Learn how to reduce your outdoor water use and lower your water bill at the

# Sustainable Landscape Open House

Friday, Oct. 4 8:30–10 a.m. Colorado River Community Room 222 Laporte Ave.





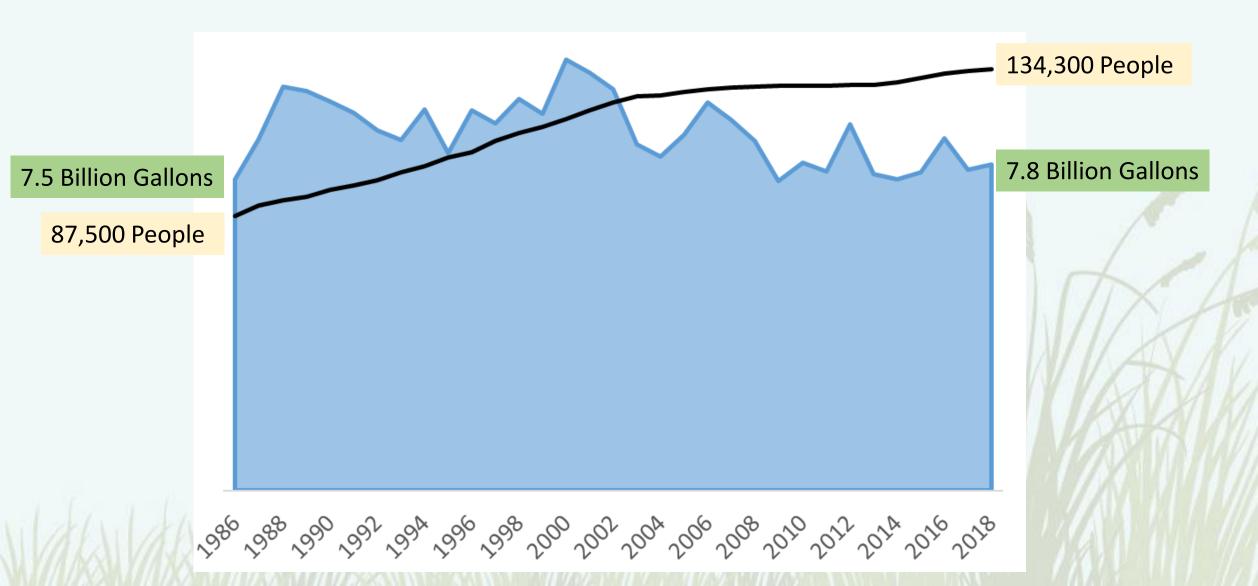


#### Agenda

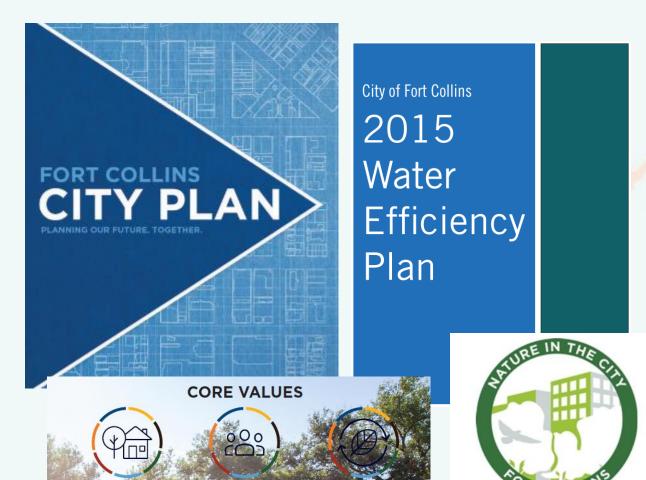
- Introductions
- Program Overview
  - Allotment Management Program (AMP)
  - Xeriscape Incentive Program (XIP)
- Minor Amendments
- Best Practices and Expectations
- Additional Opportunities
  - Nature in the City
  - Northern Water
- Q&A
- Mingle Time!

