



Photo: Soldier Canyon Dam by Rod Hansen,  
Plant Manager

Prepared for a  
Poudre Runs  
through It

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## Overview of Tri-Districts Water System





*“ You don't have to be a hero to accomplish great things---to compete. You can just be an ordinary chap, sufficiently motivated to reach challenging goals.” ~Sir Edmund Hillary*



# History

- Before the water districts were created in 1962, there was not a public water supply serving the rural areas in Larimer & Weld counties.
- Rural residents obtained drinking water from shallow wells or cisterns.
- Local farmers questioned their water supplies when they noticed cattle having better weight gain and making more milk when drinking off of other water. Testing of the water found high nitrates and sulfates.
- North Weld founders proposed to bring a water line from Horsetooth Reservoir and create a 12,000 square miles service area 11 miles north and 16 miles east of Windsor.

# Water Districts

- Water Districts are different than Municipalities
- Sole purpose to provide water to tap holders and wholesale customers
- Water Districts act as Special Districts that have the Authority to issue bonds and condemn property and levy property taxes.

# Soldier Canyon Filter Plant



## Raw Water Sources:

- CBT from Horsetooth Reservoir
- Poudre River supplies from PVP.

SCFP was built in 1962 by ELCO, NWCWD & FCLWD, aka Tri-Districts.

- Original plant treated 2 MGD with 4 filters and a 1.5 MG storage tank.
- Currently has 20 filters and 4 storage tanks with 11 MG of storage and can treat up to 44 MGD.
- Treated 7.5 billion gallons in 2012 with a peak day of 40 MGD.

# Pleasant Valley Pipeline under Construction





## Pleasant Valley Pipeline

- Intake off of the Munroe Gravity Canal, west of Ted's place
- 8.5 mile, 67-inch pipeline shared between Fort Collins and Soldier Canyon water treatment plants
- City of Greeley uses pipeline during the winter months
- Capacity is 120 mgd or 186 cfs





## Tri-Districts Water Rights

- Poudre River Basin
- Laramie River Basin
- Colorado River Basin



# 2012 Demand

- East Larimer County Water District – 4,321 ac-ft
- Fort Collins – Loveland Water District -10,466 ac-ft
- North Weld County Water District - 8,468 ac-ft
- Total SCFP Demand = 23,256 ac-ft

**SCFP Water Usage (ac-ft)**

