

# **LAHONTAN WATER BOARD SEP PROGRAM UPDATE**

**Item No. 8  
July 9, 2015**

# FEBRUARY 12, 2014 BOARD ACTION

- Adopted Resolution R6T-2014-0014  
(SEP Program)
- Adopted Resolution R6T-2014-0015  
(Pilot Program)

# SEP PILOT PROGRAM

- Truckee River Watershed Council (TRWC)
- Elizabethtown Meadows Restoration
- Dry Creek Restoration
- Middle Martis Creek Wetlands Restoration
- **Board-Approved Funding = \$704,000**

# ELIZABETHTOWN MEADOWS RESTORATION

- CEQA document completed May, 2014
- Permit applications submitted July, 2104
- Project design completed November, 2014
- Funding from additional entities is fully secured
- Construction postponed pending:
  - Liberty Energy powerline replacement
  - Determine extent of impact from powerline in project area
  - Implementation possible in 2015 pending agreements with Liberty

# ELIZABETHTOWN CAPTURED DRAINAGE

- Spring/Seep Channelized Along Utility Cable Line
- Drainage Incised And Straightened
- Restore Channel Back to Grade

Photo by Beth Christman, June 2015  
Truckee River Watershed Council



## Access Road

- Bisects Meadow
- Recontour to Connect Meadow

Photo by Beth Christman, June 2015  
Truckee River Watershed Council

# ELIZABETHTOWN: EXPECTED GAINS

- Restore 120 Feet of Incised Meadow Drainages
- Restore Hydrologic Connectivity to an Acre of Meadow
- Re-Contour and Revegetate 300-Ft Road Section
- Reconnect Three Seasonal Drainages to Reduce Erosion

# DRY CREEK RESTORATION

- Project Layout And Design Completed May, 2015
- Permit Applications Submitted June, 2015
- CEQA Document Completed June, 2015
- Construction Scheduled August, 2015
- Funding From Additional Entities Is Fully Secured





## DRY CREEK: INCISION

- Stream & Floodplain Disconnected
- Sagebrush Encroachment

Photo by Randy Westmoreland, USFS  
June, 2015

# DRY CREEK: EXPECTED GAINS

- Restore 14.2 Acres Meadow
- Restore 4,453 Feet Stream Channel
- Fill 3,393 Feet Eroding Gully

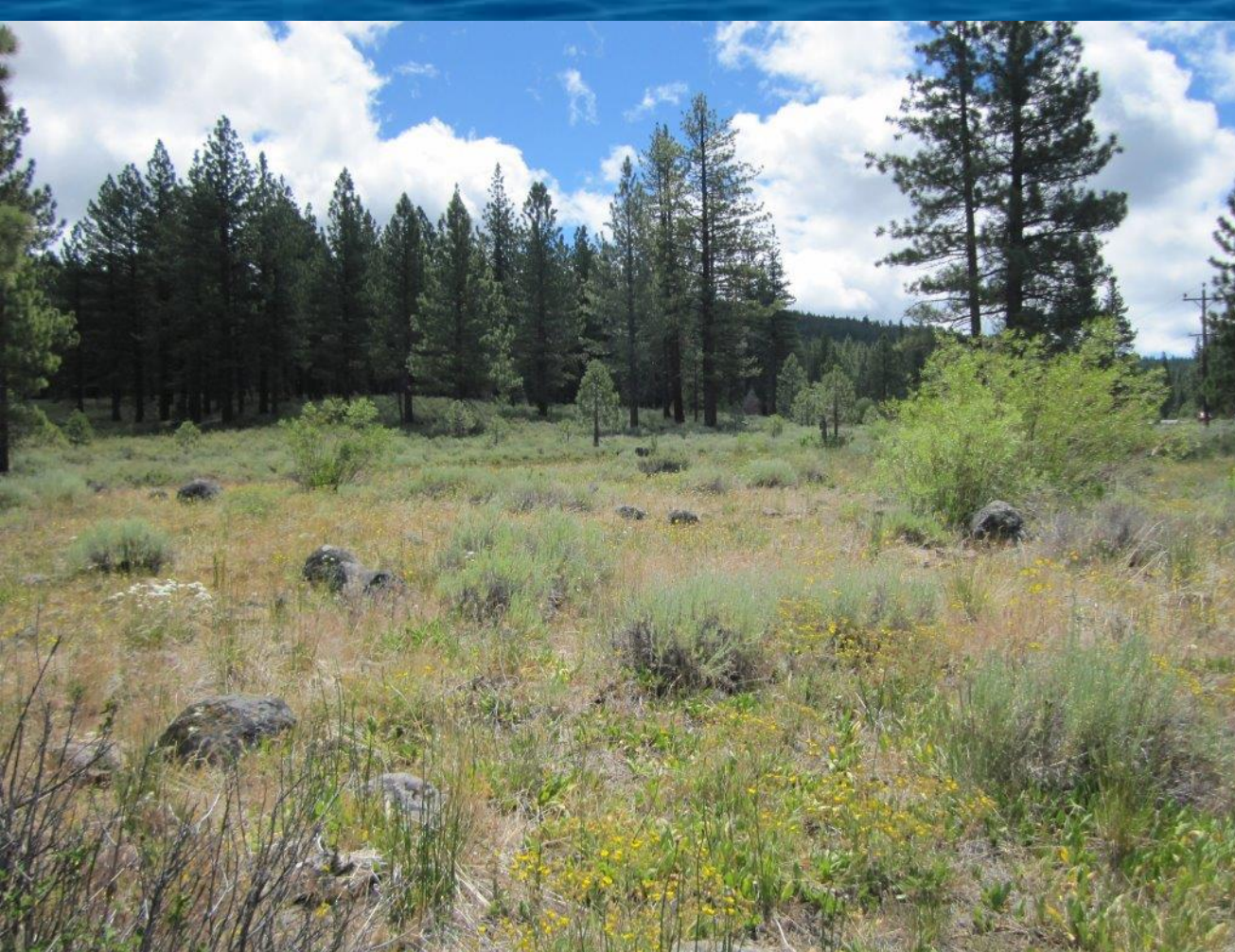
# MIDDLE MARTIS CREEK WETLANDS

- Construction Bid Package Released June, 2015
- Finalize CEQA Review And Project Permitting July 2015
- Construction Scheduled August, 2015
- Funding From Additional Entities Fully Secured.  
Includes Grant From DFW “Cap & Trade” Funding  
(Sierra-wide Study of Greenhouse Gas Benefits of Restoration)



# MIDDLE MARTIS: HEADCUT & EROSION

Photo by Beth Christman, June 2015  
Truckee River Watershed Council



# MIDDLE MARTIS: FORMER ALLUVIAL FAN (TO BE RESTORED)

Photo by Beth Christman, June 2015  
Truckee River Watershed Council

# MIDDLE MARTIS : EXPECTED GAINS

- Restore and Enhance 37 Acres Wetland Habitat
- Restore One Mile Historic Intermittent Channel
- Reduce 1.5 Miles of Existing Stream Channel Erosion
- Improve 2 Acres of Riparian Vegetation
- Reduce Flood Risk and Infrastructure Damage

# SEP PROGRAM EVALUATION: FEEDBACK

- Include Mechanism to Ensure Regular SEP List Update (New and Withdrawn Projects)
- Develop Project Submittal Form
- Allowable Overhead vs. Personnel Services and Operating Expenses

# SEP PROGRAM OUTREACH

- Truckee River Watershed Council
- Inyo-Mono IRWM
- Mojave Water Agency
- Transition Habitat Conservancy



## Waterboard – IRWM – Discharger Relationship

