

## Progressive Consulting Engineers, Inc. Statement of Qualifications

PCE, Inc. is a 14 person consulting engineering firm with a combined staff experience of over 100 years in the water supply area. The firm specializes in the water supply area and provides responsive, high quality, and cost effective services to public and private agencies. PCE provides solutions to drinking water quality problems, develops equitable water rates, and solves plant operational challenges. PCE also provides quality services in water distribution system analyses and design, source development, treatment plant design, upgrading existing plants, booster stations, storage facilities, corrosion control studies, and water quality.

### Experience of Key Staff

**Naeem Qureshi, P.E.** has over forty-one (41) years of experience in well, storage, booster station, and water treatment plant (WTP) design, water distribution analysis and design, water quality, and water rate studies. Mr. Qureshi has over nine (9) years of experience with the Minneapolis Water Works. He has worked on over two hundred (200) projects in the water supply area. Projects include water quality, WTP design, water system analysis, operational review of water plants, storage, pumping stations, and well design. Mr. Qureshi has B.S. and M.S. degrees in Civil Engineering. He has authored four papers in the *Journal for the American Water Works Association (AWWA)*, three in the *Opflow AWWA Publication*, two in *Water Engineering and Management* and two in *Public Works*. He presented papers at the 2006 AWWA Annual Conference in San Antonio and the 2009 AWWA Annual Conference in San Diego, CA. He has spoken at numerous AWWA Section Annual Conferences, Rural Water Association Conferences, and at operator schools. As a member of the Coagulation and Filtration Committee for AWWA, he was involved in the publication of two AWWA Manuals. He is the 2008 recipient of the L.N. Thompson Award AWWA MN Section.

**Adam Kramer, P.E.** has over forty-one (41) years of experience in water infrastructure maintenance and construction, distribution and water plant operations, utility management including management of the project for the largest ultrafiltration membrane plant in North America. Until recently he was the Director of Minneapolis Water Works with a budget of \$40 million and over 280 employees. Prior to that he was Superintendent of Plant Operations responsible for a 180 million gallons a day softening plant, two filtration plants, dewatering plant, and several pump stations. He has a Class 'A' water supply system operator license. His consultant experience includes regional water supply planning, contract operator audit, independent engineering evaluation, and assistance with various studies. Adam has presented at local, state, national, and international conferences on water topics. In addition, he is published in a textbook by Wiley and Sons, 2005, "Management Innovation in US Public Water and Wastewater Systems". Other experience includes Gopher State One Call Charter Member, Ex Chair, and Chair Emeritus, New Hope City Planning Commission, AWWARF project review, Technical Advisory Group for Water District No. 1 Johnson County, Kansas, Charter Member North Metro CAER, Member of United States Geological Service Task Force for Mississippi River, Task Force Member Minnesota DNR for developing voluntary dam operations on Mississippi, Charter member and co-founder Mississippi River Defense Network. Mr. Kramer has a B.S. Degree in Civil Engineering. He is the recipient of the 2002 L.N. Thompson Award AWWA MN Section, 2002 Presidents Award from the Association of Metropolitan Water Agencies, and 2002 Gold Award for Competitive Change and Efficiency Gains from the Association of Metropolitan Water Agencies

**Lance Newman, P.E.** has over sixteen (16) years of experience in the water supply field. Mr. Newman has been involved in the design of a 5,000 gpm pump station in Genoa, WI and the design of a 1,000 gpm well and pumphouse project for Oakdale. He has worked on the design of the Lakeville water plant yard piping, ranging in size of up to 48 inches and a 3 MG ground storage facility in Brooklyn Park, MN. Present projects include the utility design for the Central Corridor Light Rail Transit project. Mr. Newman has a B.S. Degree in Civil Engineering.

