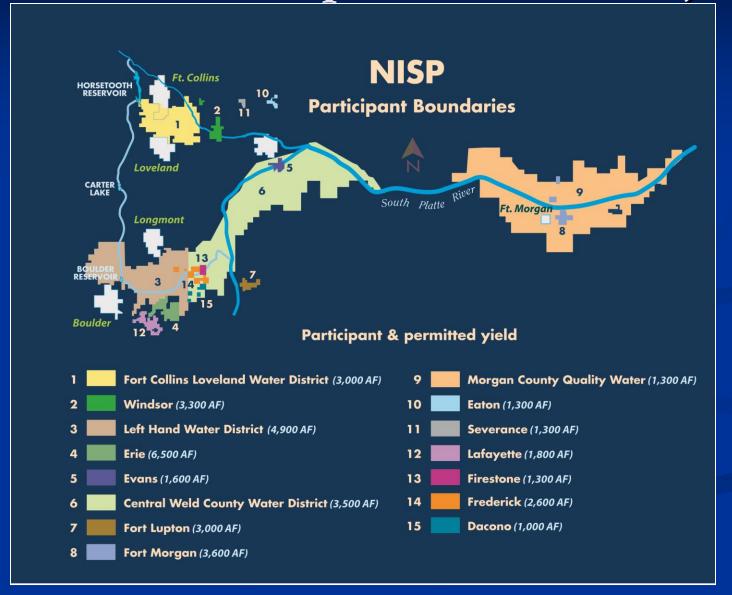
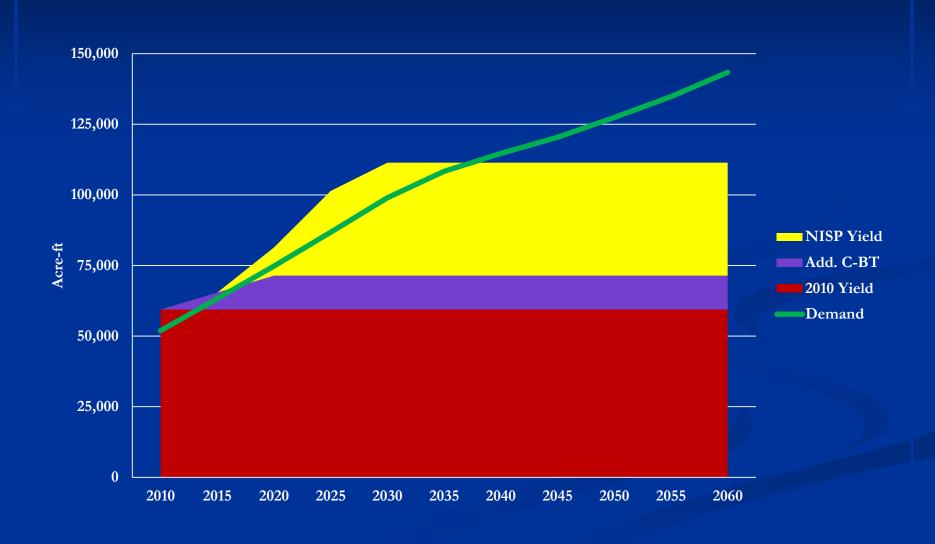


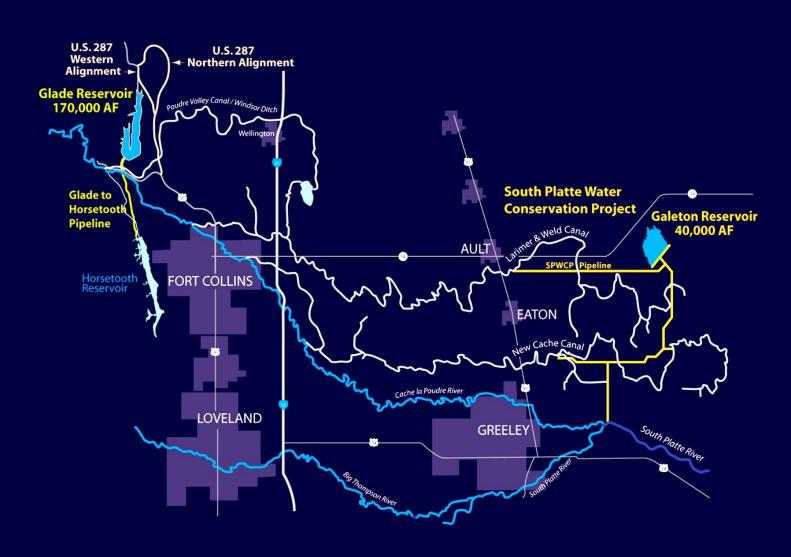
NISP – A Participant Driven Project



Participant Supply and Demand



The NISP Proposal:



