Agricultural Reservoirs Alternative

Fort Collins would obtain an additional water storage capacity by purchasing dedicated storage space in the existing North Poudre Irrigation Company Reservoirs Nos. 5 and 6. This alternative assumed that Fort Collins would own and be able to operate its portion of the storage independently of North Poudre Irrigation Company and its operations.

Infrastructure:
- Approximately 13.4 miles of pipeline to interconnect the two reservoirs and to connect to Fort Collins’ existing water pipeline system, including an underground crossing of the Main Stem
- A 1100 horsepower pump station
- Two valve houses and a river turn out
- Water pretreatment facility

This figure is a representation of where streamflow changes would occur when water is needed.

North Poudre Irrigation Company has agreed to allow Fort Collins to study use of Reservoirs Nos. 5 and 6 for this alternative, however, NPIC has not indicated whether such a purchase and operating agreement would be possible. If an agreement was possible, it is assumed Fort Collins would need to compensate North Poudre Irrigation Company for loss of reservoir capacity, potential loss of any associated water rights, and any negative impacts to the NPIC system or shareholders.

Infrastructure:
- 6,475 acre-feet of storage in North Poudre Irrigation Company Agricultural Reservoirs Nos. 5 and 6 would be purchased by Fort Collins. Fort Collins would have independent ownership of the water and its operation.
- This alternative has no enlargement or expansion associated with it.

Shared Components:
Reservoir operations shared with North Poudre Irrigation Company.
Pleasant Valley Pipeline shared with Tri-Districts for filling and releasing water at the reservoirs.