

Jeff Cerjan
Principal Consultant

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NAICS CODE

541330 – Engineering Services
541310 – Architectural Services
541690 – Other Scientific and Technical Consulting Services
541620 – Environmental Consulting Services
541715 – Research & Development in the Physical, Engineering, and Life Sciences (Except Nanotechnology and Biotechnology)

TARGET MARKET

- Federal, state, and local government agencies
- Transportation and infrastructure authorities
- Energy and power generation facilities
- Industrial and manufacturing operations
- LNG, mining, and maritime facilities
- Renewable energy and battery storage projects
- Commercial and mixed-use development projects

CAPABILITIES STATEMENT

COMPANY OVERVIEW

Cerjan Acoustics is an independent acoustical and noise consulting firm established in 2017, led by a principal consultant with more than 26 years of industry experience. We specialize in noise measurements, advanced noise modeling, and regulatory compliance support for complex industrial and infrastructure projects. Cerjan Acoustics provides objective, defensible analyses to help clients meet local, state, federal, and international noise requirements. As an independent consultant, the firm does not represent or sell noise control products, ensuring unbiased recommendations.

PAST PERFORMANCE

Shannonbridge Power Plant (Ireland) Conducted noise modeling and developed noise testing protocols for an emergency power plant project with GE; post-construction measurements validated predictions within 1 dB (2024)

Cove Point LNG Facility

Performed long-term compliance noise measurements and subsequent modeling of facility modifications (2023)

Bayonne Energy Center

Modeled noise impacts associated with adding a Battery Energy Storage System (BESS) to an existing power plant (2023)

Bullitt County Shooting Range

Served as a defense expert witness, conducting noise measurements for a range involved in litigation (2025)

Cryptomining Facility Noise Litigation

Ongoing expert noise measurements and analysis in support of legal proceedings (2025)

CORE COMPETENCIES

Noise Measurements & Monitoring

Conducts precise sound and noise measurements using calibrated, industry-leading instrumentation for compliance and diagnostic purposes.

Noise & Acoustical Modeling

Advanced modeling using SoundPLAN software to predict and evaluate noise impacts from industrial, transportation, and energy-related sources.

Regulatory Compliance & Assessments

Supports compliance with ANSI, ASTM, local, state, and federal noise regulations, including FHWA and environmental standards.

Expert Witness & Litigation Support

Provides expert testimony, defensible analyses, and technical documentation for noise-related legal and regulatory proceedings.

Noise Mitigation Design and Planning

Develops practical, cost-effective noise mitigation strategies based on measured and modeled results.

DIFFERENTIATORS

- Independent consultant with no affiliation to noise control product manufacturers.
- More than 26 years of hands-on acoustical and noise consulting experience.
- Proven accuracy in noise modeling, validated by real-world measurement results.
- Extensive experience across power generation, transportation, industrial, and energy sectors.
- Strong record of repeat clients and professional referrals.

