



Statement of Qualifications

j.c. brennan & associates, Inc.

Consultants in Acoustics, Noise Control Engineering, and Vibration

January 2015

j.c. brennan & associates, Inc.
1287 High Street, Auburn, CA 95603
P.O. Box 6748, Auburn, CA 95604

Phone: (530) 823-0960
Fax: (530) 823-0961
info@jcbrennanassoc.com

www.jcbrennanassoc.com
(530) 823-0960



Corporate Resume

j.c. brennan & associates is a full service acoustical consulting firm. The firm is owned and operated by Jim Brennan. Jim provides over 25 years of experience in acoustical consulting and is a recognized member of the Institute of Noise Control Engineering. j.c. brennan & associates is dedicated to providing high-quality and personalized acoustical consulting services. j.c. brennan & associates, Inc. is also a California Certified Small Business.

j.c. brennan & associates conducts studies in the fields of transportation noise (roadway traffic, aircraft and railroad), industrial noise control, ambient noise surveys, architectural and building acoustics, environmental impact reports (EIR's) and environmental impact studies (EIS's), expert legal testimony, staff training, and General Plan Noise Element and Noise Ordinance updates.

j.c. brennan & associates utilizes sound level measurement and vibration measurement equipment which meet ANSI specifications for Type 1 sound level measurement equipment. j.c. brennan & associates has the ability to conduct octave and narrow band frequency measurements and data analysis. Computer models used for evaluating noise levels and associated impacts include the Integrated Noise Model (INM - for developing aircraft noise contours for airports and helipads), the CadnaA Noise Prediction Model (CadnaA - for analysis and contour mapping for all environmental/industrial noise sources), the Federal Highway Administration Traffic Noise Prediction Model, the FHWA Traffic Noise Model (TNM). Other custom software applications which have been developed in-house over the years are also used with regular frequency.

Jim Brennan and the staff at j.c. brennan & associates have enjoyed the close working relationships which have been developed with all clients, including federal, state and local government agencies, public utility districts, private developers, utility companies, architectural firms and engineering firms. j.c. brennan & associates looks forward to working with you in the near future on your acoustical consulting endeavors.



Resume - JIM BRENNAN, INCE | President

Education

B.S. Community Sciences, 1978, University of Wisconsin at Green Bay

Registration / Certifications

Member, Institute of Noise Control Engineering
Member, Acoustical Society of America
Member, California Chapter American Planning Association

Key Experience

- Architectural Acoustics
- Community Noise Ordinances
- Construction Noise/Vibration
- EIR / EIS Noise Studies
- General Plan Noise Elements
- Highway/Roadway Projects
- Industrial Noise Control
- Helipad-Helispot Analyses
- Master Plan / Community Plan Noise
- Monitoring
- Wind Turbine Noise Analyses

Publications

- Snowmaking Nozzle Noise Levels and the use of Enclosures as a Method of Noise Control, Noise-Con 96, Seattle, Washington

Jim is the owner of j.c. brennan & associates, Inc. which he established in 2005. For the previous six years, Jim was a founding partner of Bollard & Brennan, Inc. which was formed in 1999. His skills include the technical expertise in the use of sophisticated computer models used for predicting noise propagation in complex environments, and for evaluating potential mitigation measures for abating noise impacts.

Jim's experience includes managing acoustical analyses related to traffic noise, architectural acoustics, and other environmental noise sources including railroads, rapid transit, helipad relocations, snowmaking operations, industrial facilities, residential developments, marina and harbor expansions, and mining operations.

For the past 25 years, Jim has managed hundreds of aviation studies, community noise studies, development of General Plan Noise Elements and Noise Ordinances, analyses of vibration impacts from transportation facilities and industrial equipment.

PROJECT EXPERIENCE

Jim was a member of Brown-Buntin Associates, Inc. (BBA) consulting staff between March 1989 and March 1999. While at BBA, he managed many hundreds of acoustical studies, and he coordinated the noise analysis for all military withdrawals in the state of Nevada for the Special Nevada Report. Presently, Jim serves on the Tahoe Regional Planning Agency (TRPA) Environmental Threshold Review, Noise Evaluation Committee.

Jim's noise control experience began in 1984 while employed with the Tahoe Regional Planning Agency. He implemented the Lake Tahoe basin noise monitoring program, wrote the noise control ordinance for the Regional Plan, and provided technical analysis and assistance to local agencies and community groups in the area of airport and community noise problems.



Resume - LUKE SAXELBY, INCE Bd. Cert. | Senior Consultant

Education

B.S. Mechanical Engineering, California State University, Sacramento, California, 2004

FHWA Traffic Noise Model (TNM) Training Course, Completed Burlington, MA, April 2005

Registration / Certifications

Institute of Noise Control Engineering (INCE), Board Certified

Board for Professional Engineers and Land Surveyors: Engineer-In-Training Certification (EIT) #116045 – January 23, 2003

Key Experience

- Architectural Acoustics
- Community Noise Ordinances
- Construction Noise/Vibration
- EIR / EIS Noise Studies
- General Plan Noise Elements
- Highway/Roadway Projects
- Industrial Noise Control
- Master Plan / Community Plan Noise
- Monitoring
- Wind Turbine Noise Analyses

Publications

- *Noise Control for a Metal Shredder and Recycling System*, Noise-Con 2011, Portland, Oregon.

