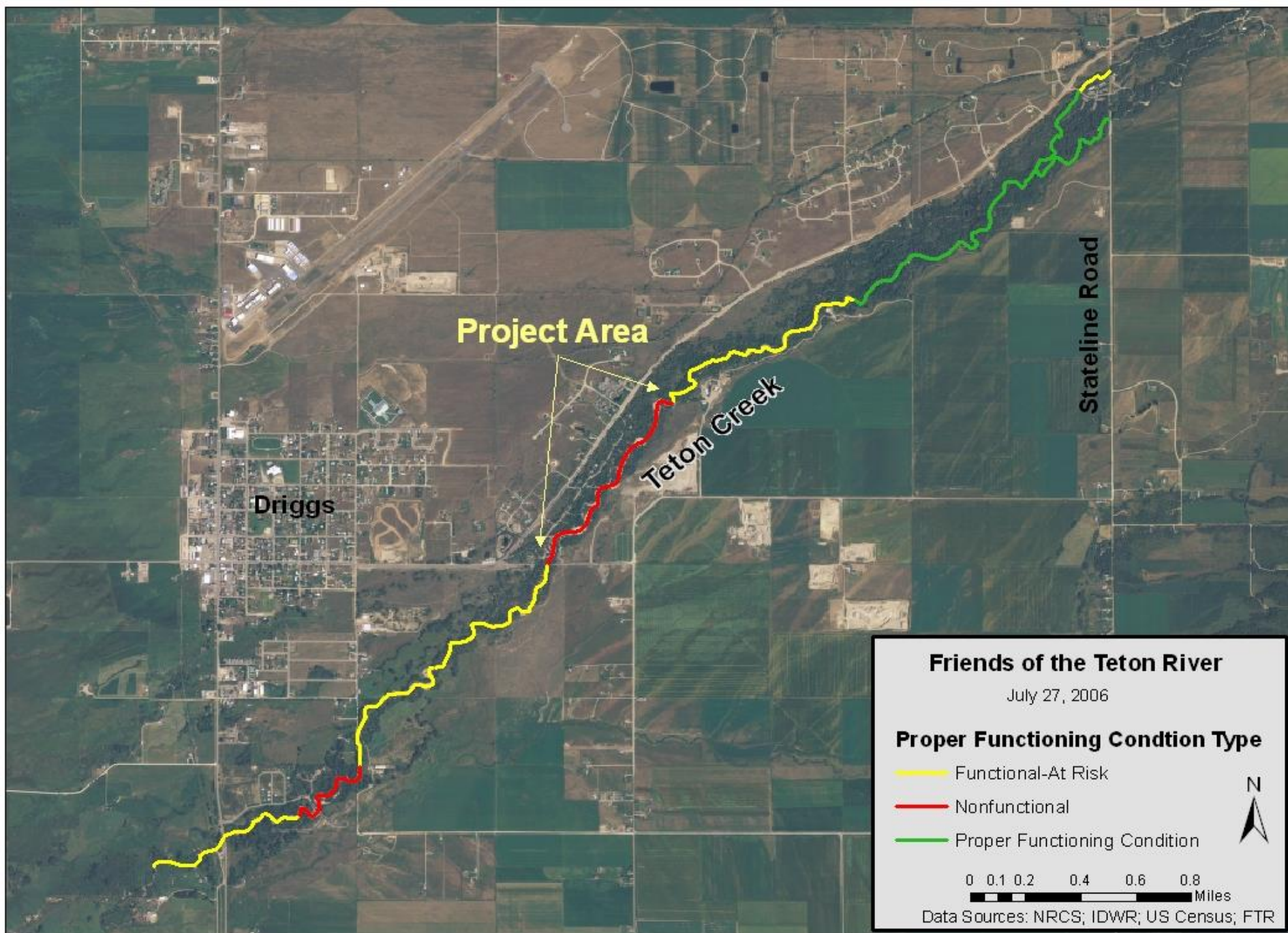


Teton Creek Restoration

Project highlights from 2006-present



Teton Creek Restoration Project Location



The Problem: Illegal Channelization Up Stream Caused Excess Sediment Deposition and Bank Erosion Issues Down Stream



Reference Reach under
Natural Conditions

Landowner built levees and dredged nearly 1 mile of channel so he could develop the floodplain

