

CASTLE ROCK WATER

# CASTLE ROCK WATER 2022 WATER USE MANAGEMENT PLAN (WUMP)

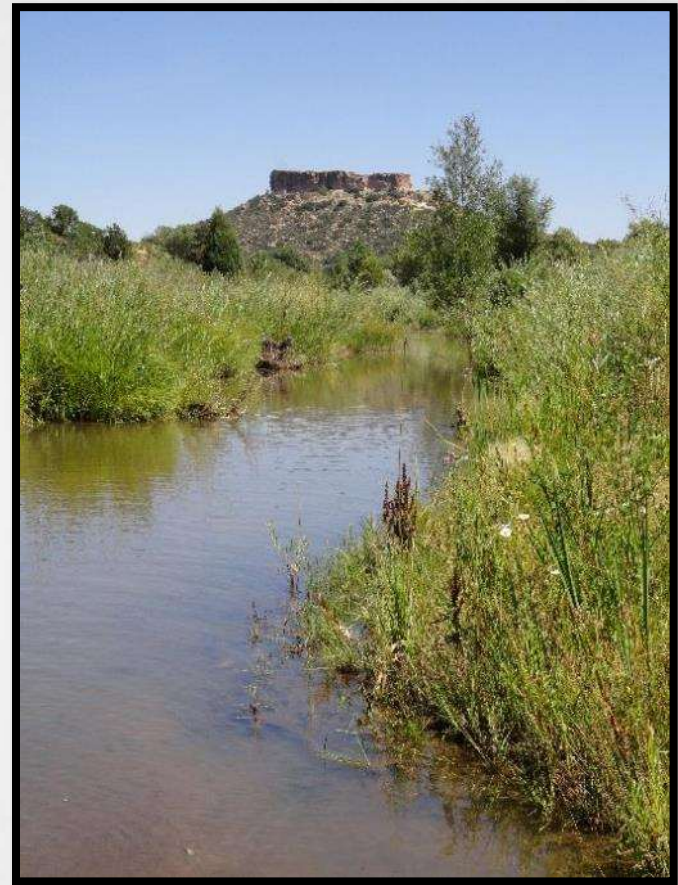
FEBRUARY 15, 2022



# WUMP

## BACKGROUND

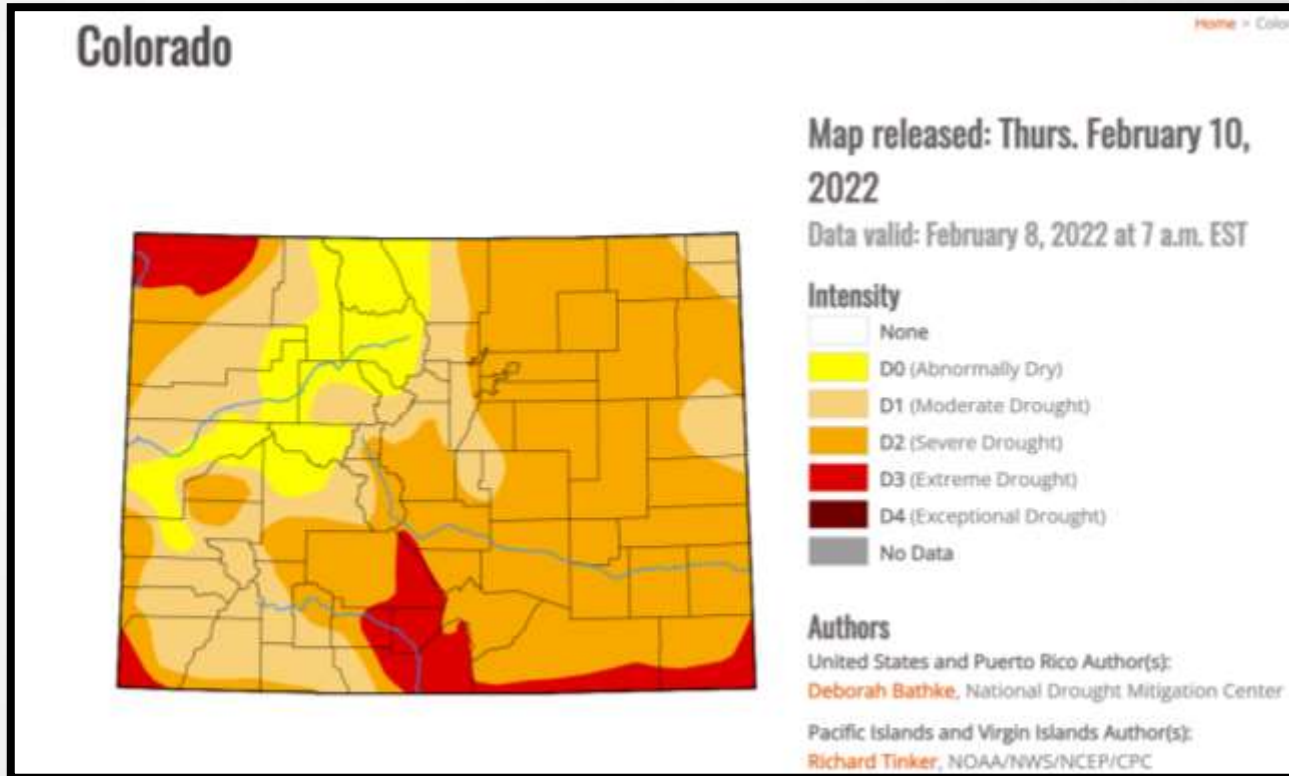
- Demand management tool since 1985
- Helps to ensure adequate pressure and volume during landscape irrigation season
- Provides for public education (Water Wiser)
- Outlines the Town's water waste ordinance and watering schedule
- Works in conjunction with Water Efficiency Master Plan, Landscape and Irrigation Criteria Manual, and the **Drought Management Plan**



