

# > OIL AND GAS – MIDSTREAM

## PATCHING ASSOCIATES ACOUSTICAL ENGINEERING

### ▶ NOISE IMPACTS IN MIDSTREAM OIL AND GAS

The midstream sector shares similar noise challenges with the downstream and upstream sectors, including assessing noise from facilities that stretch over a wide geographic area, and planning for heightened public scrutiny associated with long term, high impact projects. From adding a LACT to a producers facility, to designing a pump station or managing a noise mitigation budget for a deferred gas plant, Patching Associates has the expertise to proactively and efficiently manage midstream noise challenges.

### ▶ DETAILED ASSESSMENTS AND REPORTING

Patching Associates has performed hundreds of Noise Impact Assessments for the midstream sector. Our assessments and reports are detailed and actionable, enabling midstream companies to make informed management decisions around noise control. The ability to plan and budget for noise is vital when assessing multi-phased, long term projects, and the costs associated with noise mitigation can be significant. We help midstream operators understand these costs, and our modeling and assessment techniques are designed to support long term planning.

Patching Associates is an independent consulting firm such that our noise mitigation recommendations, specifications and solutions can be bid on competitively, by multiple bidders. We also have the experience to compare proposed solutions and assess the costs and benefits of different options.

### ▶ NAVIGATING NOISE REGULATIONS

To properly address noise concerns and seek regulatory approval for midstream facilities, a comprehensive understanding of the details surrounding the source of, and methods to control noise is critical. Patching Associates has expert knowledge of oil and gas noise regulations, which underpins all of our noise mitigation advice and gives us the ability to answer “what, when, and how” questions with confidence. Because we have been involved with the development and evolution of noise regulations for energy facilities, our assessments provide the appropriate information and details needed to meet and exceed regulatory requirements.



“Patching Associates’ responsive, information-based service went beyond the standard delivery in providing Pembina with results that were grounded and readily applicable to our work. They clearly demonstrated how they achieve real solutions through theoretical studies supported by actual measurements.”

Pembina Pipelines

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