# **Water Conser** loench-

#### Water Conservation – it is important!



#### Water Conservation – it is important!



SUSTAINABILITY

FORT COLLINS IS

FORWARD THINKING

COMMUNITY

FORT COLLINS IS

FOR EVERYONE

LIVABILITY

FORT COLLINS IS

THRIVING



#### Excess Water Use surcharge

#### **Allotments**

- Annual volume of water a tap can use before being subject to Excess Water Use surcharge.
- Provide reliable water supply.
- 2019 Cost: \$33,450 per acre-foot
- 2020 Cost: \$41,187 per acre-foot

#### **Excess Water Use Surcharge**

- Surcharge applied to all water used over the allotment.
- Allows Utility to provide reliable water supply for unaccounted water.
- 2018 Cost: \$8.14 per 1,000 gallons
- 2020 Cost: \$10.09 per 1,000 gallons

#### Water Conservation – it is important!



Annual Water Use: 800,000 gallons

Cost of Water: \$2,200

Cost of Excess Water Use: \$4,000



Annual Water Use: 217,000 gallons

Cost of Water: \$612 per year Cost of Excess Water Use: \$0

#### Savings

- 583,000 gallons
- Up to \$5,588

Increased Drought Resiliency

**Increased Pollinator Habitat** 

Temporary Waiver from Excess Water Use surcharges

Who: Allotment customers



**Grant Program** 

Who: Any non-residential customer



Eligible customers submit a plan for long-term, permanent outdoor water reduction.



Staff determines if customer and project qualify.



If project qualifies, customer receives a temporary exemption from excess water use surcharges.



Customers who do complete project may be billed for any applicable surcharges.

#### How do I qualify?



Fort Collins Utilities <u>non-residential</u> water customer



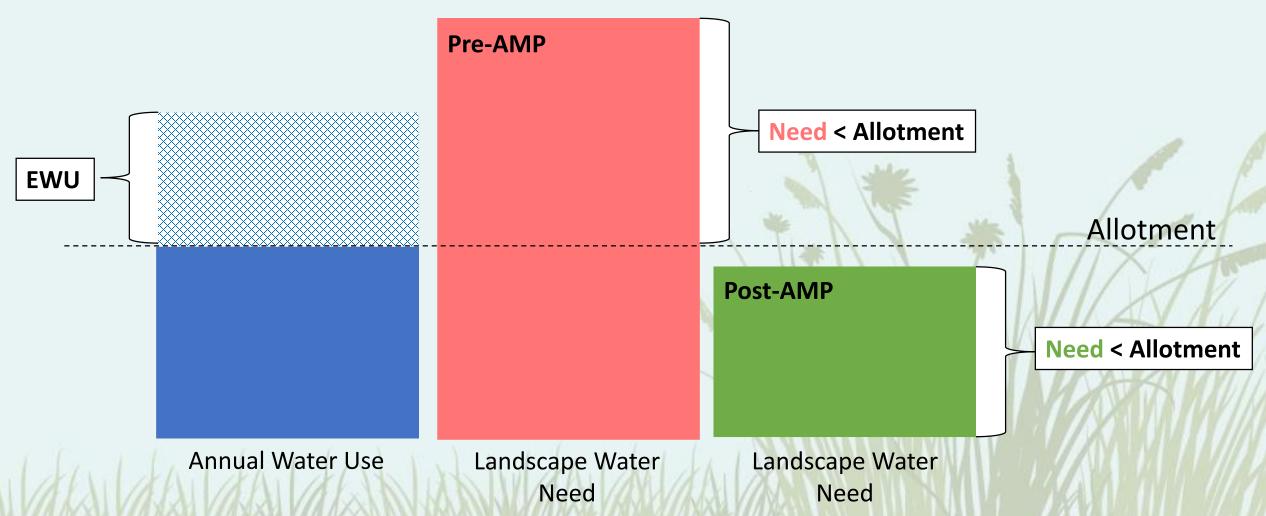
Plan for long-term <u>outdoor</u> water reduction



Demonstration that customer will exceed allotment given current landscape, even when watering efficiently.



Demonstration that customer will exceed allotment given current landscape, even when watering efficiently.



## Temporary Waiver from Excess Water Use surcharges

#### **Program Timeline**

- Launch: July 2019
- First waiver available in 2020

Must apply by <u>Dec 31, 2019</u> to receive waiver in 2020.

- Program application closes: Dec 2022
- Last year of waivers: 2025

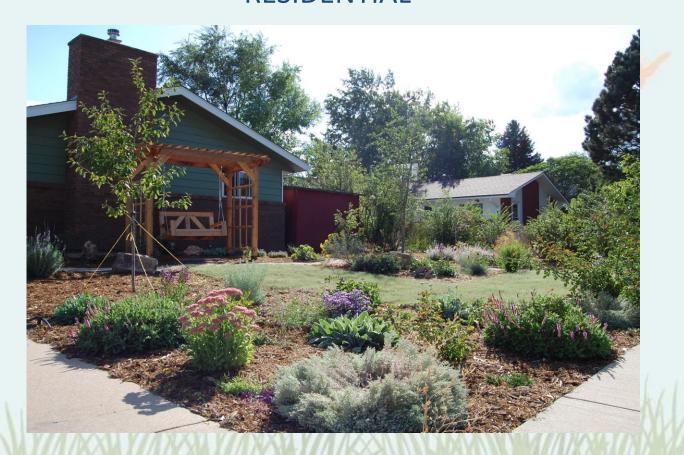
#### **Waiver Details**

- Waiver up to 3 years
- Multi-year waivers will be tiered:
  - 2-year waiver
    - Year 1 100% waived
    - Year 2 50% waived
  - 3 year waiver
    - Year 1 100% waived
    - Year 2 66% waived
    - Year 3 33% waived

