Big Picture Planning & Policies

- 2030 Comprehensive Master Plan
- 2016 Water Resources Strategic Master Plan
- 2015 Water Efficiency Master Plan
- Town Code
  - Annexation Policies
  - System Development Fees
  - Development Specific WEP
  - Criteria Manual References

Process

- Project Applications
- Development Agreements
  - Water Bank Establishment
  - Entitlement Limits
- Site Development Plans / Construction Drawings / Platting
  - Landscape review
  - Irrigation systems
  - Water Efficiency Plan
- Implementation
  - Water Bank tracking
  - Landscape/Irrigation System inspections / permits
  - Irrigation budgets – area and plant type

Landscape Transformation

Colordoscope: A natural landscape, comprised of low to very-low water use plant material, which blends in with the native Castle Rock landscape. Plant material must be maintained in its natural, native form. This landscaping utilizes a combination of hardscape and landscape materials, providing a variety of colors, textures, sizes, shapes, and seasonal interest.

Partnership with our Parks Department:
- Castle Rock Water financed four new turf baseball fields - $2.1M
- Parks pay back investment over time using savings in outdoor watering
- Excess smartscapes rebates applied at end of each year
- Turf extends programming time for the fields
LANDSCAPE REGULATIONS

• Sets rules for new development
• Focus on ColoradoScapes
• Peak demand management
• New requirements in 2018
  ➢ Kentucky Bluegrass not allowed for new residential
  ➢ Smart irrigation controllers for residential new
  ➢ Fee & testing required for professionals to be registered
  ➢ Irrigated turf not allowed on islands, medians, etc.
  ➢ Drop irrigation of native species is acceptable
  ➢ Expanded turf limitations on new lots

DEVELOPMENT SPECIFIC WATER EFFICIENCY PLANS

• Required for new annexations
• Encouraged for existing entitled areas
• Incentivized with system development fees
• Components
  ➢ More efficient plumbing fixtures
  ➢ Customer driven advanced monitoring, leak detection, etc.
  ➢ Focus on ColoradoScaping (little to no turf – drought resilient)
  ➢ Home owner education
  ➢ Third party verification
  ➢ Water budgets tied to house and landscape design

EXISTING CUSTOMERS AND LAND USE

• Water Use Management Plan
  ➢ Approved annually
  ➢ Watering schedules since 1985 – May to September
  ➢ No watering 8 AM to 8 PM
• Requirements updated in 2018 for the WUMP
  ➢ 5-year expiration for Water Wiser exemption
  ➢ Non-residential irrigation, fixed watering schedule
  ➢ Irrigation exemption duration revised
  ➢ Irrigation exemptions not issued or applicable in July
  ➢ Non-residential violation surcharges increased
  ➢ Registration requirements expanded

EXISTING CUSTOMER REBATE PROGRAM

• Approved annually
• Funded primarily from surcharges
• Key Program Changes for 2018 & 2019
  ➢ Rain sensor rebate discontinued
  ➢ Residential Smartscape rebate increased to $1.10 per sq ft removed
  ➢ Non-Residential Smartscape Renovation
    ➢ $1.10 per sq ft removed
    ➢ 1,500 sq ft minimum, 15,000 sq ft maximum
    ➢ Funded to $100,000