

Air Quality
Baseline Environmental Program Summary
BP Canada Energy Company Mist Mountain Coalbed Gas Project

Matrix Solutions Inc. (Matrix) requested RWDI AIR Inc. to review ambient air quality data and meteorological data from programs existing in the vicinity of the Mist Mountain Coalbed Gas Project area in southeast British Columbia. Based on this review, RWDI AIR Inc. provided a gap analysis and proposed program. The objective of the program is to establish a baseline for ambient air quality in the project study area.

RWDI AIR Inc. completed the following:

- Review and summarization of existing ambient air quality data collected in the region. These include regional PM₁₀, PM_{2.5}, NO_x, SO₂, CO and O₃ measurements at Creston, B.C.
- Review and summarization of existing meteorological data observed near the Project area. These include weather parameters such as wind speed, wind direction, air temperature, relative humidity, pressure and precipitation.
- Review and summarization of existing emissions within the study area.
- Proposal for expanding the baseline monitoring of ambient air quality and meteorology data.