



Civil & Environmental Consultants, Inc.

Environmental & Occupational Noise Services

CEC provides environmental and occupational noise solutions to help our clients improve their health, safety, and environmental performance. Our services include noise impact assessment and noise exposure management.

CEC's experts work broadly in different industry sectors, including mining, oil & gas, power, manufacturing, real estate, solid waste, and the public sector. Our experience in these different sectors and our familiarity with different types of noise sources enable us to perform noise assessments for existing sources, estimate potential noise levels, and quickly provide feedback on the likelihood and significance of future noise-related issues.

ENVIRONMENTAL NOISE IMPACT ASSESSMENT

Our environmental noise assessment services include monitoring to identify a noise source and evaluating sound level. CEC has provided noise modeling and prediction services to the power, mining, and construction industries, among others.

Typical steps in a noise assessment and control project include background noise monitoring using sound level meters, identification of key noise sources, noise level mapping, evaluation and specification of noise mitigation options, and management plans.

OCCUPATIONAL NOISE MANAGEMENT

As a part of our occupational health and safety services, our experts have provided a wide range of occupational noise management services, including facility reviews to identify areas of high noise exposure, personal noise monitoring (dosimetry and noise exposure assessment), sound level estimation, hearing protection solutions, and engineering noise controls.

