

# **SAN JUAN WATER DISTRICT**

Board of Director's Special Board Meeting Minutes  
February 16, 2022 – 6:30 p.m.

## **BOARD OF DIRECTORS**

Ken Miller	President
Dan Rich	Vice President
Ted Costa	Director
Pam Tobin	Director via videoconference

## **SAN JUAN WATER DISTRICT MANAGEMENT AND STAFF**

Paul Helliker	General Manager
Donna Silva	Director of Finance
Tony Barela	Operations Manager
Devon Barrett	Customer Services Manager
Greg Zlotnick	Water Resources Manager
Teri Grant	Board Secretary/Administrative Assistant

## **OTHER ATTENDEES**

Ed Childers	
Mitch Dion	
Carl Jones	
Manuel Zamorano	
Craig Locke	Sacramento Suburban Water District

## **AGENDA ITEMS**

- I. Roll Call**
- II. Board of Directors Vacancy**
- III. Adjourn**

President Miller called the meeting to order at 6:30 p.m.

### **I. ROLL CALL**

The Board Secretary took a roll call of the Board. The following directors were present in-person: Ted Costa, Ken Miller and Dan Rich. The following director was present via teleconference: Pam Tobin.

### **II. BOARD OF DIRECTORS VACANCY**

GM Helliker provided the Board with a staff report, which will be attached to the meeting minutes. He informed the Board that four resumes were received for the Board vacancy by the February 11, 2022 deadline, and each candidate resides in the District's electoral Division 5.

The Board discussed the process to interview the candidates and agreed to interview all four candidates. They selected Tuesday, February 22, 2022, at 6:00 p.m. to start the interviews. Candidates will be scheduled for half hour increments starting at 6:00 pm.

### **III. ADJOURN**

**The meeting was adjourned at 6:39 p.m.**

ATTEST:

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KENNETH MILLER, President  
Board of Directors  
San Juan Water District

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TERI GRANT, Board Secretary

# STAFF REPORT

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To: Board of Directors  
From: Paul Helliker, General Manager  
Date: February 16, 2022  
Subject: Selection of a New Board Member

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## **RECOMMENDED ACTION**

Determine the process for selection of a new Board member.

## **BACKGROUND**

Marty Hanneman resigned from his position as a member of the District's Board of Directors on January 6, 2022. On January 11, the Board decided to solicit applicants to succeed Director Hanneman, establishing a deadline of February 11, 2022, for submittal of applications. The Board identified two dates for meetings to consider the applicants, conduct interviews and make a selection – February 16 and February 22, 2022. The Board has until March 7, 2022, to make a selection, after which time the decision becomes the responsibility of the Sacramento County Board of Supervisors.

Four applications were submitted for the position prior to the deadline, all of which met the minimum qualifications of the position – being a registered voter residing within the wholesale service area of the District. The applicants are:

- Ed Childers
- Mitch Dion
- Jaason Englesmith
- Manuel Zamorano

All of these candidates reside in the District's electoral Division 5, and each has additional knowledge and experience related to utilities and water supply beyond the minimum qualifications noted above. Staff recommend that the Board interview each of these candidates as part of its consideration of a successor to Director Hanneman.

February 9, 2022

BOARD OF DIRECTORS  
San Juan Water District  
9935 Auburn Folsom Road  
Granite Bay, California 95628

**RE: REQUEST FOR APPOINTMENT TO FILL A VACANCY ON THE BOARD OF DIRECTORS**

Dear Board Members,

Please consider my Letter of Interest for Appointment to Fill a Vacancy on the Board of Directors for San Juan Water District. I believe you will find that I bring expertise and experience that will add value needed to successfully fill the vacancy. I have included a resume that summarizes my experience.

I have been a resident, registered voter, and community volunteer within the proposed Division 5 in SJWD for over 18 years and have lived in the general area for nearly 50 years. I have nearly 35 years of experience as a professional engineer and consultant as an advocate for water utility, municipal, industrial, mining, transportation, ports, and energy clients. My practice area focuses on water quality and the Clean Water Act, and have technical expertise in environmental liability and risk analyses, management consulting, litigation support, and program management relating to water resources/water quality and other environmental issues. I also bring specialized business and outreach skills relating to public sector and diverse-industry clients worldwide. Strong experience conducting business with public agencies, industry executives and legal community. I am currently working with Sacramento State University on developing, managing and implementing an municipal separate storm sewer program that addresses and protects Lower American River water quality issues.

I have endeavored to keep this letter and resume concise. If, in my brevity, I have omitted some information you would like to review or if you have questions, please contact me at (916) xxx-xxxx. I appreciate the opportunity to serve and look forward to serving with you at San Juan Water District.

Very truly yours,



Ed Childers, P.E.

