

The Watershed Center



We protect and restore watersheds for people and the environment using a collaborative, science-based approach.



Mines Floods Fire

Resilience



Our Watersheds

Boulder County's watersheds provide multiple benefits.



What's the problem?

Natural disasters and human land use threaten our quality of life.

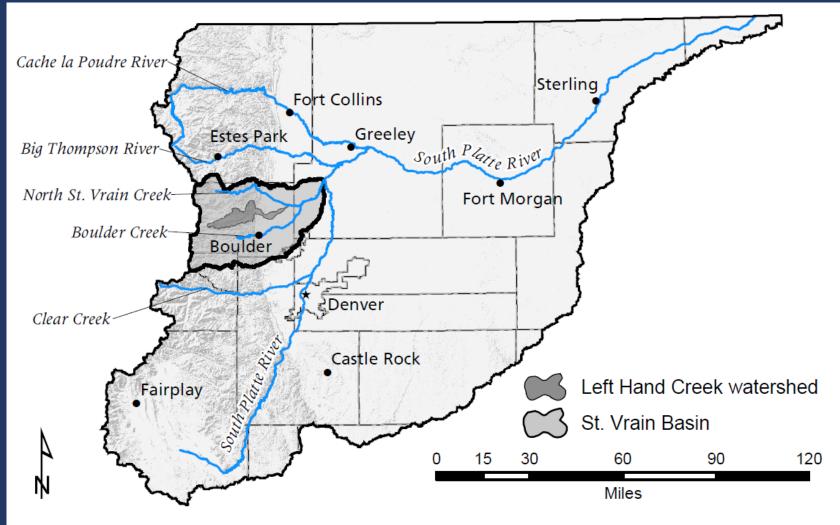


Mines Floods Fire

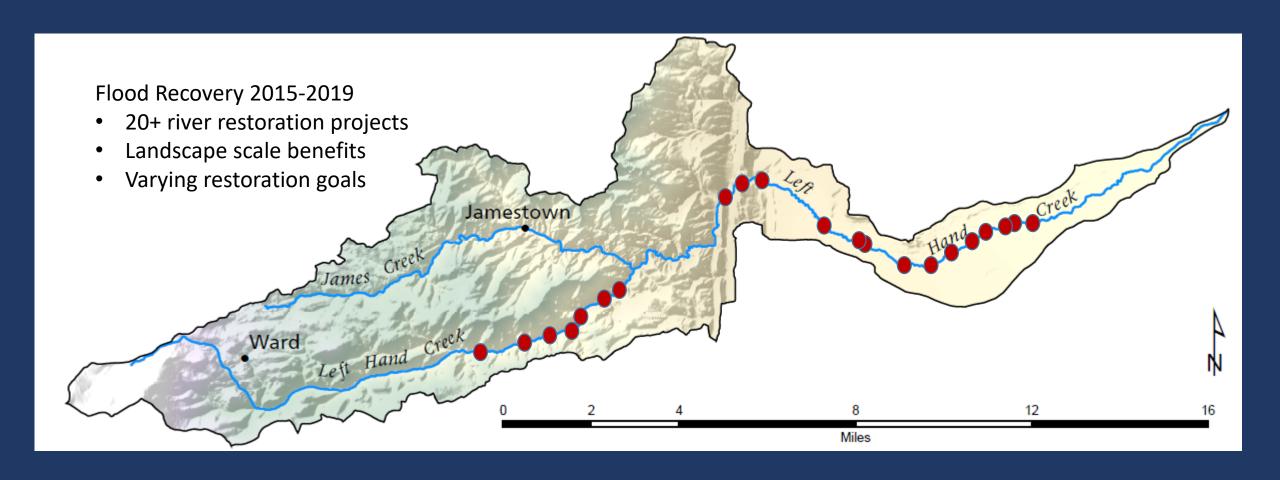
River Restoration in Left Hand Watershed

