



ALBERTA
METHANE
EMISSIONS
PROGRAM

Position Title: Methane Analyst - Summer Student

Department: AMEP

Job Status: Full time – Term

Reports To: Technical Operations Associate



Term Length: 4 or 6 months

Start Term: Summer (May 2022– September 2022 or October 2022)

Position Summary: Summer Student- Methane Analyst

Carbon Management Canada (CMC) is hiring a **Summer Student - Methane Analyst**. The contract will be for Summer 2022 (tentative start and end dates being May 1st, 2022 and September 2nd, 2022 or October 28th, 2022). The Summer Student will report to the Technical Operations Associate.

This position will be approximately **70% remote/in office** out of CMC's head office in Calgary, AB or SPOG's office in Olds, AB, and **30% field work** in Olds, AB and Newell County, AB (20min SW of Brooks, AB). The position will be full-time (37.5 hours a week) for a four or six month contract depending on availability.

About Alberta Methane Emissions Program (AMEP)

The program is intended to enable methane emission reductions in Alberta's oil and gas industry, while supporting government regulatory revisions, reducing costs to industry, and assuring best practices for methane detection and management. AMEP is funded by Alberta's Technology Innovation and Emissions Reduction (TIER) Fund and administered by the Delivery Agent Partnership (DAP) established by CMC and SPOG.

About Carbon Management Canada (CMC)

Carbon Management Canada (CMC) is a national, not-for-profit organization working to develop and deploy emissions reduction solutions and provide support to Canadian industry and the research community. We assist innovators in developing methane monitoring, carbon capture, utilization, and storage (CCUS), and subsurface monitoring technologies, and provide techno-economic analysis to companies, investors, and governments to direct research, development, investment, and policy making. Our goal is to move solutions more quickly from research to market, thereby growing the Canadian economy, increasing Canada's competitiveness in world markets, and supporting practical, feasible, and economically viable industrial emissions reductions.

About Sundre Petroleum Operators' Group (SPOG)

SPOG is a grassroots non-profit society that responds to the interests and concerns of the residents, landowners, and industry operators in the Sundre/Olds region. SPOG demonstrates synergistic solutions to problems and opportunities created by the interface of the oil and gas industry within communities that includes all sectors: industry, community, and government. SPOG continues to provide avenues to demonstrate Alberta's commitment and leadership in methane management.



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Duties and Responsibilities

- Collect, clean, calibrate, and manage data from various sources
- Map data collected using GIS programs
- Assist and support field testing and work
- Write testing reports and complete paperwork
- Facilitate controlled emissions releases
- Assist with data management
- Other duties as assigned

Minimum Requirements

- Current 3rd or 4th year student (2nd if shorter program) completing a post-secondary GIS or emissions reduction/research-based program at a university, college, or technical institute
- Inquisitive and adaptable self-starter who can work independently and as part of a team
- Excellent time management demonstrated by a track record of meeting deadlines
- Excellent written and verbal communication for academic and industry audiences
- Experience documenting results, creating summaries, and giving presentations
- Ability and willingness to do field work in all weather conditions
- Graduated Drivers License
- ArcGIS Suite and Power Automate experience
- Geoscout experience would be considered an asset but is not required.

Working Conditions

Office Related Working Conditions

- Normal business hours, but may be required to do some work outside of normal working hours
- Able to work on a computer for long periods of time
- Required to meet multiple project deadlines

Field Research Station Working Conditions

- Regular travel to, and work from CMC's Field Research Station. Light physical labour will be required. Weather conditions vary.

To apply, please submit a resume and cover letter to info@amep.ca by **5:00pm Wednesday April 13th, 2022.**