Attachment: resume



**Education**

*BS, Mechanical Engineering, Sacramento State University, Sacramento, California, 1990*

**Certifications**

*Professional Engineer, #C55412, State of California.*

*Trainer of Record*

*Qualified Industrial Stormwater Practitioner*

*Qualified SWPP Developer*

*CEC Business of Design Consulting*

*Negotiation Training*

*Water Quality Laws and Audits, University of California, Davis*

*Stormwater Utility Development Training*

*California Stormwater Quality Association, 2009*

*California Stormwater Quality Association Training*

*Santa Clara Valley Urban Runoff Pollution Prevention Program*

*OSHA 40-Hour Health and Safety*

**Public Presentation and Seminars**

*Public Utility Commission – Roseville*

*Sacramento County Environmental Bar*

*All UC Campuses for The Office of The President*

*Professional Synopsis*

Ed Childers has 35 years of experience in civil engineering and environmental consulting. He is Founder and President of Clean Water Strategies Inc. Ed is a registered civil engineer with a mechanical engineering background and has extensive experience as an engineering group manager and as a state-wide practice leader. He has managed and directed multi-disciplinary activities on nearly 200 projects including many highly complex engagements. He has specific expertise in environmental liability and risk analyses, management consulting, litigation support, and program management relating to water resources/water quality and other environmental issues.

*Professional Career Highlights*

**President - Clean Water Strategies, Inc . 2016 - Present**

·Founder and Managing Principal of Clean Water Strategies Inc. Provides specialized expertise, and innovation needed to advocate for municipal, industrial, mining, waste management, transportation, ports, and energy clients. Clean Water Strategies focuses on the Clean Water Act, and technical expertise in stormwater quality, program management, management consulting, litigation support, water resources/water quality, and environmental compliance.

**Surface Water Practice Leader - Golder Associates 2012 – 2015**

Surface Water Practice Leader in California. Leveraged experience with public and private sector, and legal community clients to build strength and depth to Golder's statewide surface water practice.

**Environmental Group Manager -Kennedy/Jenks Consultants 2001 - 2011**

**Principal - Advicus Consulting 1999 - 2001**

**Senior Engineer - McLaren / Hart Environmental Consulting 1995 - 1999**

**Operations Manager/Senior Engineer - GHH Engineering 1987 - 1995**

*Client Sector Experience*

- Water Utilities and Resource Stakeholders
- Finance, Insurance, Real Estate, Legal
- Land Development
- Manufacturing
- Mining, Oil & Gas



California Water Environment Association

California Stormwater Quality Association

California Industrial Materials Association

NAVFAC

Industrial Environmental Association

California Manufacturing and Technology Association

California Marine Affairs and Navigation Conference

Council of Industries

Presidio Trust

Beal Air Force Base

Society of American Military Engineers

Truckee Meadows Stormwater Permit Coordinating Committee

Port of Sacramento Board of Directors

Port of Stockton Board of Directors

Port of Oakland

Lorman Seminars

San Francisco

San Jose

Sacramento

Las Vegas

Reno

Stockton

City Councils

Oroville

Roseville

South Lake Tahoe

- Power
- Transportation
- Waste

Relevant Experience Summary

Management Consulting: Lead analyst for a pre-corporate acquisition due diligence on behalf of a worldwide dairy organization based in Laval, France. Also lead analyst on a \$1.2 billion insurance claim relating to environmental costs at over 5,200 sites in the U.S. and Canada.

Program Management: Develops Municipal and Industrial Storm Water Management Programs to protect watersheds and lead large compliance groups.

Project Management: Managed hundreds of individual technical projects for domestic and international clients.

Practice Leader: Served as state-wide Surface Water Practice Leader

Group Management: Served as Engineering/Consulting Group Manager

Client Management: Served as client services manager and developed consulting practices.

Technical Expertise: Water resources/water quality, storm water/watershed management, litigation support, program management, environmental compliance, industrial pretreatment and water/groundwater system design.

Technical Seminar and Training Faculty/ Public Presenter: Conducted Technical seminars, public presentations, and training for City Councils, municipal staff, community groups, industry associations, military audiences, and state-wide University of California/ education sector audiences.

Community Advisory Committee and Technical Subcommittee Leader and Participant: Coordinated collaborative engagements between regulators, citizens, professional advisory councils, industry, municipal and other stakeholders.



## RELEVANT PROJECT EXPERIENCE

**Regulatory Audit;  
Cal American Water  
Monterey, California**

Audit Team Leader for a regulatory audit of water and waste water operations within Monterey County. The regulatory audit addressed a wide range of regulatory issues as related to applicable Federal and State of California regulations at over 20 facilities. The audit scope included the Clean Water Act, Safe Drinking Water Act as well as other specific regulatory programs. Worked with District management and staff to develop a strategy to achieve the audit objectives. Provided a daily debriefing to the management team and a comprehensive summary of audit findings at a closing conference. Worked with the District to identify workable approaches to address regulatory, institutional and operational concerns.

**Environmental Liability  
and Risk Analysis  
Multiple Clients**

Lead analyst on scenario analysis and assessing potential environmental liabilities and risks associated with legacy and operational issues including a corporate acquisition of a California cheese processing company on behalf of a worldwide dairy organization based in Laval, France. (\$15 million in potential environmental liabilities. a valuation of potential environmental liabilities associated with a major ranch property to establish the net worth of the ranch estate., in Northern California.

