







VISION

To Provide World-Class Municipal Services through Operational Excellence and a Culture of Innovation

MISSION

Exceptional Service for an Exceptional Community

VALUES

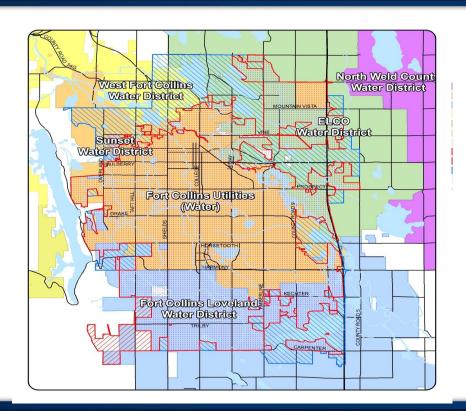
Collaboration – Excellence – Integrity Outstanding Service – Safety & Well-being Stewardship



Fort Collins Water Providers

- East Larimer County Water District (ELCO)
- Fort Collins Loveland Water District (FCLWD)
- Fort Collins Utilities (FCU)

All provide treated water service to portions of the GMA





Water Supply & Demand Management Policy

Water Supply Reliability Water Efficiency/ Demand Mgmt

Climate Resilience Water Quality

Surplus Raw Water Mgmt

Regional Cooperation



Water Supplies



Horsetooth Reservoir



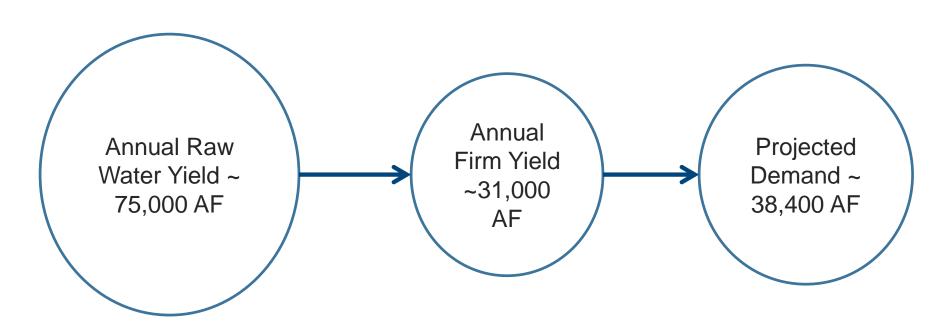
Poudre River



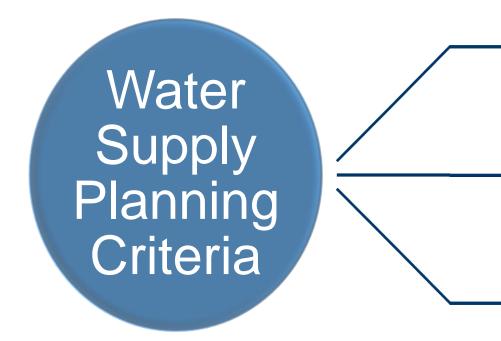
Michigan Ditch/Joe Wright Reservoir











Planning Demand Level

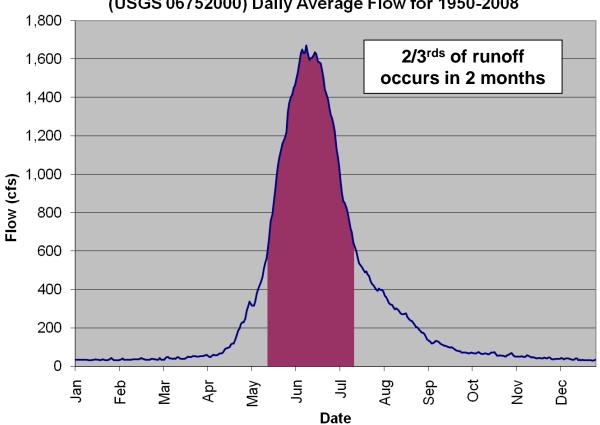
150 gpcd planning demand level

Drought Criterion

1-in-50 year drought

Storage Reserve Factor 20%

Poudre River at the Mouth of the Canyon Gage (USGS 06752000) Daily Average Flow for 1950-2008

