

Summary of Professional Qualifications of Jason Volk

Education

B.S. Mechanical Engineering, North Carolina State University, Raleigh, North Carolina (2000)

Professional Affiliations

Institute of Noise Control Engineering

Transportation Research Board

Current Experience (2005 to Present) ICF

Senior Noise Specialist

Manages and conducts environmental noise and vibration studies for infrastructure and transportation projects. Prepares National Environmental Policy Act (NEPA), California Environmental Quality Act (CEQA), and Washington State Environmental Policy Act (SEPA) impact assessments, and mitigation recommendations for infrastructure projects including highways, rail facilities, and public utilities.

Prepares noise analysis of noise and vibration from construction, highway and transit facilities using USDOT methodologies for impact assessment. Conducts acquisition and analysis of short- and long-term noise/vibration measurements for transportation studies, including vehicle passby emissions, sound insulation testing, and spectral analysis using a variety of metrics and instrumentation.

For the California Waterfix project, Jason evaluated conveyance alignments and operational scenarios for nineteen project alternatives, and documented the analysis for the EIR/EIS. He conducted noise and vibration analysis of construction scenarios including use of pile drivers and earthmoving equipment to construct new intakes, tunnels, pumping plants, transmission lines and associated facilities, and operations analysis of new pump stations. Produced GIS noise contour maps of all project features for each alternative. Participated in development of environmental commitments and mitigation measures to minimize or avoid impacts, and responded to public comments on the EIR/EIS.

Previous Experience (2000 to 2005) Harris Miller Miller and Hanson

Noise Specialist

Managed and conducted highway, transit and aviation noise studies. Evaluated existing noise conditions, future noise predictions, noise impacts and abatement measures. Served as instructor for a weeklong FHWA TNM course, offered semi-annually to consultants and agency staff nationwide. Conducted field noise measurements and sound insulation testing assessments.