**Insurance Claim  
Environmental Cost  
Audit, Confidential  
Client  
United States and  
Canada**

Lead analyst on a \$1.2 billion insurance claim relating to environmental costs at over 5,200 sites in the U.S. and Canada. Part of settlement negotiations between a major oil company and insurers. This matter required a comprehensive review of the claimant's procurement policies and procedures, an assessment of an extensive cost database, and design of a defensible audit strategy. The results were extrapolated to the entire claim.

**Carbon Capture and  
Storage Regulatory  
Representation, Major  
Energy Client  
California**

Represented a confidential major energy client and interfaced with USEPA, state and local regulators to establish a new regulatory framework relating to permitting of a cutting edge large scale carbon capture and storage technology in California. No previous permits had ever been issued in California and the regulatory framework was largely undeveloped.

**Municipal Stormwater  
Management Program  
Development; Multiple  
MS4 Clients  
California and Nevada**

Project manager for development of Stormwater Management Programs for various municipalities under Phase I and Phase II MS4 Permits Including Cities of South Lake Tahoe, Roseville Reno/Sparks, and multiple special districts. Minimum Control Measures were developed in coordination with Citizen's Advisory Councils, City staff, and other stakeholders. Program financing recommendations were based on benchmarking, staffing analyses and program costs. Public participation was addressed during City Council and Public Utility Commission meetings.



**Master Planning;  
City of  
South Lake Tahoe,  
California**

Master Planning effort addressing an updated Capital Improvement Program (CIP) and development of funding options and strategies for the Municipal Separate Storm Sewer System (MS4). Key components of the plan included an integrated strategy for stormwater management that enabled the City to meet the community need to manage drainage flows, the community goal for regulatory compliance, and the community desire to improve the quality of the stormwater discharges to Lake Tahoe. The Plan was further complicated due to the concurrent development of a Total Maximum Daily Load for nutrients and fine sediments in Lake Tahoe.

**Structural Controls /  
LID Design Manuals ;  
for New Development  
and Redevelopment;  
Cities of Reno,  
Salinas, Sunnyvale  
California**

Project engineer for development of a handbook based on California State Best Management Practices (BMP) and Santa Clara Valley Urban Runoff Pollution Prevention Program handbooks. Utilized a Geographic Information System (GIS) map to identify critical areas of groundwater, soil types, drainage basins, and land use factors impacted by on-site infiltration of stormwater. Reviewer for Structural Controls Design Manual and Low Impact Development (LID) Handbooks. These handbooks provide regulatory information, Best Management Practices (BMPs), sizing criteria, and technical design guidance for source and treatment controls.

**Water Quality  
Regulatory Advice,  
City of Oroville  
Oroville, California**

Regulatory advice in support of potential litigation to the City of Oroville relating to a permit negotiation with Department of Water Resources (DWR) concurrent with Federal Energy Regulatory Commission (FERC) reauthorization and standards development. The client was faced with a perpetual indemnification of DWR for future water quality impacts which went significantly beyond the client obligation under the Clean Water Act.

**Group Management;  
Union Pacific  
Sacramento, California**

Group manager for lead organization responsible for a 50-site program for a major railroad client. Provided key technical support and coordinated multidisciplinary staff implementing numerous task orders related to site investigations, feasibility studies, and remedial actions primarily in the western states.

**Receiving Water  
Study; Port of  
Sacramento  
Sacramento, California**

Study to evaluate the water quality and ecological impacts of the Port's discharges to a deep ship channel and turning basin. Hydrologic analysis, Hydrodynamic (WASP5) and stormwater quality (SWMM) models were used to evaluate mixing zones, eutrophication, and chemical fate and transport scenarios. The feasibility of utilizing constructed wetlands as a mitigation alternative was evaluated and adopted based on recommendations.

**Structural Best  
Management Practices  
Efficiency Study; City  
of Chico,  
Chico, California**

Project engineer for a grant-funded study utilized the American Society of Civil Engineer and the U.S. Environmental Protection Agency' Best Management Practices (BMPs) evaluation protocol to assess the performance of BMPs, including factors such as siting, design, and maintenance.



**Alternatives Analysis  
and IRAP;  
Municipal Water  
Agency Group**  
Santa Clarita, California

On behalf of a group of municipal water agencies whose wells were impacted with various chemicals including perchlorate, prepared an Alternatives Analysis and Interim Remedial Action Plan consistent with the National Contingency Plan and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Technologies were screened and alternatives were developed to meet the remedial action objectives. A detailed analysis was conducted on ion-exchange, a fluidized-bed bioreactor, and blending alternatives.

**Water Supply Pipelines  
and Pumping Stations;  
Mutual Water Company**  
Santa Clara County,  
California

Managed, designed, permitted, prepared bid documents, and provided construction management for a 21,000-foot water supply pipeline and five pumping stations and a 5,200-foot water supply pipeline and pumping station for mutual water company clients.

