

# Exhibit NCOPRE C103

**Dick Wolfe, M.S., P.E.**

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## **EMPLOYMENT HISTORY**

*2007-present*

*State Engineer and Director, Colorado Division of Water Resources*

Responsible for the direction and management of the Colorado Division of Water Resources, which has a staff of approximately 280 employees and an annual budget of approximately \$25 million. The Division is responsible for distribution and administration of water in accordance with statutes and interstate compacts; the implementation of a statewide dam safety program; the permitting of the use of ground water and construction of wells; the collection and dissemination of data on water use and streamflow; and conducting various studies concerning water resources and the availability of water supplies. The State Engineer is Colorado's commissioner on five interstate compacts and is responsible for assuring compliance with these compacts. The State Engineer is also the Executive Director of the Colorado Ground Water Commission and is the Secretary of the Board of Examiners for Water Well and Pump Installation Contractors.

*2005-2007*

*Assistant State Engineer, Colorado Division of Water Resources*

Manager of the Water Supply Branch including Designated Basins. Manage a staff of 33 for well permitting, substitute water supply plan review, subdivision water supply plan review, litigation support for water court, Ground Water Commission and State Engineer, policy and rule development, budgeting and public presentations.

*2000-2005*

*Chief of Water Supply, Colorado Division of Water Resources*

Senior Supervising Engineer for the Water Supply Branch including well permitting, substitute water supply plan review, subdivision water supply plan review, litigation support for water court and State Engineer, policy and rule development, database management, permit statistics, budgeting and public presentations.

*1993-2000*

*Supervising Engineer and Team Leader, Colorado Division of Water Resources*

Supervising engineer and Team Leader in Water Divisions 1, 2, 3, 6 and 7 for well permitting; Denver Basin modeling and findings; nonexempt well permit findings; substitute water supply plans, subdivision review from counties for water supply; water supply analyses; water court resume review; and water court litigation support; computer programming and applications in Lotus 123, Dbase, Word, WordPerfect, Access, Excel, and Power Point; hearings before the State Engineer; drafting policies; develop Guidelines for Substitute Water Supply Plans for Gravel Pits and Water Well Construction Rules.

*1986-1993*

*Partner, Spronk Water Engineers, Inc., Denver, Colorado*

Water Rights Engineering

- Water Right Transfers
- Applications for Permits and Decrees
- Plans for Augmentation
- Evaluations and Appraisals
- Litigation Support

Hydrology

- River Basin Yield Evaluations
- Reservoir Evaporation and Seepage Analyses

- Stream Depletion and Accretion Analyses
- In-stream Use

#### Water Resources Engineering

- Reservoir Operation Studies
- Groundwater and Well Development Evaluations
- Assisted with Development of Water Rights and Hydrologic Database for the Arkansas River Basin in Colorado
- Water Quality and Sedimentation Analyses
- Consumptive Use Analyses Including Phreatophytes
- Evaluation of High Mountain Consumptive Use
- Construction Cost and Quantity Estimates
- Analyses of Lawn Irrigation Return Flows Using Lysimeters

### **EDUCATION**

*1984-1986* Master of Science Degree in Agricultural Engineering, Colorado State University

*1979-1983* Bachelor of Science Degree in Agricultural Engineering, Colorado State University

### **PROFESSIONAL MEMBERSHIPS AND REGISTRATIONS**

- Denver University Water Law Review Advisory Board Member- 2012-present
- Dividing the Waters-The National Judicial College, 2012-present
- Appointed to Colorado Supreme Court Water Court Committee, December 2007-present
- Colorado Water Conservation Board, December 2007-present
- Colorado Interbasin Compact Committee, December 2007-present
- Colorado Board of Examiners, December 2007-present
- Executive Director, Colorado Ground Water Commission, December 2007-present
- South Platte River Basin Task Force, Engineering Advisor, June-September 2007
- Colorado Foundation for Water Education (Mentor for 2006, 2010 and 2011 Water Leaders Program), 2002-present
- Advisory Board Member, Department of Civil and Environmental Engineering, Colorado State University, 2005-2012
- Registered Professional Engineer in Colorado, 1989, Registration Number 26816
- American Society of Civil Engineers
- American Water Resources Association, Colorado Section
- Colorado Water Officials Association
- Alpha Epsilon, the Honorary Society of Agricultural Engineering

### **CERTIFICATES**

- Certified Emergency Response Training, City of Broomfield, 2006
- Broomfield Citizens Academy, 2003
- Certified Elected Official, Colorado Municipal League, 1997
- Lessons in Leadership, Covey Leadership Center, 1996
- Supervisory Certificate Program, Colorado Department of Personnel, 1995
- Modeling of Ground-Water Flow Using Finite Difference Methods, USGS National Training Center, 1994

### **ELECTED POSITIONS**

- Mayor, City of Fort Lupton, 1995-1997
- Councilmember, City of Fort Lupton, 1993-1995
- Director-at-Large, American Water Resources Association, 1994
- Precinct Committee Chairperson, 1992-1996
- Delegate to Local, County, District, and State Assemblies, 1992

