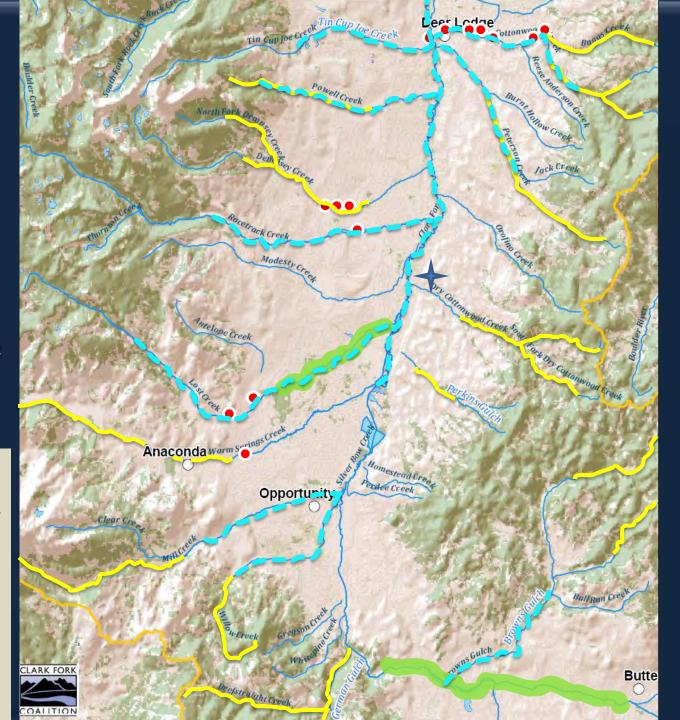


# 2010

Aquatic resource indicators in UCF landscape

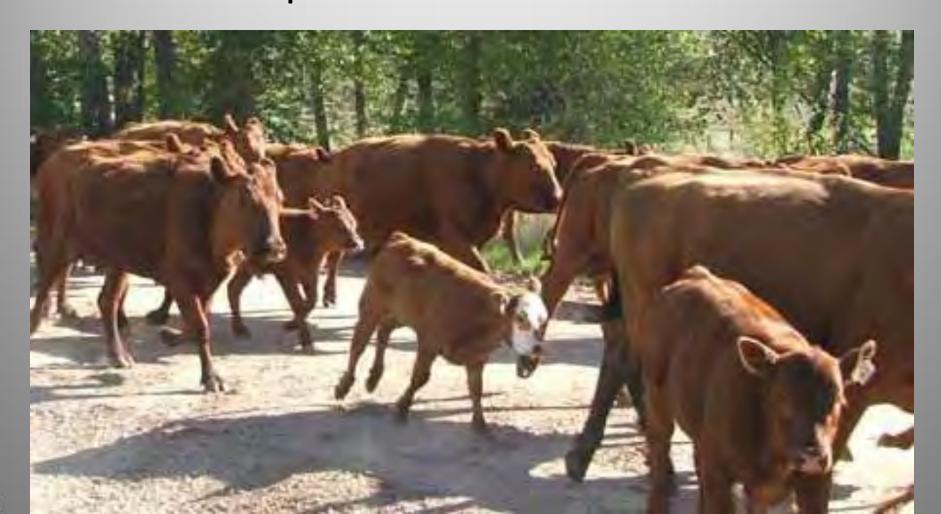
### Legend

- Native Trout Stronghold
- Irrigation Fish Barrier
- Riparian Restoration Projects
- Dewatered Stream



# DCC RANCH--- taking stock 2009:

contaminated floodplain + old infrastructure semi-arid uplands + intermittent stream





