

City of  
Fort Collins:  
Selected  
Environmental  
Water Projects

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The City of Fort Collins has numerous water-related projects associated with environmental flows.

Projects by different departments:

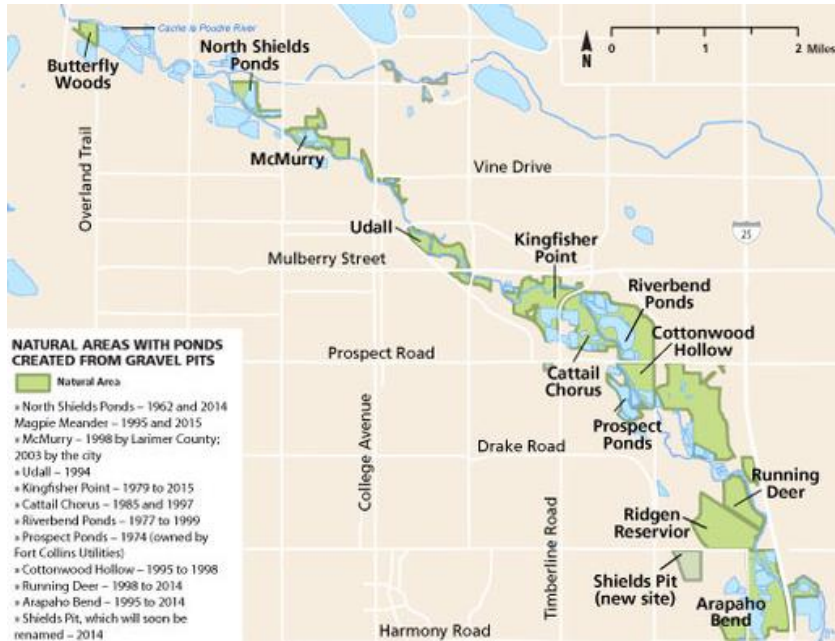
- Water Utility
- Wastewater Utility
- Stormwater Utility
- Natural Areas Department

Presentation will briefly touch on several projects.



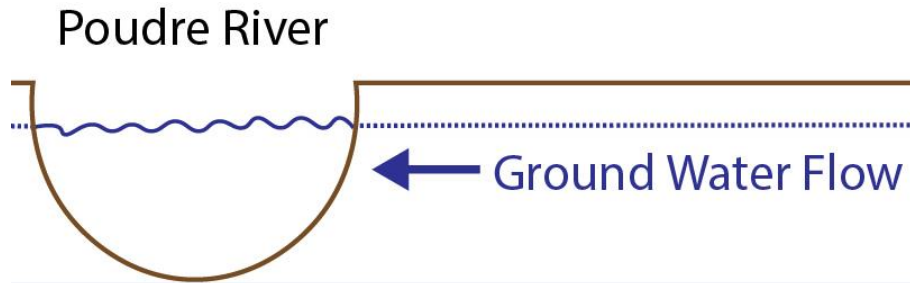


# (1) Gravel Pit Augmentation

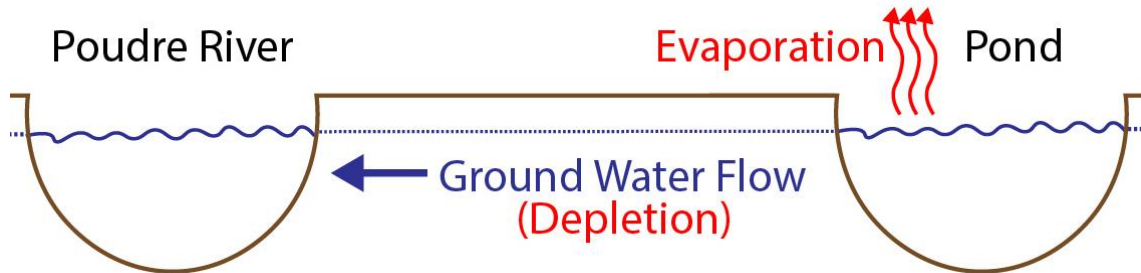


- Fort Collins has acquired numerous parcels along the Poudre River.
- Many parcels were mined; and thus, have ponds dug into the alluvium (water table).