East Plum Creek in Castle Rock

# WUMP

## DROUGHT



# WUMP

## WATERING SCHEDULE

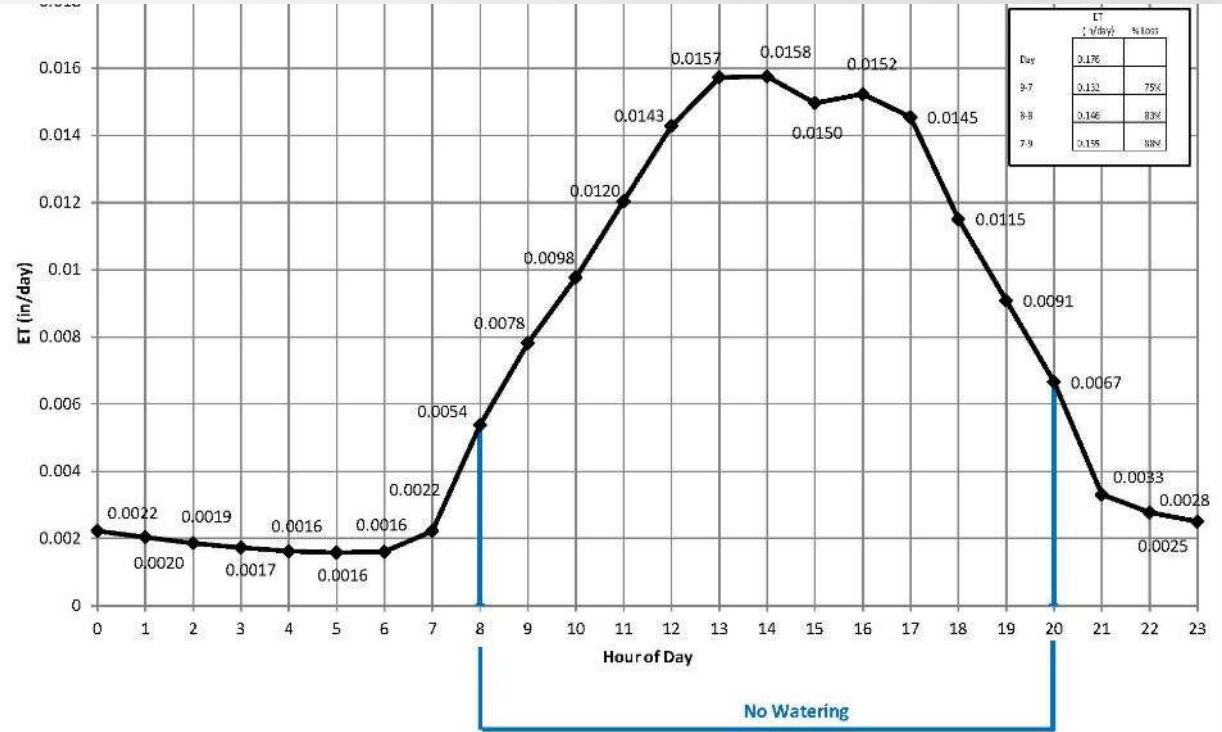
- May through September
- Residential
  - Circle/Diamond/Square determined by address
  - Watering hours Before 8:00 a.m. or after 8:00 p.m.
- Non-residential
  - West of I-25, Monday, Wednesday, Friday
  - East of I-25, Tuesday, Thursday, Saturday
  - Watering hours: 12:00 a.m. - 8:00 a.m.
- Town Parks
  - Adjusted times to accommodate park activities
  - Same days as non-residential
  - Watering hours begin 9:00 p.m. end 5:00 a.m. the following morning



