

State-Wide Commercial, Industrial, and Institutional (CII) Water Efficiency Program

South Platte Basin Roundtable
June 13, 2023



Why Commercial, Industrial, and Institutional (CII) focus?

Opportunities

- Future costs are influenced by conservation efforts
- CII customers are typically untapped, water and wastewater savings potential
- Limited documentation on methods to start or boost a CII program
- Building a case studies in Colorado will help with future benchmarking for water savings calculations
- Promoting networking and cross-training initiatives between communities can regionalize CII efforts, ensure consistency in CII programs, and drive innovation



CII
Program
Intent

Guidance document

In-person training

Regional networking

Consistency

Quantifiable water savings

CII Water Efficiency Program

5-Phases of BIRTH

1. **B**uild

- Guidance Document
- Case-study forms

2. **I**mplement

- In-person training
- Review guidance document
- Case-studies collection

3. **R**efine

- In-person training
- Create resource library

4. **T**ransition

- Provider implementation
- Mentorship

5. **H**orizon for Sustainability

- Final guidance document
- Review program
- Quantifiable analysis
- Continue webinars and quarterly meetings



Colorado Water Conservation Board Grant

- Colorado Water Plan Grant
 - Conservation and Land Use Planning
 - Engagement and Innovation
- Total Project: \$425,000
- Required: 25% match (50% must be cash)



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources



Collaborators

Entities	Cash Funds	In-kind	Letter of Support
CWCB grant request	\$350,000		NA
City of Greeley	\$25,000 (secured)		NA
City of Longmont	\$10,000 (secured)		Yes
Northern Water	\$25,000 (pending)		Yes
Denver Water	\$5,000-\$10,000 (pending)		Yes
Colorado Springs		Yes	Yes
Fort Collins		Yes	Yes
Tri-County Water Conservancy District		Yes	Yes
City of Evans		Yes	Yes
Alliance of Water Efficiency		Yes	Yes
Metro Basin Roundtable		NA	Yes
Arkansas Basin Roundtable		NA	Pending 6/14

Additional Outreach



Potential Collaborators

Pueblo Water

Ute Water Conservancy District

City of Durango

City of Grand Junction

City of Aspen

City of Loveland



Deliverables

- Guidance document standardized for CII program regardless of water provider size and availability
- CII Resource library
- Case-studies for benchmarking water savings
- Benchmarking and water conservation resources
- In-person training and webinars
- Standard Reporting
- Cross-Training and Mentorships
- Standard Economic analysis on payback
- State-wide CII water efficiency program foundation



BIRTH Timeline

Phase I- **B**uild

Oct. 2023 –
Dec. 2023

- Solidify agreements if selected
- Sign contract agreements
- Set up grant accounting and other internal processes

Nov. 2023 –
Dec. 2024

- Develop draft guidance document
- Case-study form
- CII Implementation Strategies

Phase II- **I**mplement

Apr. 2024 –
Dec. 2024

- In-person training
- Receive and implement feedback on guidance document
- Expand CII network
- Case-study development

Phase III- **R**efine

Jan. 2026 –
Dec. 2026

- Refine Training
- In-person training
- Create resource library
- Report materials and assessment tools
- Case-study development

Phase IV- **T**ransition

Jan. 2027 –
Dec. 2027

- Transition program to individual providers
- Standardize reporting
- Cross-training and mentorship
- Implement training and methodology in real world situations

Phase V- **H**orizon

Jan. 2028 –
Dec. 2028

- Publish guidance document
- Conduct analysis on implementation and success of program
- Quantify sustainability of program
- Focus analysis on future implementation

Request: Letter of Support

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