**Air Stripping Tower,  
Citizen's Utilities Co.**  
Sacramento County,  
California

Designed and directed implementation of a 4,000-gallon per minute, counter current-packed air stripping tower project for removal of methane from municipal potable water supply system.

**Leachate Treatment  
System Alternatives  
Analysis; Nevada  
County Solid Waste  
Division**  
Butte County, California

Analysis of existing leachate quantity and quality data to assess the regulatory significance and determine if data gaps exist. Evaluated leachate reduction alternatives including segregation of stormwater, diversion of groundwater, and on-site treatment alternatives. Participated in discussions with regulatory agencies to ensure buy-in of the preferred alternative and to obtain tentative approval and or agreement from the Regional Water Quality Control Board.

**Alternatives Analysis;  
Pacific Ultrapower**  
Northern California

Evaluated conveyance, routing, and storage alternatives for both process wastewater and stormwater management; and interfaced with the Central Valley Regional Water Quality Control Board on the National Pollutant Discharge Elimination System (NPDES)/Title 27 issues faced by a 22.5-megawatt power generation plant.

**Waste Discharge  
Compliance; Crescent  
City Harbor District**  
Crescent City, California

Project engineer for responding to a Waste Discharge Requirements compliance issue for a fish processing wastewater treatment facility that serves fish processors in the Crescent City Harbor District. The facility experienced chronic violations of effluent limitations and other technical violations of the National Pollutant Discharge Elimination System (NPDES) permit. Evaluated the plant's wastewater system and process water treatment/discharge alternatives in response to an Administrative Civil Liability order from the Regional Water Quality Control Board.

24 January 2022

Ken Miller, President of the Board of Directors  
San Juan Water District  
9935 Auburn-Folsom Road  
Granite Bay, CA 95746

Subject: Vacancy for the Board of Directors

Dear Mr. Miller and Board Members,

In response to the notice of vacancy, I am enthusiastic to be considered to fill the vacancy and complete the term of office. With over 40 years of public service managing and overseeing utilities and public works, I offer a unique perspective for policy decisions and a commitment to our community. Proven leadership in both private and public sectors, I have demonstrated the ability to work collaboratively and the fluency to navigate political processes.

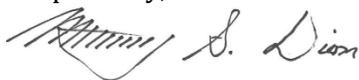
Strategic perspective with local focus, my experiences encompass working water issues throughout the western U.S.; building teams, partnerships and consensus; emerging as a leader on complex public policy issues. Familiar with the role of board members, as a founding member and a past chairman of the Sacramento Groundwater Authority, I was instrumental developing groundwater policies and conjunctive use for the region. Moreover, was the originator and author of the federally recognized water bank concept which is one of the primary objectives of the regional effort today. I have been an active participant in the Water Forum and Executive Committee Member of the Regional Water Authority. I served as a Board member for the ACWA/JPIA, familiar with the programs and proceeding and had frequently attended their executive committee meetings. I have served on the Board of Directors for the San Diego County Water Authority and led their successful water planning efforts. I am cofounder of CSU San Marcos program to develop ethical and high performing Utility Executives. Additionally, I served as an Alternate for the Sacramento Area Council of Governments and was on the Board of Directors for the Carson Area Metropolitan Planning Organization and North County Economic Development Council in San Diego. Currently, I volunteer and participate in local creek and trail clean-up activities.

I have prepared myself for this role by monitoring the efforts in many of the water related events in the region, including the RWA, SGA and Water Forum. Moreover, I have worked for several local agencies and have solid understanding of their resources and objectives. I am committed to local and regional objectives and often represented those perspectives in Southern California agencies and forums. I often attend meetings of interest to the American River including PCWA, NID and EID.

Recently retired, I was a contributing and visible member of ACWA/CSDA/League of Cities, leading policy development and legislative affairs addressing headwaters and land-use to enhance water resources and economic development in the watershed. I am committed to ensuring sound governance policy to enhance transparency, stewardship, and fiscal discipline.

I will bring the ability; energy and commitment to support the community. Thank you for considering my application.

Respectfully,



Mitchell S. Dion  
xxxxxxx, Folsom, CA 95630  
(xxx) xxx-xxxx cell

## **Mitchell S. Dion**

*Innovative, politically astute, and agile policy maker with extensive leadership experience embracing fiscally sound, measured and responsible solutions. Grounded by proficiency, Inspired by a keen interest in people.*

### **30 years of Leadership Experience in Senior Levels of Water Industry (public and private sector)**

#### **20 years Manager of Water Agencies**

#### **10 years overseeing County and Municipal Public Works and Planning Activity**

- Executive level management of large and small agencies from Special Districts, Municipal, County, State and Federal Government
- Oversight Board experience for Public Agencies and Private Corporation
- Effectively negotiated and managed O&M contract water & wastewater services for several mid-sized and large cities; including Seattle, Phoenix, Stockton and Houston
- Optimized processes, provided guidance and policy as necessary across all functional areas to plan, organize and execute the business and operational objectives achieving fiscal goals
- Led technical assessments and develop system operations plans for treatment, distribution and collection systems
- Engaged with elected officials and public agency personnel enhancing planning and service delivery
- Elected as Chairman Sacramento Groundwater Authority and Executive Board for the Regional Water Authority
- Improved rapport with other major water agencies, pursuing collaborative enhancements to the water supply
- Addressed complex regulatory and litigation issues resulted from contaminated ground water supplies
- Participated on RWQCB committee for Basin Plan amendments to facilitate the use of recycled water and conjunctive use of the groundwater basin
- Managed complex water rights portfolios and successfully initiated petition for new surface water rights