**Brian Zinnel, P.E.** has seven (7) years of experience in the water supply area. He was involved with the preparation of plans and specifications and construction period services for Calvary Hill 1.0 MG water tower, 3,800 gpm booster station, and 2.0 MG ground storage tank. He worked on the design of a 3 MGD iron and manganese removal plant for Blaine, and 1,500 gpm water treatment plant No. 6 upgrade project for Anoka. He also worked on WTP No. 2 for Edina, MN, and 2 - 2.5 MG ground reservoirs for Shakopee, MN. Presently he is involved with the WTP No. 1 in St. Louis Park, MN. He is also working on a 2 MG elevated storage project for Ramsey, MN. Mr. Zinnel has a B.S. Degree in Civil Engineering.

**Jon Schelkoph, P.E.** has nine (9) years of experience in site investigation reports, drainage reports and storm water pollution prevention plans. He has experience in surveying streets and inspecting street and utility reconstruction projects. Presently he is working on the civil design project for the U.S. Fish and Wildlife Service. Mr. Schelkoph has a M.S. and B.S. Degree in Civil Engineering.

## Experience

### Operational Reviews (30)

1. WTP, Alexandria, MN
2. WTP, Anoka, MN
3. WTP, Bagley, MN
4. WTP, Blooming Prairie, MN
5. WTP, Brainerd, MN
6. WTP, Brooklyn Park, MN
7. WTP, Buffalo, MN
8. WTP, Chaska, MN
9. WTP, Duluth, MN
10. WTP, East Grand Forks, MN
11. WTP, Eden Prairie, MN
12. WTP, Edina, MN
13. WTP Fergus Falls, MN
14. Cooling Water Reinjection System, General Mills, Minneapolis, MN
15. WTP, Grand Rapids, MN
16. WTP, International Falls, MN
17. WTP Inver Grove Heights, MN
18. WTP, Lamberton, MN
19. WTP, Litchfield, MN
20. WTP Maple Grove, MN
21. WTP, Milaca, MN
22. Process/Treatment, Mpls. Water Works, Mpls, MN
21. WTP Minnetonka
22. WTP, New Ulm, MN
23. WTP Redwood Falls, MN
24. WTP Robbinsdale, MN
25. WTP Staples, MN
26. Spent Lime Supernatant System, St. Paul, MN
27. Caddis Fly Infestation Study, St. Paul, MN
28. WTP, Imation Co., Middleway, WV
29. WTP White Bear Lake, MN

### Water Storage (10)

1. 3.0 MG Ground Storage, Brooklyn Park, MN
2. 1.0 MG Tower, Cloquet, MN
3. 10 MG Ground Storage, Columbia Heights, MN
4. 0.5 MG Tower, Grand Rapids, MN
5. 1.0 MG Tower, Hibbing, MN
6. 2.00 MG Tower, Ramsey, MN
7. 0.5 MG Ground Storage, Redwood Falls, MN
8. 2—2.5 MG Ground Storage, Shakopee, MN
9. 1.0 MG Tower, St. Cloud, MN
10. 2.0 MG Ground Storage, St. Cloud, MN

### Alternate Source Studies (3)

1. Blandin Paper Co., Grand Rapids, MN
2. Hermantown, MN
3. Minneapolis, MN

### Wellhead Protection (1)

1. Wellhead Protection, Camp Ripley, MN

### Vulnerability Assessment (1)

1. City of Cloquet, MN

### Conservation & Emergency Management Plans (17)

1. City of Anoka, MN
2. City of Blaine, MN
3. City of Brooklyn Park, MN
4. City of Cloquet, MN
5. City of Coon Rapids, MN
6. City of Goodview, MN
7. City of Grand Rapids, MN
8. City of Lakeville, MN
9. City of Melrose, MN
10. City of Oakdale, MN
11. City of Plymouth, MN
12. City of Red Wing, MN
13. City of Robbinsdale, MN
14. City of Rosemount, MN
15. City of Shakopee, MN
16. City of Shoreview, MN
17. City of Stillwater, MN

