

**PROGRESSIVE CONSULTING ENGINEERS, INC.**  
Civil • Water Supply • Municipal

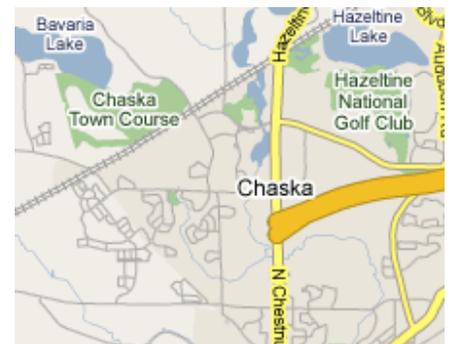
# WATER BULLETIN

## Water Rate Study, City of Chaska, MN

The City of Chaska has one of the lowest water rates in the Twin Cities Metropolitan area. The City recently built a new 12.6 million gallons per day (MGD) water treatment plant and issued a bond to pay for the plant cost. The City is facing a decrease in cash reserves and an increase in fund deficits due to low water rates. Due to the economic downturn the City is experiencing a decrease in the new housing construction, which will further reduce the projected cash flow and

fund balance. The City selected PCE to complete a water rate study to establish an equitable billing structure that will allow cash, fund balance and infrastructure replacement requirements to be met in the future. The cost of service analysis using the “Base-Extra Capacity” method for allocating costs will be used to determine the new rates for the City customers. PCE will also develop inclining block rates that meet the requirements of the Department of Natural Resources for water

conservation. The final report will be completed by June 2009 with a presentation of the final report to the City Council in July 2009.



## Well No. 40, Rochester Public Utilities

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The City of Rochester is a fast-growing City in the central part of Olmsted County in southeastern Minnesota. Growth of approximately 2,000 people per year requires the Utility to add an additional well every few years in order to maintain adequate water service to the community.

Rochester Public Utilities (RPU) retained PCE for engineering services for preparation of plans and

specifications for the proposed Well No. 40. PCE has a long and successful relationship with the RPU staff, having successfully completed Wells No. 35, 36, 37, 38, and most recently Well No. 39 in 2005. PCE has also provided quality services on a multi-year water distribution modeling project with fees in excess of \$140,000.

The new Well No. 40 is located in the Willow

high level area and will be designed to produce 1,000 gpm from the Jordan aquifer.

PCE will work closely with the Utility staff and the Minnesota Department of Health to ensure that all wellhead protection requirements are met. It is expected that the construction of the well will be completed by late 2009.

## Well No. 10, City of Oakdale, MN

Oakdale Well No. 8 is showing elevated levels of perfluorochemicals (PFCs) and the City has suspended the use of the well except in emergencies. To replace Well No. 8 PCE assisted the City in the drilling of test wells to identify a location where PFCs are not present. Once the site was identified, Oakdale directed PCE to prepare plans and

specifications for a new Well No. 10. In the past, PCE has successfully completed Wells No. 8 and 9 for the City of Oakdale.

The new 1,000 gpm well will replace Well No. 8. Well No. 10 will meet all of the requirements of the Department of Health and will be piped to the central zone although the well will be located

in the north low zone. Once the well is test pumped, PCE will work on the design and construction of the wellhouse.



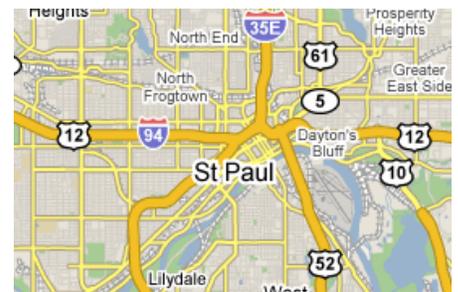
## Consulting Pool, City of St. Paul, MN

PCE was selected by the City of St. Paul for the Tier II civil master list of qualified engineering firms for providing professional services. Tier II firms are identified for projects that exceed \$100,000.

The City, County and Saint Paul Regional Water Services

(SPRWS) require professional engineering services for projects to construct, maintain, or improve its public facilities and infrastructure. The intent of the consulting pool is to create a master list of prequalified professional engineering firms that can serve to expedite the selection process. The master list may be used by

appropriate departments to solicit pricing, proposals and quotes.



## Presentations

Naeem Qureshi, P.E. made a presentation to the Minnesota Water Works Association Metro School Training Session on April 6, 2009 entitled "Getting The Most Performance Out Of Your Water Treatment Filters".

Adam Kramer, P.E. made a presentation to the Minnesota Water Works Association Metro School Training Session on April 6, 2009 entitled "Metro Regional Water Supply Plan and Water Reuse".



Jeny Shah made a presentation to the Minnesota Water Works Association Metro School Training Session on April 6, 2009 entitled "Chlorine Gas vs. Sodium Hypochlorite: What's the Best Option?"



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