KNOW YOUR ALLOTMENT: Excess Water Use Fee Increases May Lead to Higher Bills

Friday, March 30, 8:30-10 a.m., 215 N. Mason St., Community Room (geared toward landscape contractors and property managers)

Thursday, April 26, 8:30-10 a.m., 222 Laporte Ave., Colorado River Room (geared toward contractors)

Tuesday, May 22, 8:30-10 a.m., 222 Laporte Ave., Colorado River Room (geared toward landscape contractors and property managers)
My Goals

Understanding of Allotment and Excess Water Fee

Understanding of tools and programs to monitor use

Rebates and other opportunities to improve efficiency
1. Welcome
2. Review Allotment and Excess Water Fee
3. Tools to Monitor Use
4. Rebates
5. Irrigation Efficiency
6. Certified Landscape Professional Annual Updates
7. Questions
What is 1 + 1?

A. Not this one
B. Still not this one
C. 2
D. You’ve gone too far, go back to C
What brought you here today?

A. Breakfast
B. Learn about CLP
C. Learn about allotments
D. Learn about Landscape Budgets
E. Eric told me I had to come
F. All of the above
Allotments

- **WHAT:** Water rights or fee paid at the time of development based on use and type of development

- **WHY:** generate adequate funds and water rights to provide reliable water supply, storage, transmission, and infrastructure
Excess Water Fee

- **WHAT:** The amount of water used in excess of the assigned allotment charged at a fee of $8.14 per 1,000 gallons over the allotment
- **WHY:** generate adequate funds and water rights to provide reliable water supply, storage, transmission, and infrastructure
Cost to increase allotment – What’s Changing?

$12,480 per acre-foot (325,851 gallons)

2018
$33,216 per acre-foot (325,851 gallons)

Cost of providing reliable water supply based on today’s estimate.
Historical Surcharge: $3.06 per 1,000 gallons over annual allotment

2018 Surcharge: $8.14 per 1,000 gallons over annual allotment
Why did the cost increase?
I'm so tired today.

SPLOOSH!

Sorry. I get excited when people have problems that I know how to solve.
# How do I find this on my bill?

<table>
<thead>
<tr>
<th>Service</th>
<th>Rate Code</th>
<th>Service Date From</th>
<th>Service Date To</th>
<th>Days</th>
<th>Meter Readings</th>
<th>Multiplier</th>
<th>Usage</th>
<th>Charge</th>
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<tbody>
<tr>
<td>Stormwater</td>
<td>H212</td>
<td>11-01-17</td>
<td>12-01-17</td>
<td>30</td>
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<tr>
<td>Wastewater</td>
<td>S523</td>
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<td>Water</td>
<td>W523</td>
<td>10-31-17</td>
<td>12-01-17</td>
<td>31</td>
<td>76185</td>
<td>79392</td>
<td>100</td>
<td>$850.58</td>
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<tr>
<td>Excess Water Use</td>
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<td>10-31-17</td>
<td>12-01-17</td>
<td>31</td>
<td>76185</td>
<td>79392</td>
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<td>$981.34</td>
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<tr>
<td>Service Charge</td>
<td>C001</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$19.65</td>
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</tbody>
</table>

| Sub-total        | $3,724.45 |
| Total charges this billing period | $3,724.45 |

➢ Monitor Use
➢ Text & Email Alerts
➢ Add Multiple Accounts
➢ Easily share use with contractors, board members, etc.

fcgov.watersmart.com
WaterSmart Alerts

My Daily Use
3,545 Gallons Per Day
View use

Compare your past use 195% ↑
For this billing period

<table>
<thead>
<tr>
<th></th>
<th>Feb-Mar 2016</th>
<th>Feb-Mar 2017</th>
<th>Feb-Mar 2018</th>
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<tr>
<td>3,545</td>
<td></td>
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<td>1,017</td>
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<tr>
<td>1,203</td>
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</tr>
</tbody>
</table>

Savings up to

- 40 GPD  $92/year

See more

Recommended
Raise Lawnmower Blades

Notifications

- Alert - March 13
  Unusual Use Detected
  Your water use was abnormal during the last billing period from Feb 14, 2018 - Mar 13, 2018. It's possible you had a leak.
  Investigate unusual use

- Reminder
  New Data Available
  Your WaterSmart Portal has been updated
  read more

- Announcement
  Your use versus your annual allotment
  3,128,170 gallons: Your annual allotment
  read more

I Want To...

- Check if I have a leak
- Learn where I use the most water
- Sign up for unusual use alerts
Your use versus your annual allotment

- **977,553 gallons**: Your annual 2018 allotment
- **610,590 gallons**: Your monthly water usage for the billing period ending 04/01/18
- **1,593,390 gallons**: Your year-to-date* water use as of 04/01/18.

Keep track over the year, set up your Use Notifications.

*Note: The year-to-date variable includes an estimated portion for any bills that span two calendar years. For example, if you received a bill for your use from December 15, 2017 to January 15, 2018 we estimate a portion of the use that occurred in...
Tracking Your Long-Term Use

Not as efficient as last year
You’re tracking to use about 8% more than last year.

So far you have used 664,500 Gallons in 2018.
We estimate you will use 4,042,600 Gallons by the end of the year.

Ways to save
If I exceed my allotment, what is the excess water fee?

A. $8.14 per 1,000 gallons over the allotment
B. $3.06 per 1,000 gallons over the allotment
C. $6.50 per 1,000 gallons over the allotment
D. $2.87 per 1,000 gallons over the allotment
When does the excess water fee start being charged?