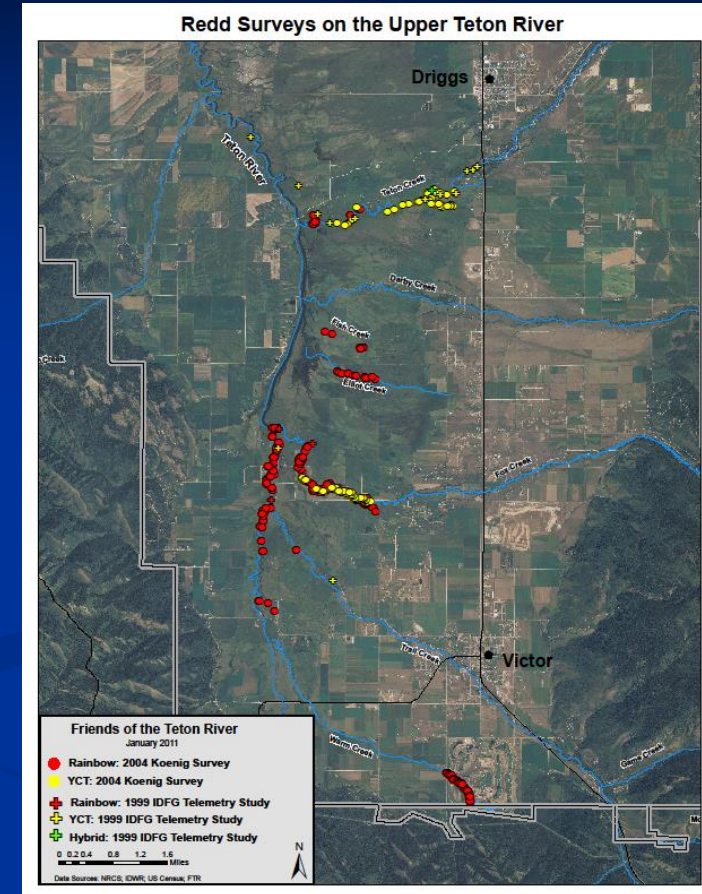
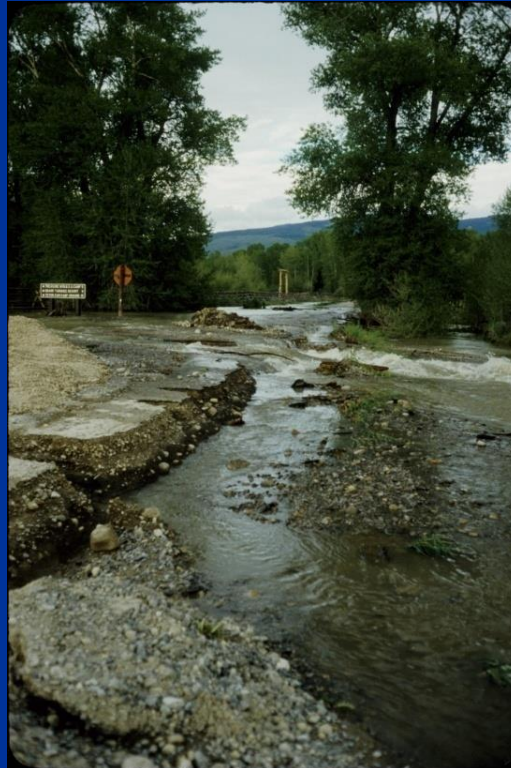


180,000 tons of sediment displaced by
dredging most of which washed down
stream!

Importance of Teton Creek:

- Largest Headwater Tributary and Significant Contributor of Sediment, still 3,441 tons/year (USDA 1992, FTR 2017), directly impacting Teton River (listed for sediment throughout its length).
- Most Important Yellowstone Cutthroat Trout (YCT) Headwater Tributary.
- Remnant Fluvial Cutthroat Run
- Threat of Flooding Driggs
- Community Asset

FTR's and Science Review Committee's Highest Priority Tributary for Stream Restoration in Teton River Watershed*