#### **Program Details**

- Progress Reports
- Establishment Plan
- Long-term
   Management Plan













Eligible customers apply by Dec 31 2019 detailing a landscape conversion project.



Review team evaluates grants.



Awards distributed in Feb 2020.



Project complete by end of 2020 (plants installed).



#### How do I qualify?



Fort Collins Utilities non-residential water customer.



Must be able to meet at 50% cash match.



Projects must be completed (plant material installed) by end of 2020.



Must apply with a landscape conversion project.



#### **Program Timeline**

- Opens Oct 11 2019
- Closes Dec 31 2019
- Awards distributed in Feb 2020

#### **Program Details**

- Limited number of grants will be awarded
- Receive up to \$15,000
- Requires 50% cash match
- Bonus available for volunteer case studies

#### **Award Details**

- Progress Reports
- Establishment Plan
- Long-term Management
   Plan
- 25% of funding held until after final project report has been submitted

#### **AMP and XIP Steps**



#### **PRE-APPLICATION**

DETERMINES CUSTOMER ELIGIBILITY.

Must be submitted by Dec 16 (at the latest).



#### **APPLICATION**

DETERMINES PROJECT ELIGIBILITY.



#### **PROJECT & REPORTING**

TRACK PROJECT PROGRESS AND COMPLIANCE.