Addressing flood recovery and future climate resilience

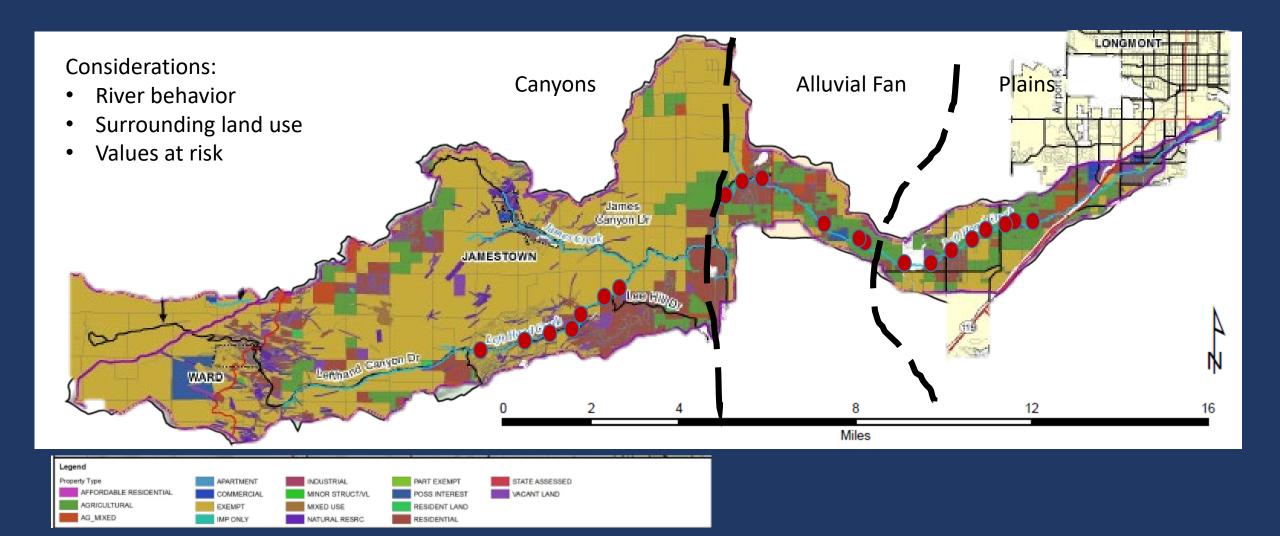




Flood Recovery Work

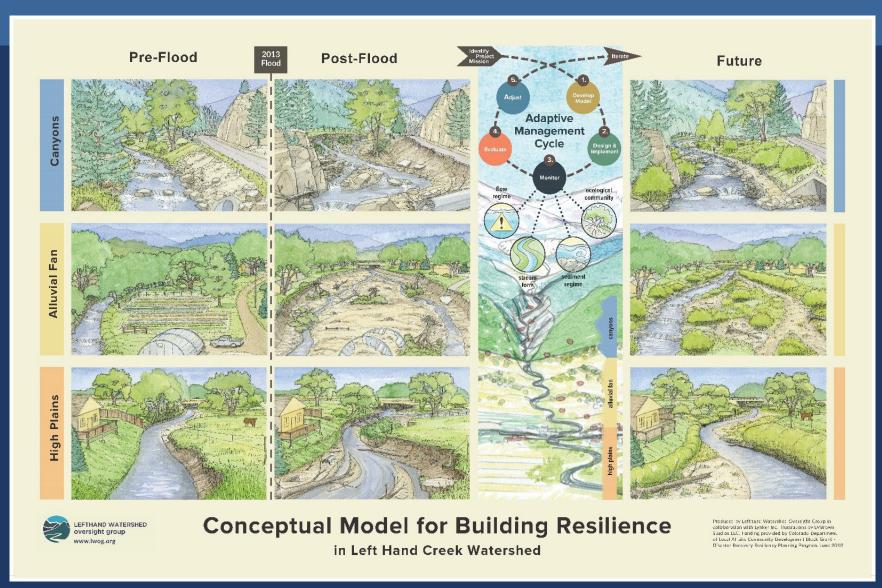


Considerations for Project Goals



Spectrum of Restoration Goals

- Reducing hazards and increasing flood safety
- Stabilizing banks and reducing active erosion
- Improving ecological conditions and climate resilience
- Improving homeowner access to the creek
- Maintaining or improving water quality

