



FORD RESEARCH GROUP

Knowledge for informed decision-makingSM

Town of Saratoga
P.O. Box 486
110 E. Spring Avenue
Saratoga, WY 82331

19-Jan-23

Attn: Chuck Davis, Mayor

Re: Saratoga Carbon County Impact Joint Powers Board Position

Mayor Davis:

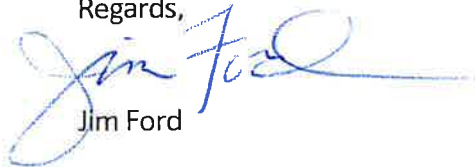
I noticed the Saratoga Sun advertisement for the open board position on the Saratoga-Carbon County Impact Joint Powers Board (SCCIJPB). I am very interested in applying for that position.

My experience as a water resource engineer would be a good benefit for the SCCIJPB. I've worked in the field of water engineering for more than 35 years. For the last 14 years I was with the City of Black Hawk as their water resource engineer/manager. My main duty was to make sure the City did not run out of water. These duties included planning for the future, managing design and construction of water infrastructure, water rights administration, and reviewing plans/specs/reports for developer-initiated projects.

I've attached my resume for additional information to give a more in-depth look into my background.

Please consider me for the SCCIJPB position as I would enjoy working on the Board to help ensure that the Town of Saratoga always has a safe and reliable water now and into the future.

Regards,



Jim Ford

Encl: James R. Ford Resume

Education

Colorado State University, Fort Collins, CO, 2001
Environmental Engineering Completed Coursework for M.S.

New Jersey Institute of Technology, Newark, NJ, 1989
B.S. Civil Engineering (cum laude)

Professional Registrations and Associations

Professional Engineer, State of Colorado No. 28743
Member of Chi Epsilon, Civil Engineering Honor Society
Member of Tau Beta Pi, Engineering Honor Society

Work Experience

- 2008-2022 ***City of Black Hawk***; Black Hawk, CO
Water Manager
Administers capital improvement water projects with regard to planning, budget, design, and construction. Administers water rights engineering and accounting. Develops operations and maintenance plans related to the Water Operations and Water Resources. Develops intergovernmental agreements with other entities. Develops and monitors watershed protection programs. Develops standards, specifications, and regulations for City Ordinance. Conducts feasibility studies and manages Environmental Impact Statements/Environmental Assessments for water resources and water treatment projects. Develops the Water Department's 5-year Capital Improvement Projects budget.
- 2005-2008 ***Rothberg, Tamburini, & Winsor***; Fort Collins and Denver, CO
Senior Project Manager
Project manager and design engineer for water treatment facilities, ultra violet disinfection design for water and wastewater facilities, sewer extension, water transmission lines and distribution systems. Construction manager and resident engineer for \$9M water treatment facility. Projects ranged in value of \$40K to \$9M in construction costs.
- 2001-2005 ***McLaughlin Water Engineers***, Lakewood, CO
Senior Project Manager
Project manager for water and wastewater treatment facilities, transmission and distribution systems. Authored operation and maintenance manuals. Managed construction of treatment facilities. Performed hydraulic analysis of pressure and open channel flow. Projects ranged in value of \$200K to \$8.5M in construction costs.
- 1999-2000 ***Soldier Canyon Filter Plant***, Fort Collins, CO
Assistant Manager/Plant Engineer
Assisted in the management and operation of a conventional water treatment facility. Compiled water quality data for EPA turbidity reports. Wrote Consumer Confidence Reports. Authored Standard Operating Procedures for individual treatment processes. Co-authored and presented paper titled "Plate Settler Retrofit Increases Plant Capacity While Saving Future Capital Costs" at Rocky Mountain Section of AWWA conference September 1999. Performed laboratory water quality tests.

- 1990-1999 ***TEC, The Engineering Co.***, Fort Collins, CO
Project Manager/Resident Engineer
Designed and managed construction of water and wastewater treatment plants. Designed water distribution and sewer collection systems as well as pump and lift stations. Modeled sanitary and water distribution systems using SWMM and water distribution system analysis software. Compiled project specifications. Resident engineer for numerous water and wastewater treatment plant projects, collection and distribution systems, roadway, and dam construction projects.
- 1989-1990 ***CDS Engineering***, Loveland, CO
Design Engineer
Designed residential subdivisions and commercial site plans including roadway and grading designs. Compiled project schedules and cost estimates.
- 1989 ***Parsons & Associates***, Fort Collins, CO
Project Engineer
Designed residential subdivisions consisting of utility, drainage, and roadway design. Calculated boundary surveys using coordinated geometry. Calculated cost estimates.
- 1987-1989 ***Bohler Engineering***, Watchung, NJ
Design/Municipal Engineer
Designed municipal projects including a major sewer extension and water supply production well. Reviewed Planning and Zoning Board applications. Inspected capital improvement projects. Designed commercial site plans and residential subdivisions. Performed hydrologic and hydraulic studies using TR-55, Rational Method, and HEC-2.
- 1985-1987 ***Associated Consultants***, Chester, NJ
Designer/Draftsman
Performed hydrologic studies for small watersheds. Designed detention basins and outlet structures. Designed vertical and horizontal roadway geometries and reduced survey field notes.