- Alluvial ground water supports stream flows



- Ponds dug into the alluvium consume water



Evaporation deprives senior water rights of water, so they need:

- (1) Augmentation plan approved by Water Court
- (2) substitute water supply plan approved by State Engineer,
- (3) statutory exemption for pre-1981 ponds, or
- (4) filled in.

Ponds provide habitat and recreational opportunities

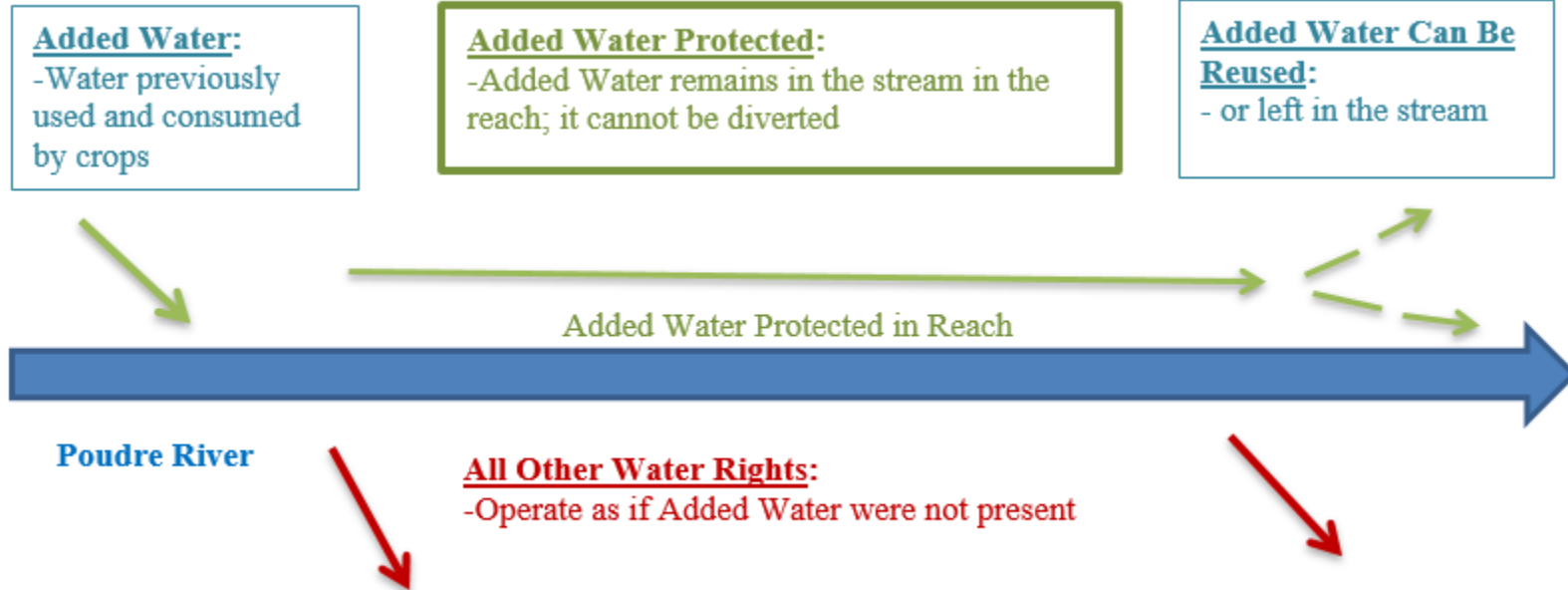


Poudre Flows Plan began in 2013 in the “Poudre Runs Through It” working group.