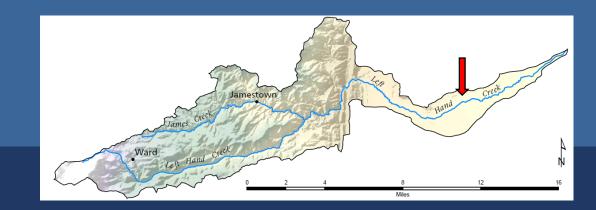


Protecting Infrastructure

Promoting river transport









Post-Restoration Conditions, 8-11-17

Protecting Neighborhood and Improving Habitat

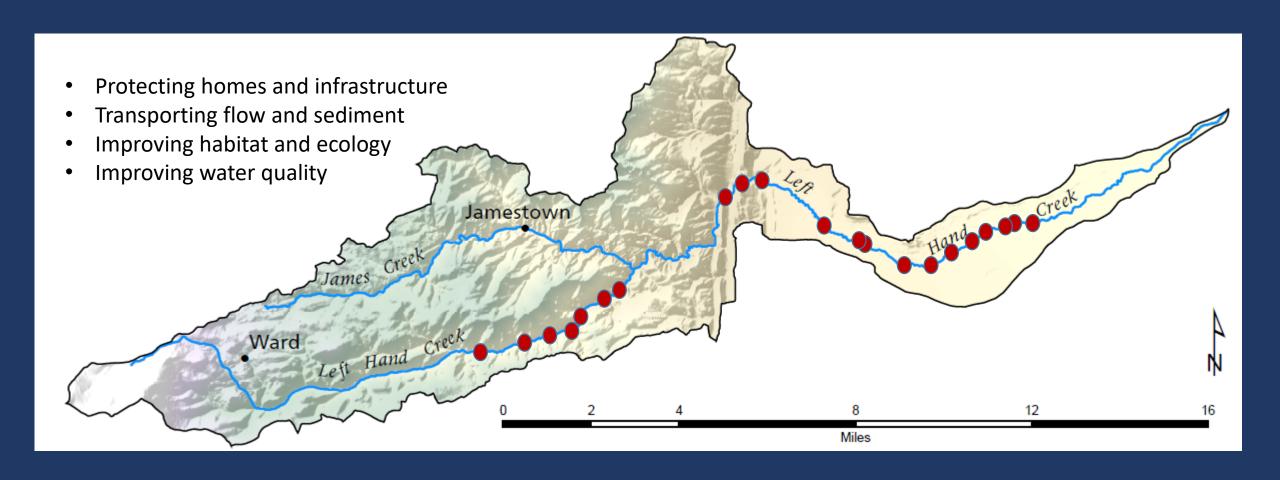


Wood Revetment During Construction, Fall 2016



Post-Restoration Wood Revetment,
Summer 2017

Flood Recovery Work: Cumulative Benefits Throughout the Watershed



Climate Resiliency Projects



Climate Resilience Restoration







Starts with Collaboration

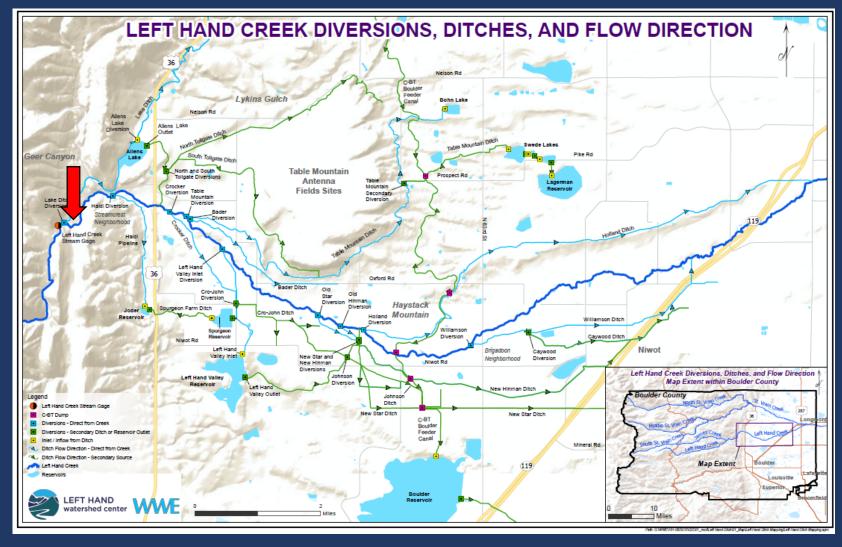
- Water Managers
- Biologists
- Land Managers
- Design + Build Team
- Landowners







