Gravel Pits Alternative

Fort Collins would develop additional water storage at the Overland Gravel Pit complex located along the Main Stem northwest of Fort Collins. In addition to gravel pit storage, this alternative features reoperation of Joe Wright Reservoir.

**Overland Gravel Pits Storage**

Water would be stored in eight gravel pits and would operate as a single unit providing 3,875 acre-feet of new water storage. Two of the excavated pits would require earthen berms approximately 20 feet high around.

Joe Wright reoperation plan targets a greater winter carryover pool at Joe Wright Reservoir. The reoperation involves late summer and early fall releases of single-use water for exchanges with North Poudre Irrigation Company.

**Infrastructure:**

- Approximately 3.8 miles of pipeline to interconnect the gravel pits and to connect to Fort Collins existing water pipeline system, including an underground crossing of the Main Stem
- A series of pumps, ranging from 45 to 1,290 horsepower, would be necessary
- Valve house and river turn out
- Pretreatment facility

**Shared Components**

Use of excess capacity on Larimer County Canal No. 2 to convey water to the Gravel Pits.

Pleasant Valley Pipeline operations with Tri-Districts and Greely to convey water to water treatment facility.