

BC OGRIS Project Profile

Project Name:	Northeast Air Monitoring Program
Project Number:	LOCAL-2022-01 (formerly HS-2013-01)
Proponent:	Tropospheric Measurement Systems (Phase 11)
BC OGRIS Funding Envelope:	Community—Local Interest—formerly Air Envelope
Timeframe:	Phase 1 (Complete)—December 19, 2012 to March 31, 2014 Phase 2 (Complete)—July 7, 2014 to May 31, 2016 Phase 3 (Complete)—November 1, 2016 to March 31, 2018 Phase 4 (Complete)—December 1, 2018 to March 31, 2019 Phase 5 (Complete)—April 1, 2019 to March 31, 2020 Phase 6 (Complete)—April 1, 2020 to April 30, 2021 Phase 7 (Complete)—April 1, 2021 to April 30, 2022 Phase 8 (Complete)—April 1, 2022 to April 30, 2023 Phase 9 (Complete)—April 1, 2023 to April 30, 2024 Phase 10 (Complete)—April 1, 2024 to April 30, 2025 Phase 11—April 1, 2025 to April 30, 2026

Project objectives—Phase 11 (FY 2025/26)

The objectives of this project are to continue to maintain the Farmington Station of the Northeast Air Monitoring Network in FY 2025/26 to capture air quality data to make informed decisions regarding public health.

Project description—Phases 1 - 11

The project provides long term air quality information to the public and decision makers.

Project approach

The project is scoped into multi phases.

Phase 1—COMPLETE:

- Established an Advisory Group to engage with the local community—provided advice and further context in site selection.
- Purchased and installed monitoring equipment at 3 new locations.

- Analyzed existing ambient air quality data.
- Completed the initial network design identifying priority monitoring sites and components to measure at each site.

Phase 2—COMPLETE:

- Continuing to engage the local community.
- Characterizing air quality in the Northeast BC.
- Developing governance options for the ongoing Northeast Air Quality Monitoring Network.
- Expanding the air quality monitoring network and reporting capabilities.

Phase 3—COMPLETE:

- Maintain the air quality network and update the knowledge of air quality in northeast BC. Air monitoring stations will be rotated throughout northeast BC to expand the geographic coverage and understanding of air quality in those areas.

Phases 4 to 11—CURRENT:

- Maintain the Farmington Station of the Northeast Air Monitoring Network and update the knowledge of air quality in northeast BC.

Project deliverables

The deliverables from this project include the following:

Phase 1—Complete

1. Final report from phase 1 describing accomplishments in phase 1 and plans for phase 2— including the following information:
 - Existing air quality data;
 - Initial network design;
 - Results of the installation of rural monitoring sites and preparation of the core air quality monitoring site; and
 - Scope for Phase 2 and 3.

Phase 2—Complete

1. Final report from phase 2 describing accomplishments in phase 2 and plans for phase 3— including the following information:
 - Activities involving the engagement of the local community;
 - Reporting on the characterization of air quality;
 - Options and recommendations for long-term funding and management of air quality in Northeast BC; and
 - Revised network design.

Phase 3—Complete

1. Final report from phase 3 describing accomplishments in phase 3 and an update on the air quality in northeast BC.

Phases 4 to 11—Current

1. Annual report describing accomplishments in year (Farmington Station) and an update on the air quality in northeast BC.