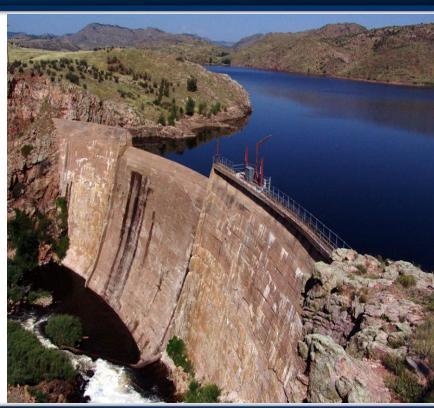




Carryover Storage

Halligan Reservoir Enlargement

- Existing Reservoir on North Fork of Poudre River
- Pursuing enlarged to ~14,525 AF
 - Existing NPIC ~6,400 AF
 - Utilities ~8,125 AF
- Meet Future Demands
- Drought Security
- Emergency Storage Reserve





Operational Storage

Rigden Reservoir

- Full utilization of existing water rights
- Collaborative Project
 - Utilities, Parks, Natural Areas
- 1700 AF Storage for Utilities
- Cost ~\$14M





The updated Water Efficiency

130 GALLONS

BY THE YEAR

Water Efficiency/Demand Management



Energy is used to treat, ansport and heat water.

engaged customers thousands of times

throughout the year, with over

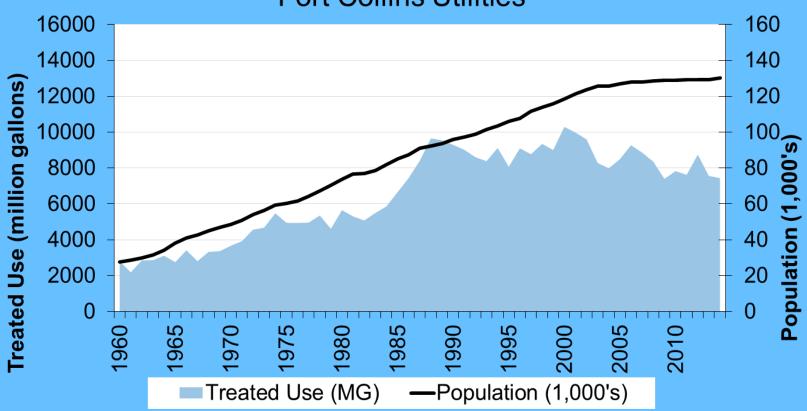
participating in a program or

impleting an efficiency project.

Water Efficiency

- Doing more with less
- Provide water for multiple beneficial purposes
- Reduce the need for capital expansion projects and certain operational costs
- Prepare for potential impacts of climate change

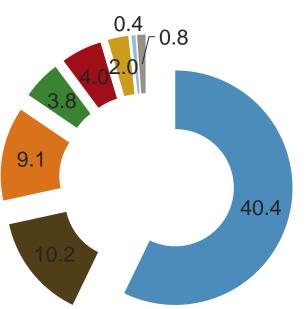
Treated water use and population, 1960 - 2014 Fort Collins Utilities





How Are We Doing?

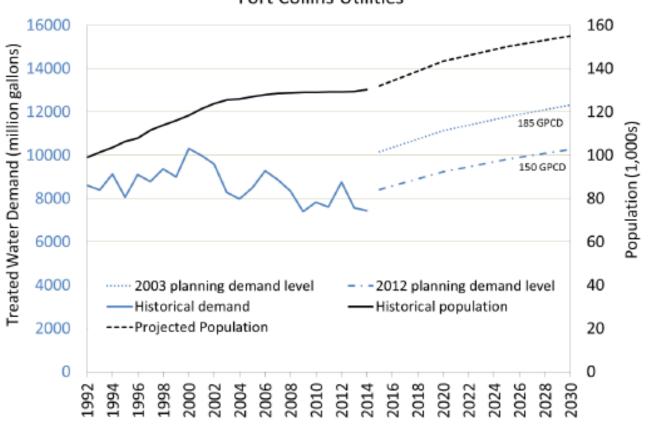
2016 Water Savings (million gallons)



- Informational Reports
- Residential Rebates
- Commercial Rebates
- Direct Install Programs
- Audits & Assessments
- ContinuousConsumption
- Landscape Programs

