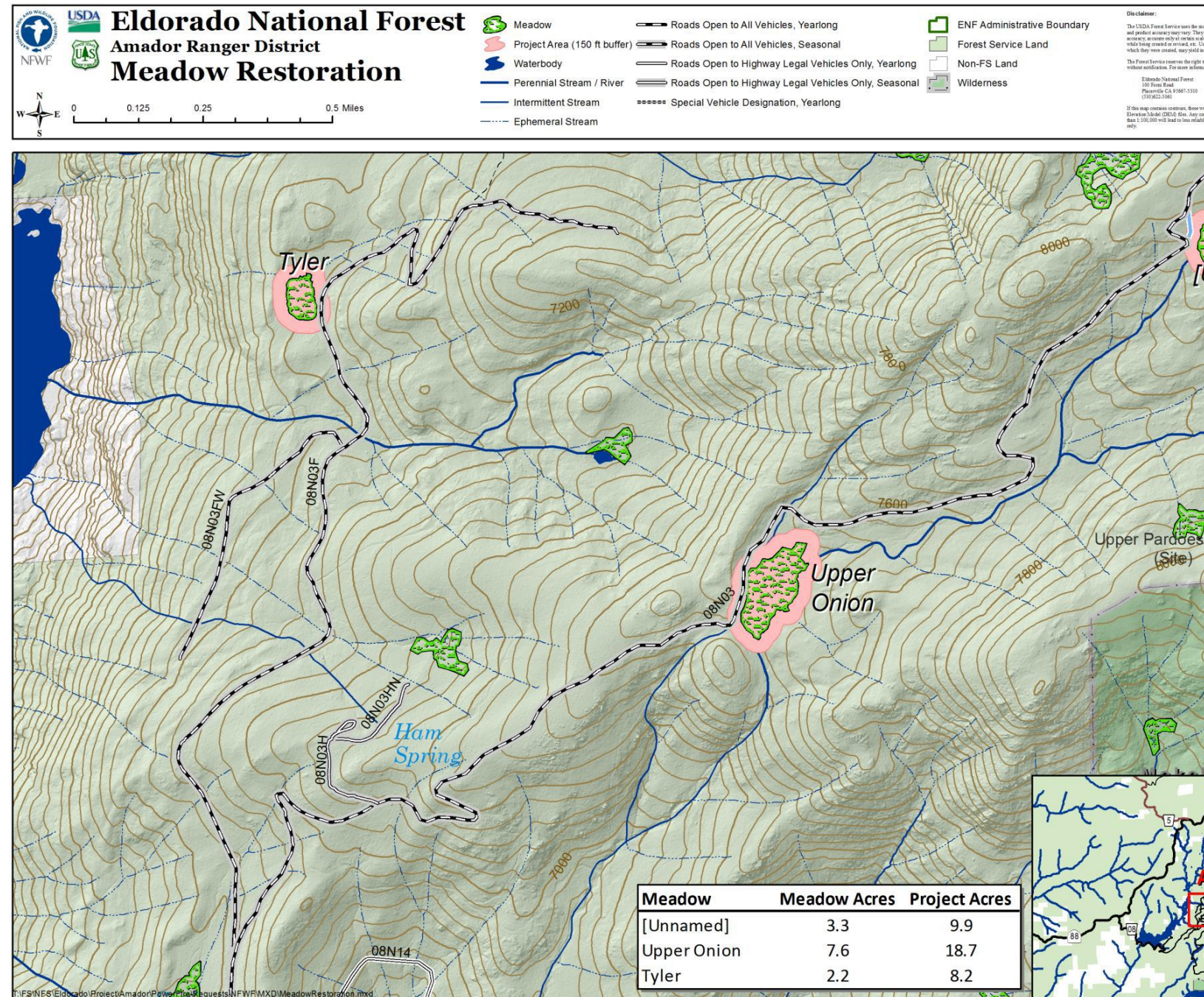
Gwen Starrett,  
ACCG member

Upper Onion Valley, photo  
by Chris Fuller



# Three Meadows Restoration

- Restore watershed services
- Restore hydrology
- Improve meadow habitat for sensitive species