### **Successful Military Career**

#### **12 years managing military bases, communities, and ancillary functions**

#### **10 years leading engineering, utilities and operational support**

- Led DOD Award Winning Installation Excellence Recognition for Base operations in multiple years
- Successful collaborative approach working with NGO and other stakeholder groups
- Managed several large environmental remediation projects and implemented a reclaimed water project for aircraft hangar deluge system and golf course irrigation
- Successful within California Legislature to modify the proposed designation for the Walker River to Wild and Recreation mitigating impacts to military training and base operations
- Implemented a cutting edge private venture capital project to provide additional military housing
- Led development of a competitive bid for service functions in the Commercial Activities program

### **Legislative**

#### **State of California**

- Awarded for innovative work with State Agencies as staff member to California Defense Retention Council (BRAC)
- Generated handbook to guide communities and base planning efforts for Governor's Office of Planning and Research
- Introduced integrated strategy for six western states to leverage verse complete for mission (retaining bases)
- Acquired in-depth knowledge and practical experience in California and Federal environmental regulatory programs

### **Professional Education:**

M.S. Systems Management- R&D, School of Engineering

University of Southern California, Los Angeles

B.A. Environment Studies, California State University

Sacramento

A.A. General Ed/Science

American River College, Sacramento

#### **Volunteer:**

SJUSD, Environ Ed, Camp Winthers

Sacramento Creek week

San Diego – Clean San Diego Beach and Creek clean-up

#### **Memberships:**

Member AWWA, WEF, AWRA,

Former Board Member: San Diego County Water Authority (Chairman Water Supply Planning Committee)

Former Board Member: N.County Econ Development Council

Former Board Member: CAMPO

Former Director JPIA (ACWA/JPIA)

Former Director Regional Water Authority

Former Chairman Sacramento Groundwater Authority

Former President Council of Water Utilities

**Subject: Letter of Interest - Board of Directors**

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February 1, 2022

Attn: Teri Grant  
Board Secretary  
San Juan Water District

9935 AUBURN FOLSOM ROAD,  
GRANITE BAY, CA  
95746

Dear Secretary Grant and the Board,

I am responding to your posting about the vacancy on the Board of Directors for the San Juan Water District. I believe I am in a unique position to help you and the District over the next 10 months.

Since moving to Folsom (American River Canyon) in October 2020, I have been looking for opportunities to get engaged in the local community. Having spent the last 20+ years helping utilities around the world improve both their operations and their customers' experience, I am very interested in applying my expertise to help the water district that serves my own community.

I have enjoyed reading *150 Years of Water* and am amazed by the history of the District, dating back to the 1800's! I am eager to get to work and help ensure that this legacy is solidified well into the future. As my resume highlights, my experiences and expertise cover a wide range of operational and customer facing activities including asset management, alternative financing and Federal funding, large capital improvement projects, technology and data-enabled solutions, non-revenue water reduction, organizational development, stakeholder engagement, and others.

As a member of the senior leadership team at Jacobs, I have prepared and delivered many presentations to Boards, City Councils, and Advisory Committees for programs in California and abroad. I understand the necessary technical details but also have an appreciation for public perception. I believe my background, expertise, and approach to problem solving make me the best choice to fill the vacancy on the Board for the remaining 10-months of the 2018-2022 term.

I am attaching my resume for your consideration and look forward to speaking with you more about this exciting role.

Yours sincerely,



Jaason Englesmith  
Senior Director, Jacobs

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XXXXXX  
Folsom, California  
95630

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M +1 (916) xxx-xxxx  
xxx.xxx@xxxx.com

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# Jaason Englesmith

xxxxxx, Folsom, CA, 95630 | (916) xxx-xxxx | xxxxx@xxxx.com

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## Summary Biography

Mr. Englesmith is an experienced strategy and transformation leader with extensive water utility experience and broad business and technology background. He is focused on solving his clients' most challenging problems by creating real change through people, process, and data to create a more connected and sustainable world. He explores the potential of technology-enabled solutions to re-imagine operations, to deliver the next generation of services, to optimize the use of resources, to improve the sustainability and resiliency of communities, and to lead the transition to a low-carbon future. He has led diversified global teams in the areas of innovation strategy and management, accelerators and incubators, digital advisory and transformation, commercialization of products and services, as well as platform strategy and development.