Shared Goals



- Improved ditch maintenance
- Promoting sediment deposition during high flows

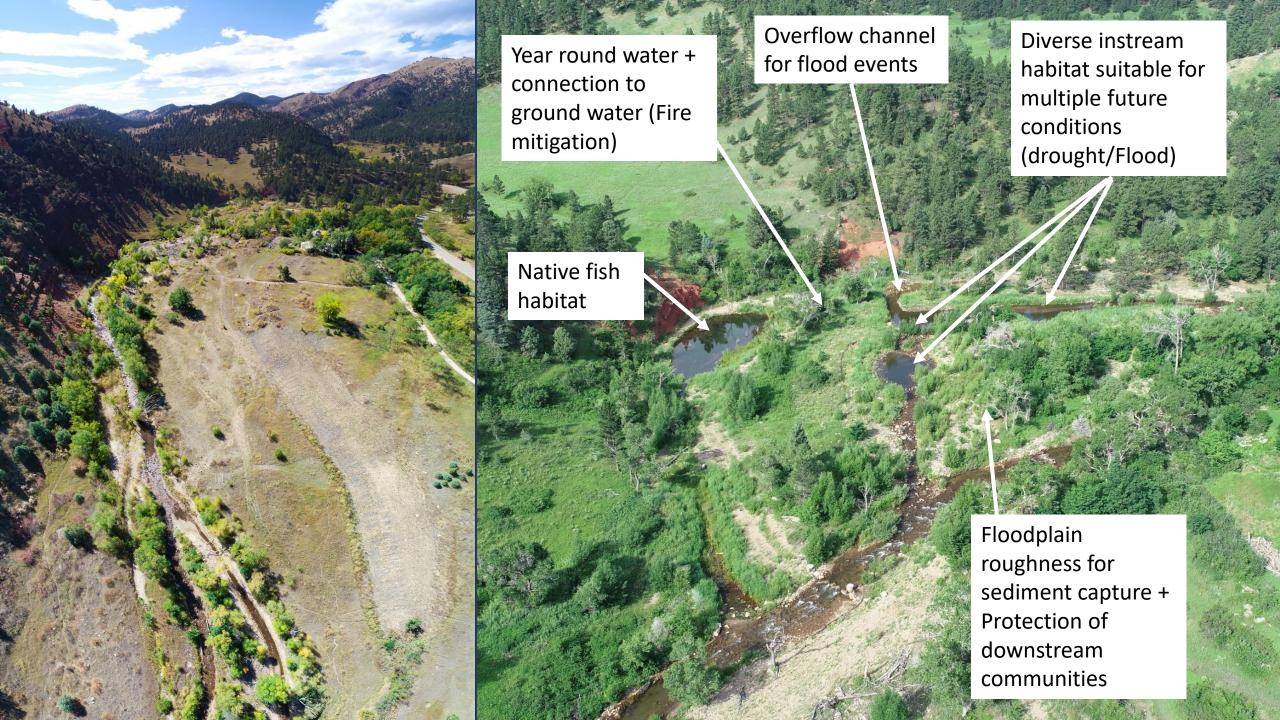


Expectations

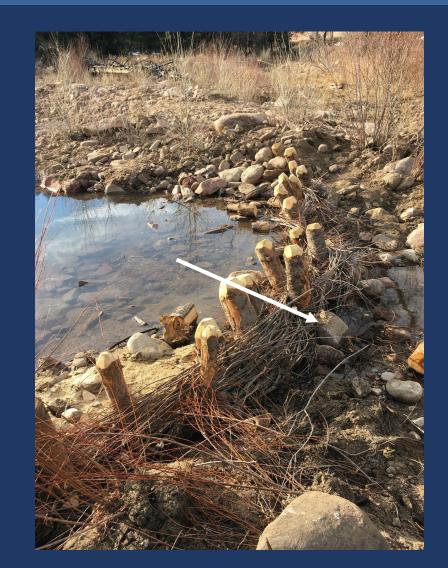








Beaver Dam Analog Techniques





Multiple Benefits



Sediment capture and reduced ditch maintenance



Seasonal high flow attenuation & groundwater recharge

Biodiversity and sustained native fish populations



Restoration Ideas on the Road!



Thank you!

Questions?

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