Northern Integrated Supply Project

Glade Reservoir
170,000 acre-feet

U.S. Highway 287
Realignment

Poudre Valley Canal

Wellington

Horsetooth Reservoir

Fort Collins

Larimer & Weld Canal

Severance

Windsor

New Cache Canal

Cache la Poudre River

Loveland

Big Thompson River

Greeley

South Platte Water Conservation Project

South Platte GOAL:
25,000 af/year

Galen Reservoir
45,600 acre-feet

SPWCP Pipeline

Northern Water
Galeton Reservoir

- Storage capacity of 45,600 acre-feet
- 1,700 surface acres
- 85 feet max depth
- 2 miles – dam length
- 95 feet – dam height
Ditch Substitution and Exchange

- Larimer & Weld to Poudre Valley Canal
- New Cache to Poudre Valley Canal
- Small fraction of total diversions
- Compensate Ag companies for benefit of shareholders
Scope of Exchange

Deliveries below the introduction points are about 3 – 4 times what is necessary for exchange.
WaterSecure is a Risk Management Tool

- Combat “Buy-and-Dry” transfers out of ditches
- Keep water flowing
- Purchase about 3,000 acres to provide fee simple title
- Place covenant to keep water use on land in long term
- Return land to private ownership
Additional Benefits

- Purchase about 3,000 acres in next 3-5 years
- Support local ag economy
- Aid in farm succession and legacy preservation
- Protect open space
- Provide wildlife habitat
Asset Ownership Analogy

- Initial purchase
- Operation & Maintenance
- Insurance

- Galeton Reservoir and infrastructure
- Ditch company substitution and exchange
- WaterSecure
WaterSecure video