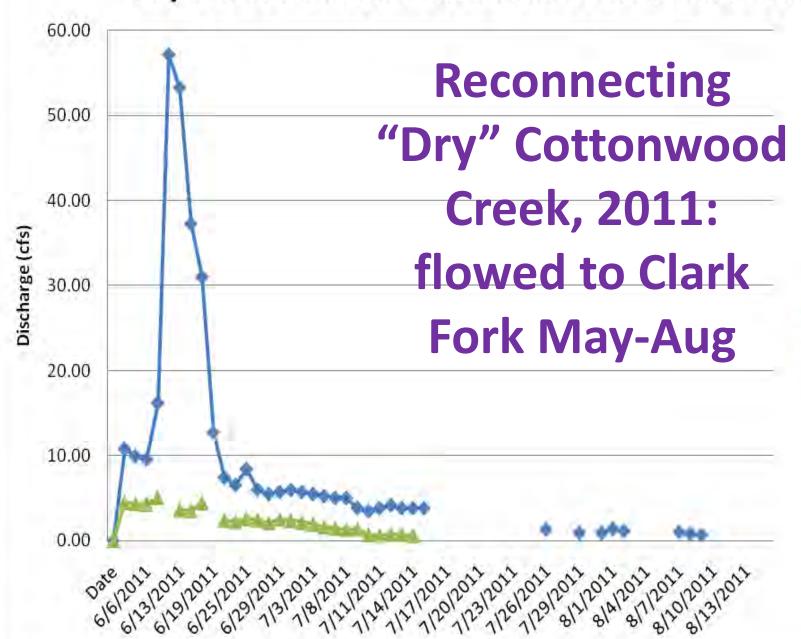


# **RE-WATER:**

How do we re-water an intermittent stream?
Why?