# Three Meadows Restoration Planning and Implementation Timeline

## Project Proponent Lead Amador RCD

### Restoration Designs

#### Waterways

Completed Survey Work, Fall 2018

Preliminary Design Selection and Cost Estimates – Feb. 2019

60% Designs for Upper Onion Valley

30% Designs for Tyler and “High” Onion

### NEPA

#### Resource Concepts Inc.

Scoping Document, April 2019

Resource Specialists Assessments and Reports, Dec. 2019

Draft Decision Memo

Final Decision Memo – June 2020

### Implementation Phase

NFWF Grant deadline – February 26, 2019

#### Amador RCD

Permitting Complete – 2020

Implementation – Field season 2021

Deadline – Sep. 2021

Ongoing Volunteer Component of Implementation and Monitoring

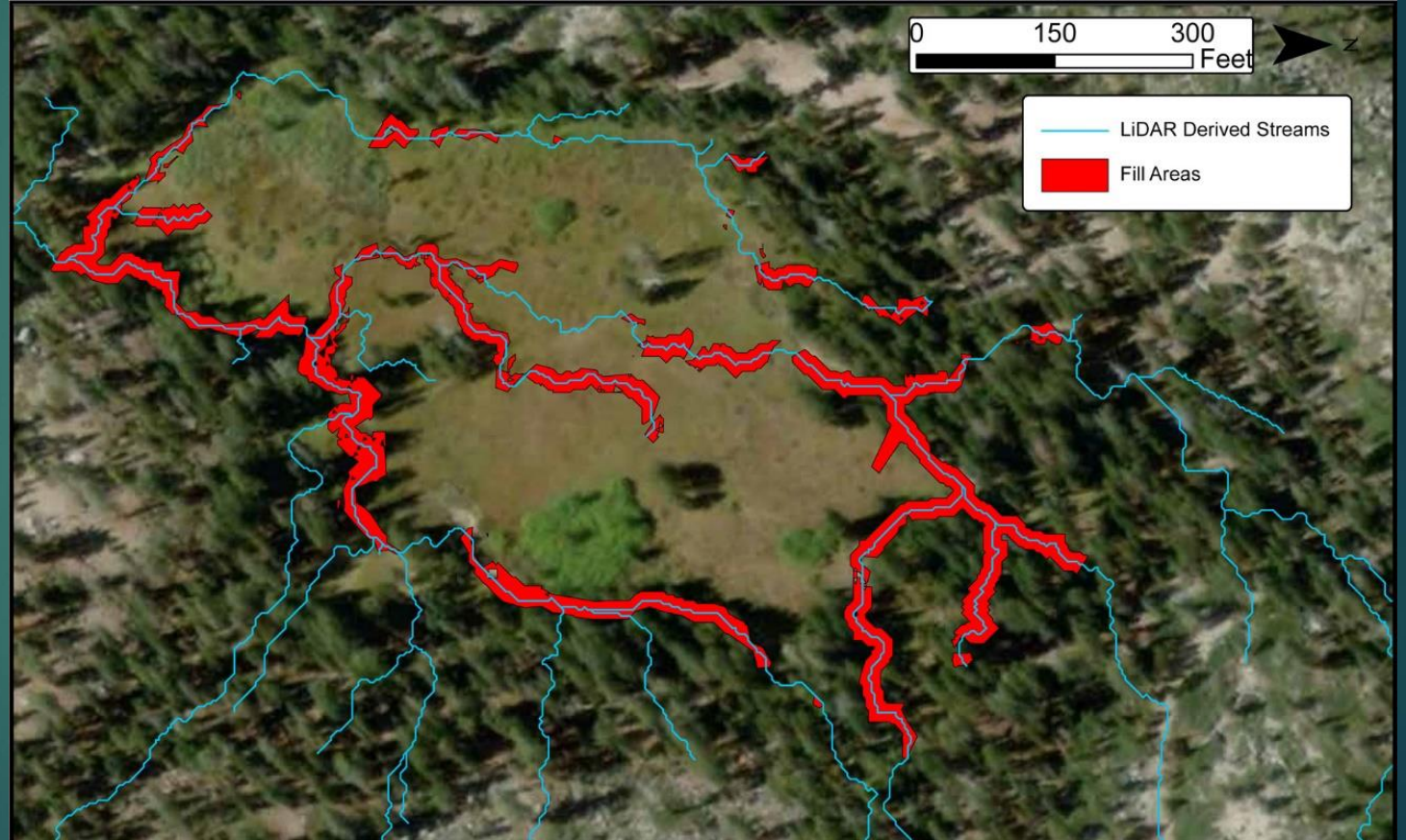
2018-2021

Fall 2018 to Summer 2020

Fall 2019 to Summer 2021

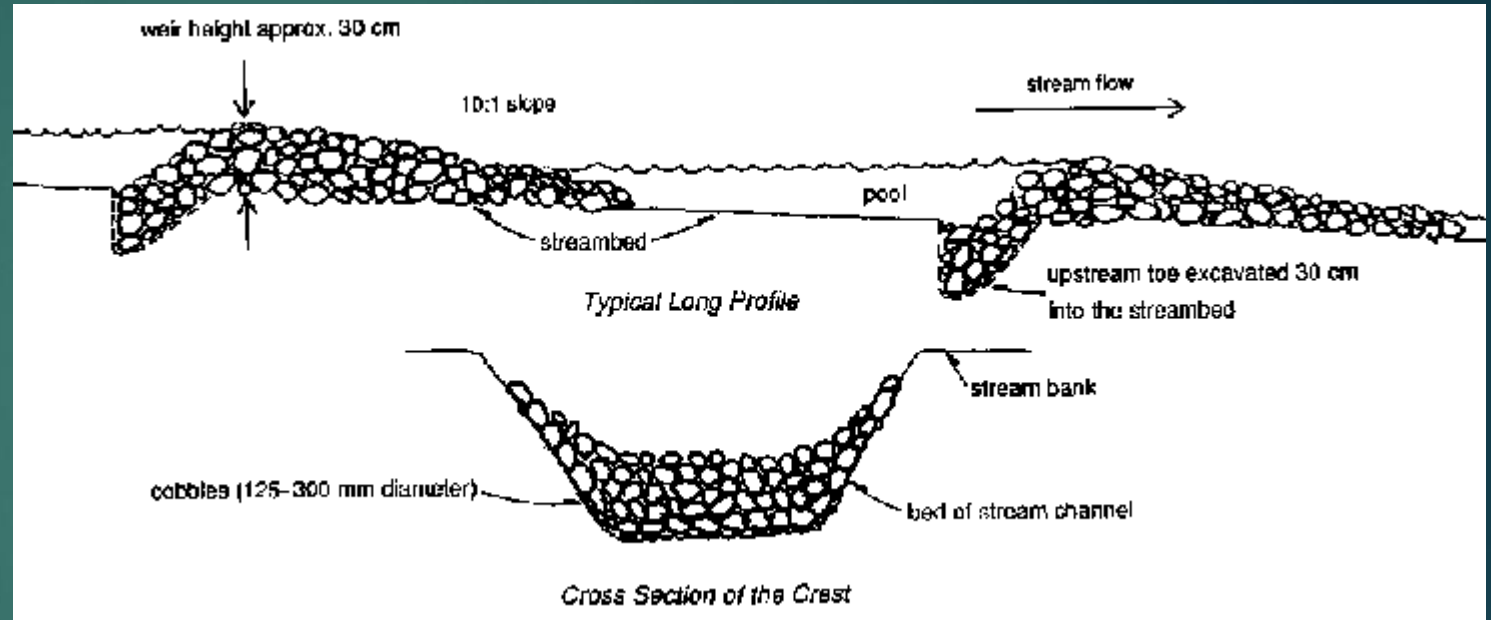
# Restoration Techniques

- ▶ Fill (Stage 0 Restoration)
- ▶ “Constructed Riffles”  
Rock and Woody  
Debris Grade Control  