## Education and Qualifications

- Utility Rate Setting Certificate, National Association of Regulatory Utility Commissioners, 2011
- Mathematics and Economics, Occidental College, 1998

## Memberships and Affiliations

- Big Data Advisory Board Member, San Francisco State University
- Big Data Advisory Board Member, Rutgers University
- American Water Works Association (AWWA), California-Nevada Section Member
- AWWA Customer Metering Practices Committee Member
- AWWA Meter Data Analytics subcommittee Member
- AWWA AMI Systems Technology subcommittee Member

## Representative Project Experience

### Smart Metering Deployment, San Jose, CA, San Jose Water Company, Project Director, Jan 2022 to current

Mr. Englesmith is the program director for the AMI deployment at San Jose Water. The team will be negotiating with the selected vendors to agree upon levels of service, schedule, and cost prior to deploying 230,000 meters. The team will ensure benefits realization by leveraging data collected by the new system to develop actionable insights to improve operations as well as the customer experience.

### Revenue Assurance Assessment, Miami, FL, Miami Dade WASD, Senior Advisor, Oct 2021 to current

Mr. Englesmith is currently helping Miami Dade County Water and Sewer District (with 450,000 meters) understand opportunities for revenue enhancement including irregular use identification (for stuck, stopped, theft, and meter tamper), meter reading and billing process improvement, and water audit to identify trends in their specific sources of non-revenue water.

### Pure Water Program, Calabasas, CA, Las Virgenes MWD, Economic Advisor, Apr 2021 to current

Mr. Englesmith is the economic advisor for the Las Virgenes – Triunfo Joint Powers Authority (JPA). The JPA is planning to expand its efforts to beneficially use recycled water to improve local water supply reliability and drought resilience, and effectively eliminate discharges to Malibu Creek during non-irrigation seasons. Mr. Englesmith and his team are using the TACT economic modelling platform to manage complexity and give the decision makers and other key stakeholders the confidence to move forward with the program.

### AMI Implementation, Santa Cruz, CA, City of Santa Cruz, Project Manager, May 2018 to current

Mr. Englesmith and his team provided the business case evaluation for the City of Santa Cruz and their AMI program for approximately 25,000 customers in Northern California. The city approved a project to upgrade from their existing AMR system to AMI and Mr. Englesmith developed the implementation strategy and RFP

documents. The city took an innovative approach including requirements to hire local labor; leveraging the project to reinvest in the local economy after the impacts of the COVID-19. Mr. Englesmith and the team are now providing oversight of implementation, including both organizational and digital transformation to make sure the target benefits are realized.

#### **Clean Water Program, San Mateo, CA, City of San Mateo, Economic Advisor, Dec 2014 to Nov 2020**

Mr. Englesmith was the economic advisor for the City of San Mateo's \$1 billion wastewater treatment plant and conveyance upgrade program. Mr. Englesmith and his team were able to demonstrate an overall savings of \$250 million using an optimization algorithm as part of the TACT modelling platform, while achieving recycled water goals 10 years sooner and saving customers 30% overall. Mr. Englesmith also served in a senior advisor role and his team was responsible for developing applications for California State Revolving Fund (SRF) loans as well as an application for a Water Infrastructure Finance and Innovation Act (WIFIA) loan to supplement traditional bond financing, saving the City more than \$400 million in total cost.

#### **Billing System Upgrade, Fort Lauderdale, FL, NMB Water, Senior Advisor, Jul 2017 to Dec 2019**

Mr. Englesmith was the senior advisor for the \$250 million water and wastewater CIP implementation program. As part of this program, he provided implementation oversight for a new Microsoft SQL server-based billing and customer information system (Harris Impresa) that will replace a legacy IBM Informix-based custom system, which had reached end of life. As part of this effort, the team also implemented process improvements and best practices for monitoring and maintaining the new Itron AMI system.

#### **Senior Advisor; Environmental Protection Agency; Washington, DC.**

Mr. Englesmith was a senior advisor and contributor in the development of a published EPA technical report that identified technical hurdles, assessed the existing capabilities of utilities, and conveyed contamination scenarios, case studies and equipment types, for the use of Automated Metering Infrastructure (AMI) to augment Surveillance and Response System (SRS) data and procedures.

#### **Senior Advisor; LA County Metropolitan Transportation Authority; Los Angeles, California.**

Mr. Englesmith is a senior advisor responsible for deploying the TACT economic modelling platform for alternatives analysis, economic decision support, and optimization of a multi-billion-dollar, long-term capital improvement program. The model will allow the Authority to understand the impact of tolling levels on revenue generation given demand elasticities and truck value of time and gives decision makers confidence in their understanding of the full economic landscape.

#### **Senior Advisor; Wichita Public Works & Utilities; Wichita, Kansas.**

Jaason was the senior advisor for Wichita's Strategic Asset Management program. Jaason's economic model approach was chosen over other decision support tools from Goldman Sachs and Table Rock Capital because of its ability to allow the client to look at the overall economic impacts of several different capital scenarios and maintenance strategies. The model was used to optimize the funding for the City's \$1.7 billion CIP and to ensure maximum risk reduction. It was also used to identify and quantify the need to raise revenue, in the case of a shortfall for either must-fund projects or total need.