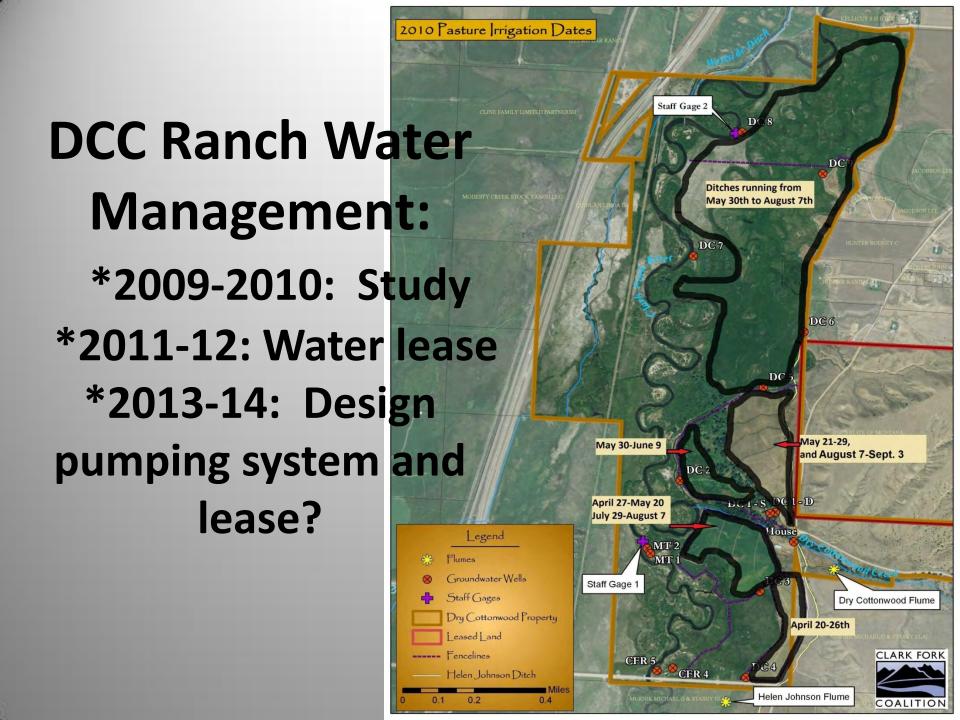


### **Dry Cottonwood Creek Flow and Diversion 2011**

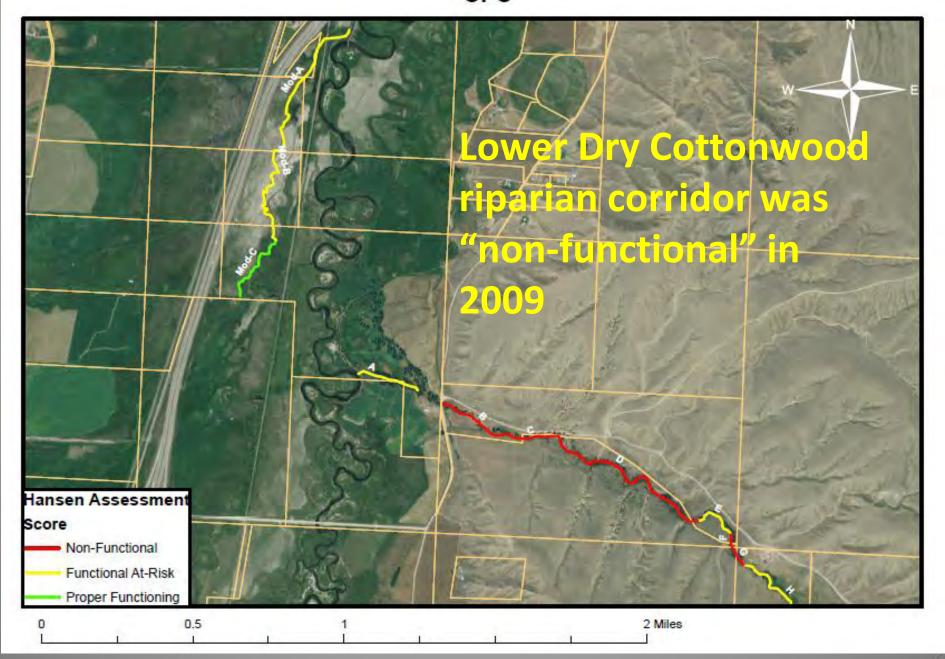


DC CREEK

CANAL

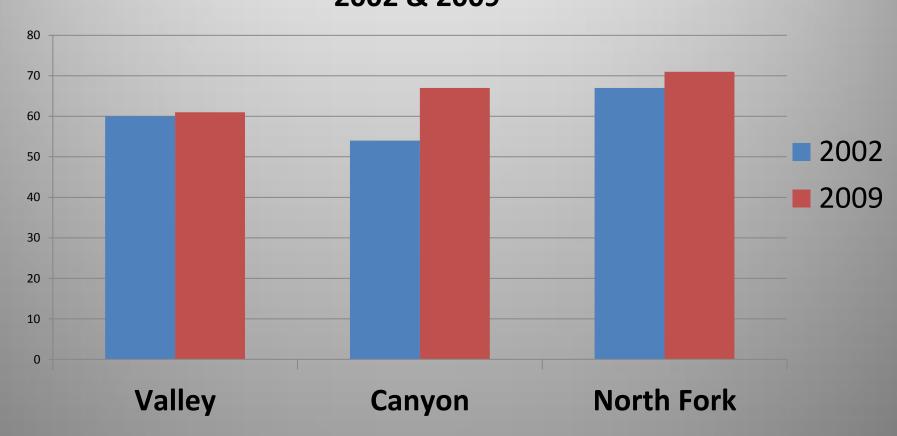


#### Dry Cottonwood Creek\_Hansen