



Work Flow Charting - Shakopee, MN and Brooklyn Center, MN

Shakopee Public Utilities (SPU) and Brooklyn Center Public Utilities individually retained PCE to perform Knowledge Management by Work Flow Diagramming. PCE offers an owner assisted service relating to knowledge management for the City/Utility. Knowledge Management is accomplished by generating flow charts that capture the present work activities of the City/Utility. Flow charts are developed with City staff and contain links to existing policies and procedures and pertinent files. These flow charts help highlight areas where activities could be added/modified/eliminated to gain efficiency of operations. They also highlight areas where efficiencies could be gained by developing a policy or procedure for the activity.

Well No. 41 - Rochester Public Utilities

The City of Rochester is a fast-growing City in the central part of Olmsted County in southeastern Minnesota. Growth of approximately 2,500 people per year requires the City to add an additional well every other year 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. 41. PCE has a long and successful relationship with the RPU staff, having completed Well Nos. 35, 36, 37, 38, 39, and 40.

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 construction of the well will be completed in 2012.

Ben Scholtz, P.E.

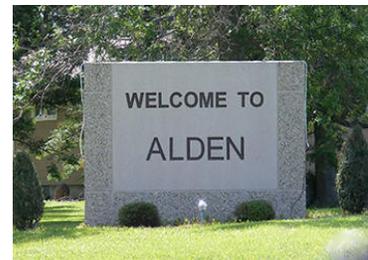
Ben Scholtz recently obtained his Professional Engineer License. Mr. Scholtz has been with Progressive Consulting Engineers, Inc. (PCE) for over four (4) years and is presently working on the utilities for the Central Corridor Light Rail Transit Project.



Water Treatment Plant Evaluation - Alden, MN

The City of Alden Water Treatment Plant is almost 60 years old. PCE is part of a team selected to evaluate the existing plant to determine if it should be rehabilitated or replaced.

The work will involve determining the metal loss in the filter tanks, and checking the condition and effectiveness of the piping, chemical feed system, the filter media, and the filter under drains. Samples of the plant influent and effluent will be analyzed to determine plant performance. A report will be presented to the City Council at the conclusion of the study.





WATER BULLETIN

Presentation - Minnesota Rural Water Association

Naeem Qureshi and Jeny Shah made a presentation titled “Water Conservation Rates - Meeting the Deadline to Comply”, at the 28th Annual Minnesota Rural Water Association Water and Wastewater Conference on Wednesday, March 7, 2012 in St. Cloud, Minnesota.

The presentation discussed the rate making environment for the water utilities, the challenges that the utilities are facing due to decrease in demand and revenue, the rates analysis process, and how the cities can implement the rate increase by effectively communicating the infrastructure improvement needs to the community and elected officials.



Presentation - 2012 AWWA Annual Conference - Dallas, TX

Naeem Qureshi made a presentation titled “Water Sustainability Through Water Conservation” at the 2012 Annual American Water Works Association Conference and Exposition on Tuesday, June 12, 2012 in Dallas, Texas.

The presentation discussed the increased awareness among the utilities for water conservation because of the potential water shortages in the future. The Minnesota Department of Natural Resources has mandated that utilities serving more than 1,000 customers implement water conservation rate structures.

The presentation presented data for the City of Rochester, MN. The Rochester Public Utilities (RPU) serves about 110,000 customers and has developed an effective water conservation program. RPU has focused on incentivising fixture replacement, public education, and leak detention to reduce demands. Over 14,000 rebate checks have been issued. The presentation contains data on water savings of over 71 million.

Mr. Qureshi also made a presentation titled “Pump Design and Selection/Well Design and Construction” at the AWWA Metro School in April 2012.



Water Distribution System Modeling - Shoreview, MN

The City of Shoreview is planning to supply water to the Sister of Good Shepherd Development located in the City of North Oaks, MN. The development consists of 125 high end houses.

The City retained PCE to complete a water distribution system modeling analysis to determine the feasibility of Shoreview Municipal Water System supplying water to the new development without affecting their existing customers. A WaterCAD model analysis was completed to determine the pressure and available fire flows in the system including the additional demand of the new area. The City is planning to pipe Well No. 6 to the water supply complex in the near future. The water system analysis was completed for the existing conditions with Well No. 6 pumping directly into the water distribution system as well as with Well No. 6 being connected to the supply water complex.

PCE determined that the Shoreview water system can supply water to the Sister of Good Shepard Development without any negative impacts on Shoreview City customers. The report was completed in June 2012.



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