# Amend Title 20 Non-Potable Irrigation Water Code Clarifications and Revisions

City Council | First Reading April 5, 2022



### Non-Potable Development Policy Goal

- Facilitate the expansion of the non-potable systems as new development occurs
  - Non-potable water rights are more available and cheaper than potable
  - Allows use of sources currently impracticable to treat for potable use
    (e.g lower Poudre rights, wastewater effluent)
  - Installing non-potable infrastructure during development cheaper and more effective than retrofitting
  - Limit unnecessary expansion of Water Treatment and Transmission
  - Increased non-potable use is <u>essential to meeting future demands</u>

### Background Non-Potable Code Update

- Need non-potable supply to meet Greeley's long term water demand
  - $_{\circ}$  Current NP demand = ~2,500 AF/yr.
  - ∘ Master Plan NP system target volume =  $\sim$ 7,000 AF/yr.
    - Allows for maximized use of the city's potable water supplies for growth in demand for indoor uses
    - Water rights for potable system are limited and costly
- City Council adopted an ordinance amending Title 20, requiring non-potable expansion for new development in most cases (1/18/22)



#### Recommended Code Cleanup

- The ordinance adopted by City Council was amended during discussion
- Staff proposed all new non-potable systems be owned publicly, by the City
  - City Council suggested an amendment to remove this provision and allow new privately owned and operated non-potable systems
  - o The ordinance adopted by City Council allows private non-potable system
    - Allowing for privately owned non-potable systems requires additional code language to clarify unintended ambiguity



#### **Recommended Code Additions**

- Addressing Ambiguity for Private NP
  - New private non-potable systems must be designed and constructed to city standards to ensure service reliability and performance
  - New water connections associated with private non-potable systems are not eligible for discounted Plant Investment Fees (PIFs)
    - Discounted PIFs are the primary incentive for the expansion of the City's non-potable irrigation water system
  - If a private non-potable system is dedicated to the City in the future:
    - It must meet the City's design standards; and
    - Ample raw water must be dedicated or paid for through cash-in-lieu

# Questions?



