



# East Side Water Supply Study

## Information Sheet - June 2011

### What is the East Side Water Supply (ESWS) Study?

- The overall objective of this study is to develop a series of capital projects, budgets and implementation schedules with substantial public involvement that will support the continued supply of safe drinking water on Madison's east side in an economically, socially and environmentally sustainable manner.
- The Study includes a system evaluation to guide budgeting for capital project development and water quality projects for the east side of the Utility's main pressure zone (Zone 6E). The study area ranges from the Yahara River on the west to I-90 on the east, to Northport Drive and East Towne on the north to Buckeye Road on the south.
- The project focuses on studies of wells 7, 8, & 15, and a replacement for the abandoned well 3.

### The project includes, and is not necessarily limited to:

- |  |                                  |
|--|----------------------------------|
| Long term demand analysis              | Hydraulic modeling               |
| Water quality evaluation               | Pilot testing                    |
| Treatment technology review            | Project development              |
| Water conservation demand impact       | Well site selection and planning |
| Preliminary design and cost estimating | Project alternative evaluation   |
|  | Public participation             |

### Neighborhoods in the Study Area\*

- Berkley Oaks • Brentwood Village Association • Burke Heights • Carpenter Ridgeway • Clarendon Hills • East Buckeye • Eastmorland • Eken Park • Elvehjem • Emerson East • Hawthorne • Heistand • Heritage Heights • High Crossing • Lake Edge • Maple Bluff • Maple Wood Condominiums • Marquette • Mayfair Park • Mendota Hills • Norman Acres • Ridgewood • Rolling Meadows • Schenk-Atwood-Starkweather-Yahara • Sheridan Triangle • Sherman • Sherman Terrace Condominiums • Tenny-Lapham • Truax • Westchester Gardens • Worthington Park

\* Based on the map at this link: [http://www.cityofmadison.com/neighborhoods/documents/2010neighborhoodassoc\\_0001.pdf](http://www.cityofmadison.com/neighborhoods/documents/2010neighborhoodassoc_0001.pdf)

For more project information,  
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608-266-4651  
ALarson@madisonwater.org  
  
www.cityofmadison.com/water/plans/eastWaterSupply.cfm



## Engineering Study Tasks

- Complete a long term water demand analysis, which includes an assessment of expected water conservation measures on Madison's long-term water needs
- Complete a water quality evaluation to assess the existing quality of groundwater on Madison's east side.
- Review treatment technology and, potentially, conduct a pilot test to assess how water treatment can best be accomplished to achieve water quality goals of the Madison Water Utility, if needed
- Conduct a detailed distribution system hydraulic model evaluation to assess if the existing distribution system can supply future water needs to the east side of pressure zone 6
- Conduct a well site selection study and facility planning if a new well is needed to meet future demand

These tasks are undertaken with the guidance and review of a Citizen's Advisory Panel (CAP) established for this project and in conformance with the Madison Water Utility Standard Operating Procedure for Public Participation.

## What is the Citizens Advisory Panel (CAP)? \*

- The Citizen Advisory Panel (CAP) is composed of voluntary water users who are Madison residents, property owners, and business and manufacturing representatives. The representatives, though not elected and not specifically chosen to mirror public opinion, voluntarily assume the personal responsibility to work for the best interests of the public while remaining open to new factual information and/or disagreement from the public that may change their views.
- The CAP is responsible for advising the Water Utility Board on the East Side Water Supply Project. The CAP works with the Project Manager/Engineer and technical consultants to help improve project decisions by providing recommendations based on the knowledge and preferences of the public.
- The CAP, in collaboration with the Project Manager/Engineer, shall review panel composition to ensure that all affected interests are offered representation on the CAP throughout each phase of the project.

## General Functions: \*

- Provide input and recommendations to the Project Manager/Engineer regarding the public goals, preferences and community values as they relate to the proposed project.
- Report CAP recommendations to the Water Utility Board.
- Participate in public participation events as outlined in the Public Participation Plan.

\* As extrapolated from the Standard Operation Manual (SOM):

<https://www.cityofmadison.com/water/documents/ENG-0101-080702-WUFacilitiesPublicParticipationProcess.pdf>

Who Serves on the ESWS CAP?

Name	Affiliation	Residence Area
Mary Anglim	Resident	Emerson East
Jenny Bardeen	Resident	Emerson East
Glenn Christians	Resident	Dudgeon-Monroe
Marty Cieslik	Verona Public Works	Emerson East
Randy Deering		
Melanie Foxcroft	Resident	
Cassandra Garcia	UW-Madison	Hawthorne
Peng Her (EINPC)	East Isthmus N'Hood Planning Council	
Colette Hershey	UW-Madison	
Bob Hugo	East Side Property Owner	Fitchburg
Mike Kakuska	Resident	North Sherman Ave.
Mark McCulloch	NewFields	
Twink (Jan) McMahon	Resident	Schenk-Atwood- Starkweather-Yahara
Dan Melton	Madison Water Utility Board Member	Schenk-Atwood- Starkweather-Yahara
Daniel Moser		
Larry D. Nelson	Retired City Engineer	Orchard Ridge N'Hood
Susan Pastor	Resident & Edge- wood College School of Integrative Studies	
Jill Patrick		
Karl Patzer		
Jennifer Rivers		
Marsha Rummel	Alder, District 6	
Dok Stevens-Dehring	Oscar Mayer	Maple Bluff
Lynn Williamson		
Tim Wong	Resident	
<b>Water Utility Staff, Engineer- ing Consultants, Public Engagement Consultants</b>	<b>Affiliation</b>	<b>Title</b>
Tom Heikkinen	Madison Water Utility	
Alan Larson	Madison Water Utility	
Amy Robb	Madison Water Utility	
Paul Boersma	Black & Veatch	Engineer
Beth Foy	Beth Foy & Assoc's	
Mark Stevens	Engaging Minds	Schenk-Atwood
Bert Stitt	Bert Stitt & Associ- ates	Capitol

### *How does someone get to serve on a CAP?*

- CAP's are usually formed around site-specific projects such as correcting some aspect of an existing well or finding sites for new wells.
- You may send your contact information to: ([water@madisonwater.org](mailto:water@madisonwater.org)) or you may call Amy at (608) 266-4651
- Simply request to be put on a list for consideration when projects come up. It doesn't take anything more than asking. The CAPs generally remain open to whoever wishes to participate.

### *Who initiated this project?*

- The East Side Water Supply study was initiated by the Water Utility staff and Board as a first step in determining future budget requirements to support fully operational, safe, and clean water systems to Madison's east side.

### *How was the project funded?*

- A 55% special project grant in the amount of \$291,000 from the US Environmental Protection Agency with remainder of the \$550,000 project cost coming from Water Utility funds.

### *How will this project benefit the east side?*

- The project will support the continued supply of safe drinking water on Madison's east side in an economically, socially and environmentally sustainable manner.
- The Study includes a system evaluation to guide budgeting for capital project development and water quality projects for the project area on the City's east side.