NISP Project Proposal

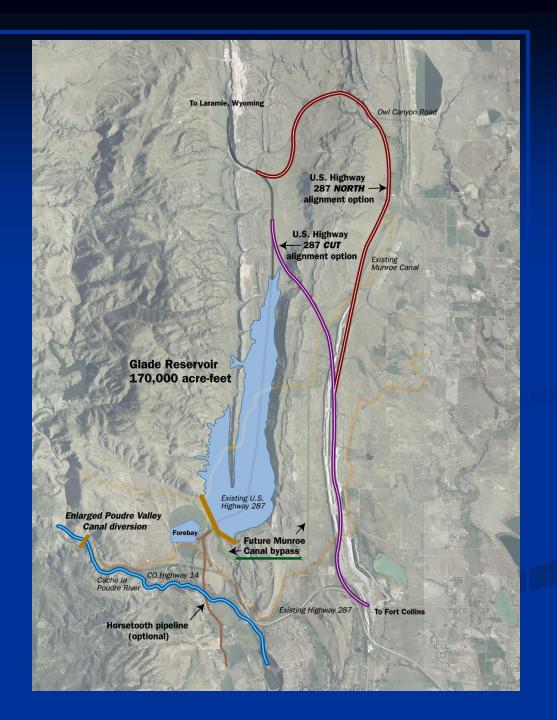
- 40,000 Acre-ft of New Yield
- Glade Reservoir Complex
- South Platte Water Conservation Project
- Total Cost \$500 Million
- Junior Water Rights

Proposed Glade Reservoir Location



Glade Reservoir

- Total storage = 170,000 af
- 260 feet deep
- 5 miles long
- 18 million CY of earthfill
- 1000 cfs diversion from Poudre River using existing Poudre Valley Canal
- 30,000 hp PumpStation
- Relocate Munroe Canal (6,000 ft Tunnel)
- Relocate HW 287



S. Platte Water Conservation Project

- □ 50% of the 40,000 Acre-ft Yield
- Repositions South Platte Water
- Partnership with Ag Instead of Buy and Dry
- Substantially Reduces Storage to Yield from 10:1 down to 5:1
- Maximum 200 cfs Exchange (100 with each ditch)

SPWCP Details

- 45,600 AF Galeton Reservoir
- 200 cfs Diversion from the S. Platte
- ■100 cfs return to each ditch
- ■30 miles of pipeline
- **16,000** Hp Pumping





How It Works

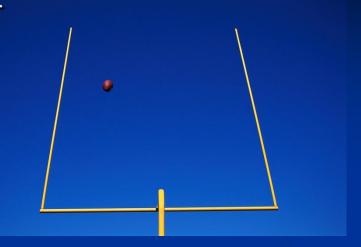
- Grey Mountain Decree Diversions Wet Years Such as 2009-2011.
- SPWCP Exchanges Wet and Average Years
- Dry Years Little Water Available for Exchange
- Respect Minimum Flow Points at Watson Fish Hatchery, Boat Chute, and Nature Center (50 cfs Summer, 25 cfs Winter)

NEPA

- Started: February 2004
- Draft EIS: April 2008



- Final Permit: 2016
- Spent Approximately \$12 Million to Date



Environmental Issues

- Nearly All are Poudre River Related
- Flow Reduction
- Geomorphology Changes
- Water Quality

Riparian (trees)





Common Technical Platform

- NISP Halligan-Seaman
- Four Year Effort

Common Hydrology

- Geomorphology
- Aquatics
- Water Quality
- Riparian



Mitigation

- Low Flow Enhancement November through April and September
- **3,600** AF Total
- Eliminate Dry-up Points
- Recapture downstream
- Channel Enhancement



No-Action Alternative

- 60,000 acres of Buy and Dry
- Primarily Under Larimer and Weld and New Cache
- 90,000 acre-ft Storage and Delivery Pipes
- Approximately \$1 Billion Cost
- Considerable Environmental Impact

Schedule

- SDEIS Out Late 2014
- ROD 2016
- Glade Design 2016-2017
- Glade Construction 2018-2022
- SPWCP Implementation 2021-2024