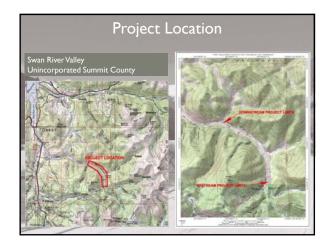
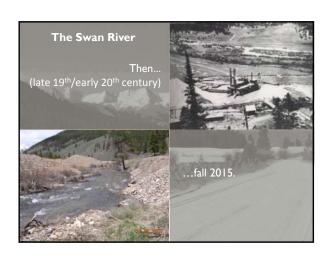


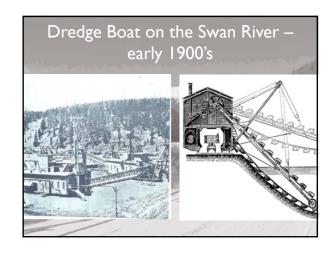


### Abandoned Mine Cleanup Efforts Peru Creek Brownfields Assessment Reviewed properties for environmental liabilities and cleanup potential (\$200,000 EPA Grant) B&B Mines Purchase and Cleanups Cleanup Projects Undertaken Wellington Oro, Jessie and Royal Tiger Pennsylvania Mine, Shoe Basin Mine, Sts John Mill, Brittle Silver Mill, Silver Spoon, Cinnamon Gulch, Delaware Mine (EPA – 319) Jumbo Mine, Illinois Gulch and four others under review Restoration of dredged reaches of Blue River and Swan River



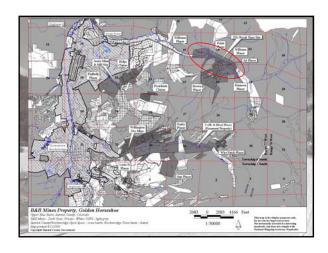














### **Project Partners and Supporters**

### **Public Agency**

- US Forest Service
- Town of Breckenridge
   Colorado Basin Roundtable
  & Colorado Water
   Conservation Board
- Colorado Parks and Wildlife
- US Fish and Wildlife Service
- **US Environmental Protection**
- Agency Colorado Division of Water Quality
- Colorado Division of Minerals and Geology
- US Army Corps of Engineers

### **Non-profit and Private**

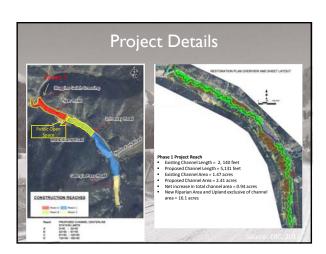
- Blue River Watershed Group
- Friends of Dillon Ranger District
- Colorado Trout Unlimited
- National Forest Foundation
- Adjacent private landowners

# Project Overview & Goals Create a natural, stable channel. Improve water quality and water conservation. Protecting and enhance existing wetlands. Restore, stream, riparian, and floodplain function and habitat. Natural treatment of surface water and groundwater. In-stream aquatic habitat for metapopulation of Colorado River cutthroat trout and diverse macroinvertebrates populations.



