



City of St. Helena
Special City Council Meeting
Tuesday, November 28, 2023 @ 5:00 PM
Vintage Hall Board Room - Second Floor
465 Main Street, St. Helena

PLEASE NOTE: Any person who wishes to speak regarding an item on the agenda or make a comment under the "Oral Communication" portion of the agenda may do so, but please observe the time limit of four minutes.

The City Council meeting will be live-streamed on Comcast Channel 28 and on the City's website.

Public comment for City Council meetings will be accepted via email to publiccomment@cityofsthelena.org. All public comments must be received three hours prior to the meeting. All other public comments received after the deadline will be attached to the item the next business day or soon thereafter. Public comments will not be read out loud but will be publicly available and attached to the on-line City Council agenda.

Simultaneous Spanish interpretation services during meetings can be scheduled upon request. To ensure interpreters are available, requests must be made at least 72 hours in advance by calling the Office of the City Clerk at (707) 968-2640 or emailing cityclerk@cityofsthelena.org.

The schedule of upcoming meetings and published meeting agendas can be found on the City of St. Helena website at <https://sthelena.civicweb.net/portal/>.

Servicios de interpretación en español durante la reunión pueden ser solicitados por el público. Para asegurar que los intérpretes estén disponibles, los servicios tienen que ser solicitados al menos 72 horas antes de la reunión llamando a la oficina de la Secretaria de la Ciudad al (707) 968-2640 o por correo electrónico a cityclerk@cityofsthelena.org.

El horario de las reuniones publicadas y próximas puede ser localizado en el sitio de web de la Ciudad en <https://sthelena.civicweb.net/portal/>.

Page

1. CALL TO ORDER
2. ROLL CALL
Mayor: Paul Dohring, Vice Mayor Eric Hall:, City Council Members: Anna Chouteau, Lester Hardy, Billy Summers
3. ADOPTION OF THE AGENDA
4. PUBLIC COMMENT:
Under California law, public comments at special meetings are limited to subjects on the agenda only. Therefore public comment will take place during consideration of the item. Each person's comments shall be limited to 4 minutes.
5. NEW BUSINESS:

Applicants to be interviewed:

1. Arlene Corsetti
2. Chris Warner
3. Garry Rose
4. Gary Matak
5. Gene Armstead
6. Jim Smith

Recommendation:

Conduct interviews.

[Gary Matak.Ad Hoc Water Wastewater Exploratory Com..](#)

[Gene Armstead.Ad Hoc Water Wastewater Exploratory Com..](#)

[Jim Smith.Ad Hoc Water Wastewater Exploratory Com..](#)

[Arlene Corsetti.Ad Hoc Water Wastewater Exploratory Com..](#)

[Chris Warner.Ad Hoc Water Wastewater Exploratory Com..](#)

[Garry Rose.Ad Hoc Water Wastewater Exploratory Com..](#)

6. ADJOURNMENT

The next Regular City Council meeting is scheduled for November 28, 2023, at 6:00 p.m.

This agenda was posted at City Hall, 1088 College Avenue, and at Vintage Hall, 465 Main Street, St. Helena, California on November 21, 2023.



Cindy Tzaopoulos, City Clerk

In Compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please call the City Clerk's Office (707) 967-2792. Notification 72 hours prior to the meeting as required by Section 202 of the Americans with Disabilities Act will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

Any supplemental writings or documents distributed to a majority of the City Council regarding any item on this Agenda, after the posting of the Agenda, will be available for public review in the City Clerk's Office located at 1088 College Avenue, St. Helena, California, during normal business hours and by appointment. In addition, such writings or documents will be made available on the City's web site at <https://sthelena.civicweb.net> and will be available for public review at the respective meeting.



