

# ALBERTA OFFSET SYSTEM GREENHOUSE GAS ASSERTION OF EMISSION REDUCTION CREDITS

**Project Developer:** AltaGas Processing Partnership  
1700, 355 4<sup>th</sup> Avenue SW,  
Calgary AB, T2P 0J1

**Company Contact:** Stefan Dimic  
Commercial Representative

**Telephone:** (403) 691-7031  
**Email:** Stefan.dimic@altagas.ca

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## **Project Documents:**

**Project Plan Title:** AltaGas Turin Acid Gas Injection Project: Greenhouse Gas Emissions Reduction Offset Project Plan (For the Period 1 January, 2013 – 31 December, 2017):

**Project Plan Date:** February 4, 2014

**Project Report Title:** AltaGas Turin Acid Gas Injection Project: Greenhouse Gas Emissions Reduction Offset Project Report (For the Period 1 January, 2016 – 31 December, 2016):

**Project Report Date:** March 8, 2017

**Quantification Protocol Title:** Alberta Offset System *Quantification Protocol for Acid Gas Injection*, version 1.0, May 2008

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## **Project Identification:**

**Project Name:** **AltaGas Turin Acid Gas Injection Project**

**Project Description:** AltaGas Processing Partnership (AltaGas) operates an acid gas injection project at the Turin Sour Gas Processing Plant. At the facility, AltaGas compresses the acid gas and then transmits the compressed gas 1.5 km through pipeline to the injection well. Flaring of acid gas is conducted on an emergency basis only, using an open flare system.

Previously, AltaGas was mandated by Alberta Environment to implement a sulphur control system due to de-grandfathering the

Turin Sour Gas Processing Plant. A three bed Claus sulphur recovery unit, which would have resulted in the direct and indirect emission of GHGs, was considered at the facility to convert gaseous H<sub>2</sub>S to elemental sulphur; however, AltaGas ultimately decided on AGI. The operation of the AGI facility results in the geological sequestration of acid gas, containing CO<sub>2</sub>, as a part of raw natural gas processing—which would have otherwise been flared and released to the atmosphere.

**Project Location:** The Project is located in Alberta. Both the Plant and the acid gas injection well are located near Turin, Alberta. Specifically, the Plant and the injection well are located at the following unique identifiers:

LSD: 12-19-12-18 W4M (Plant); 03-25-012-19 W4 (Injection Well)

Latitude: 50.01327° (Plant); 50.020623° (Injection Well)

Longitude: -112.458632° (Plant); -112.475712° (Injection Well)

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***Emission Reduction/Removal Credit Assertion:***

<b>VINTAGE - Emission Reduction Credit Creation Period</b> - dates covered by the greenhouse gas assertion and reporting, separated by each unique vintage year. If partial years are being claimed, entre the specific date range covered by the assertion.	<b>QUANTITY</b> - total quantity of claim expressed in tonnes of carbon dioxide equivalent (t CO <sub>2</sub> e)
2016	76,610 t CO <sub>2</sub> e
<b>Total Quantity (tCO<sub>2</sub>e):</b>	<b>76,610 t CO<sub>2</sub>e</b>

**Project Developer Authorization:**

I am a duly authorized corporate officer of the project developer mentioned above and have personally examined and am familiar with the information submitted in this Assertion Statement, the accompanying project document on which it is based. Based upon reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, I hereby warrant that the submitted information is true, accurate and complete to the best of my knowledge and belief, and that all matters affecting the validity of the emission reduction claim or the protocol upon which it is based have been fully disclosed. I understand that any false statement made in the submitted information may result in de-registration of credits and may be punishable as a criminal offence in accordance with provincial or federal statutes.

Signature:



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Date: <sup>5/2</sup> March <sup>14</sup>, 2017

Name: Brian Wood

Title: Divisional Vice President, Gas Commercial