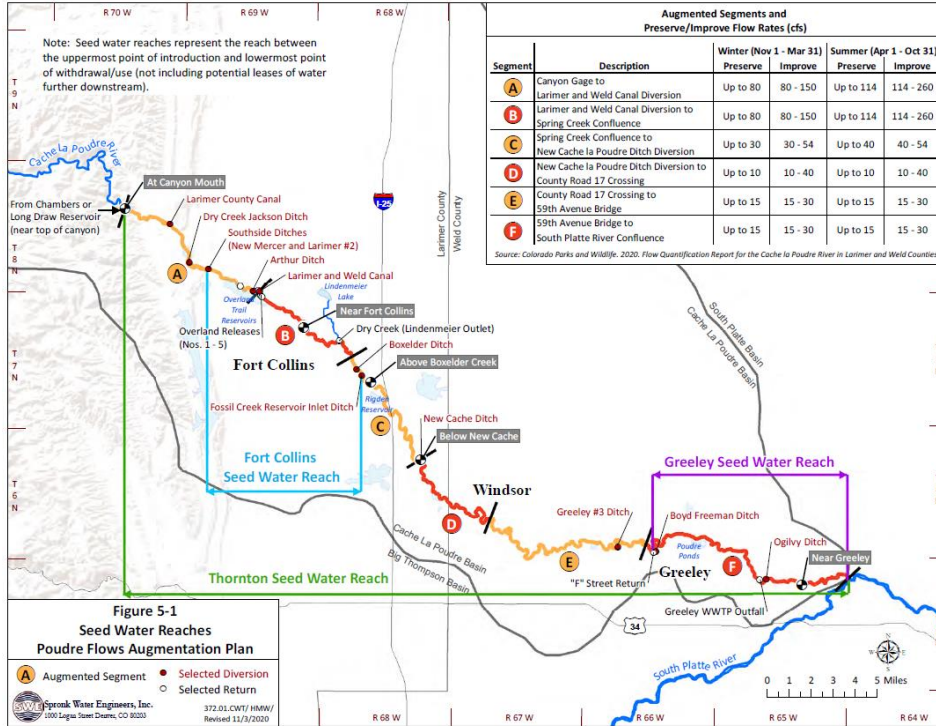
### **Partners are:**

- Colorado Water Trust
- City of Fort Collins
- City of Greeley
- City of Thornton
- Northern Colorado Water Conservancy District
- Cache la Poudre Water Users Association
- Colorado Water Conservation Board (CWCB)
- Colorado Parks and Wildlife









- ## Targeted flows vary by reach
- Depend on river conditions
  - Depend on fish species

- ## Partners adding water to date:
- Fort Collins
  - Greeley
  - Thornton

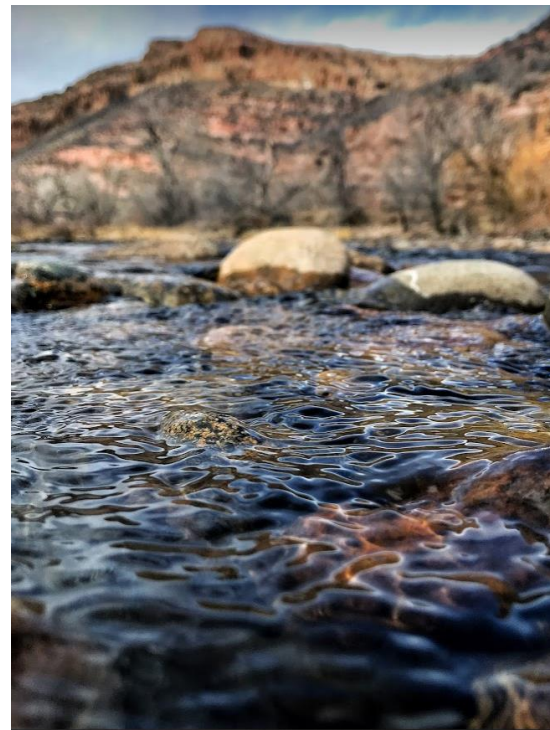


## Water Court Approval Process:

- Application filed in 2021 (21CW3056)
- Ongoing discussion with opposing parties; several rounds of comment and responses
- Trial set for October 30-31, 2025

