

Mr. Johnson is Vice President and Managing Principal of the Covina office of Stetson Engineers. Mr. Johnson is responsible for all engineering operations performed by the firm's southern California office, in Covina, California. Mr. Johnson's extremely broad experience covers the southern California work for well over a quarter century. As a Managing Principal, Mr. Johnson is responsible for all corporate management functions and professional engineering support services. Mr. Johnson has represented Stetson for over 30 years, continuously.

Education:

B.S. Civil Engineering, California Polytechnic University, Pomona, 1977

Licenses:

Civil Engineer No. 32396, California 1981

Experience:

Mr. Johnson is a designated expert for purposes of water system and water rights evaluation and appraisal. This includes qualification in U.S. Federal Court as an expert under the Daubert rules of qualification. He has provided expert witness testimony on water system/water rights condemnation actions, groundwater contamination cases, and flood damage evaluations and assessments. Mr. Johnson's expertise has supported numerous water systems and water rights transactions and settlements. He has also provided expert witness testimony of the impacts and decision-making associated with water supply contamination, before the California Public Utilities Commission, Administration Law Judge.

Mr. Johnson is the designated "Project Engineer" for implementing cleanup of the largest groundwater contamination site in the nation, under the U.S. Environmental Protection Agency's Superfund Program. Under this assignment, Mr. Johnson coordinates with the U.S. EPA, six different water purveyors, the Main San Gabriel Basin Watermaster, the San Gabriel Basin Water Quality Authority, and numerous Responsible Parties and their engineering/legal representatives. This assignment has a current value of \$250 to \$300 million and will produce over 35,000 acre-feet of treated, potable groundwater annually. Mr. Johnson's responsibilities include all phases of project planning, financing, coordination, regulatory compliance, design, contract solicitation, construction management, operations, and performance monitoring for contamination plume control and cleanup.

As a predecessor to this assignment, Mr. Johnson supervised the planning, design, construction, operations, and regulatory approval of the first groundwater treatment facility in the United States to successfully treat for Perchlorate and N-Nitrosodimethylamine (NDMA) for potable consumption. This facility was also the first groundwater treatment facility to be permitted for drinking water supply under the California Department of Public Health Policy 97-005 for impaired water supplies.

Mr. Johnson represents several prominent water agencies as "Engineer." These agencies include the Main San Gabriel Basin Watermaster, the Upper San Gabriel Valley Municipal Water District, the San Gabriel Valley Municipal Water District, and the San Gabriel Basin Water Quality Authority. Typical assignments include safe yield studies, groundwater contamination characterization and remediation, design, construction management, rate assessment, water supply studies, and reports to the Board.

Since the early 1980s, Mr. Johnson has been heavily involved with engineering solutions to contamination of drinking water supplies. This work involves a wide range of experience and expertise, including site and regional characterization of soil and groundwater contamination, hydrogeologic studies, groundwater basin modeling, development of cleanup and water supply plans, remediation studies, development and full implementation of treatment projects, and coordination with all regulatory agencies. The contaminants of concern include volatile organic compounds (VOCs), Perchlorate, NDMA, 1-4-dioxane, Chromium and others. This work has been performed in full cooperation with the U.S. Environmental Protection Agency, the State Department of Toxic Substance Control, the Department of Public Health, the State Water Resources Control Board, and the Regional Water Quality Control Board.

The following projects are representative of Mr. Johnson's experience:

City of Los Angeles, Department of Water and Power, Supplemental Water Study.

City of Los Angeles, Department of Water and Power, continuing studies on Hoover Dam Power Contracts.

Upper San Gabriel Valley Municipal Water District

- Supervision of District Engineering Duties
- Area Wide Water Quality Monitoring Plan
- AB 1803 Water Quality Monitoring Plan
- AB 797 Water Conservation Plan
- Feasibility Studies - Use of Reclaimed Water
- Supervision of EPA Superfund Sub-Contract
- Drought Studies
- Puente Hills Landfill Investigation
- District Mapping
- Reclaimed Water Study

San Gabriel River Watermaster, Supervision of Office Duties to Watermaster.

East Pasadena Water Company, Design of Water Main Extensions for Fire Service.

Kaiser Steel, Valuation of Water Related Holdings at Fontana Plant.

City of Bakersfield

- Design of Turnout Structure - Kern River
- Design of Turnout Structure - Canal
- Water System Master Plan
- Review of New Development Plans
- Design of Box Culvert
- Acquisition of New Facilities
- Water System Operations Study

Santa Ynez River Water Conservation District

- Design of Reservoir Renovation
- Design of Lake Cachuma Intake Facility
- Design of Well Fields (6.0 cubic feet per second (cfs), 4.0 cfs and 1.73 cfs)
- Design of Booster Station
- Administration of State Loan and Grant
- Supervision of Cathodic Protection
- Design of Well No. 15 Pumping Equipment
- Lake Cachuma Intake Maintenance
- Zone III Reservoir Design
- Cachuma Pipeline Rehabilitation
- State Water Project (SWP) Facilities Design

City of Solvang

- Design of Wells No. 7 and 8 Water Supply

San Gabriel Valley Municipal Water District

- Feasibility Study Hydroelectric Generation Stations
- Continuing Developer Interaction Responsibilities
- Supervision of Periodic Pipeline As-Built Updates
- Feasibility Study and Acquisition for Turnout Structure
- Transmission Pipeline Rehabilitation Project
- State Water Project Entitlement Report
- Urban Water Management Plans
- Pipeline Extension Project

STEPHEN B. JOHNSON, P.E.