Mr. Saxelby has managed hundreds of noise studies for various types of projects, including specific plan and master plan developments, commercial development projects, ski resorts, roadway improvement project, architectural acoustics design/testing/litigation, wind energy projects, and various Environmental Impact Reports (EIR) and Environmental Impact Statements (EIS).

Mr. Saxelby has developed skills in the use of complex noise modeling programs including the Federal Highway Administration Traffic Noise Prediction Model (TNM) and the CadnaA Noise Prediction Model. Special interests and areas of practice include the application of noise control techniques for mechanical systems, building acoustics, and architectural acoustics for multi-family residential dwellings.

PROJECT EXPERIENCE

Isabella Dam Safety Modification EIS Lake Isabella, CA – Noise Consultant

Project Manager / Senior Consultant. Responsible for preparing the Noise and Vibration study for the Army Corps of Engineers proposed modifications and/or replacement of the Lake Isabella Main and Auxiliary dam structures. Prepared a technical noise study report for the project EIS addressing potential noise and vibration impacts associated with the proposed project at sensitive receptors located around the project. Recommended noise control measures where necessary to reduce the potential impacts.

Central Trunk Sewer Rehabilitation Construction Project, Sacramento, CA – Noise Consultant

Project Manager / Senior Consultant. Responsible for conducting noise and vibration monitoring and development of Noise/Vibration Reduction Plan prior to, and during construction. Worked with the Sacramento Area Sewer District and the project contractor to develop noise reduction measures for construction equipment during the project stages and to respond to various noise complaints.

State Route 70 / Feather River Boulevard Interchange Yuba County, CA – Noise Consultant

Project Manager / Senior Consultant. Responsible for preparing the Caltrans Noise and Vibration Study for the proposed project. Conducted field noise measurements relative to Caltrans guidelines and prepared a project Noise Study Report (NSR) for delivery to the local agency and Caltrans.



Corporate References

Public Agencies

Mr. Tom Buford
Senior Planner
City of Sacramento Planning Department
300 Richards Blvd, 3rd Floor
Sacramento, California 95811
(916) 808-7931

Mr. Ken Grehm
Director
Placer County Public Works
3091 County Center Drive, Suite 220
Auburn, California 95603
(530) 745-7500

Mr. Pierre Rivas
Senior Planner
El Dorado County Planning Services
2850 Fairlane Court, Building "C"
Placerville, California 95667
(530) 621-5841

Mr. Jeremy Freimund
Water Resources Manager
Lummi Indian Business Council
2616 Kwina Road
Bellingham, Washington 98226
(360) 384-2212

Environmental Consulting Firms

Mr. Steve Peterson
Principal
Environmental Stewardship and Planning, Inc.
1621 13th Street
Sacramento, California 95814
(916) 455-1115

Mr. Steve McMurtry
Principal
De Novo Planning Group
4630 Brand Way
Sacramento, California 95819
(916) 580-9818

Industrial Noise Control

Ms. Amy Cuellar
Navigant Consulting
3100 Zinfandel Drive, Suite 600
Rancho Cordova, California 95670
(916) 361-3200

Mr. John Thiel
Principal Engineer
South Tahoe Public Utilities District
1275 Meadow Crest Drive
South Lake Tahoe, California 96150
(530) 544-6474

Renewable Energy

Ms. Sarah Meyer
Senior Consultant, Due Diligence & Consulting
DNV KEMA Energy & Sustainability
1809 7th Avenue, Suite 900
Seattle, Washington 98101
(206) 387-4212

Ms. Alana Steele
Chief Operating Office & General Counsel
Western Wind Energy US Corporation
3500 Glenrose Avenue
Altadena, California 91001
(626) 755-4716

Architectural

Mr. Bob Kuchman, AIA
Owner
Kuchman Associates
3001 J Street, Suite 300
Sacramento, California 95816
(916) 447-3436

Gordon W. Rogers
Architectural Manager
Kitchell
2750 Gateway Oaks Drive #300
Sacramento, California 95833
(916) 648-9700



Fee Schedule and Consulting Terms

2015

Principal Consultant	\$ 165 / hour
Senior Consultant	\$ 140 / hour
Consultant	\$ 120 / hour
Principal Consultant - Legal Work	\$ 300 / hour
Senior Consultant - Legal Work	\$ 240 / hour
Technical Support Staff	\$ 100 / hour
Administrative Support Staff	\$ 75 / hour
Mileage	\$ 0.65 / mile
Government Contracts - IRS rate -	\$ 0.575 / mile
Per Diem Charges (meals & lodging)	\$ 200 / day
Sound Level Meter Charge	
Simple Interval Logging (LDL 820)	\$ 75 / day / meter
Frequency Analysis, Audio Recording	\$115 / day/ meter
Field Equipment Rentals	
<i>(To be outlined in Proposals)</i>	Cost + 5%

Insurance Coverage:

j.c. brennan & associates, Inc. maintains automobile, general, and professional liability insurance policies with one million dollars coverage each and two million dollars aggregate. We provide certificates of insurance to our clients at no charge.

Request for Retainers:

For new clients, j.c. brennan & associates, Inc. may require a retainer of up to 50% of the contract amount prior to beginning work on the project.

Invoicing and Terms of Payment:

j.c. brennan & associates, Inc. reserves the right to submit monthly invoices for services and expenses which have been incurred when project time-lines are expected to exceed 30 days. Payment for professional services is due within 30 days of the invoice date, and past due thereafter. Past due invoices will incur interest at the rate of 1.5% per month on the balance due. We will accept VISA and MasterCard as payment for an additional fee of 3.5% of the invoice total.

1/1/2015