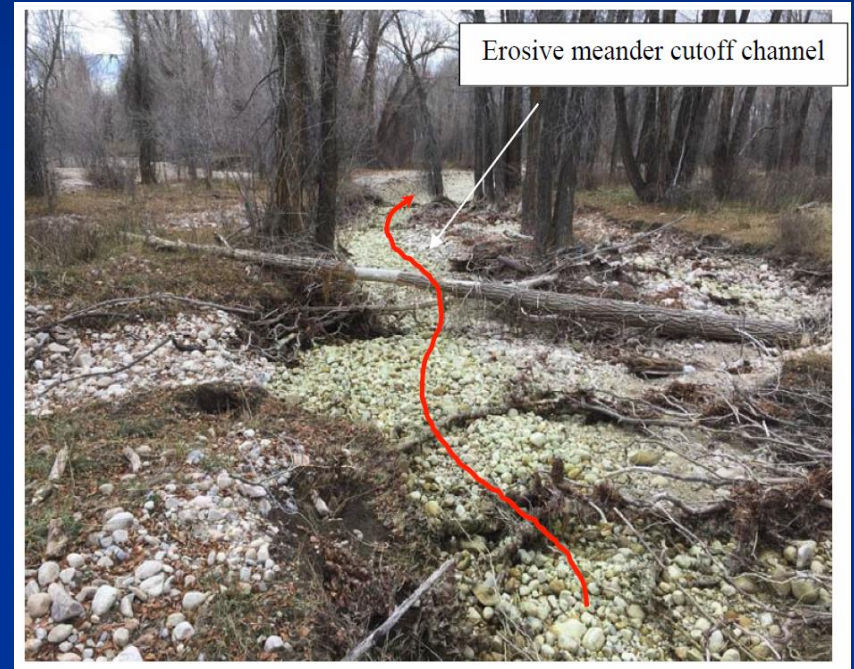
*FTR's Watershed Restoration and Yellowstone Cutthroat Trout Recovery Plan (2010-2020)

Teton Creek Subwatershed Committee

- Formed in Winter of 2006 in response to Teton Creek concerns
- Over 60 Active Members
- Homeowners, Developers, Local State and Federal Government Agencies
- Formed to Assess, Stabilize and Restore Teton Creek
- FTR has hosted 23 meetings including a Restoration Workshop and Forum



Stream Channel Impacts Assessed



“Over wide” and shallow channel , with no “path” or natural containment of flows, so water has to find a new erosive path—a natural process, but it puts existing property, homes, and infrastructure at-risk.

