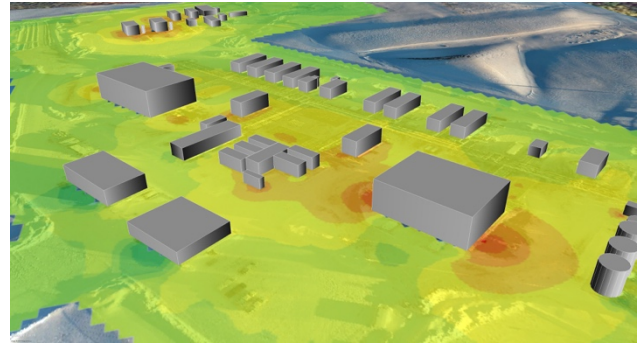
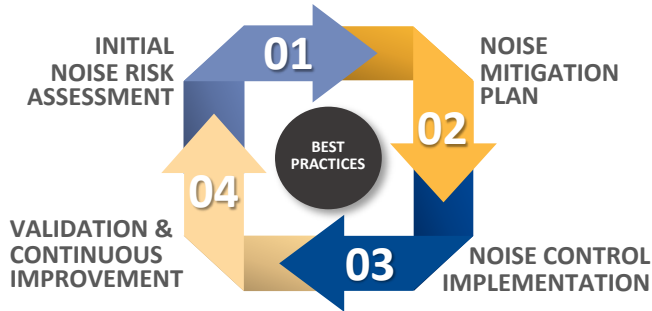


> OIL AND GAS NOISE MANAGEMENT PROGRAM BEST PRACTICES

#SOUNDMATTERS



Developed in collaboration with clients, this innovative and continuous process efficiently executes noise management programs and minimizes risk.



DRONE RENDERED NOISE MODEL

01 INITIAL NOISE RISK ASSESSMENT

Preliminary noise assessments identify potential noise impacts and risks throughout all stages of operations. A site-specific noise map based on typical equipment is produced, enabling confident communications and realistic expectation setting with all stakeholders. Relying on a broad database of measured equipment and reliable noise predictions, the latest tools are used to accurately predict risks and support good decisions.

02 NOISE MITIGATION PLAN

Detailed noise impact assessments allow noise control recommendations to meet regulatory requirements for application. Site-specific drawings, databases and field measurements are used to establish noise footprints and inform future development. Targeted recommendations and upgrade specifications are independent of supplier, providing actionable solutions to mitigate noise impacts.

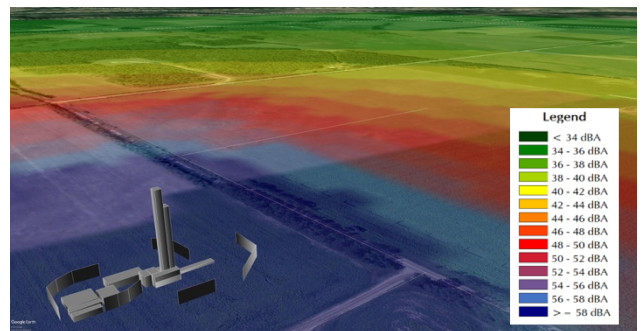
03 NOISE CONTROL IMPLEMENTATION

Patching Associates collaborates with clients and contractors in the procurement and implementation of noise control solutions. Representing client interests, procurement specifications are crafted to include warranties, ensuring noise level claims hold true under operational conditions, and mitigating financial risk.

04 VALIDATION & CONTINUOUS IMPROVEMENT

Commissioning studies involve measurement and monitoring of equipment to validate noise control effectiveness. Site-specific data is accumulated in a database to feed into and accelerate the next iteration of Noise Risk Assessments and Master Noise Models.

Occupational noise maps are created to inform hearing conservation programs and validate noise models. Cumulative noise models are considered, encouraging industry cooperation in areas with multiple operations.



OPTIMIZED SITE-SPECIFIC NOISE MITIGATION

CONTACT INFORMATION

info@patchingassociates.com

T: 403.274.5882

T: 888.465.5882

www.patchingassociates.com