City of St. Helena

CA-23-032

COMMISSION/COMMITTEE APPLICATION

Received Date: November 7, 2023

Application Type: Ad Hoc Water/Wastewater Exploratory Committee

NAME: Gary Matak

ADDRESS: 1330 Mitchell Drive, St. Helena, CA, USA, St. Helena, CA, 94574

PHONE: 2062407987

ALTERNATIVE PHONE: 7079633143

EMAIL ADDRESS: gmatak@hotmail.com

LENGTH OF RESIDENCY: Personally 25+ years, born & raised here

EMPLOYMENT STATUS: Retired

REASON FOR APPLYING: Very concerned with the provision of adequate/superior water services to the City of St. Helena

EDUCATIONAL BACKGROUND: St. Helena High School, California State Scholarship Federation Life Member. 1966
California State Polytechnic University, San Luis Obispo, BS Aeronautical Engineering with Honors, 1970
University of California, Santa Barbara, NASA Space Technologies Summer Institute (8 graduate credits) 1969 (while we landed on the moon)
California Institute of Technology, MS Aeronautics on full fellowship, 1971

OTHER RELEVANT EXPERIENCE: Was a business owner in St. Helena, family has lived here since 1946. complete understanding of the engineering assessments and methods used to evaluate engineering systems.

COMMUNITY INVOLVEMENT: Renewable energy expert in Wind Energy and Solar Energy.

REFERENCE 1: Name: John Sculatti
Address: 1668 Main Street, St. Helena, CA
Phone Number(s): 707-963-4468
Email: disneywops@aol.com

REFERENCE 2: Name: Mike Norman
Address: 1724 Spring Street, St. Helena, CA
Phone Number(s): 707-812-2905
Email: mwnorman6247@gmail.com

REFERENCE 3: Name: Ron Wicker
Address: 899 Dowdell Lane, Suite A, St. Helena, CA 94574
Phone Number(s): (707) 486-5800
Email: Ron@wickervineyards.com

GENERAL QUESTIONS:

Have you ever attended a meeting of the Commission to which you are applying?

Attended general meetings, not specifically this committee.

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What is your understanding of the role and responsibility of this Commission?

Assess and assist in water issues to help resolve them.

What would be your goal(s) as a Commissioner?

Assist in providing a new standard of water availability and use for the city to ease the stresses associated with this now limited resource.

Have you previously served, or do you currently serve, on a St. Helena Commission or Committee? If yes, which one(s) and for what period of time?

No previous service

Is there anything else you would like us to consider when reviewing your application?

Emphasis on a clear understanding of all of the technical principles involved in providing an excellent water system.

I agree that all of the information contained in my responses to the questions on this application are true and accurate to the best of my knowledge. I further agree that, by checking the box below and submitting this application, online or otherwise, I am affixing my digital signature to this form as of the date submitted. I also agree that if appointed, I will serve on the Commission/Committee for which I have submitted this application.

☒ I AGREE

Gary Matak

November 8, 2023

Gary Matak, Resume

Gary Matak
1330 Mitchell Drive, St. Helena, CA 94574
Cell: 206-240-7987

Background. St. Helena Native grew up on my uncles' vineyard in town and moved when it was sold to build our family home, where we currently reside. Yes, I pounded nails in this house, some successfully! We were partners in a retail business in St. Helena (Stillwaters and Reel Time) for approximately 5 years and our 3 children even attended St. Helena Schools briefly at various times. We're now semi-retired.

Education

High School: St. Helena High School (California Scholarship Federation Life Member, 1966
University: California Polytechnic University, San Luis Obispo, BS Aeronautical Engineering (with honors) 1970
Graduate School: University of California, Santa Barbara, CA, NASA Space Technology Summer Institute 1969
Graduate School: California Institute of Technology, Pasadena, CA MS Aeronautics (full fellowship). 1971

Experience (brief summary)

Renewable Energy

- Vice President Technical Sales, Vestas North America (a joint venture enabling the sale/service of Danish Wind Turbines to North America). We were the first to introduce the 3-bladed wind turbine design to North America.
- Wind Energy Consultant to the Electric Power Research Institute (EPRI)
- Design, develop, testing of Terrestrial silicon solar panel with tracking producing about \$0.08/kWh electricity (best solar resources)
- Lithium-Ion battery storage early-stage development – discovered the critical battery life shorting mechanism which, when addressed, extended battery life approximately 10X.