**ZoomGrants Platform** 

#### AMP and XIP Submission Requirements



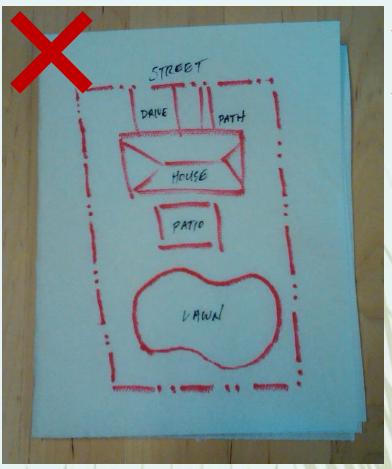
Application Questions

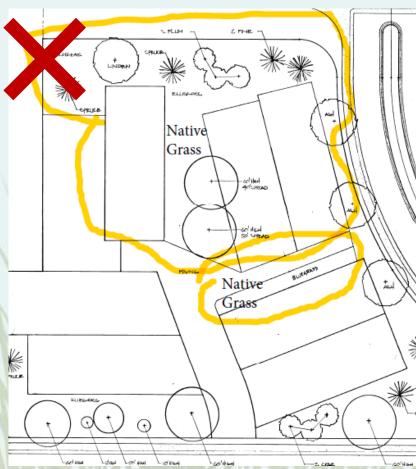
Landscape Plan





Irrigation Plan





#### **AMP and XIP Submission Requirements**



Landscape Plan

Plant Name/Type

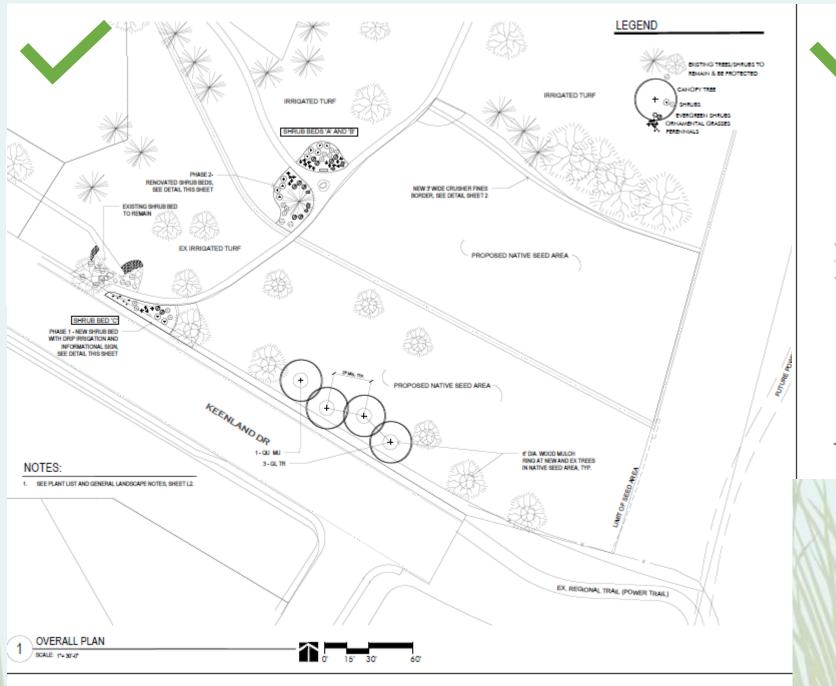
Hydrozone

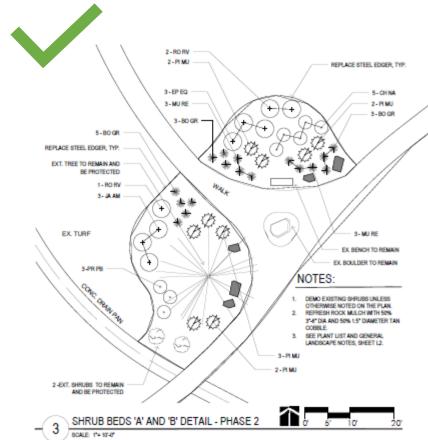
Mature Plant Size

Sun Exposure Location of Landscape Elements

Julian

Location of Trees





#### AMP and XIP Submission Requirements



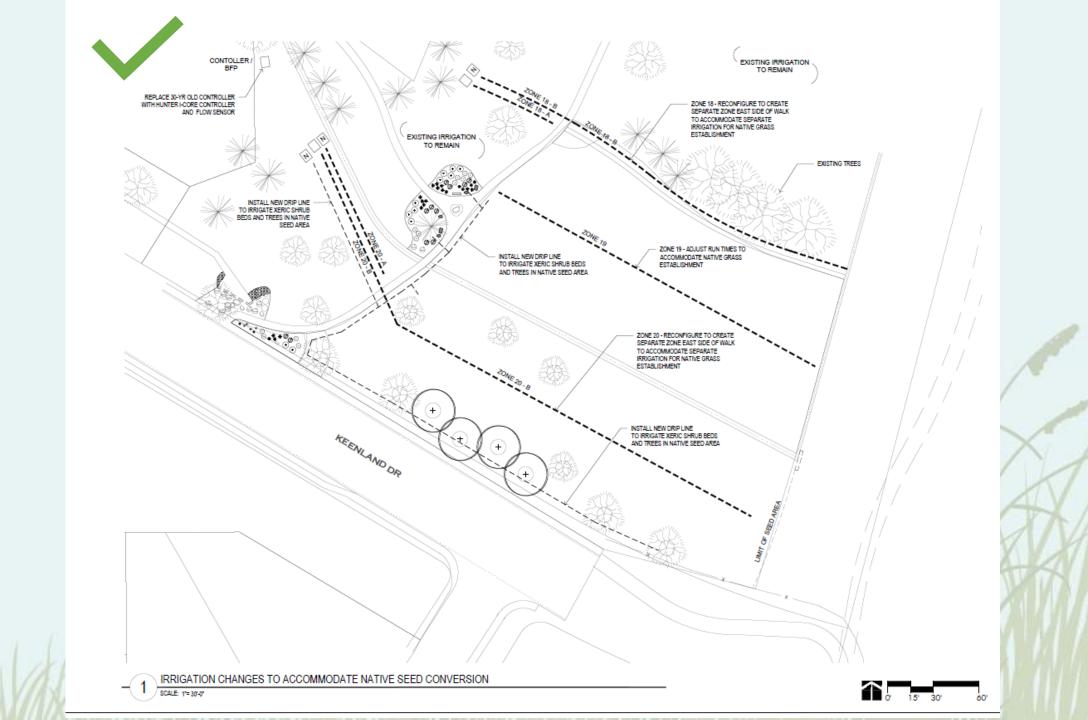
Irrigation Plan

Irrigation Zone
Type

Location of Controller

Location of Backflow

Reconfiguration of zones

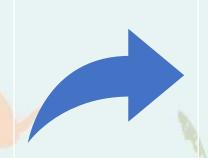


#### **AMP and XIP Reporting**



#### **Establishment Plan**

Removal of existing landscape to establishment – watering, weeds, etc.



#### Long Term Management Plan

Standard Maintenance – watering, weeds, plant replacement, etc.



Think about weeds!





