Vegetation Management: Lower White River
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Need for the Work

• Increasingly dominated by Russian Olive and Tamarisk with reduction/elimination of native plants resulting in:
  • Reducing plant and insect diversity
  • Lower wildlife habitat diversity
  • Fuel accumulation
  • River narrowing
  • Simplified fish habitat
Objectives

• Decrease stems/acre of Russian Olive and Tamarisk
• Restore natural geomorphic process
• Reduce hazardous fuel loads
• Restore Cottonwood Galleries
• Improve water quality
Methods

• Heavy equipment (limited access on lower White)
• Hand crews (UCC and ACE)
• Cut-stump all invasive under Cottonwood canopy's
• Frill cut Russian olive not near Cottonwoods
Results 2014

• 50 acres of Russian olive (4 crews 6 weeks)
• 4 acres tamarisk (4 crews 4 weeks)
Results 2015

• Contracted 122 acres Russian Olive heavy equipment removal
• 1 UCC crews for 10 weeks
Results 2016/17

- ACE 21 days Frill cutting Russian Olive

- UCC 70 acres Frill cut Russian Olive
Results 2018

• 6 acres of Cottonwood gallery restoration
Future Plans

• Funded through Utah WRI for FY 19
• Work across land ownership boundaries
• Monitor fish response
• Gather new satellite imagery to plan efforts
Questions?