

LUKE SAXELBY, INCE Bd. Cert.

Principal Consultant at Saxelby Acoustics

915 Highland Pointe Drive, Suite 250 – Roseville, CA | (916) 760-8821 | Luke@SaxNoise.com | SaxNoise.com



Mr. Saxelby has been practicing acoustic and noise control engineering for the past 18 years and is a Board-Certified member of the Institute of Noise Control Engineering (INCE). He is an expert in the requirements of the California Environmental Quality Act (CEQA) relating to noise impacts and has been involved in the preparation of hundreds of noise studies, including CEQA Environmental Impact Reports (EIR) and Mitigated Negative Declarations (MND). He is also a recognized expert witness in issues relating to building acoustics and noise control and has given testimony on various legal projects including construction defect claims and CEQA litigation.

Mr. Saxelby has extensive experience in the use of complex noise modeling programs including the Federal Highway Administration (FHWA) Traffic Noise Model (TNM), the CadnaA (Computer Aided Noise Abatement) sound prediction model, SoundPLAN acoustic model, the Federal Aviation Administration's (FAA) Integrated Noise Model (INM), and the Enhanced Acoustic Simulator for Engineers (EASE) model. He has also developed many custom computer models used in his practice. Special interests and areas of practice include the application of noise control techniques for mechanical systems, building noise control design, low noise HVAC systems, and architectural acoustics.

KEY EXPERIENCE

- Airstrip/Helipad Noise Assessment
- Architectural Acoustics Design and Testing
- Compliance Monitoring
- Construction Noise/Vibration Analysis
- EIR / MND / EIS / HUD Noise Assessments
- Expert Witness
- General Plan Noise Element Development
- Green Building Code Analysis
- Industrial Noise Control
- Low Noise HVAC Design
- Master Plan / Community Plan Noise
- Mining Noise Assessment
- Peer Review
- Transportation Noise Studies
- Wildlife Noise Assessment
- Wind Turbine Noise/Shadow Analyses

PROFESSIONAL EXPERIENCE

- Principal Consultant | Saxelby Acoustics LLC | 2017-Present
- Vice President & Senior Consultant | j.c. brennan & associates, Inc. | 2006-2017
- Consultant | Bollard Acoustical Consulting | 2005
- Consultant & Technician | Bollard & Brennan, Inc. | 2002-2005

EDUCATION/TRAINING/PROFESSIONAL AFFILIATIONS

- Institute of Noise Control Engineering (INCE) | Board Certified (2011)
- FHWA Traffic Noise Model (TNM) Training Course | Burlington, MA (2005)
- B.S. Mechanical Engineering | California State University | Sacramento, California (1999-2004)
- Board for Professional Engineers and Land Surveyors: Engineer-In-Training (EIT) #116045 (2003)

PUBLICATIONS

- *Noise Control for a Metal Shredder and Recycling System* | Sound & Vibration Magazine | August 2012

PROJECT EXPERIENCE – EXPERT WITNESS

- **Arden Owners Association v. BOSA Development California II, Inc.** San Francisco, California. Retained by Lorber, Greenfield & Polito, LLP. Provided expert witness review of plaintiff's acoustical testing of wall, floor/ceiling, and plumbing sound transmission claims. Case pending.
- **Foo 1996 Trust v. Matarozzi Pelsinger Builders, Inc.** San Francisco, California. Retained by Green & Hall LLP. Provided expert witness review of plaintiff's acoustical testing of wall, floor/ceiling, and plumbing sound transmission claims. Provided expert deposition. Case settled.
- **Davis v. AOA Ko'olina Kai Golf Estates and Villas.** Ko'olina, Hawaii. Retained by Jenny Davis. Conducted acoustic testing for plaintiff and provided expert witness deposition and testimony at arbitration. Case settled.

- **Blue Lake Rancheria v. Wright Development-California, Inc. et al.** Humboldt County, California. Retained by Green & Hall LLP. Provided expert witness review of plaintiff's acoustical testing of wall and floor/ceiling sound transmission. Settled out of court.
- **Dani Garrett, et al. v. K. Hovnanian, Inc. et al.** Sacramento, California. Retained by Green & Hall LLP. Provided expert witness review of plaintiff's acoustical testing of wall and floor/ceiling sound transmission. Settled out of court.
- **La Paloma HOA v. IREC/Buffalo, Inc., et al.** Las Vegas, Nevada. Retained by Springel & Fink LLP. Conducted visual inspections, provided expert witness review of plaintiff's acoustical testing of wall and floor/ceiling sound transmission, HVAC noise, and plumbing noise. Gave expert testimony at arbitration hearing. Settled out of court.
- **Tanamera Resort Condominiums v. Fleur De Lis HOA, et al.** Reno, Nevada. Retained by Springel & Fink LLP. Conducted visual inspections, provided expert witness review of plaintiff's acoustical testing of wall and floor/ceiling sound transmission, HVAC noise, and plumbing noise. Settled out of court.
- **Mantova Community Association v. LLV-IRC, LLC.** Las Vegas, Nevada. Retained by Springel & Fink LLP. Conducted visual inspections, provided expert witness review of plaintiff's acoustical testing of wall and floor/ceiling sound transmission, HVAC noise, and plumbing noise. Settled out of court.
- **Galt Citizens for Sensible Planning, et al. v. City of Galt, et al.** Galt, California. Retained by Kronick, Moskovitz, Tiedemann, & Girard. Responded to comments on noise studies. Provided expert testimony to City Council. Settled out of court.
- **Riva/Del Rio v. Nevada Pacific West Builders.** Sacramento, California. Retained by Bullivant Houser Bailey PC and Springel & Fink LLP. Conducted visual inspections, provided expert witness review of plaintiff's acoustical testing of wall and floor/ceiling sound transmission, HVAC noise, and plumbing noise. Settled out of court.