Aerospace Engineering

- Rocket and aircraft structural integrity determinations, including the Space Shuttle, Boeing commercial aircraft and the current F-35 and much more.
- Satellite constellations and power systems with focus on solar energy and energy storage
- UAV development. Led an engineering team to design, develop, test, certify a 76' wingspan all composite unmanned aircraft generating over \$1B in revenue. Currently in use today.
- Performed consulting services on site in: Italy, France, Germany, England, Belgium, Taiwan, Japan and New Zealand.

Civil Engineering

- Structural analysis computer program development. Managed a team (Georgia Institute of Technology) that developed civil engineering software to perform design and analysis of Steel and Concrete structures; buildings, dams, foundations etc. Taught it's use throughout the USA and it's introduction into the UK (8 month assignment)

Retail Operations and product development – St. Helena

- Developed a retail store in St. Helena called Stillwaters (in partnership), where we provided art and outdoor goods for sale including products that we designed and manufactured in the Orient (S. Korea, China, Japan).



City of St. Helena

CA-23-033

COMMISSION/COMMITTEE APPLICATION

Received Date: November 16, 2023

Application Type: Ad Hoc Water/Wastewater Exploratory Committee

NAME: Gene Armstead

ADDRESS: 1800 Main Street, St. Helena, CA, 94574

PHONE: (707) 812-4288

EMAIL ADDRESS: gene@armstead.com

LENGTH OF RESIDENCY: 36 years

EMPLOYER: Self - Professional Fiduciary

EMPLOYMENT STATUS: Employed

REASON FOR APPLYING: Being somewhat aware of and familiar with the background of the request for a water advisory committee and concerned about the good functioning of the City organization, I believe I can provide a balanced approach to the proposal.

EDUCATIONAL BACKGROUND: AB in Psychology, University of Nebraska
Executive MBA, University of Nebraska

OTHER RELEVANT EXPERIENCE: Assistant Chief of Police (last), City of Lincoln, NE 1963 to 1980
Administrative Director, City of Lincoln, NE, 1980 to 1987
City Administrator, City of Saint Helena, CA 1987 - 1996

COMMUNITY INVOLVEMENT: Long-time member, St. Helena Rotary Club
Former member and Chair of Rianda House
Executive Director, Rianda House

REFERENCE 1: John Sales
1451 Oak Avenue
St. Helena, CA 94574
(707) 326-0241
JohnSales1451@gmail.com

REFERENCE 2: Mark Smithers
1819 Vallejo Street
St. Helena, CA 94574
(707) 290-4508
mssmithers@tfewines.com

REFERENCE 3: Jim Smith
1152 Lodi Lane
St. Helena, CA 94574
(707) 478-0914
hyobnapavalley@gmail.com

GENERAL QUESTIONS:

Have you ever attended a meeting of the Commission to which you are applying?

THIS DOCUMENT AND ALL ATTACHMENTS ARE AVAILABLE FOR PUBLIC INSPECTION

No - Hasn't met yet.

What is your understanding of the role and responsibility of this Commission?

Certain representations and proposals have been made regarding the formation of a committee of some sort to advise/direct/monitor the functioning of the City's water and wastewater divisions. The role of this committee will be to make a recommendation to the City Council regarding those representations and proposals.

What would be your goal(s) as a Commissioner?

To provide my input - based on years of governmental management experience - to a possible proposal as has been made to the Council, resulting in a recommendation to the City Council regarding whether such a group should be created and if so, the parameters of the that future group's functioning.

Have you previously served, or do you currently serve, on a St. Helena Commission or Committee? If yes, which one(s) and for what period of time?

No (but note prior City affiliation as an employee)

Is there anything else you would like us to consider when reviewing your application?

Only my limited availability in early December (otherwise committed 12/6 & 12/13.)

I agree that all of the information contained in my responses to the questions on this application are true and accurate to the best of my knowledge. I further agree that, by checking the box below and submitting this application, online or otherwise, I am affixing my digital signature to this form as of the date submitted. I also agree that if appointed, I will serve on the Commission/Committee for which I have submitted this application.