Impacts of Excessive Sediment



100 tons of sediment washed-out of this channel in 2011

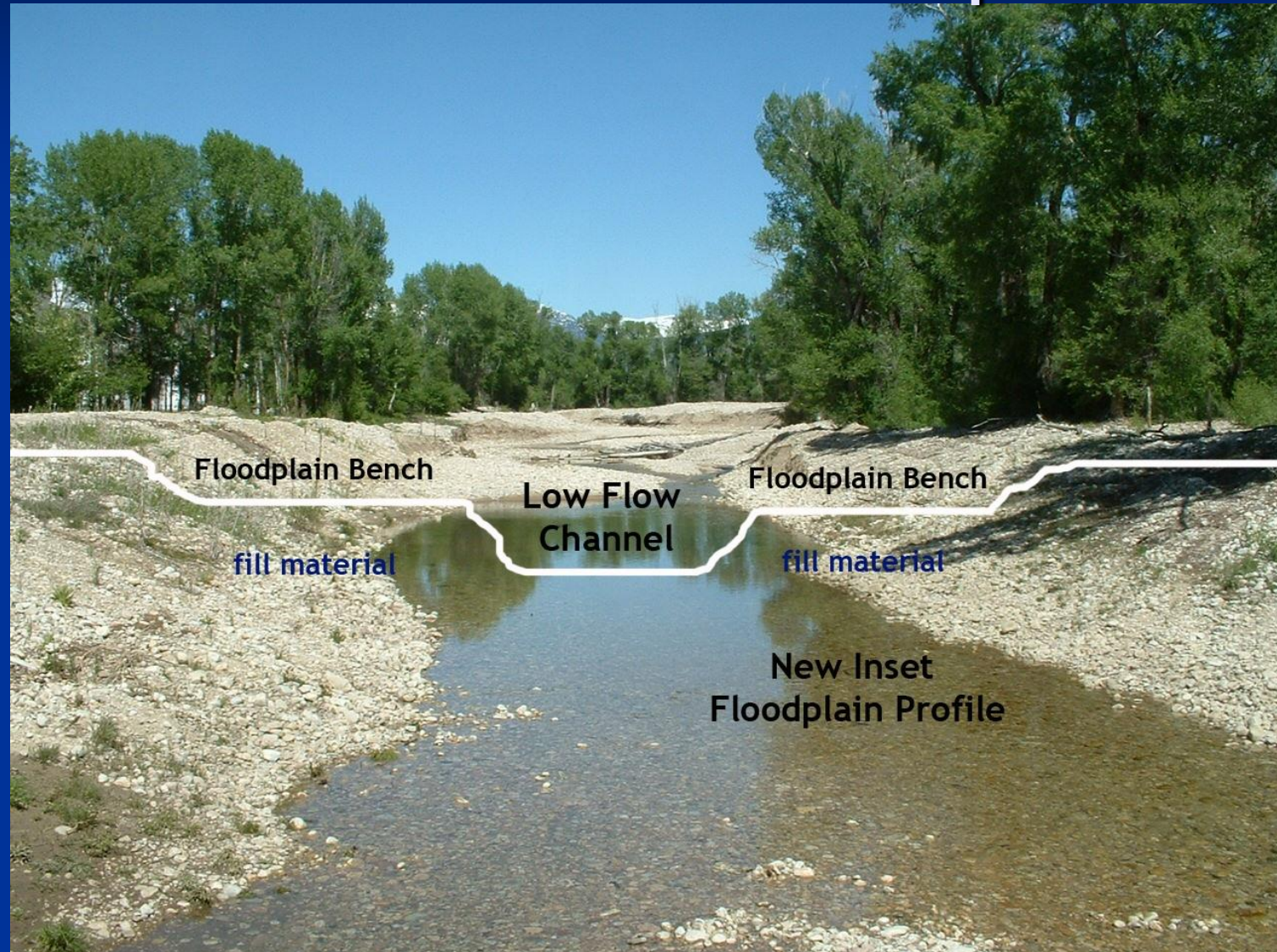


Excessive sediment "choked-up" the channel and deflected flows into streambanks and old channels causing erosion and riparian vegetation damage.

Mid-stream Sediment Deposition & Flood Risk



Restoration Plan: Construct Inset Floodplain



Project Design

Stabilize Banks Using 'BioEngineered' Structures



Rocks, anchored trees/roots, willows, and vegetation

\$4 Million raised for restoration

2006-to present



Restoration Example, Aspen Pointe Subdivision





During Construction: Rock Placement

During Construction: Rootwad Placement



After Construction: Restored Channel, Inset Floodplain





After: during spring run-off

Other Project Examples



Teton Creek Before



Teton Creek After



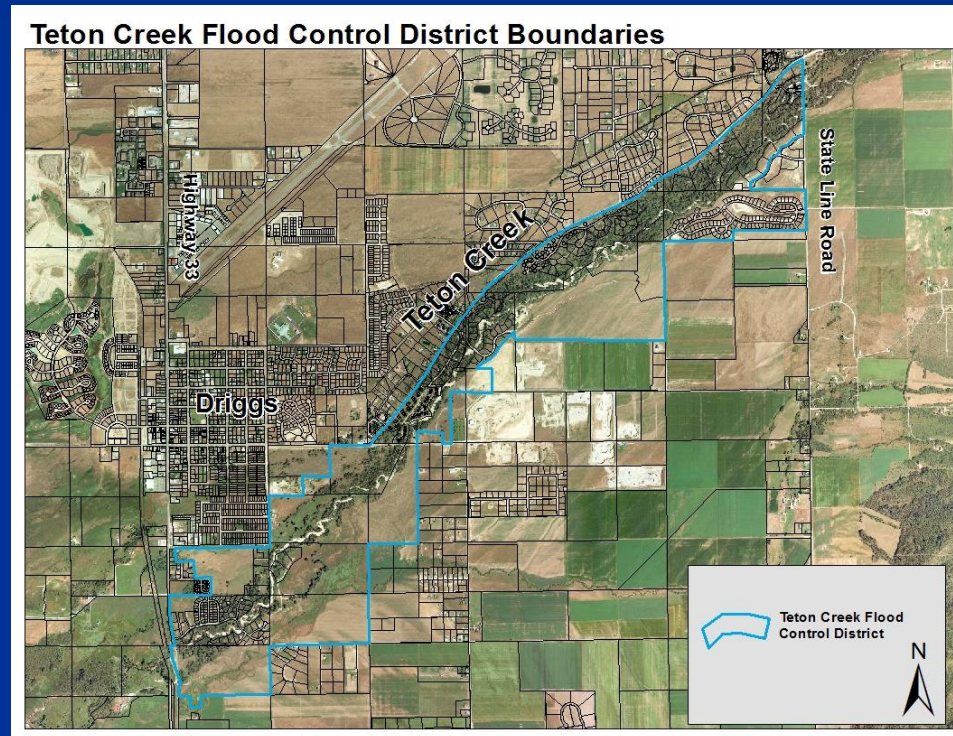
Teton Creek Farms Before



Teton Creek FarmsAfter

Long-term maintenance and public participation: Flood Control District (FCD)

- The FCD is a taxing entity voted into place by FCD residents.
- FCD administered by FCD residents.
- Funds used to maintain and restore Teton Creek
- FCD Petition developed by Stakeholders, FTR and University of Idaho College of Law
- The FCD paid for ~\$28,000 in stream improvements in 2017 (first disbursement of collected funds).



Restoring the Teton Creek stream corridor is an on-going priority project for FTR, our partners, and the community.

Find out more on the 'Featured Work' page or contact us for more info.