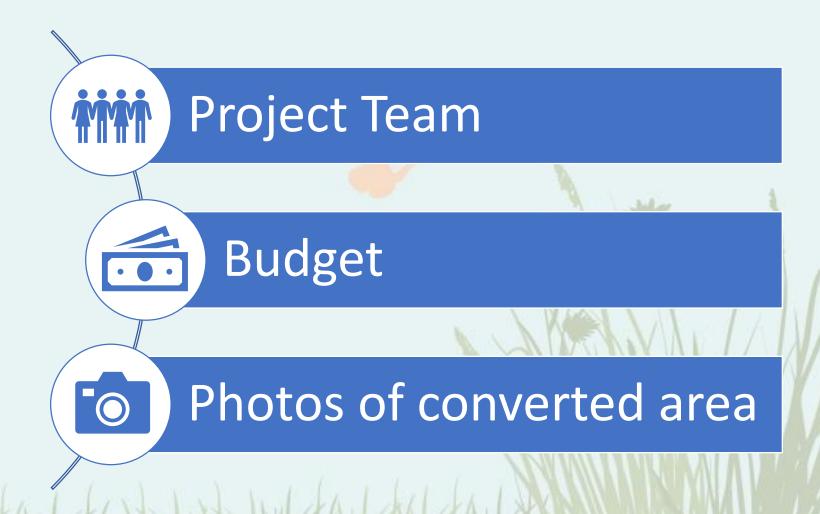
- For customers w/ an allotment
  - Unlimited number of awards
- Full Application by Dec 31 2019 to receive waiver in 2020



#### **Grant program**

- For <u>any</u> commercial customer
  - Limited number of awards
- Full Application by Dec 31, 2019 to receive award in 2020

#### Other Application Requirements



#### Minor Amendment



Comments Due By:
Minor Amendment #
Zoning Facilitator:

#### **Minor Amendment Application Form - Zoning Department**

The requested information on this application is required.

Project name:	
Project Location (Street Address):	
General Information: List all propert Owner's Name (s):	y owners having a legal/equitable interest in the property (Attach separate sheets if necessary,
Street Address:	City/State/Zip:
Telephone:	Email:
Applicant's/Consultant's Name:	Name of firm:
Street Address:	City/State/Zip:
Telephone:	Email:

#### SUBMITTAL REQUIREMENTS

- The initial submittal and additional rounds of review shall be electronic (one (1) copy on a CD or Flash drive) of
  the site, landscape, elevation, etc. whichever sheets are being altered. A Legal Description is required. Changes
  on each sheet should be clouded.
- Once all departments approve the proposed changes a Final Hard Copy will be required to be printed on 24"x36" Mylar sheets. Please ensure the electronic submittal can be printed to scale on 24"x36" sheets.
- Complete and sign <u>Minor Amendment application</u> form and <u>Transportation Development Review Fee application</u> form (TDRF). The following link is to the TDRF application form:
- https://www.fcgov.com/engineering/pdf/TDRF2012applicationform.pdf?1365616099
- 3) Application fee of \$350.

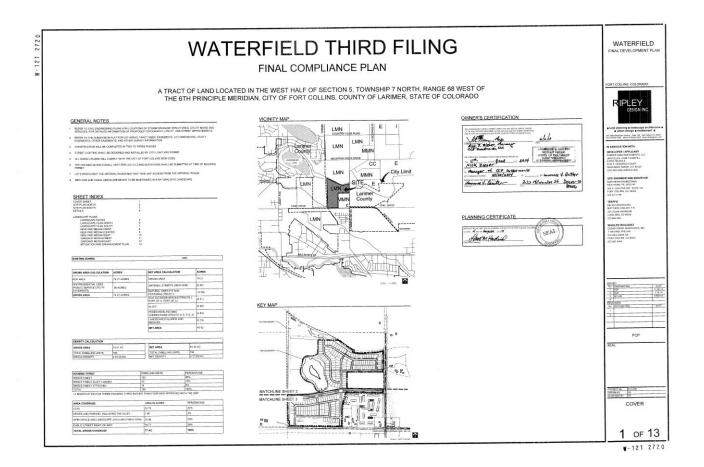
Note: an additional \$250 fee is required if the Poudre Fire Authority (PFA) needs to review the application. Typically, PFA fee is required for all changes of use, building additions and/or new buildings.