Assessment\_2009 CFC

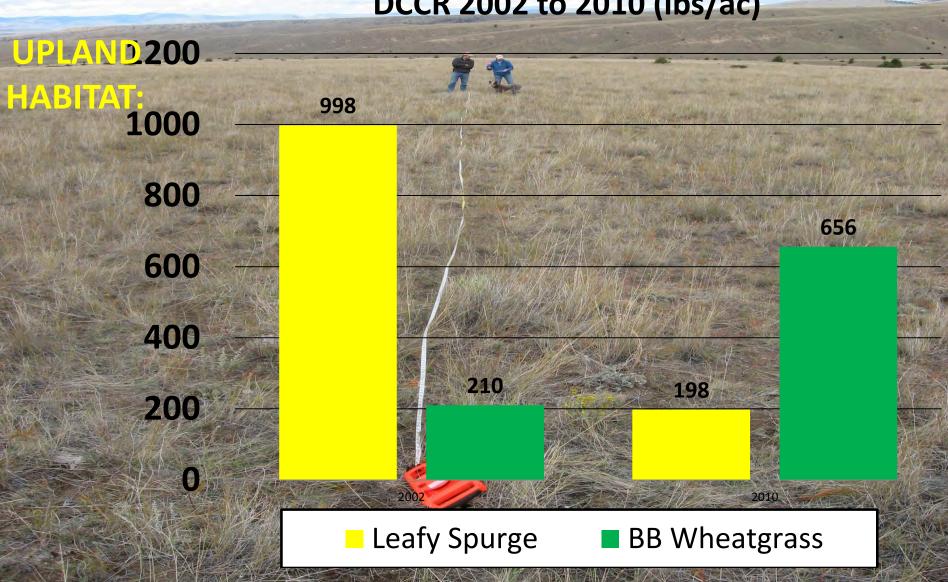


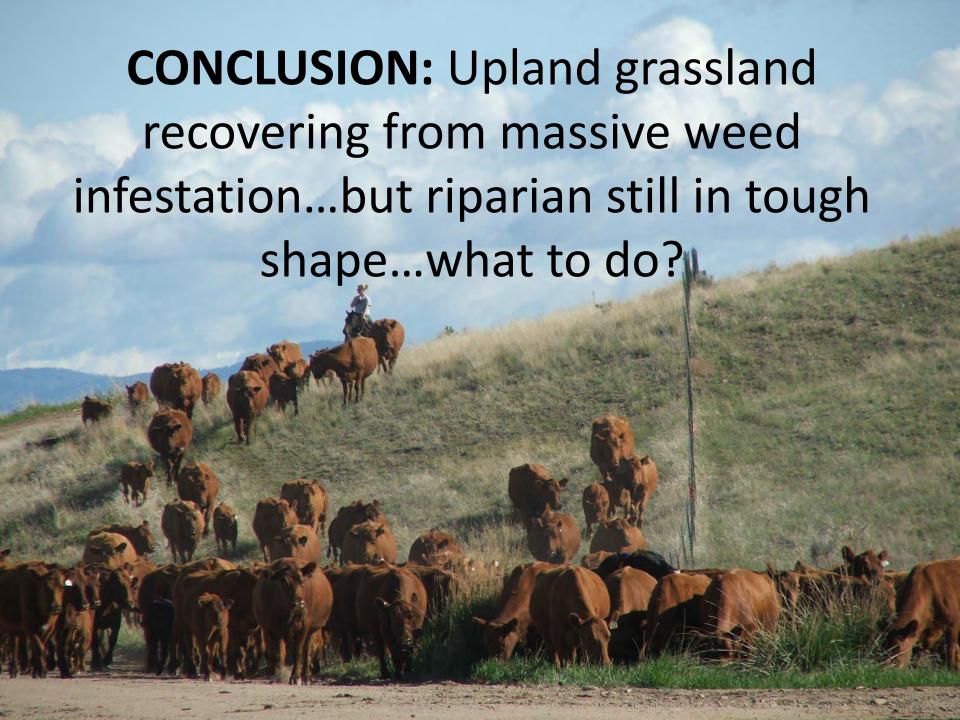
## 2009 Hansen Assessment results

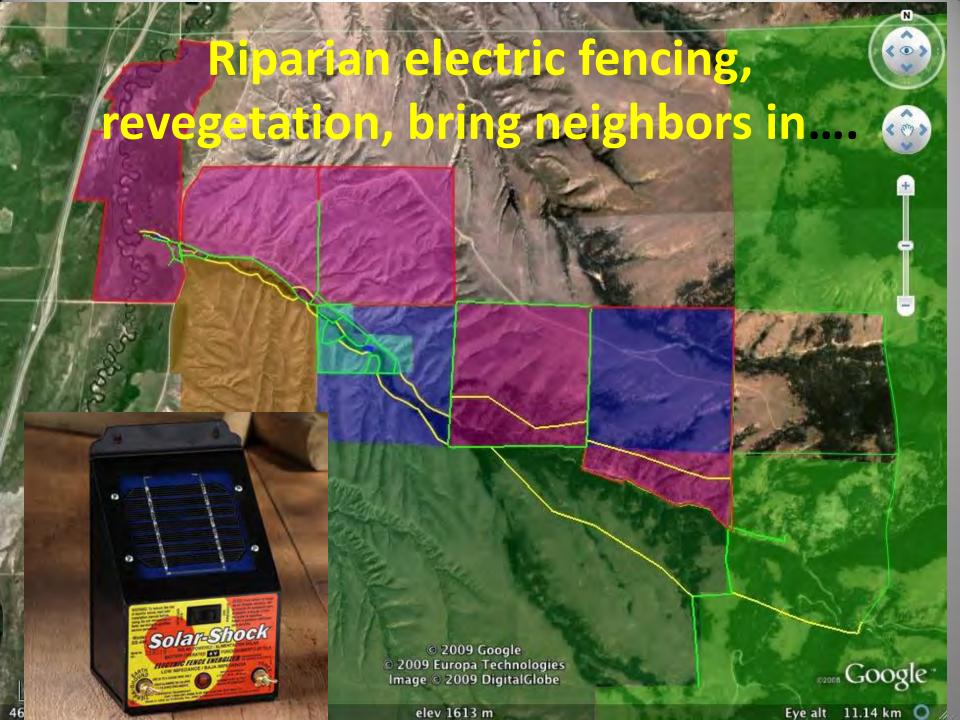
Dry Cottonwood Creek Mean Riparian Assessment
Scores
2002 & 2009



