

# FORT COLLINS UTILITIES WATER 101

## CACHE LA POUDE HEADWATERS

- Provides less than half of our annual water supply
- 80% of annual Poudre runoff is from snowmelt during April to July

## MICHIGAN DITCH

- Redirects Michigan River water from the west slope to the Poudre River
- Built: 1902
- City-owned since 1971

MICHIGAN DITCH  
TUNNEL

WOOD STAVE PIPE

## JOE WRIGHT RESERVOIR

- Capacity: 7,100 acre-feet of water storage
- Elevation: 9,900 feet
- City-owned since 1971

## CACHE LA POUDE RIVER

- Poudre River water is monitored at strategic sites throughout the Mainstem, North Fork and South Fork of the watershed, including two water quality meters that provide earlywarning alerts to water treatment staff

NORTH FORK  
CACHE LA  
POUDRE RIVER

## HALLIGAN RESERVOIR

- Built: 1909
- Capacity: currently 6,400 acre-feet
- If expanded, the Halligan Water Supply Project will enlarge the existing reservoir and provide about 8,200 acre-feet of water storage for Fort Collins Utilities

FORT COLLINS  
UTILITIES INTAKE

Horsetooth  
Dam

RAW WATER

Spring Canyon  
Dam

Dixon Dam

## HORSETOOTH RESERVOIR

- Provides more than half of our annual water supply
- Capacity: 156,735 acre-feet
- Built: 1951
- Operated by Northern Water as part of the Colorado-Big Thompson Project (C-BT)
- The city owns 6% of all C-BT units

Soldier  
Canyon Dam

## FORT COLLINS WATER TREATMENT FACILITY

- 8+ billion gallons of water treated annually
- Serves 35,000+ residential and commercial customer accounts, in addition to visiting consumers (180,000 people)
- 550+ miles of distribution pipes

RAINWATER  
GAUGE

## KEY

- PIPELINES
- - - CANALS
- SEWER

RAW WATER

POUDRE PIPELINES

TREATED WATER

CANAL

CACHE LA POUDE RIVER

SEWER PIPE

MULBERRY WATER  
RECLAMATION  
FACILITY

## STORMWATER SYSTEM

- 200+ miles of underground stormwater drainage pipes
- 69 regional stormwater drainage channels
- 8,000+ inlet structures

## DRAKE WATER RECLAMATION FACILITY

- 29 million gallons treated per day between the two facilities
- 450 miles of collection pipes
- 65% of water used by Fort Collins residents is returned to the Poudre River

STORMWATER  
OUTFALL

CACHE LA POUDE RIVER

## RAINWATER GAUGE

- Flood conditions are monitored with dozens of rain and stream flow gauges, six automatic weather stations and two water quality sites