### Wells (44)

1. City of Anoka, MN
2. City of Edina, MN (2)
3. Rice Lake Elementary School, Andover, MN
4. City of Buffalo, MN
5. City of Coon Rapids, MN (22)
6. Grand Rapids, MN
7. Honeywell Corp., Minneapolis, MN
8. City of Oakdale, MN (3)
9. City of Melrose, MN (2)
10. City of Prior Lake, MN
11. Princeton Public Utilities
12. City of Rochester, MN (6)
13. City of Rogers, MN
14. City of Staples, MN (2)

### Pumping Stations (7)

1. Public Utilities, Grand Rapids, MN
2. City of Northfield, MN
3. Minneapolis Water Works (2)
4. City of Red Wing, MN
5. Genoa Fish Hatchery, WI
6. City of St. Cloud, MN
7. St. Paul Water Utility, MN

### Corrosivity Studies (4)

1. City of Brainerd, MN
2. U.S. Air Base, Minneapolis, MN
3. City of Hopkins, MN
4. Indian Health Service, Bemidji, MN

## Experience

### Water Quality Studies (11)

1. City of Aitkin, MN
2. City of Anoka, MN
3. City of Belle Plaine, MN
4. Indian Health Service, Bemidji, MN
5. Honeywell, Plymouth, MN
6. City of Edina, MN
7. City of Inver Grove Heights, MN
8. Public Utilities, New Ulm, MN
9. U.S. Air Force Base, Mpls, MN
10. City of Oakdale, MN
11. City of Woodbury, MN

### WTP Feasibility Studies (7)

1. City of Edina, MN
2. City of Goodview, MN
3. City of Inver Grove Heights, MN
4. City of Isanti, MN
5. City of Redwood Falls, MN
6. City of Winona, MN
7. 3M Company, Cordova, IL

### Pilot Plant Studies (13)

1. City of Anoka, MN
2. City of Blaine, MN (3)
3. City of Brooklyn Park, MN
4. City of Champlin, MN
5. City of Edina, MN
6. City of Goodview, MN
7. City of Isanti, MN
8. City of Lakeville, MN
9. New Ulm Public Utilities, New Ulm, MN
10. City of Robbinsdale, MN
11. Upper Sioux Indian Reservation

### Water System Analyses (29)

1. City of Anoka, MN
2. City of Blaine, MN
3. City of Brooklyn Center, MN
4. City of Brooklyn Park, MN
5. City of Buffalo, MN
6. City of Cloquet, MN
7. City of Columbia Heights, MN
8. City of Faribault, MN
9. City of Grand Rapids, MN
10. City of Hibbing, MN
11. City of Hilltop, MN
12. City of Inver Grove Heights, MN
13. City of Lakeville, MN
14. City of Maplewood, MN
15. City of Melrose, MN
16. City of Minneapolis, MN
17. City of Northfield, MN
18. Owatonna Public Utilities, Owatonna, MN
19. City of Oakdale, MN
20. City of Princeton, MN
21. City of Red Wing, MN
22. City of Robbinsdale, MN
23. City of Rochester, MN

24. City of Rogers, MN
25. City of Shoreview, MN
26. City of St. Louis Park, MN
27. City of Shakopee, MN
28. Superior Water & Light, Superior, WI
29. U.S. Air Force Base, Minneapolis, MN

### Water Treatment Plant (WTP) Designs (29)

1. WTP No. 4, Anoka, MN
2. WTP No. 6, Anoka, MN
3. WTP No. 1, Blaine, MN
4. WTP No. 2, Blaine, MN
5. WTP No. 3, Blaine, MN
6. WTP Improvements, Brooklyn Park, MN
7. WTP Expansion, Brooklyn Park, MN
8. Wooddale WTP, Edina, MN
9. WTP No. 2, Edina, MN
10. WTP No. 3, Edina, MN
11. WTP No. 4, Edina, MN
12. WTP No. 1, Goodview, MN
13. WTP No. 2, Goodview, MN
14. WTP Improvements, Hopkins, MN
15. WTP No. 1, Isanti, MN
16. WTP Design, Lakeville, MN
17. Lagoon Treatment Plant., Mpls, MN
18. WTP, New Ulm, MN
19. WTP Design, Princeton, MN
20. WTPs (3) Design, Robbinsdale, MN
21. WTP No. 1, St. Louis Park, MN
22. WTP No. 4, St. Louis Park, MN
23. WTP No. 8, St. Louis Park, MN
24. WTP No. 16, St. Louis Park, MN
25. WTP, Staples, MN
26. WTP, Federal Correctional Institution, Sandstone, MN
27. WTP, Imation Company, Middleway WV

