

Headwaters Corporation CWCB Drought Planning Toolbox Contents Scoping

A. Drought Planning Toolbox Purpose

The Drought Planning Toolbox (Toolbox) is a key component of the State's update of the Colorado Drought Mitigation and Response Plan. The Toolbox is intended to provide resources to assist covered entities and other State or local governmental entities in planning and responding to drought. The scope of this project will be to identify the types of information that will be included in the Toolbox. As part of this work, input will be solicited from a range of representative water providers as to the types of information that would assist them in:

- General Drought Planning
- Drought Risk Assessment
- Drought Mitigation Strategy
- Drought Response Strategy

B. Objective of Project

The objective of this project is to research existing drought-related resources and information and develop an overview of the contents that will be included in Colorado's Drought Planning Toolbox. The actual Toolbox will be developed under and the Comprehensive Update to the 2002 Colorado Drought Mitigation and Response Plan.

C. Project Scope

Task 1 – Initial Project Research and Preliminary Toolbox Contents

This task involves initial research into existing resources to better define the preliminary toolbox contents for review with CWCB staff. Information will also be used to help develop the informal survey for Task 2. A preliminary list of the types of information that will be considered is provided below in Attachment A. The preliminary Toolbox contents will be reviewed with CWCB and the contents will be updated with general and specific references. Toolbox contents will be prioritized between components that are absolutely critical to others that could be developed more slowly over time, as budget and information allows.

Task 2 – Informal Survey of Impacted Entities

Results of the State's 2007 Drought and Water Supply Assessment Survey will be reviewed as well as the list of entities that participated. Working with the CWCB, a list of potential participants in the informal Toolbox content survey will be developed. An estimated 6 to 10 participants will be selected to be representative of locations throughout the State, a variety of utility sizes, and range of water users (municipal, agricultural, etc). Initial contact will be made via phone and the survey will be provided electronically. Subsequent phone calls will then be made to follow up and review survey results. A summary of the survey findings will be documented and reviewed with CWCB.

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Task 3 – Develop Toolbox Scope of Work

Utilizing the preliminary Toolbox contents (Task 1) and the informal survey results (Task 2), the final toolbox contents will be scoped. This work will involve additional research and documenting available resources as well others to be developed. Headwaters Corporation will work with CWCB to put the information in a format that can best be utilized in developing the Scope of Work for the actual Toolbox development.

D. Project Budget

Task	Total Cost
1 - Initial Project Research and Prelim Toolbox Contents	\$5,000
2 – Informal Survey of Impacted Entities	\$7,500
3 - Develop Toolbox Scope of Work	\$11,500
TOTAL	\$24,000

Attachment A - Drought Planning Toolbox Preliminary Contents

It is anticipated that the Toolbox will be internet-based. Links and/or actual documents may be included in the Toolbox. The following types of information are likely to be included:

- Planning Resources
 - Planning Guidance Documents
 - Sample documents
 - Existing State and Local Drought Plans (Colorado and other)
 - Colorado Specific Drought Information (including products of the Comprehensive Update to Colorado's Plan)
 - Funding Opportunities
 - Criteria / prioritization for local assistance
- Drought Assessment Resources
 - Water Availability Task Force information
 - Drought indices
 - Data
 - U.S Drought Monitor
 - Other forecasts
 - Climate (temp, precip, soil moisture, SNOWTEL, ET...)
 - Stream flow
 - Reservoir contents
 - Snow water content
 - Historical
 - Other...
 - Research Centers (links)
 - Climate Change research/forecasts
- Drought Response Resources
 - Drought assistance related programs
 - Impacts checklist
 - State, regional and local contacts
 - Drought response options
- Public information, awareness and education
 - Sample documents
 - Educational Information
 - Links to Educational Resources
 - Water conservation and drought mitigation activities