



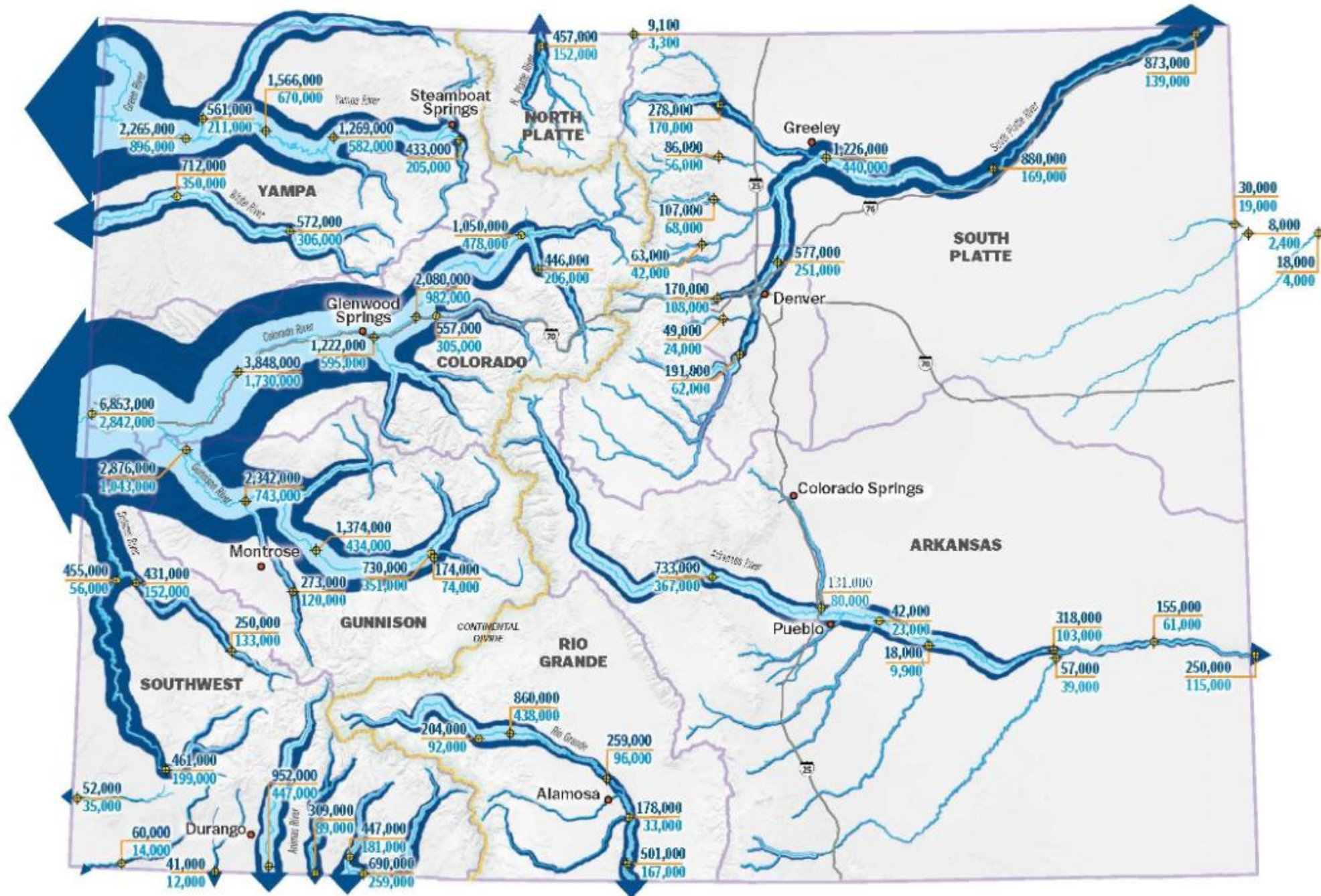
COLORADO

**Department of Public
Health & Environment**

Colorado's Reuse Efforts

August 15, 2025

Association of Clean Water Administrators Annual Meeting
Madison, WI



Gages



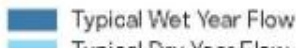
AFY (typical wet year)



AFY (typical dry year)



Streams



Typical Wet Year Flow



Typical Dry Year Flow



Major Hydrologic Basins in Colorado

NOTE: Wet and dry typical hydrology years determined separately for each basin.

Types of reuse in Colorado

Non-potable



Graywater



Potable



Colorado Regulation No. 84 Non-potable Reuse



Protections in Regulation 84: Categories and Standards

- Category 1.
 - Filtration
 - TSS
 - E. coli
- Category 2.
 - Filtration and disinfection
 - Turbidity
 - E. coli = Cat 1
- Category 3.
 - Filtration and disinfection
 - Turbidity = Cat 2
 - E. coli - 75% Non-detect
- Category 3+.
 - Meets Category 3 standards, PLUS:
 - Specific types of filters.
 - 5 Log virus Hepatitis A reduction.
 - 99.999% reduction.



Regulation 86 Graywater

- Irrigation
- Toilet flushing
- Fire suppression



Drinking Water Regulation No. 11

- Develop and maintain a written enhanced source water control program
- Develop and maintain a DPR operations program
- Perform regular monitoring at critical control points for several target chemicals and indicator compounds, which may include unregulated chemicals such as per- and polyfluoroalkyl substances (PFAS)
- Utilize a minimum of three separate critical control points for pathogen reduction



Considerations and questions