☒ I AGREE

Gene Armstead

November 16, 2023



City of St. Helena

CA-23-031

COMMISSION/COMMITTEE APPLICATION

Received Date: November 6, 2023

Application Type: Ad Hoc Water/Wastewater Exploratory Committee

NAME: Jim Smith

ADDRESS: 850 Hunt Ave, Saint Helena, CA, 94574

PHONE: 7074780835

ALTERNATIVE PHONE: none

EMAIL ADDRESS: hyobbnapavalley@gmail.com

LENGTH OF RESIDENCY: 50 Years

EMPLOYER: Owner/Operator Wine Country Inn

EMPLOYMENT STATUS: Retired

REASON FOR APPLYING: Water is almost universally sighted as the first and final disqualifier for any new development within St. Helena. I would like to understand how this can be when 50% of the homes on the water system are 2nd homes and very seldom used. The Krug project will see fierce opposition as have the other hotel projects. To me, with locals going to Napa, Santa Rosa or Amazon to purchase most of there needs (other that groceries) downtown shops must carter to visitors (who love to shop while on vacation. Unless we want our town to dry up we MUST develop lodging within walking to downtown.

EDUCATIONAL BACKGROUND: St. Helena High (71), Chico St (72-73), San Francisco City College Hotel Restaurant (80-82), AS degree.

OTHER RELEVANT EXPERIENCE: 40 years owner/operator The Wine Country Inn (unfortunately in the county)

COMMUNITY INVOLVEMENT: St Helena Chamber of Commerce
St Helena Rotary
NV Convention & Visitors Board

REFERENCE 1: Name: Fill out later time for bed and they are shutting our power off tomorrow
Address:
Phone Number(s):
Email:

REFERENCE 2: Name:
Address:
Phone Number(s):
Email:

REFERENCE 3: Name:
Address:
Phone Number(s):
Email:

GENERAL QUESTIONS:

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Have you ever attended a meeting of the Commission to which you are applying?

No

What is your understanding of the role and responsibility of this Commission?

Not much. I assume we will be looking into the supply of water, the discharge of water and the reuse of treated water and how that affects the residents.

What would be your goal(s) as a Commissioner?

I think I have stated my goals in other questions.

Have you previously served, or do you currently serve, on a St. Helena Commission or Committee? If yes, which one(s) and for what period of time?

No

Is there anything else you would like us to consider when reviewing your application?

I cannot consume long documents. If this involves discussion and limited document consumption I would like to serve. If this involves considerable reading and studying I probably am not.

I agree that all of the information contained in my responses to the questions on this application are true and accurate to the best of my knowledge. I further agree that, by checking the box below and submitting this application, online or otherwise, I am affixing my digital signature to this form as of the date submitted. I also agree that if appointed, I will serve on the Commission/Committee for which I have submitted this application.

☒ I AGREE

James Smith

November 7, 2023



City of St. Helena

CA-23-030

COMMISSION/COMMITTEE APPLICATION

Received Date: October 27, 2023

Application Type: Ad Hoc Water/Wastewater Exploratory Committee

NAME: Arlene Corsetti

ADDRESS: 1401 Spring Street, St Helena, CA, 94574

PHONE: 707-963-8526

ALTERNATIVE PHONE: 4158301291

EMAIL ADDRESS: arlenecorsetti07@comcast.net

LENGTH OF RESIDENCY: 30 years

EMPLOYMENT STATUS: Retired

REASON FOR APPLYING: I feel this is a very important issue for the City of St Helena. I would hope that I could use my background in project management to come to a positive outcome for all stakeholders.

EDUCATIONAL BACKGROUND: Lowell High School SF 1968, UC Berkeley BA 1971 Political Economics, McGill University, Montreal Canada MA Political Economics

OTHER RELEVANT EXPERIENCE: Worked in the Insurance industry doing management and project management for 30 years. Managed budgets from 5 million to 600 million dollars and groups from 10 people to 3000 people. Studied Six Sigma Zero defect management, Professional background in financial forecasting.

