What is Fort Collins up to?

Tracking Data
- Water Supply Vulnerability Study
- City Plan
- Water Supply Requirements and Code work
- AMI data
- CSU Study
- Landscape Water Budgets

Building Relationships
- Regional Collaboration
- Growing WaterSmart workshops
- Land Use Code
- Minor Amendment Process
- Raising awareness w/Leadership
- Water Shortage Planning
**Demand Forecasting Tool**

- Zoning and Development Density, Weather, Economic Conditions, Historical Use
- Two future demand scenarios

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**Water Supply Vulnerability Study + City Plan**

## City Plan 2 Demand
- Service Area Pop ~179,000
- Total Annual Demand (ac-ft): 37,700

## City Plan 3 Demand
- Service Area Pop ~195,000
- Total Annual Demand (ac-ft): 39,200

## Previous Planning Demand
- Service Area Pop ~178,000
- Total Annual Demand (ac-ft): 40,600
Making the most of the land we have left...

As we look ahead, it is important to consider how we can best use the limited supply of remaining vacant land to meet our future needs. Principles and policies in City Plan address the overall mix, distribution and intensity of land uses in different parts of Fort Collins; promote the efficient and cost-effective provision of public infrastructure and services; and support the development of the types of places we would like to see—or retain—in our community in the future.

Where are we today?

» Undeveloped land within the GMA is becoming increasingly scarce.

» Much of the remaining undeveloped land in the GMA is not served by City sewer and water utilities, which could impact the availability, timing and pricing of future development in these areas.

» Underutilized properties have significant potential for infill and redevelopment, particularly along current and future transit corridors.

» Without a significant increase in density in key locations, a transportation system desired by the community, including improvements to transit and infrastructure for bicycles and pedestrians, will not be viable.

Promoting sustainable development practices
Policies seek to reduce net energy and water use in new and existing development.

Water resources
Policies seek to ensure that water is used wisely and our community is prepared for a changing climate.
Change Type Request

- 19% Landscape & Other
- 11% Landscape Only
- 70% Other
- n = 342
- n = 91
- n = 52

143 Projects Changing Landscape

- 78% (A) Commercial Planting Plan Adjustment
- 16% (B) Residential Parkway Amendment
- 3% (C) Commercial Turf to Native Turf
- 2% (D) Commercial Turf to Alternative
- 1% (E) Commercial Parkway to Alternative

MA Projects 2015 - 2019
Regional Collaboration Committee & Growing WaterSmart

RESOLUTION 2016-098
OF THE COUNCIL OF THE CITY OF FORT COLLINS
APPROVING THE CHARTER OF THE REGIONAL WATER COLLABORATION STEERING COMMITTEE

COLORADO GROWING WATER SMART

LEGEND

Shade Tree
Ornamental Tree
Evergreen Tree
Entry Sign/ Monument
Street Lights
Landscape Edging

Fence Column
6' Wood Privacy Fence
Wood 3 Rail Open Rail Fence
Bud
Native Seed

Landscape Area Table

<table>
<thead>
<tr>
<th>Category</th>
<th>Water-Use</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shrub Beds</td>
<td>Moderate</td>
<td>35,704 sf</td>
</tr>
<tr>
<td>Sod Areas</td>
<td>High</td>
<td>14,259 sf</td>
</tr>
<tr>
<td>Tree Lawn Sod</td>
<td>High</td>
<td>13,720 sf</td>
</tr>
<tr>
<td>Native Seed</td>
<td>Low</td>
<td>35,588 sf</td>
</tr>
</tbody>
</table>
Raise Awareness with Leadership, Example 1:

Before

After
Example 1:

Annual Water Use (Gallons)

Year 1: Project Start

Year 2: Establishment

Established

Pre-Project

Annual savings: ~$3,000
Example 2:

“We wanted to create a natural space for various plants and creatures and were excited to create a place for people to enjoy and be inspired.”

–Resident
Example 2, Year 1

June 2018

July 2018

Sept 2018
Example 2, Year 2

Annual Water Use (Gallons)

Pre-Project

Year 1: Project Start

Year 2: Establishment

July 2019

July 2019
Water Supply Requirements & Code work

**SCENARIO**

*Need*: 6.7 million gallons

*Allotment*: 3.1 million gallons

*Excess Water Use (EWU) Surcharges*: $25K

**OPTIONS**

1. Pay $25K in EWU
2. One-time cost of $366,000 to increase allotment
3. One-time $75K cost to implement landscape transformation project
Half of all irrigation accounts have signed up to track their water use online and receive notifications through WaterSmart

- + ~600 more “commercial” or “multi-family” accounts
Partnering with Research Institutions
Advice from a water utility?
RESPECT
Treatiing people, places, and things with kindness.

CARING
Feeling and showing concern for others.

COURAGE
Being brave when facing new or difficult circumstances.

INCLUSIVENESS
Including others, inviting them in, and welcoming them with open arms.

INTEGRITY
Acting in a way you know to be right and kind in all situations.

RESPONSIBILITY
Being reliable to do the things that are expected or required of you.
Thank you!

Liesel Hans
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