#### MINOR AMENDMENT

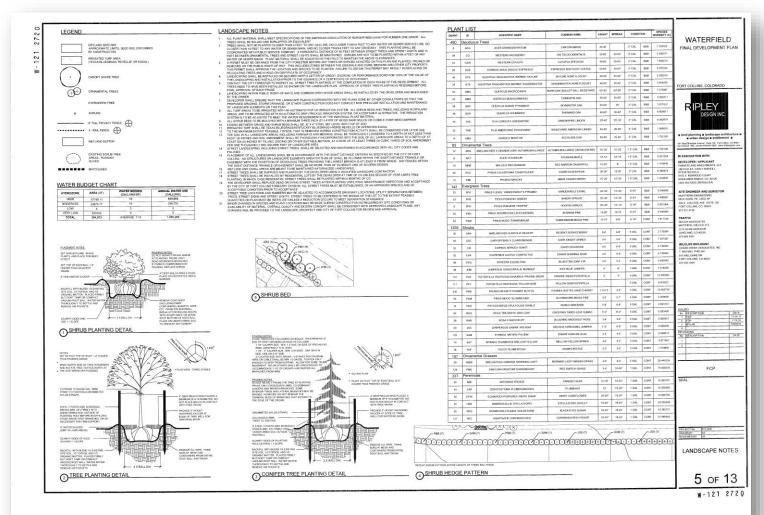
Detailed description of the change and reason(s) for the request:

### CERTIFICATION I certify the information and exhibits submitted are true and correct to the best of my knowledge and that in filing this application, I am acting with the knowledge, consent, and authority of the owners of the property (including all owners having a legal or equilable interest in the real property, as defined in Section 1-2 of the City Code; which is the subject of this application) without whose consent and authority the requested action should not lawfully be accomplished. Pursuant to said authority, hereby permit City officials to enter upon the property for the purpose of inspection, and if necessary, for posting a public notice on the property. Name (please PRINT): Address:

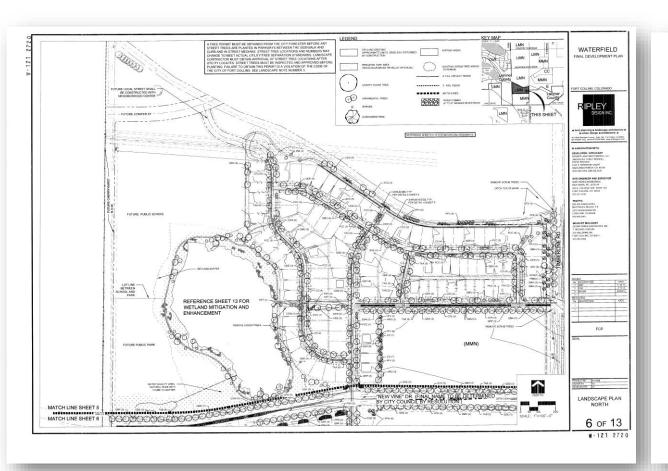
281 N. College Ave, PO Box 580, Fort Collins, CO 80522, (970) 416-2745 F: (970) 224-6134

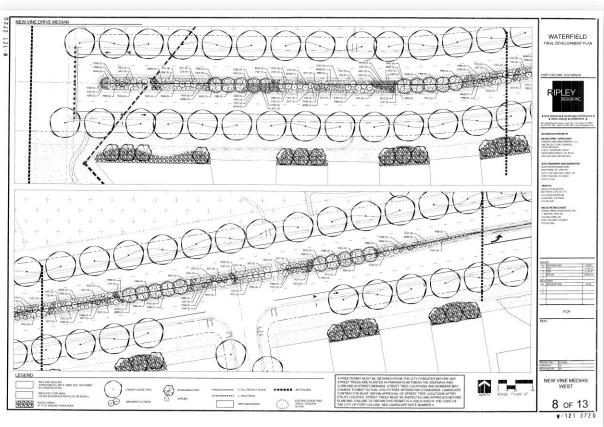


#### Minor Amendment



#### Minor Amendment





#### **Minor Amendments**

#### **Contact Information**

970-416-2745

zoning@fcgov.com

#### **Best Practices and Expectations**

- Irrigation considerations
- Site evaluation
- Installation and erosion
- Trees
- Expectations