COMMUNITY INVOLVEMENT: Chicago March of Dimes Board Member, Board La Rabita childrens hospital, Board Ascension Health Catholic Hospitals Midwest, St Helena Water Rate Commission, Board Water Advocates SH, Volunteer LaBoheme/ Colabria Care, 2018 Napa County Grand Jury (Study of St Helena).

REFERENCE 1: Name: Annie Offord
Address:
Phone Number(s): 707-294-4109
Email: anneofford@hotmail.com

REFERENCE 2: Name: Jamie Schuel
Address:
Phone Number(s): 415-309-2939
Email: Jamie.shuel@gmail.com

REFERENCE 3: Name: Sue Wollack
Address:
Phone Number(s): 415-407-6534
Email: sue@thewollacks.com

GENERAL QUESTIONS:

Have you ever attended a meeting of the Commission to which you are applying?

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Commission has never met but have discussed issues of Water and Wastewater with City Council

What is your understanding of the role and responsibility of this Commission?

To come to consensus with roles and responsibilities in establishing a Water and Waste Commission for the City of St Helena

What would be your goal(s) as a Commissioner?

I believe that we need to outline a Water and Wastewater Commission that represents all stakeholders/ Citizen rate payers, city staff and the city council. Also make the most of institutional knowledge, needs of our businesses and rate payers.

Have you previously served, or do you currently serve, on a St. Helena Commission or Committee? If yes, which one(s) and for what period of time?

No

Is there anything else you would like us to consider when reviewing your application?

I have spent the last 4 years studying the Water and Wastewater issues facing St Helena, its citizens, businesses and merchants.

I agree that all of the information contained in my responses to the questions on this application are true and accurate to the best of my knowledge. I further agree that, by checking the box below and submitting this application, online or otherwise, I am affixing my digital signature to this form as of the date submitted. I also agree that if appointed, I will serve on the Commission/Committee for which I have submitted this application.

☒ I AGREE

Arlene Basin Corsetti

October 27, 2023



City of St. Helena

CA-23-034

COMMISSION/COMMITTEE APPLICATION

Received Date: November 16, 2023

Application Type: Ad Hoc Water/Wastewater Exploratory Committee

NAME: Christopher Warner

ADDRESS: 1434 Grayson Ave., Saint Helena, CA, 94574

PHONE: 4153099572

EMAIL ADDRESS: chrisjwarner52@gmail.com

LENGTH OF RESIDENCY: 6.5 years

EMPLOYMENT STATUS: Retired

REASON FOR APPLYING: Provide expertise and support for prudent, fact-based, equitable, financially viable and citizen-responsive water and wastewater policies, rates, financing and operations

EDUCATIONAL BACKGROUND: J.D. Ohio State College of Law, 1977
Natural Resources Program, University of Denver College of Law 1976- 1977
B.A. cum laude, Denison University, 1974
Junior semester abroad, Wroxton College, Near Banbury, England 1972- 1973

OTHER RELEVANT EXPERIENCE: Chief counsel and regulatory attorney, PG&E, 1988- 2021 (specializing in rate cases, regulatory accounting, utility operations, environmental compliance, capital project procurement)
Deputy General Counsel, Federal Energy Regulatory Commission, 1985- 1988
Deputy Secy Energy, US Dept of Energy 1983- 1985
U.S House of Representatives Energy and Commerce Committee, 1981- 1983
Director, Delaware State Energy Agency, 1980
Associate, Potter Anderson & Corroon, corporate law firm, Wilmington DE 1977- 1978
U.S. Senate, Legislative Asst and counsel, 1978-1980

COMMUNITY INVOLVEMENT: St. Helena Planning Commission; St. Helena Parks and Recreation Commission; Chair, Measure H Committee; Co-leader, St. Helena Fire Safe Council; Board Member, Napa Communities Firewise Foundation; Board member, COAD; President, Kiwanis Club of St. Helena

REFERENCE 1: Name: Paul Dohring, Mayor
Address:
Phone Number(s):
Email:

REFERENCE 2: Name: Lester Hardy, City Council Member
Address:
Phone Number(s):
Email:

REFERENCE 3: Name: Eric Hall, City Council Member

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Address:
Phone Number(s):
Email:

GENERAL QUESTIONS:

Have you ever attended a meeting of the Commission to which you are applying?