# Comparison of Weed and Native Grass Productivity: DCCR 2002 to 2010 (lbs/ac)







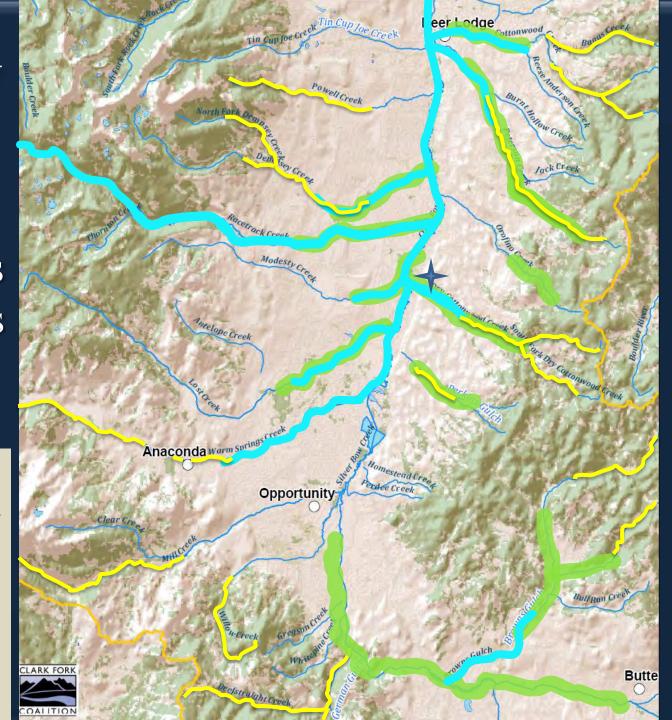


# Today

Restoration
Opportunities
and Activities

#### Legend

- Native Trout Stronghold
- Irrigation Fish Barrier
- Riparian Restoration Projects
- Dewatered Stream
- Flow Restoration Projects



# REWATER, RESTORE TRIBUTARY habitat & RECONNECT it to the river, is a goal for Dry Cottonwood Creek Ranch





















## New Game, New Hand, New Chips





# Irrigation/ Water Leasing















# **Hazardous Materials Certification Courses**



# The Bottom Line:

- Dry Cottonwood is demonstrating that good land management can be ecologically sustainable and economically solvent at the same time.
- Our agricultural gross income is approximately \$100,000
- Our non-agricultural gross income is approximately \$75,00

- -Public Hunting (\$12,000)
- -Water Leasing (\$15,600)
- -NRCS conservation programs (\$28,000)
- -NRCS Cost Share on Infrastructure Projects (\$10,000)
- -Grass Fed Beef Sales (\$8,000)

## **LESSONS LEARNED:**

- 1) Think big, think connectivity....this isn't about projects, it's about a landscape in recovery.
- 2)"Nature finds a way" ....all the parts have potential to recover....even the crappy little degraded ones...do your part and get out of the way.
- 3) Landowners are not the problem, they are the solution. They are creative in solving problems and they are the ultimate responsible parties for conservation: irrigation efficiency ...weed management.....and maintaining a healthy landscape