A. At the beginning of the year
B. Every time 1,000 gallons is used
C. When the annual allotment is exceeded
D. When irrigation starts
If I would like to permanently increase my allotment how much does it cost?

A. $8.14 per Acre-Foot (325,851)
B. $33,216 per Acre-Foot (325,851 gallons)
C. $12,500 per Acre-Foot (325,851 gallons)
D. $3.06 per Acre-Foot (325,851 gallons)
Landscape Budget Program

- [Image of landscape and water cycle]
- [Bar chart showing water usage by month]

City of Fort Collins

Water, gallons

Jan | Feb | Mar | April | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec

Indoor Use | Efficient Use | Inefficient Use | Excess Use | Efficient Water Use Budget

Values:
- Jan: 100,000
- Feb: 200,000
- Mar: 300,000
- April: 400,000
- May: 500,000
- Jun: 600,000
- Jul: 700,000
- Aug: 1,200,000
- Sept: 900,000
- Oct: 600,000
- Nov: 300,000
- Dec: 100,000
Enrollment

1. One-on-one hour meeting to review initial report
2. Receive subsequent reports summarizing water use and customized recommended use
3. Notifications regarding sprinkler times, allotment overages, and other relevant information.

Space is limited.
If interested sign up today! [fcgov.com/commercial-irrigation]
Eligibility
1. Have at least one commercial Fort Collins Utilities water tap
2. You must have the account number and permission from the primary account holder

Space is limited.
If interested sign up today!
fcgov.com/commercial-irrigation
Why do allotments and the excess water fee exist?

A. Generate funds to acquire necessary water rights
B. Generate funds to provide storage and transmission of water
C. Generate funds for necessary infrastructure
D. All of the above
To sign up for the Landscape Budget program I need...

A. Account Number
B. Have a Fort Collins Utilities Commercial Tap
C. Permission from the Primary Account Holder
D. Visit fcgov.com/commercial-irrigation and sign up!
E. All of the above
To sign up for the WaterSmart allotment notifications program I need...

A. Account Number
B. Have a Fort Collins Utilities Commercial Tap
C. Permission from the Primary Account Holder
D. Visit fcgov.watersmart.com and sign up!
E. All of the Above
Outdoor water use accounts for **60%** of total use.

And that is where you come in....
On average how much water used outdoors is wasted from inefficient watering methods?

A. 60%
B. 50%
C. 40%
D. 30%
What Can Be Done?

Identify the problem(s)
- Poor scheduling
- Breaks
- Pressure
- Poor design areas
- Watering all zones same
Scheduling / Programming

Must Do’s:
• Cycle- soak watering
• All zones are not equal!
  • Run times will vary
• Seasonal adjustments
  • Spring and fall
New Controller Technologies

Smart Controllers
- Water to ET values
  - Savings = spring & fall
- Track water use
  - Monthly
  - Tiers
- Identify breaks
  - Flow monitoring
High Pressure = Waste

Rebates are available:
• Pressure reducing heads
  • California law
• Pressure reducing at the valve
Poor Designs or Upgrades

- Consider upgrading spray zones to multi-stream nozzles
- PR rates can be adjusted to the mature landscape in mixed hydrozones
What should you always consider when programming a controller?

A. Spray heads = 20 minutes
B. Rotor heads = 45 minutes
C. No two zones are the same
D. Only using one program for all zones
What are the “Must-Do’s” to consider when scheduling and programing?

A. Cycle-soak watering
B. Run times will vary from zone to zone
C. Seasonal Adjustments = Key!
D. All of the above
Certified Landscape Professionals

Program established in 2016

- Industry certified contractors

- Maintain certification
  - Continuing Education Units
  - Mandatory meeting
  - Code of ethics

- Commercial rebates
  - New technology
  - Only CLP’s
Certification Opportunities in 2018

Certification Opportunities

Aurora Water – CLIA
Denver Convention Center
  May 3-4, 2018

Fort Collins / Northern Water - CLIA
Location TBD
  July 10-12, 2018

See Eric for more information
Contracts and application

Code of Ethics – Certifying body

Accredited rating from BBB

Referrals / Advertising
- Sprinkler audit program
- XIP
- Website
Presently, no water restrictions are expected for 2018.

Last weeks moisture helped!

Be careful on allotment fees!
Experts are predicting a warm dry summer

CLP messages:
• Watering = 6 pm - 10 am
• Never 2 days in a row
• Cycle – Soak
  • The ONLY way!
• Watch you total use
  • Allotments will get you!
Utilities water customers:

- Rain sensors
  - $15 wired
  - $30 wireless
- Soil moisture sensors - $45 each
- Smart controllers - 50% of cost up to $400
- Hi-efficiency nozzles - $3 per head (Unlimited - WOW!)
- Pressure reducing heads: $3 per head (Unlimited - WOW!)
- **Pre-approval:** Pressure reducing valve
True or false: All Fort Collins Customers are eligible for mid-stream rebates.

A. True
B. False
Which is an example of “the ONLY way” to water?

A. Run a station two times for 6 minutes
B. Run a station one time for 12 minutes
C. Run a station one time for 20 minutes
D. Run a station 12 times for 1 minute
Next Event: May 22\textsuperscript{nd}
Invite Property/Community Managers & Facility Managers

***fcgov.com/water-fee***

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