

## Project Profile

<b>Project Name:</b>	Uncontrolled Storage Tank Measurement Study
<b>Project Number:</b>	ER-Meth-2025-01
<b>Proponent:</b>	Montrose Environmental Group, Ltd.
<b>Funding Envelope:</b>	Environmental Research--Methane
<b>Timeframe:</b>	August 26, 2024, to August 31, 2025

### Project objectives

The objectives of this project are to:

- Assess current techniques for determining methane emissions from uncontrolled storage tanks and conduct a representative field survey to calculate an average uncontrolled tank emission factor for B.C.

### Project description

This project will be a two phased approach with phase 1 centering on information gathering and defining a field work plan while phase 2 will focus on executing the field work plan and the analysis of results.

Phase 1—review tank measurement techniques and select tanks for measurement will cover:

- A desktop review of existing tank vent measurement techniques within the oil and gas industrial sector.
- Selection of an appropriate and representative sample of uncontrolled tanks within B.C. (25 tanks).
- Measuring methane emissions from the selected 25 tanks in order to validate measurement methodologies considered for this study.
- Analyzing the results and producing a Phase 1 report containing the field work plan for Phase 2. Including the selection of an appropriate and representative sample of uncontrolled tanks within B.C. for phase 2.

Phase 2—field work and reporting will cover:

- Measuring methane emissions using the selected tank vent measurement techniques at the selected uncontrolled tanks identified in Phase 1.
- Analyzing the results and producing the final report including a Calculated B.C. Uncontrolled Tank emission factor.

### **Project deliverables**

The deliverables from this project include the following:

1. Final report.
2. Presentation on findings and implications to the BC MERC.