#### **Senior Advisor; California Department of Water Resources; Sacramento, California.**

Mr. Englesmith helped to manage approximately \$50 billion of infrastructure projects for both the Central Valley and State-wide flood protection programs. TACT was used to help manage complexity and understand the impact of uncontrollable variables throughout this massive multi-decade program. Some of the benefits included a better understanding of the funding sources, amount of investment required, prioritization of those investments, benefits realization, and tracking. The model provided fully integrated scenario analysis during the planning and implementation phases.

### **Senior Advisor; Anchorage Water and Wastewater Utility; Anchorage, Alaska.**

Mr. Englesmith worked closely with AWWU to develop a decision analysis model in support of various treatment options for liquid waste (septage) in Anchorage. Having been stymied by thousands of potential outcomes and hundreds of unknowns, the Utility was frustrated by the continued issues they were having with septage treatment. Mr. Englesmith worked with the client in a workshop setting to focus the discussion on likely outcomes of each alternative and anticipated benefits. The results of this approach helped to agree on a viable alternative and to build a strategy to move forward successfully.

### **Strategy Lead; City of Fresno; Fresno, California.**

Mr. Englesmith helped design and implement the Metropolitan Water Resources Program for the City of Fresno. The TACT modelling platform was used to explore various options and related affordability of their 10-year, \$1.2 billion program. The model incorporated user input for growth rates, customer demand, bonding scenarios, interest rates, cost loaded schedules, as well as program specific binary and scale-defined options. Outputs were calculated in real-time and displayed on the dashboard, based on the specific scenario definition, and include target thresholds for metrics such as liquidity (days of cash) and debt coverage ratios. An unexpected benefit of TACT was the ability to understand the funding impact when rates were repealed, and then to support development of new rate alternatives based on various program sizes and structures. Continuing to leverage the tool, the Water Division customizes program delivery to ensure affordability under a range of rate-setting realities.

### **Business Case Lead; San Diego Public Utilities; San Diego, California.**

Mr. Englesmith worked with PUD to support their Fats, Oils, and Grease (FOG) feasibility analysis and business case evaluation. Inclusion of FOG and food waste in anaerobic digestion would accelerate solids digestion, extend time required between digester cleaning, produce more methane gas for beneficial use and reduce the amount of solids waste conveyed to the landfill. This extended operation time resulted in a reduction in digester operation costs and maximized the energy recovery value of the digesters. Public Utilities Department utilized the gas produced in co-digestion for renewable energy projects. This type of energy production directly offset GHG emission and helped meet the requirement set forth in the City's Climate Action Plan.

### **Lead Developer; Water Research Foundation; Denver, Colorado.**

Mr. Englesmith designed and developed the self-assessment benchmarking tool for the 10 attributes of Effective Utility Management (EUM). The tool is dynamic and fully customizable, so each organization will be able to "turn-on" and weight the criteria that are important to them. The tool provides a gap analysis of the Utility's performance against their targets to help identify strategies to narrow the priority gaps over time. The tool was piloted with a group of 40+ utilities and the Water Research Foundation released the tool to the public in January 2014.

### **Business Intelligence; Pacific Gas & Electric; San Francisco, California.**

Mr. Englesmith led a team to assess and transform the regulatory relations department at PG&E. Through extensive 360 degree internal and external interviews and a best-practice and staffing benchmarking assessment, several areas of improvement were identified. An improved governance process was established to include resource and work management, along with supporting IT tools to enable tracking of work in progress and staff utilization. In addition, a data warehouse solution with an advanced analytical engine was considered to centralize critical data and analysis for the General Rate Case and other filings. Identified benefits included a reduction of approximately 50 FTEs with a recurring annual savings of \$5 million.

### **Business Intelligence; Southern California Edison; Rosemead, California.**

Mr. Englesmith managed the reporting process for \$160 million in costs associated with the implementation of Direct Access under cost recovery mechanism §376 (related to Y2K). He designed a cost-tracking and reporting model that effectively reduced the monthly reporting cycle time from 2 weeks to less than 3 hours,

resulting in an annual savings of two FTEs. By reclassifying and allocating shared-services costs, the client was able to achieve savings of more than \$7 million.

### Published Papers and Presentations

- 2021 Keynote Address to the Queensland Water Directorate Annual Forum in Brisbane, Australia: "Solving Water."
- 2021 Presentation at the Utility Management Conference in Atlanta, GA: "It makes cents."
- 2021 Webinar for the Water Services Association of Australia, Metering Community of Practice: "Digital Metering Overview."
- 2020 Webinar for the AL-MS Chapter of AWWA, "Unlocking the Value of AMI."
- 2020 Jacobs in the kNOW Webinar, "Smart Metering: Implementation Management."
- 2020 presentation for Water Online, "Unlocking the Value of Smart Metering for Water Utilities." <https://www.wateronline.com/doc/unlocking-the-value-of-smart-metering-for-water-utilities-0001>
- 2018 Presentation at the South Carolina Environmental Conference in Myrtle Beach, FL: "Envisioning the Future."
- Contributor to EPA document, "Guidance for Designing Communications Systems for Water Quality Surveillance and Response Systems" [https://www.epa.gov/sites/production/files/2017-04/documents/srs\\_communications\\_guidance\\_081016.pdf](https://www.epa.gov/sites/production/files/2017-04/documents/srs_communications_guidance_081016.pdf)
- Presentation to Delaware City Council, "Meter Automation for City of Delaware"
- Fargo Flood Diversion Article, "Funding Model Helps Provide Answers"
- Co-Author and creator of EUM tool, "Performance Benchmarking for Effectively Managed Water Utilities" <http://www.waterrf.org/Pages/Projects.aspx?PID=4313>
- Author, "Improving the effectiveness of energy conservation with EUI based energy targets"

