



Regional Technical Advisory Committee Committee Charter 2015

Mission

The Technical Advisory Committee will evaluate the current regional water system and thoughtfully plan for a water system that cost-effectively meets the needs of central Iowa customers for the next twenty years (2035).

Responsibilities

The Technical Advisory Committee will advise CIRDWC and/or community councils and boards on water system capital improvements necessary to provide and maintain an infrastructure to meet growing water demands in the central Iowa region. The specific responsibilities of the Technical Advisory Committee include:

- Describe the regional water planning area
 - Quantify current and projected population and water demand over a 35 year planning horizon
 - Evaluate and quantify current and future regional water supplies and customer demands
 - Identify regional water system surpluses and deficiencies
 - Explore and recommend water system facilities to cost-effectively meet future demands, with emphasis placed on developing potential joint facilities
 - Develop a tentative implementation plan for additional facilities
 - Develop cost estimates for identified capital improvements
 - Facilitate the solicitation of an engineering consulting firm to assist in planning activities when necessary
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Meetings

The Technical Advisory Committee will meet monthly or as necessary. Meeting dates and times shall be communicated to all stakeholder communities.

Community Members

Members have been recommended by CIRDWC and are initially identified as 1) water producers, and 2) water systems serving communities expecting growth in population. Members have been identified as follows:

- City of Altoona
- City of Ankeny
- City of Johnston
- City of Norwalk
- City of Waukee
- Des Moines Water Works
- Urbandale Water Utility
- West Des Moines Water Works

While these members have been identified as active participants, needs and interests of all customers of DMWW's Core Network will be considered and represented in discussions and plans.

Recommended Member Profile

The success of this regional planning effort is dependent on candid and thoughtful input from committee members. Members best suited for these planning discussions should include water professionals or others with:

- Specialized knowledge of their respective entity's water system.
- Knowledge of current and future water needs in their respective communities.
- Experience planning and developing water system facilities.
- Access to comprehensive planning information within their communities.

Participants may be water utility managers, consulting engineers, planners, or similarly qualified individuals who are able to attend regularly scheduled committee meetings and provide input throughout the planning process.

Deliverables

The following list of deliverables has been identified to document the planning process, key assumptions, and recommendations. The committee may produce one or more of the following deliverables, or may, when appropriate, solicit engineering consultants to provide assistance in developing plans and related deliverables.

- Map of the Regional Water Planning Area
- Population Projections for the Regional Water Planning Area to 2050
- Water Demand Projections for the Regional Water Planning Area to 2050
- Regional Water Planning Area Core Network Facilities Master Plan to 2035
- Core Network Facilities Phasing and Implementation Plan
- Core Network Facilities Capital Cost Estimates

Communication Strategy

The success of this regional planning effort is dependent on input from committee members. The Technical Advisory Committee will keep stakeholders of Des Moines Water Works' Core Network apprised of their evaluations by employing the communication tactics below:

- Monthly emails summarizing key discussion points and/or recommendations
- Report given at bi-monthly Metro Group meetings
- Presentation at quarterly CIRDWC meeting and/or related organizations, such as the Metropolitan Advisory Council (MAC)

In addition, the Technical Advisory Committee will review and provide input on issues identified as DMWW's monthly board agenda items.