N/A

What is your understanding of the role and responsibility of this Commission?

Advise City Council and City staff on potential citizens advisory role on water and wastewater services to citizens

What would be your goal(s) as a Commissioner?

Provide professional expertise and collaborative experience to advice on water and wastewater services and operations

Have you previously served, or do you currently serve, on a St. Helena Commission or Committee? If yes, which one(s) and for what period of time?

St. Helena Planning Commission, 2022 to date
St. Helena Parks and Recreation Commission, 2021- 2022
Measure H Advisory Committee, 2023-

I agree that all of the information contained in my responses to the questions on this application are true and accurate to the best of my knowledge. I further agree that, by checking the box below and submitting this application, online or otherwise, I am affixing my digital signature to this form as of the date submitted. I also agree that if appointed, I will serve on the Commission/Committee for which I have submitted this application.

☒ I AGREE

Christophe Warner

November 16, 2023

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City of St. Helena

CA-23-029

COMMISSION/COMMITTEE APPLICATION

Received Date: October 26, 2023

Application Type: Ad Hoc Water/Wastewater Exploratory Committee

NAME: Garry Rose

ADDRESS: 1753 Vineyard Avenue, St. Helena, California, 94574

PHONE: (916) 626-0275

ALTERNATIVE PHONE: (707) 963-3834

EMAIL ADDRESS: garry547@gmail.com

LENGTH OF RESIDENCY: 33 years

EMPLOYER: Self Employed

EMPLOYMENT STATUS: Employed

REASON FOR APPLYING: Extremely interested in the workings of the Water and Wastewater Enterprises, as well as keeping abreast of rates.

EDUCATIONAL BACKGROUND: High School 1965, Bachelor of Science Mechanical Engineering 1970, Master of Science Mechanical Engineering 1974, California Registered Professional Engineer number M025240.

OTHER RELEVANT EXPERIENCE: Principal of M & E Consulting Firm, President Design/Build Mechanical Firm, President HVAC Manufacturing Firm, Vice President HVAC Manufacturing Firm in Mexico, Currently Mechanical Engineer in charge of designing High Pressure Pipe Fittings.

COMMUNITY INVOLVEMENT: Past member of Kiwanis Club, Boise, ID., Past member ASHRAE, Past member ASME, current member ASTM International, Committee B05 Copper and Copper Alloys.

REFERENCE 1: Name: Lesley Milton
Address: 1088 College Avenue, St. Helena, CA 94574
Phone Number(s): Direct: (707) 968-2636, Mobile: (707) 320-7904
Email: lmilton@cityofsthelelena.org

REFERENCE 2: Name: Joseph Leach
Address: 1088 College Avenue, St. Helena, CA 94574
Phone Number(s): Direct: (707) 968-2629
Email: jleach@cityofsthelelena.org

REFERENCE 3: Name: Luke Rainville
Address: 1734 Vineyard Avenue, St. Helena, CA 94574
Phone Number(s): Home: (707) 963-3654 Mobile: (707) 322-2552
Email: radiodesign@comcast.net

GENERAL QUESTIONS:

Have you ever attended a meeting of the Commission to which you are applying?

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No

What is your understanding of the role and responsibility of this Commission?

To study and recommend to the St. Helena City Council the best way to organize and establish a permanent Water and Wastewater Advisory Commission.

What would be your goal(s) as a Commissioner?

To establish a permanent St. Helena Water and Wastewater Advisory Commission reporting to the St. Helena City Council.

Have you previously served, or do you currently serve, on a St. Helena Commission or Committee? If yes, which one(s) and for what period of time?

Yes: 2023 Water and Wastewater Rate Study, Full Length of Committee 2022 - 2023

Is there anything else you would like us to consider when reviewing your application?

