



Chicago Metropolitan Agency for Planning

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Northeastern Illinois Regional Water Supply Planning Workplan Outline: Project years 2 and 3 14 September 2007

- I. Public Information (see below for key dates)**
Interim Goals 1,2,3,4,5
- a. Understanding water-demand scenarios including the relative affect of model variables on demand forecasts
 - i. SIUC presentations: **Oct. 07 and Jan. 08**
 - ii. Draft final report available for review: **Feb 08**
 - iii. Final water demand report presented: **April 08**
 - b. Understanding water-availability reports generated by State Surveys
 - i. Preliminary report / presentation from Surveys: **Oct. 08**
 - ii. Analysis of regional pattern of availability forecasts **Oct – Dec 08**
 - 1. availability relationships with development patterns, source(s) of water, etc.
 - c. Water Use Conservation, Efficiency, and Sustainability – **Nov 07**
 - d. Develop program to promote water conservation, 3 mo.: **Jan. – March 09**
 - e. Brochure No. 2: water demand study results – **May 08**, and No. 3: water availability study results – **Jan. 09**
 - f. School education program – **Jan 09**
 - i. School district program to promote water conservation
- II. Water Governance (Sept. – Nov. 07 and Feb. – April 09)**
Interim Goals 1, 2, 3, 4, 5
- a. Examine existing institutional structure for water supply planning and management
 - b. Identify opportunities for strengthening management* with recommendations targeted for state, regional, county, and local jurisdictions
 - i. State legislation and Ordinance review, recommendations
 - c. Identify roles and responsibilities for implementing plan recommendations

III. Demand-side Conservation (Jan. – April 08; Nov – Jan 09)

Interim Goals 1,4

1. Long-term active measures
 - a. residential surveys
 - b. retrofits
 - c. large landscape
 - d. clothes washers
 - e. programs for commercial, industrial, and institutional (CII)
 - f. conservation pricing
 - g. residential ULFT replacement
2. Short-term emergency response: drought management

IV. Supply-side Conservation (May – Sep 08)

Interim Goals 1,2,4

- a. System water audits, leak detection and repair
- b. Metering
- c. Wholesale agency assistance programs
- d. Water waste prohibitions
- e. Wastewater Reuse practices
 - i. Commercial and industrial application
 - ii. New development application
 - iii. Established communities application
- f. Stormwater management and sourcewater protection: protecting water quality through -
 - i. Conservation design – promoting infiltration and recharge, reducing stormwater runoff
 - ii. Watershed planning – reducing nonpoint-source pollution, identifying/conserving recharge zones

V. Conservation Coordinator (Oct 08)

Interim Goals 1,4

- a. For plan implementation
 - i. Local utility application
 - ii. Subregional and regional roles

VI. New Water Sources / Enhanced withdrawals (Oct – Nov 08)

Interim Goals 1,5

- a. Optimizing water access based on local circumstances and availability scenarios / forecasts

VII. Regional Water Supply Plan Preparation (Oct 08 – June 09)

Interim Goals 1,2,3,4,5

- a. Water availability synthesis and strategy recommendations
- b. Policy recommendations
- c. Draft plan presented – **April 09**

d. Final plan approved – **June 09**

VIII. Plan Implementation; Begin next cycle of planning (July 09 – June 2014)

** guided by the following planning paradigms: integrated water resource management, adaptive management, conjunctive management*

Notes:

- 1) Applicability of major action items will vary across the region along with primary source of water, and
- 2) feedbacks exist between certain action items regardless of where items exist in the hierarchy.

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