## Infrastructure Work

- Discussions with ditch companies



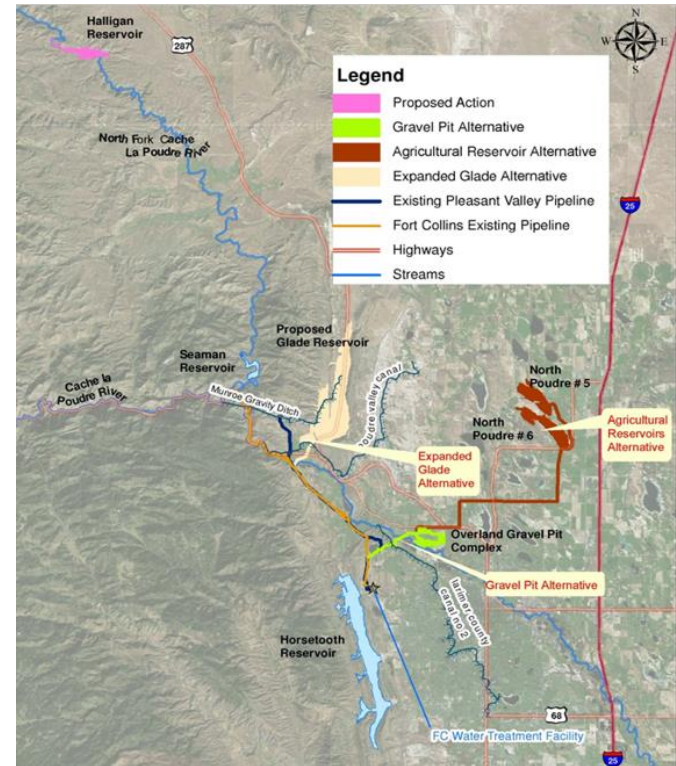
## (3) Halligan Water Supply Project

Fort Collins is seeking to enlarge Halligan Reservoir on the North Fork of the Poudre River to meet future demands and increase reliability.



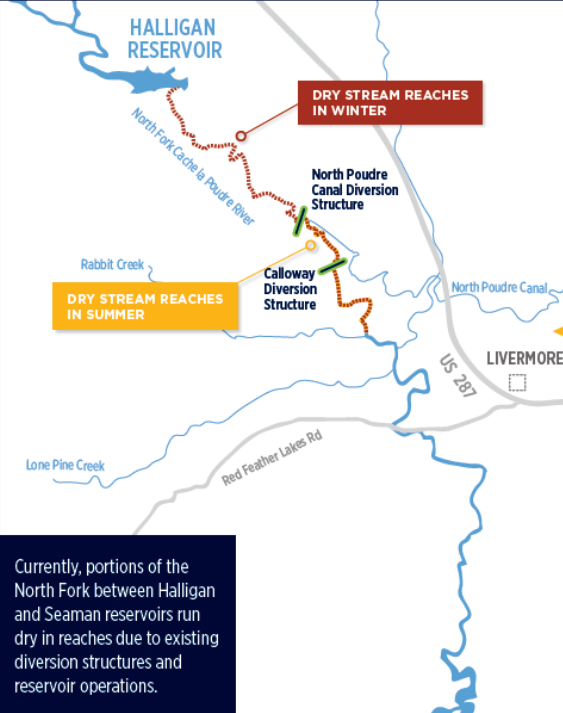
## Selected key attributes:

- Will be filled with water previously used to irrigate lands Fort Collins grew into
- Will re-water dry stretches of the North Fork
- Will increase fish habitat connectivity
- Lots of other mitigation incorporated into the project



# Halligan Water Supply Project

## CURRENT DISCONNECTED RIVER



The graphics appeared in this power are those of the City of Fort Collins. Auxiliary photos and video are available to partners with permission.



Current summer conditions



Proposed future conditions

## PROPOSED CONNECTED RIVER