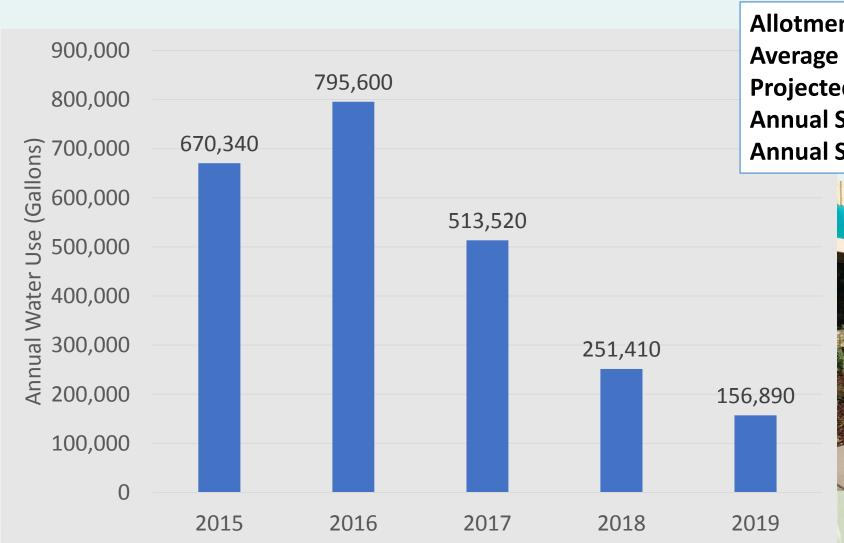
#### Irrigation considerations



- Plant type vs. water need
- Separate zones for conversion
- Watering for establishment



#### Larimer County Xeric Project



Allotment 293,270 gal
Average Historic Use 600,000 gal
Projected Use 275,000 gal
Annual Savings 325,000 gal
Annual Savings \$3,000 per year



#### Site Evaluation and Plants



- What's the use?
- Plant types need to fit the situation

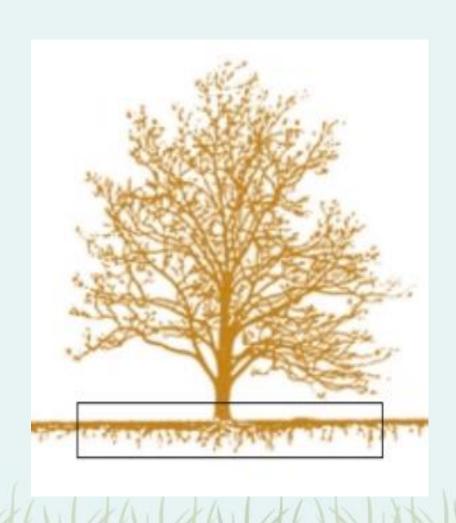


#### Installation and erosion (or not)





#### **Trees**





#### Projects in their first year



But don't worry because....

