

WESTERN CANADIAN SEDIMENTARY BASIN REGIONAL NOISE MASTER MODELS

PATCHING ASSOCIATES ACOUSTICAL ENGINEERING

ENVIRONMENTAL NOISE IMPACT ASSESSMENT USING REGIONAL NOISE MASTER MODELS

Patching Associates has developed an efficient approach to assessing cumulative noise impacts from various facilities in the Western Canadian Sedimentary Basin (WCSB) through the development of several Regional Noise Master Models. Through extensive field diagnostic and reconnaissance measurements conducted over many years, Patching has created Master Models for various areas in the following key Oil and Gas Basins:

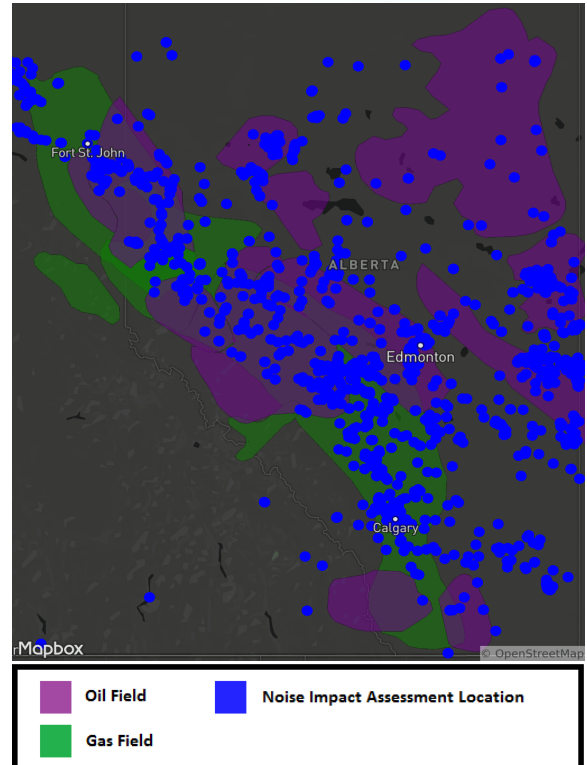
- Bonnyville Area Oil and Gas Fields
- Gordondale Area Oil and Gas Field
- Lloydminster Area Oil and Gas Fields
- Peace River Area Oil & Gas Fields
- Swan Hills Area Oil & Gas Fields
- Walrus Area Oil & Gas Field
- South Lloyd Area Oil & Gas Field

These Regional Noise Master Models incorporate reliable equipment noise data and detailed area information to allow our clients to make informed management decisions around noise. This method ensures regulatory requirements are met for cumulative noise impacts and also reduces the risk of noise complaints. The main reason our clients' prefer the master noise model approach is because it reduces the time and cost to achieve regulatory compliance.

LOCAL EXPERIENCE DELIVERS EFFICIENCY

Having completed thousands of oil and gas related noise impact assessments in the WCSB, Patching Associates understands the regulations that affect our clients' business. We also understand the complexity of assessing cumulative impacts, particularly in areas with multiple facilities, owned by different operators, with overlapping noise contributions.

Patching Associates delivers noise assessment, management and control solutions that are practical, reliable, cost effective, and meet or exceed regulatory standards.



Patching Associates has developed extensive database of regional equipment noise sources in the Western Canadian Basin (WCSB), thereby helping oil and gas operators manage risk from facilities noise, noise complaint, and regulatory compliance. Regional Noise Master Models reduce the time and cost associated with ensuring noise compliance.

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