Total:
70
million
gallons
saved in
2016

Treated Water Demand and Historical Planning levels Fort Collins Utilities



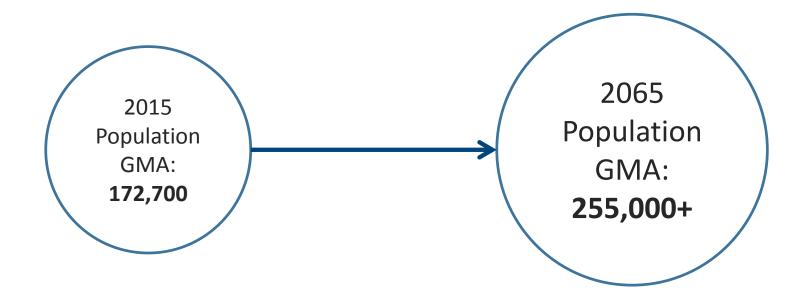


CHALLENGES/ OPPORTUNITIES



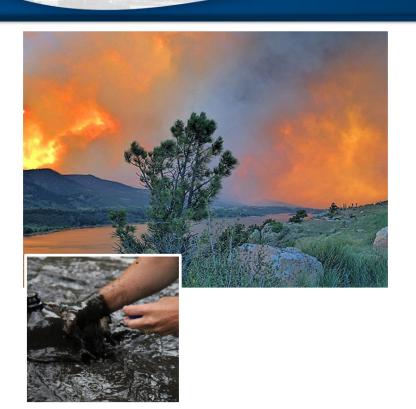


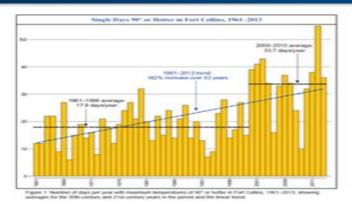
Population Growth

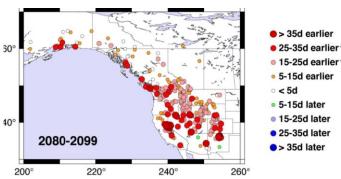




Climate Change

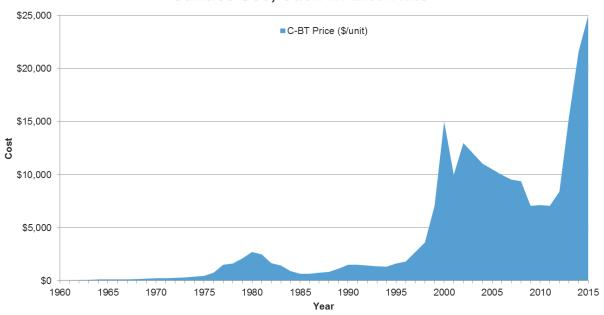


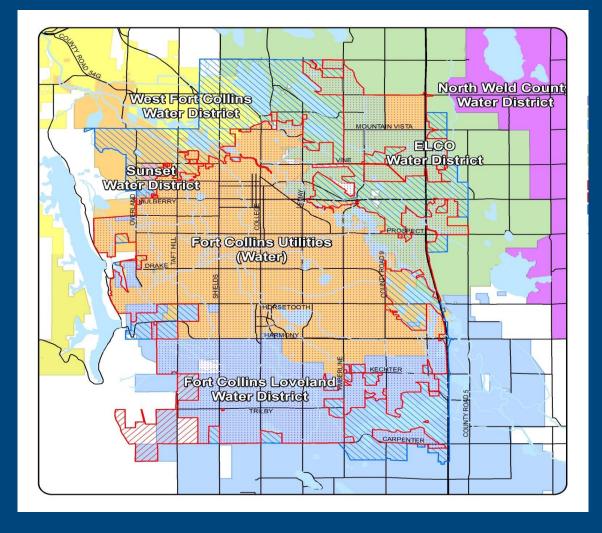






Colorado-Big Thompson Project Unit Price vs. Fort Collins Utilities Use, Cash-in-Lieu Rate





Multiple Water Providers



Regulatory Constraints







Water Future





Regional Lens

Regional Water Collaboration

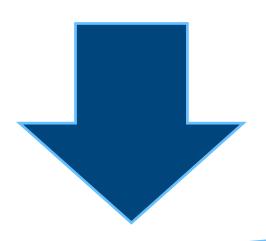
- Shared water resources
- Similar treatment/distribution facilities
- Common challenges
- Focus on:
 - Water Conservation
 - Water Resources Planning
 - Future Water
 Supplies/Infrastructure





Water/Land Use Integration

| INTERVENTION POINT | PURPOSE |
|----------------------------|---|
| Planning & Policy Making | Goals and objectives for managing the intersection of natural resources and the built environment. |
| Pre - Development | Links new development to water supply planning |
| At Development Review | Determines what water resource management, conservation and efficiency requirements are applied to development. |
| At Building & Construction | |
| Post-Occupancy | Incentivizes homeowners and renters to reduce water consumption. |



Challenges

- Growth
- Cost affordability
- Climate Trends
- Regional Challenges
- Regulatory Constraints

Opportunities

- Integrated Water/Land Use Planning
- Watershed Protection/Mgmt
- Redundant Systems/Supplies
- Climate Vulnerability Planning
- Storage Development
- Demand Management
- Regional Collaboration