Structures
- ▶ Combination of fill and  
riffles
- ▶ Log Weirs (small  
channels in High  
Onion and Tyler)
- ▶ Temporary Fencing



# Restoration Techniques

- ▶ Fill
- ▶ “Constructed Riffles”  
Rock and Woody  
Debris Grade Control  
Structures
- ▶ Combination of fill and  
riffles
- ▶ Log Weirs (small  
channels in High  
Onion and Tyler)
- ▶ Temporary Fencing

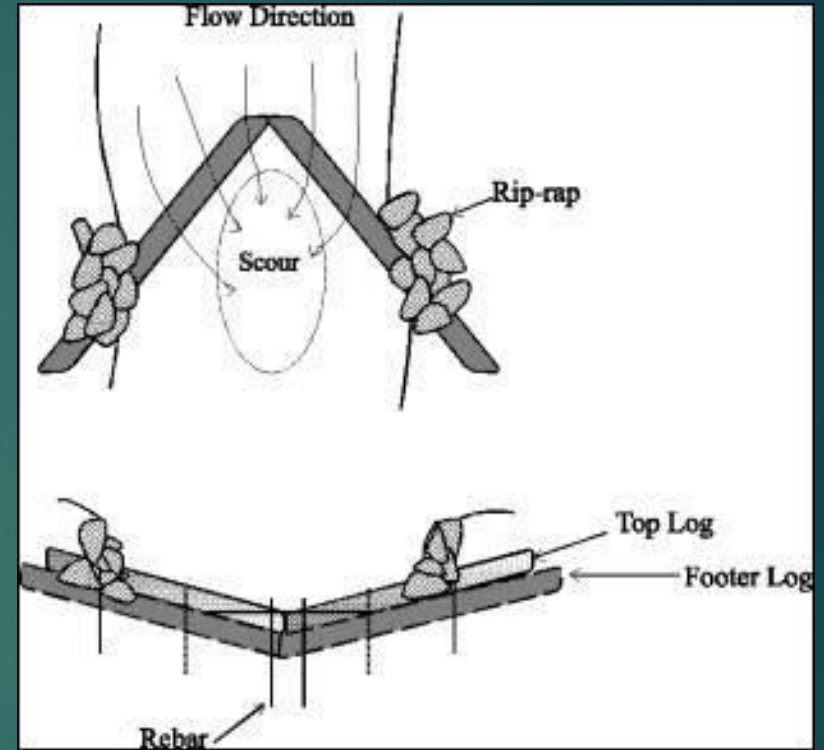




# Restoration Techniques



- Log Weirs (small channels in High Onion and Tyler)