Irrigation audit – Castle North Park

# WUMP

## WATERING SCHEDULE



Evapotranspiration verse Time of Day

# WUMP

## VIOLATION SURCHARGES

| Residential                                                                            | Non-residential                         |
|----------------------------------------------------------------------------------------|-----------------------------------------|
| 1 <sup>st</sup> – Warning, no surcharge                                                | 1 <sup>st</sup> – Warning, no surcharge |
| 2 <sup>nd</sup> - \$25 surcharge                                                       | 2 <sup>nd</sup> - \$100 surcharge*      |
| 3 <sup>rd</sup> - \$50 surcharge                                                       | 3 <sup>rd</sup> - \$200 surcharge*      |
| 4 <sup>th</sup> - \$100 surcharge                                                      | 4 <sup>th</sup> - \$400 surcharge*      |
| 5 <sup>th</sup> - \$200 surcharge                                                      | 5 <sup>th</sup> - \$800 surcharge*      |
| Subsequent - \$200 surcharge**                                                         | Subsequent - \$800 surcharge**          |
| <b>*Subject to temporary service disruption    **Subject to service discontinuance</b> |                                         |

# WUMP

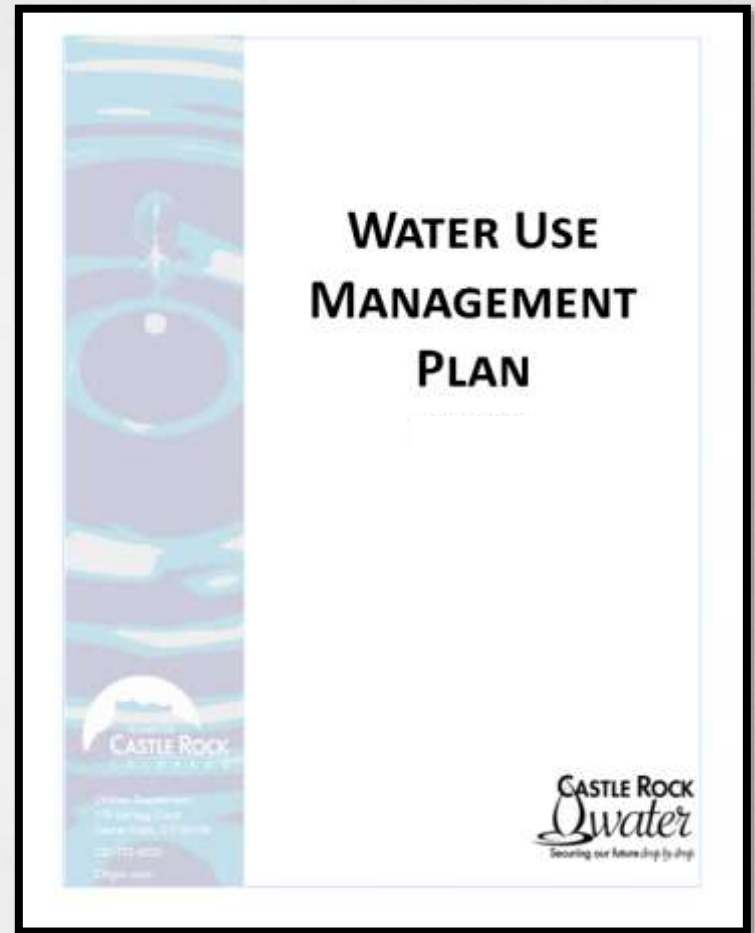
## VIOLATION HISTORY

| Five-Year Violation Summary |             |                 |       |                  |
|-----------------------------|-------------|-----------------|-------|------------------|
| Year                        | Residential | Non-Residential | Total | Total Surcharges |
| 2017                        | 1,811       | 226             | 2,037 | \$ 11,675.00     |
| 2018                        | 2,068       | 261             | 2,329 | \$ 34,300.00     |
| 2019                        | 2,960       | 477             | 3,437 | \$ 90,425.00     |
| 2020                        | 4,078       | 425             | 4,503 | \$ 100,950.00    |
| 2021                        | 2,056       | 305             | 2,361 | \$ 49,050.00     |

# WUMP

## PUBLIC OUTREACH

- WUMP posted to Town's Website at: CRgov.com
- Your Town Talk
- Social Media
- Conservation focused outreach programs
- Press release (focused on restrictions and rebates)





# WUMP

## RECOMMENDATIONS

- Castle Rock Water Commission
- Staff
- **QUESTIONS?**



ColoradoScape Renovation (Castlewood Ranch)



I MOVE TO APPROVE RESOLUTION NO. 2022-016  
AS INTRODUCED BY TITLE

I MOVE TO APPROVE THE RESOLUTION AS INTRODUCED BY  
TITLE, WITH THE FOLLOWING CONDITIONS: \_\_\_\_\_

“I MOVE TO CONTINUE THIS ITEM TO THE TOWN COUNCIL  
MEETING ON \_\_\_\_\_ DATE TO ALLOW  
ADDITIONAL TIME TO: \_\_\_\_\_