January 17, 2022

Re: Letter of Interest to fill the San Juan Water District Board of Directors vacancy.

Attention: Teri Grant Board Secretary, P.O. Box 2157, Granite Bay, CA, 95746

To: San Juan Water District Board of Directors.

My name is Manuel Zamorano and I am a registered voter living within the San Juan Water District wholesale water service area, at 155 Judah Court, City of Folsom. I have been a continuous resident and customer for approximately 34 years.

If appointed replacement Director I would like to assist the Board in maintaining San Juan's excellent service, great water quality, while at a reasonable price. I often brag to visitors about our water quality which has constantly been maintained over the years.

Attached is my resume. I would like to focus attention to the areas of experience I think would be most helpful to San Juan. I held the position of Lobbyist in Sacramento for Southern California Edison Company for approximately 20 years. This provided years of learning the utility industry; preceded by ten years as Senior Consultant to Senator Russell and Senator Montoya in the California State Senate. I am very knowledgeable regarding the legislative process.

I look forward to the opportunity to service on the Board.

Manuel Zamorano

xxxx

Folsom, CA, 95630

(916) xxx-xxxx

# RESUME

## PERSONAL

Manuel Zamorano

XXXX

Folsom, CA 95630

## EDUCATION

**Juris Doctor**, Hasting College of the Law, San Francisco, Class of 1979

**Bachelor of Arts Degree, History**, University of California, Los Angeles,  
Graduated, June 1975, Cum Laude.

## PROFESSIONAL PROFILE

Success oriented with high energy... Positive attitude with optimistic leadership approach...Strong sense of responsibility and self motivation...Excellent communication skills...Great team builder, leader and player abilities...

## QUALIFICATION SUMMARY

Over 19 years experience as a Registered Lobbyist with the State of California employed by Southern California Edison Company communicating with Legislators, staff and State agencies on a variety of key industry changing legislation. Highly skilled in analyzing, passing and defeating legislation and offering viable alternatives. Obtained a complete and comprehensive working knowledge of the legislative process with extensive experience drafting, shepherding and directing legislation through the legislature as a Senior Consultant to the California State Senate for eight years.

## PROFESSIONAL EXPERIENCE

**Southern California Edison Company** \_\_\_\_\_ **August 1991 - October 2010**

**Lobbyist** - Effectively advocated company positions before legislative, regulatory and executive agencies. Principally responsible for analyzing key legislation, formulating company positions and strategies, reconciling goals and objectives among competing interests, and communicating



## **Lobbyist Regulatory & Legislative Policy**

A company lobbyist is responsible for analyzing policy implications of key regulations and legislation, formulating company positions and strategies, reconciling goals and objectives among competing interests, building broad-based coalitions, identifying future challenges and opportunities, and communicating company positions to legislators, state agencies, and the executive office effectively and persuasively, to inform decision making to advance company business objectives.

**Policy Analysis:** Responsible for analyzing policy implications of key legislative proposals affecting the electric utility industry including rate design, consumer protection, direct access, resource adequacy, energy efficiency, renewable energy, combined heat and power, net metering, feed in tariffs, climate change, priority reserve, and transmission and generation infrastructure investment.

**Positions and Strategies:** Responsible for formulating positions and strategies, in cooperation with business units, to advance company objectives consistent with company financial, operating, and business goals, for recommendation to senior management.

**Goals and Objectives:** Responsible for reconciling business goals and objectives with competing interests effectively and persuasively through successful negotiations and consensus building to advance company interests.

**Broad Based Coalitions:** Responsible for building broad based coalitions with traditional and non-traditional allies, including consumers, environmentalists, independent power producers, energy service providers, organized labor, publicly and investor owned utilities, and federal, state and local agencies, to advance company positions effectively and persuasively.

**Challenges and Opportunities:** Responsible for identifying future challenges and opportunities, in consultation with senior management and business unit experts, and for developing creative, achievable strategies to meet those challenges and

opportunities.

**Informed Decision Making:** Responsible for communicating complex energy-related policy matters effectively and persuasively to legislative, regulatory and administrative principles, orally and in writing, to better inform decision making to advance business objectives.

**Experience Education:** Possess in depth knowledge of electric utility industry, legislative history, related regulatory proceedings, including policy, politics, processes and players. Establish and maintain productive working relationships with key internal and external audiences. Key competencies: integrity, agility.