## **RECOGNITION AND AWARDS**

- Advisor for USAID International Support and Strengthening Program for personnel within the Ministry of Water and Irrigation (MWI), including the planned Provisional Utility Regulatory Authority (PURA), the Water Authority of Jordan (WAJ), the Jordan Valley Authority (JVA) and other sectoral agencies to address legal reform and legislative drafting for the Jordanian water law. January 2013, Washington, D.C.
- Advisor to the Comparative Groundwater Law and Policy Program, Stanford Woods Institute for the Environment, Bill Lane Center for the American West, Stanford University and United States Studies Centre, University of Sydney, 2012-present
- Commencement speaker for Colorado State University College of Engineering, December 2010
- Leadership of the Year, Colorado Division of Water Resources, 2005
- “Above and Beyond” Award for coordinating the SB 03-181 fee increase implementation, Colorado Division of Water Resources, April 2003
- Manager of the Year, Colorado Division of Water Resources, 2002
- Professional of the Year, Colorado Division of Water Resources, 1996
- “Top Dog” Award for work on Arkansas River Replacement Plans, Colorado Division of Water Resources, 1996
- Customer Service Awards, Colorado Division of Water Resources, 1993, 1997, 1998, 2000, 2003, 2004, 2005 & 2006
- “Top Dog” Award for developing new computerized timesheets, Colorado Division of Water Resources, 1993

## **PUBLICATIONS**

Colorado’s Interstate Compacts. Colorado Foundation for Water Education. Reviewer. February 2010.

Reservoir Administration Guidelines. June 2007. Author and Chief Editor. Colorado Division of Water Resources.

Water Administration: State Engineer’s Office. Chapter 14. Colorado Water Law Bench Book. Byers, Jack and Dick Wolfe. First Edition (Carrie L. Ciliberto ed., CLE in Colo., Inc. 2006).

Produced Waters Workshop- Practically, How Do We Do This? Practically, how do we determine who has the right to beneficially use treated produced waters, and how do they obtain the right? Wolfe, Dick. April 5, 2006. Colorado Water Resources Research Institute.

Surface Water and Ground Water Administration in Colorado. September 23, 2003. Presenter at Judicial Conference for continuing legal education in Denver for Water Court Judges and Supreme Court Justices. Presentation and paper.

Graywater Systems and Rainwater Harvesting in Colorado. April 2003. Colorado Division of Water Resources.

Surface Irrigation and Ditch Operations. Reagan. Waskom, Ernie Marx, and Dick Wolfe. February 2003. Colorado State University Cooperative Extension.

Private Wells for Home Use. E. Marx, R. Waskom, and D. Wolfe. November 2002. Colorado State University Cooperative Extension.

Water Rights and Beneficial Use of Coal Bed Methane Produced Water in Colorado. Dick Wolfe and Glenn Graham. October 16-17, 2002. *Ground Water Protection Council Produced Water Conference*, Colorado Springs. Presentation and paper.

Guide to Well Permitting and Water Rights Administration in Colorado. June 2002 (updated March 2006 and June 2008). Co-author and Editor. Colorado Division of Water Resources.

Well Commissioner Training Manual. January 2002. Author and Chief Editor. Colorado Division of

Water Resources.

Evaporation. Wolfe, Dick, and Richard Stenzel. October 1995. Paper presented at the *Evapotranspiration and Irrigation Efficiencies Seminar held by the American Consulting Engineers Council.*

Evaluation of South Platte River Call Data. Spronk, Brent E., and Dick Wolfe. February 1989. Published in the Proceedings for the *Colorado Water Engineering and Management Conference.*

#### **EXPERT REPORTS IN PAST 5 YEARS**

- May 2010 and May 2103. Non-binding Arbitration Pursuant to the Final Settlement Stipulation, Kansas v. Nebraska and Colorado, No. 126 Original.
- June 2008, August 2009, September 2009 and July 2012. In the Matter of the Rio Grande Water Conservation District in Alamosa, Colorado, Water Division 3 Case No. 2007CW52 concerning the Office of the State Engineer Approval of the Plan of Water Management and Annual Replacement Plan for Special Improvement District No. 1 of the Rio Grande Water Conservation District.
- March 2010. Proposed Compact Rules Governing Improvements to Surface Water Irrigation Systems in the Arkansas River Basin in Colorado, Water Court Case No. 09CW110.

#### **TESTIMONY IN PAST 5 YEARS**

- October 2008, October 2009 and October 2012. Trial testimony in 2006CV64 In the Matter of the Rio Grande Water Conservation District in Alamosa, Colorado, Water Division 3 and 2007CW52 concerning the Office of the State Engineer Approval of the Plan of Water Management and Annual Replacement Plan for Special Improvement District No. 1 of the Rio Grande Water Conservation District.
- August 2012. Trial testimony before Special Master Kayatta in appeal of decision regarding non-binding Arbitration Pursuant to the Final Settlement Stipulation, Kansas v. Nebraska and Colorado, No. 126 Original.
- July 2010. Hearing testimony before Arbitrator Pagel regarding Non-binding Arbitration Pursuant to the Final Settlement Stipulation, Kansas v. Nebraska and Colorado, No. 126 Original.