### Water/Sewer Rate Studies (21)

1. City of Becker, MN
2. City of Blaine, MN
3. City of Brooklyn Park, MN
4. City of Brooklyn Center, MN
5. City of Chaska, MN
6. City of Cloquet, MN
7. City of Dayton, MN
8. City of Duluth, MN
9. City of Edina, MN
10. City of Fridley, MN
11. City of Grand Rapids, MN
12. City of Hastings, MN
13. City of Hermantown, MN
14. City of Litchfield, MN
15. City of Minneapolis, MN (2)
16. City of Oakdale, MN
17. City of Rochester, MN
18. City of Rogers, MN
19. City of St. Cloud, MN
20. City of Shakopee, MN

## Clients

PCE personnel have performed consulting engineering work in the water supply area for the following 80 organizations:

City of Aitkin, MN	City of Northfield, MN
City of Alexandria, MN	City of Oakdale, MN
City of Anoka, MN	City of Plymouth, MN
City of Bagley, MN	City of Prior Lake, MN
City of Becker, MN	City of Ramsey, MN
City of Belle Plaine, MN	City of Red Wing, MN
City of Blaine, MN	City of Robbinsdale, MN
City of Blooming Prairie, MN	City of Rogers, MN
City of Brooklyn Center, MN	City of Rosemount, MN
City of Brooklyn Park, MN	City of Shoreview, MN
City of Buffalo, MN	City of Staples, MN
City of Champlin, MN	City of St. Cloud, MN
City of Chaska, MN	City of St. Louis Park, MN
City of Cloquet, MN	City of Stillwater, MN
City of Columbia Heights, MN	City of White Bear Lake, MN
City of Coon Rapids, MN	City of Winona, MN
City of Dayton, MN	City of Woodbury, MN
City of Duluth, MN	Alexandria Power and Light, MN
East Grand Forks, MN	Anoka Hennepin School District, MN
City of Edina, MN	Blandin Paper Company, Grand Rapids, MN
City of Faribault, MN	Elk River Public Utilities, MN
City of Fergus Falls, MN	General Mills Corporation, MN
City of Fridley, MN	Honeywell, MN
City of Goodview, MN	Imation Companies, Middleway, WV
City of Grand Rapids, MN	Indian Health Service, Bemidji, MN
City of Hastings, MN	Litchfield Public Utilities, MN
City of Hermantown, MN	Minneapolis Water Works, MN
City of Hilltop, MN	MN Department of Military Affairs, Camp Ripley, MN
City of Hopkins, MN	Owatonna Public Utilities, MN
City of International Falls, MN	Public Utilities Commission, Grand Rapids, MN
City of Inver Grove Heights, MN	Public Utilities Commission, Hibbing, MN
City of Isanti, MN	Public Utilities, New Ulm, MN
City of Lakeville, MN	Public Utilities Commission, Princeton, MN
City of Lambertton, MN	Rochester Public Utilities, Rochester, MN
City of Mankato, MN	Superior Water and Light, Superior, WI
City of Maple Grove, MN	Public Utilities Commission, Shakopee, MN
City of Maplewood, MN	St. Paul Board of Water Commissioners, MN
City of Melrose, MN	3M Company
City of Milaca, MN	U.S. Air Force Base, Minneapolis, MN
City of Minneapolis, MN	
City of Minnetonka, MN	

## Further Information

For further information on PCE, Incorporated, please contact Naeem Qureshi, Lance Newman, or Brian Zinnel at:  
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