I would like the City Council to recognize the 2 years of consistent work to get this Commission started and recognized.

I agree that all of the information contained in my responses to the questions on this application are true and accurate to the best of my knowledge. I further agree that, by checking the box below and submitting this application, online or otherwise, I am affixing my digital signature to this form as of the date submitted. I also agree that if appointed, I will serve on the Commission/Committee for which I have submitted this application.

☒ I AGREE

Garry L. Rose

October 19, 2023

THIS DOCUMENT AND ALL ATTACHMENTS ARE AVAILABLE FOR PUBLIC INSPECTION

Résumé
Garry L. Rose
 1753 Vineyard Avenue
 St. Helena, CA 94574

EMPLOYMENT

Consultant

September 2015 to Present
 ST. HELENA, CA

I currently provide consulting services for refrigeration piping systems, HVAC systems and air handler and fan application.

Mechanical Engineer REFLOK, INC.

August 2010 to September 2015
 ST. HELENA, CA

My responsibilities included the design of mechanically attached fittings and refrigeration pipe fittings for the VRF/VRV market. Duties included design of refrigeration piping systems including pipe support, insulation, and proper installation practices.

Mechanical Design Engineer COSTA ENGINEERS

May 2007 to August 2010
 NAPA, CA

My responsibilities included the design of HVAC and plumbing systems for commercial and industrial projects intended for conventional plan and specification bidding. Ninety-five percent of this business was for architectural firms. Costa Engineers provided both mechanical engineering design services for the architectural community.

Regional Sales Manager ENERGY LABS, INC.

November 2003 to May 2007
 SAINT HELENA, CA

My responsibility was the management of a 2-person remote office for the manufacturing operation in Tijuana, Mexico. Additional duties require coordination of engineering designs with the manufacturing portion of the company, sales support for the manufacturer's representatives, preparation of submittals, and engineering support for the application and design of direct drive/variable speed centrifugal fans for HVAC applications. I also provide engineering design and support for the companies' air cooled and evaporative condensing refrigeration projects.

Manager – Application Engineering ENERGY LABS, INC.

March 2003 to November 2003
 SAN DIEGO, CA

My responsibility was the management of a 21-person application engineering department for the manufacturing operation in Tijuana, Mexico. Additional duties require coordination of engineering designs with the manufacturing portion of the company, sales support, and engineering analysis for the field service department. I am a member of the management staff of the company responsible for day to day operation as well as short and long term planning.

Principal G. L. ROSE CONSULTING

March 2001 to March 2003
 SAINT HELENA, CA

My job description included manufacturing consulting for Energy Labs, Inc. and Mammoth, Inc. in the areas of evaporative condensing and low temperature air systems. In addition to the above consulting, I also provide application engineering for manufacturers representatives in evaporative condensing, low temperature air distribution and triple deck multi-zone design. An additional project involves preparation of a formal sales presentation of the complete design, application, installation, commissioning, and post installation documentation of a "Dual Duct Change-over Low Temperature Air - Building HVAC" system for a design build HVAC company.

Vice President – Engineering ENERGY LABS, INC.

1997 to March 2001
 SAN DIEGO, CA

My responsibility was the management of a 34 person - engineering department for their manufacturing operation in Tijuana, Mexico. Additional duties required coordination of engineering designs with the manufacturing portion of the company, sales support, and engineering analysis for the field service department. I was a member of the management staff of the company responsible for day to day operation as well as short and long term planning. Additionally, I was a member of the reorganization team for Energy Labs Inc. utilizing the Adizes method. This is a formal method of problem solving in organizations to allow decisions to be implemented.

President

PACE AQS, INC. (DIVISION OF BROD & MCCLUNG PACE)

1995 to 1997

KERRVILLE, TX

As President of AQS, I was responsible for the development of an HVAC system for the retail industry. The duties included starting a completely new division in Kerrville, TX for an existing air handling company with headquarters located in Portland Oregon. This new company manufactured Air Conditioning units for commercial customers. This product was sold through manufactures representatives located throughout the United States and Mexico.