# Restoration Techniques



- ▶ Temporary Fencing / Grazing Management







# Upper Onion Valley


Implementation and Monitoring 2018

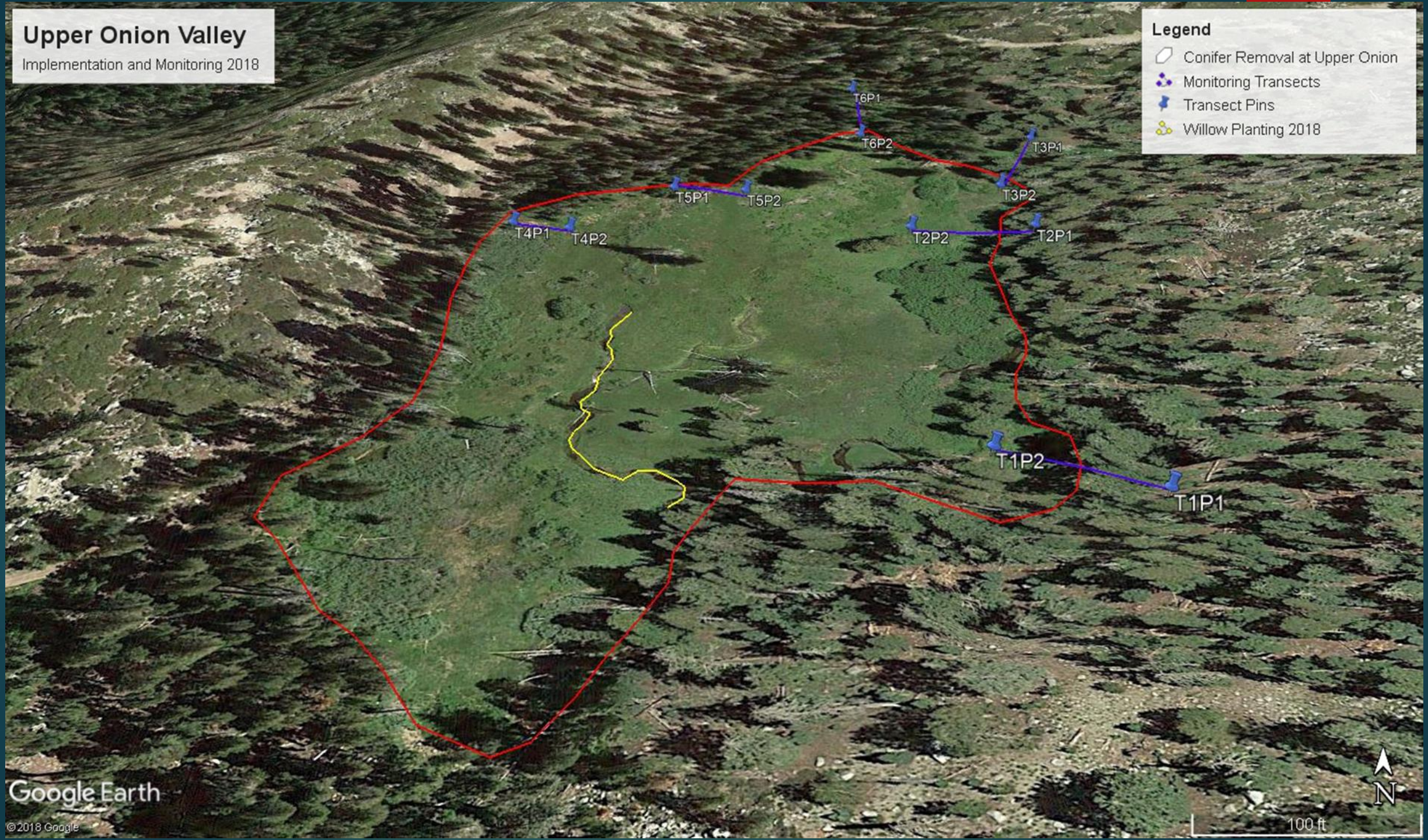
Legend

 Conifer Removal at Upper Onion

 Monitoring Transects

 Transect Pins

 Willow Planting 2018





# 2018 Accomplishments

- ▶ Road repairs on 8N03 and 8N03F
- ▶ Completed 6 monitoring transects (pre-implementation)
- ▶ Removed conifers from Upper Onion Valley meadow footprint (7.5 acres)
- ▶ Started conifer removal in boundary area
- ▶ Planted willows along incised channel (370 feet)
- ▶ 25 volunteers
- ▶ 3 USFS ecologists
- ▶ NFWF in-kind services