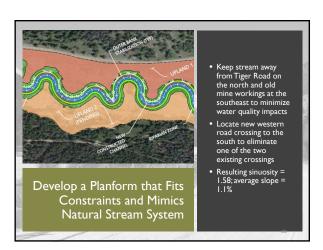


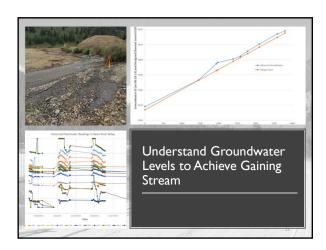


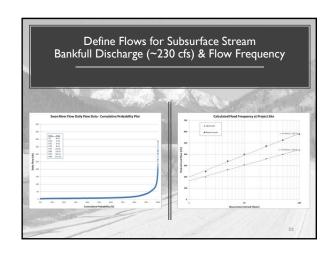


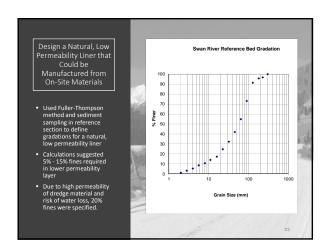
Organization	Туре	Value (\$)
ummit County	Cash	568,055
JS Fish and Wildlife Service	Cash	150,000
J.S. Forest Service	Cash	110,000
Colorado Parks and Wildlife (Fishing is Fun)	Cash	130,000
Colorado Parks and Wildlife (Wetlands and Riparian)	Cash	59,000
own of Breckenridge	Cash	368,055
National Forest Foundation	Cash	100,000
Colorado Water Conservation Board (WSRA)	Cash	975,000
Colorado Water Conservation Board (Watershed)	Cash	40,000
Colorado Water Conservation Board (Monitoring)	Cash	31,395
iummit County	In-Kind	11,000
riends of Dillon Ranger District	In-Kind	10,500
Blue River Watershed Group	In-Kind	5,250
rout Unlimited	In-Kind	5,000
lue River Watershed Group	In-Kind	

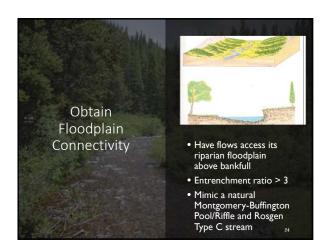


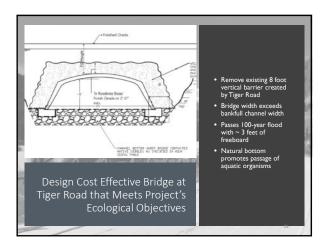


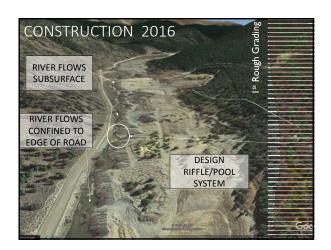


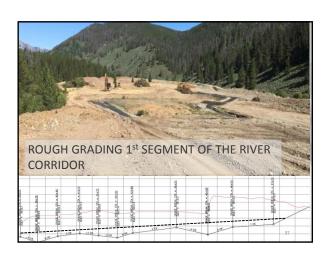


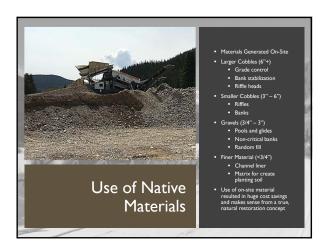




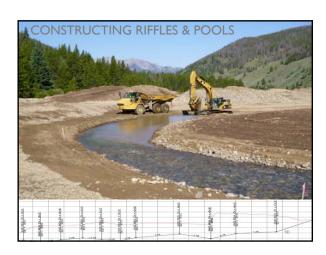








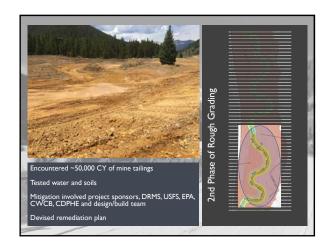


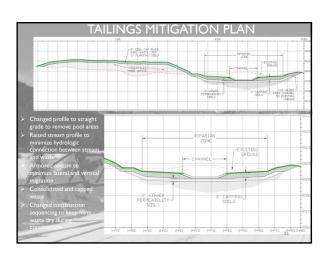






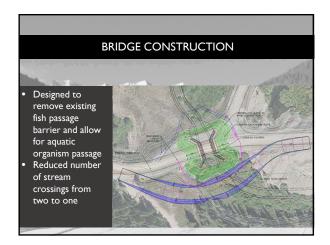


































# Lessons Learned (so far...) • Stream elevations relative to groundwater were of utmost importance and have worked well • Alignment, cross sections and profiles have been stable through the first high flows • Major challenges such as those necessary due to mine waste can be addressed with good teamwork, cooperation and flexibility in a design/build format • Minor adjustments, particularly along the water line help to "naturalize" the stream's appearance • Vegetation is extremely important in terms of stability, ecological benefits and aesthetics • Design/build approach has major advantages for this type of a project