MANAGING PRINCIPAL, VICE PRESIDENT

City of Industry, Master Plan Development

Main San Gabriel Basin Watermaster

- Supervision of Engineering Duties
- Basin Water Quality Studies
- Basin Modeling
- Enforcement of Pumping Control
- Operable Unit Cleanup Plans
- Baldwin Park Operable Unit (BPOU) Cleanup Project
- Full Compliance Permitting

Puente Basin Watermaster, Supervision of Engineering Duties

Buellton Community Services District

- Water System Design
- Sewer System Design

City of Torrance, Feasibility Study on Hydroelectric Generation

Mr. Riley Metz, Site Drainage Study and Improvement

Mr. Redmond, Flood Damage Study

Boy Scouts of America, Flood Damage Study

Rapid Transit District, Waste Discharge Study

Mr. Lapin, Flood Damage Study

U.S. Department of Navy, Camp Pendleton

- Water System Study
- Water System Design

City of Claremont, Representative on Proposed Quarry Development

Cabazon Water Company, Valuation Study

HLM Water System, Valuation Study

Citizens Utilities Company, Valuation of Jackson Water Works

County of San Bernardino, Safe Yield Study

Walsh v. State of California, Flood Damage Study

Three Valleys Municipal Water District, Subagency Report

Morongo Water System, Valuation Study

La Quinta Water System, Valuation Study

City of Ontario, Flood Damage Study

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Serrano Park Homeowners Association, Flood Plain Improvements

California Department of Fish and Game, Valuation of Water Rights at Indian Joe Spring

Sunnymead Ranch Lake Reconstruction

City of Livermore and California Water Service, Trade of Service Areas – Arbitration

Sparkletts Water, Water Supply Study

Cancun Racquet Club, Subsidence Evaluation

East Highlands Ranch, Water Rights and Consultation Work

Covina Irrigating Company Valuation

Hartman Farms (Ohio), Coordination of basin recharge with rock and sand operations

Turner Ranches Valuation of Sanitary System

City of Barstow

- Water Rights
- Mojave River Water Quality Evaluations
- Contaminant Investigations

City of Glendora, Conjunctive Use Study

Lewis Homes Management Corp., Water Resources and Supply Studies

City of Oceanside Water Resources Study

City of Upland, Water Rights Evaluation

San Gabriel Basin Water Quality Authority

- Consulting Services
- Arrow Well Project
- Big Dalton Project
- Monrovia Project

City of Bullhead City, Wastewater Treatment Plant Evaluation

Azusa Valley Water Company Valuation

American Water Works, Well Design

City of Covina, Valuation of Covina Irrigating Company

Suburban Water Systems, Valuation of Facilities

City of Whittier Urban Water Management Plan

Lewis Homes, Monrovia Nursery Water Resources

Beverly Acres Mutual Water User's Association Valuation

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Southern California Water Company, Staff Projects

City of Oceanside - Water Resources Study

Prado Dam Flood Damage - Perrizo

Chino Basin Watermaster - Engineering

Santa Margarita Water District - Appraisal

San Gabriel Valley Water Co. v. Sanitation Districts

Tri-Cities/Camp Pendleton - Economic Evaluation of Conjunctive Use Water Supply Project

Three Valleys Water District - General Engineering

San Gabriel River Water Committee - General Engineering

City of Beverly Hills - Water Distribution System Analysis

Valley County Water District - Urban Water Management Plan

Valley County Water District - General Engineering

Montebello Land and Water Company

City of Oceanside - Water Rights and System Modeling

City of Oxnard - Water Quality

Raymond Basin - Perchlorate Study

Star Kist Foods - Water Rights Evaluation

Orange County Water District - Prado Basin Constructed Wetlands

East Highlands Ranch - Water Supply

Elsinore Water District Well Interference

La Puente Valley County Water District Perchlorate/NDMA Facility

Tejon Ranch Water/Sanitation

City of San Diego Studies

California Department of Public Health Permitting - Policy 97-005

South El Monte Operable Unit (SEMOU) Cleanup Plans

Golden State Water Company SEMOU Water

San Jacinto-Hemet Groundwater Management Plan

Baldwin Park Operable Unit – Groundwater Cleanup Project

San Gabriel Valley Water Company (SGVWC) – General Rate Case Filing Before the Public Utilities Commission for SGVWC's Fontana Water Company Division

People v. Rosemead

CalTrans v. San Antonio Lakes Partners, et al.

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MANAGING PRINCIPAL, VICE PRESIDENT

State of New Mexico, et al. v General Electric company

American States Water Company et al. v State of California et al., & Aerojet-General Corporation, et al.

Suburban Water Systems Rate Case before the Public Utilities Commission

PROFESSIONAL AFFILIATIONS:

American Society of Civil Engineers, ASCE

American Society for Testing and Material, ASTM (Corporate)

American Water Works Association, AWWA (Corporate)

National Society of Professional Engineers, NSPE