President

ENGINEERED MECHANICAL, INC.

1985 to 1995

ST. HELENA, CA AND SALT LAKE CITY, UTAH

My responsibilities included design of HVAC and plumbing systems for commercial and industrial projects on a design build basis. I was also responsible for the development of a complete HVAC system for the retail industry allowing them to meet ASHRAE standard 62-1989 without an energy penalty. In addition, I was in charge of developing and refining a low temperature air, dual duct changeover HVAC system for commercial offices and schools, again allowing compliance with ASHRAE standard 62-1989. This included rooftop unit design, as well as a complete factory built control system, and also development and patent of a "cold air" diffuser. Other projects included the optimization and integration of direct drive plenum fans, heat recovery devices, and DDC controls into the designs.

Sales Engineer

LONG DEMING – UTAH

1981 to 1985

SALT LAKE CITY, UTAH

I was responsible for sales and also assisted customers with the design and application of commercial HVAC equipment. A significant emphasis of my involvement was in the design of HVAC units for the clean room industry. I was involved with the beginning of the PACE "Clean-Pak" product line by applying direct drive fans in units designed specifically for clean room duty.

Principal/Owner

SYSTEMS ENGINEERING, INC.

1976 to 1981

BOISE, IDAHO

My responsibilities included the design of HVAC and plumbing systems for commercial and industrial projects intended for conventional plan and specification bidding. Ninety-five percent of this business was for architectural firms. Systems Engineering, Inc. provided both mechanical and electrical engineering services for the architectural community.

Mechanical Engineer

MCKELLIP ENGINEERING

1974 to 1976

BOISE, IDAHO

McKellip Engineering provided me the opportunity to start my career in the HVAC industry, with the responsibility for design and specification of mechanical systems for commercial and industrial buildings.

Project Engineer

MORRISON KNUDSEN COMPANY, INC.

1971 to 1974

BOISE, IDAHO

Early employment was in the Morrison Knudsen engineering training program, followed by assignment as the project engineer on a railroad construction project in Hardin, Montana. Duties included assuring compliance with plans and specifications, supervising survey crews, preparation of cost and budgeting reports, and preparation of requests for payment.

PROFESSIONAL REGISTRATION

California

M025240

PUBLICATIONS

1974 Master's Thesis

"Linear Step-wise Multiple Regression Analysis for Thermodynamic Equations of State"

PATENTS

United States Patent Number 5,261,857
November 16, 1993

"Ceiling Vent with moveable vane"

EDUCATION

Master of Science **1974**
 UNIVERSITY OF IDAHO MOSCOW, IDAHO

Major: Mechanical Engineering

Activities: My emphasis of study was the computer analysis of the thermodynamic properties of nitrogen and oxygen, and the development of equations of state for these two fluids. While completing the masters' curriculum, I was a member of the faculty and taught the subjects of computer programming and engineering graphics on a half time basis.

Bachelor of Science **1970**
 UNIVERSITY OF IDAHO MOSCOW, IDAHO

Major: Mechanical Engineering

Activities: My emphasis of study was the standard mechanical engineering curriculum with a special interest in computer programming and thermodynamics.

SKILLS

- Broad experience with control systems, including control sequences, and programming of DDC systems, and development of total control systems including hardware and software.
- Proficient with AutoCAD, Autodesk Inventor, Autodesk Revit and Solidworks. Also proficient with Microsoft Office Suite. Programming experience in Fortran, Basic and Visual Basic.
- Broad experience with operation of a business, including supervising employees, accounting practices, engineering design, sales, formal presentations and training presentations.
- Extensive experience with coordination of HVAC design and manufacturing requirements.
- Extensive knowledge of low temperature air distribution in occupied spaces, and air distribution devices.
- Specialized knowledge of HVAC system design, psychrometrics, and static regain duct calculations.
- Completed formal training in Mediation and Arbitration, and awarded certificate.

MISCELLANEOUS

- Private pilots license, with multi-engine, instrument rating.
- Enjoy golf and jogging.