#### Fort Collins Low-Water Grass Projects







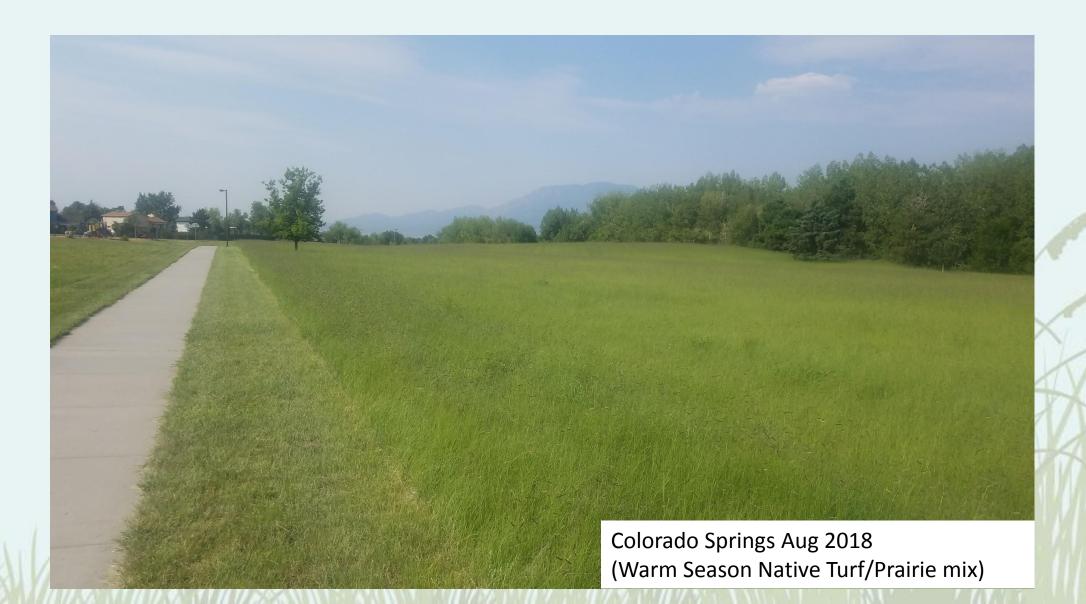


#### Fort Collins Low-Water Grass Projects

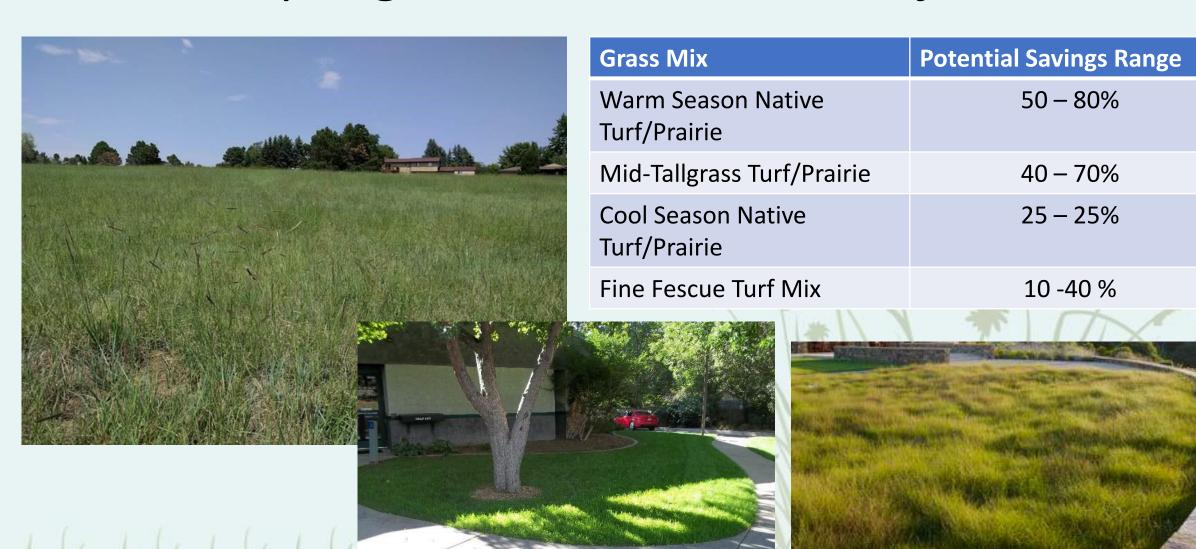


fcgov.com/naturalareas/native-plants

#### Colorado Springs Low-Water Grass Projects



#### Colorado Springs Low-Water Grass Projects

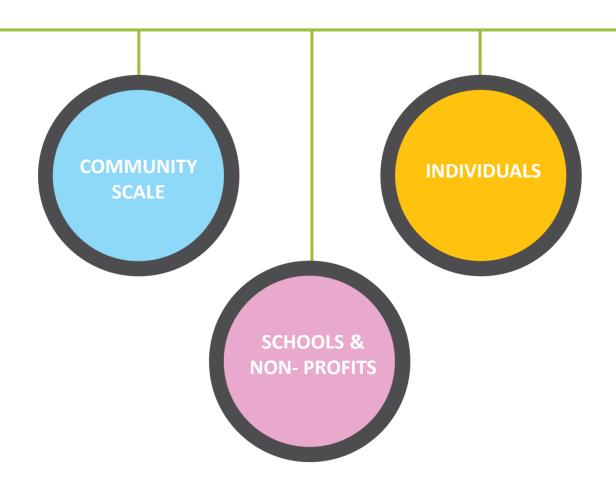


#### Nature in the City





# NATURE IN THE CITY 2020 COMMUNITY GRANT PROGRAM





# NATURE IN THE CITY 2020 COMMUNITY GRANT PROGRAM





Demonstration projects utilizing native plantings

High quality natural environments

Welcoming to the public

#### LET'S CONNECT!

JULIA FEDER

JFEDER@FCGOV.COM

970.221.6213

WWW.FCGOV.COM/NATUREINTHECITY



#### Northern Water

#### **Program Details**

- Be in Northern Water boundaries
- Receive up to \$15,000
- Required to participate in consult prior to applying

#### **Timeline**

Consultations for Applicants: July 1-Sept. 30, 2019

Applications Accepted: Oct. 1-Nov 15, 2019

Applicants Notified: Jan. 15, 2020

Contracts Signed/Projects Start: March 15, 2020

Project Completion Deadline: Aug. 31, 2020

Colorado Springs – Converting Kentucky Bluegrass to Native Grasses: Where, Why, and How

#### Thank you!

#### **Abbye Neel – Water Conservation Specialist**

fcgov.com/amp and fcgov.com/xipXL amp@fcgov.com and xipXL@fcgov.com 970-416-4371

#### **Important Links**

WaterSmart – <u>fcgov.watersmart.com</u>
Landscape Water Budget – <u>fcgov.com/commercial-irrigation</u>
City Docs – <u>citydocs.fcgov.com</u>