

# Upper Bear River Streambank Stabilization Project-Cal Price

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# Location

- 20 miles SE Montpelier
- Idaho/Wyoming border
- Upstream of Thomas Fork Confluence



# Existing conditions

- Low gradient stream
- Vertical to near vertical cutbanks
- No native riparian vegetation
- Uncohesive soils
- Restoration of 1,000 linear feet upstream





# Planning

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- Identified TMDL
- Not meeting beneficial uses
  - Cold water aquatic life
  - Salmonid spawning
- Bear River 303(d) listed
- Sediment and nutrients not meeting standards

# Treatments

- Bank shaping
- Rock rip wrap
- Re-vegetation
  - Extensive willow plantings
  - Arid seed mix
- Erosion control
- Barbs
  
- Cost-approx.  
\$25/linear foot



# Load Reductions

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- Nitrogen 83.6 lbs/yr
- Phosphorus 31.7 lbs/yr
- Sediment 25.5 tons/yr

# Monitoring

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Water chemistry

Photopoints

# Outreach

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- County fair
- Signage
- Press release

