

# Curriculum Vitae of John Shaw, P.E.

## John Shaw Consulting, LLC

### Water, Wastewater, Hydraulic & Forensic Engineering

#### Address

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#### Education

B.S. – Civil Engineering – University of Nevada, Reno – 1988

#### Registrations and Certifications

- Professional Engineer – Nevada No. 10023
- Professional Engineer – Idaho No. 7239 (inactive)
- Professional Engineer – New Mexico No. 12490 (inactive)
- Professional Engineer – California No. 61007
- Professional Engineer – Vermont No. 7856
- Professional Engineer – Oregon No. 72270PE
- Professional Engineer – Wisconsin No. 40270-006
- Professional Engineer – Ohio No. 74995
- Professional Engineer – Guam No. 1579
- Professional Engineer – Washington No. 48470
- Professional Engineer – Michigan No. 6201058395
- Professional Reviewer & Expert Witness for the Oregon Board of Examiners for Engineering & Land Surveying
- NCEES Records Program – 19794
- United States Council for International Engineering Practice – Certificate No. 19794
- AWWA Certification – Grade IV Water Treatment Plant Operator No. 276
- AWWA Certification – Grade IV Water Distribution Operator No. 430
- WEF Certification – Grade IV Wastewater Treatment Plant Operator No. NV-322
- California DHS Certification – Grade V Water Distribution System Operator No. 7225
- Nevada State Health Certification – Grade IV Water Treatment Plant Operator No. 207 (inactive)
- Nevada State Health Certification – Grade IV Water Distribution Operator No. 430 (inactive)
- State of Nevada Certification – Grade IV Wastewater Treatment Plant Operator No. NV-322
- OSHA Confined Space Safety Certification (29 CFR 1910.146, 1926.1001, 1915.1001)



#### Professional Work History

**2000 – Present: John Shaw Consulting, LLC:** Provides Civil Engineering including design, planning and consulting on operations and maintenance, regulatory compliance and management services specific to the water and wastewater industry and consulting and expert witness testimony for attorneys. John has lived and/or worked in many of the United States as well as Jamaica, Mexico, Scotland, England, Spain, France, Italy, Honduras, Columbia, Belarus and Canada.

**1986 – 2000: Shaw Engineering, Ltd.:** President. Owned and managed this company until October, 2000, when it was sold to two of the Principal Engineers. Through Shaw Engineering, Ltd., I was involved in a diverse list of projects including water and wastewater planning, treatment, conveyance, collection, rehabilitation re-use and disposal facilities including planning, design, construction and contract management, operations, safety, and regulatory requirements. Through Shaw Engineering, Ltd., was appointed City Engineer for the City of Lovelock, in 1989 provided that service as well as serving as the City Building official until 1999. Later, provided these services as well to Lander County, Nevada. More recent projects include, Duraflex International – Industrial Wastewater Treatment and Disposal Facility, Alpine Springs County Water District, Gold Mountain Community Services District, Pine Ridge Water Company (Nos. 1 & 2), Matthew's Ranch Wastewater Treatment and Disposal Facility, Quill Ranch Water Treatment Plant, Grand View Terrace Water Company,

City of Lovelock Wastewater Treatment Facility (SBR); Lander County Public Safety Facility Construction Management; Battle Mountain Wastewater Treatment Plant; Lander County Humboldt and Reese River Contaminant Modeling; Lander County Pool Rehabilitation; CDB Effluent Reuse Facility-Hydraulic Analysis; Silver Lake Water Company System Mapping; Northstar Summit Deck & Grille; Sky Vista Sewage Lift Station and Force Main; Washoe County Utility Division Southern Washoe County Sewer and Water Utility System Mapping; Incline Village GID Burnt Cedar Beach Pool Rehabilitation; and numerous others.

**1988 – 1995: SPB Utility Services, Inc.:** Secretary/Treasurer. SPB is an operations company that provides contract operations, and operations and maintenance consulting services throughout the State of Nevada. As the Secretary of the corporation, was responsible for all of the local (Reno, Sparks, Washoe County) operations, employees and clients, as well as regulatory compliance, including OSHA, at all the facilities for which the company was responsible.

## **Affiliations**

- University of Nevada, Reno, Department of Civil Engineering – Curriculum Advisory Board Member
- American Water Works Association - Member #233221
- AWWA, Illinois Section – Water System Distribution Committee - Member
- International Water Association (IWA) - Member
- Forensic Expert Witness Association (FEWA) - Member
- Tahoe Truckee Sanitary Agency (TTSA) – Board of Directors (2002 – 2005)
- Washoe County Health Department – Sewage, Water, and Sanitation Hearing Board Member (appointed 1993-1998)
- Tahoe-Truckee Engineers Association
- Volunteers for Overseas Cooperative Assistance (VOCA) - Volunteer
- Water for People – International Volunteer
- American Society of Civil Engineers
- National Society of Professional Engineers
- National Association of Corrosion Engineers - Member #6896-00
- American Backflow Prevention Association - Member #Q1245
- Water Environment Federation - Member #1645765
- National Association of Sewer Service Companies (NASSCO) - Member