



## VERIFICATION STATEMENT GREENHOUSE GAS EMISSIONS

Bureau Veritas North America, Inc. (BVNA) was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions reported by Stantec Inc. (Stantec) for the period stated below. This Verification Statement applies to the related information included within the scope of work described below.

The determination of the GHG emissions is the sole responsibility of Stantec. BVNA's sole responsibility was to provide independent verification on the accuracy of the GHG emissions reported, and on the underlying systems and processes used to collect, analyze and review the information.

### **Boundaries of the reporting company GHG emissions covered by the verification:**

- Operational control
- Worldwide except as otherwise noted
- Stantec Global Consulting
- Exclusions from the boundary of Stantec's GHG emissions assertion include emissions from Stantec's Global Consulting E-Suites and Fully Sub-let spaces

### **Emissions data verified:**

- **Scope 1:** 10,333 metric tons of CO<sub>2</sub> equivalent
- **Scope 2:** 37,810 metric tons of CO<sub>2</sub> equivalent (location-based)  
36,234 metric tons of CO<sub>2</sub> equivalent (market-based)
- **Scope 3:**
  - 26,526 metric tons of CO<sub>2</sub> equivalent – business travel; flights (Worldwide) and personal and rental cars (Canada, United States, United Kingdom, New Zealand, Australia, Netherlands, and Italy)
  - 146 metric tons of CO<sub>2</sub> equivalent – business travel; rail (UK only)
  - 1,693 metric tons of CO<sub>2</sub> equivalent – fuel and energy related activities, transmission and distribution losses
  - 954 metric tons of CO<sub>2</sub> equivalent – purchased goods, paper (Canada, United States, United Kingdom, New Zealand, Australia, Netherlands, and Italy)

### **Period covered by above verified GHG emissions data:**

January 1, 2018 to December 31, 2018

Data and information supporting the Scope 1, Scope 2, and Scope 3 GHG emissions assertion were primarily historical in nature.

### **Year over year changes in GHG emissions verified (2017 to 2018):**

- **Scope 1:** 8 percent increase
- **Scope 2 (location-based):** 13 percent decrease
- **Scope 2 (market-based):** 17 percent decrease
- **Scope 3 – business travel; flights (Worldwide) and personal and rental cars (Canada, United States, United Kingdom, New Zealand, Australia, Netherlands, and Italy):** 10 percent increase
- **Scope 3 – business travel; rail (UK only) year over year change:** 240 percent increase

### **Bureau Veritas North America, Inc.**

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- **Scope 3** - fuel and energy related activities, transmission and distribution losses: 15 percent decrease
- **Scope 3** - purchased goods, paper (Canada, United States, United Kingdom, New Zealand, Australia, Netherlands, and Italy): 29 percent increase

**GHG Reporting Protocols against which verification was conducted:**

- The Climate Registry (TCR) General Reporting Protocol (Scope 1 and 2)
- World Resources Institute (WRI)/World Business Council for Sustainable Development (WBCSD) Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard (Scope 3)

**GHG Verification Protocol used to conduct the verification:**

- ISO 14064-3: Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

**Level of Assurance and Qualifications:**

- Limited
- This verification used a materiality threshold of 5% for aggregate errors in sampled data for each of the above indicators

**GHG Verification Methodology:**

- Interviews with relevant personnel of Stantec;
- Review of documentary evidence produced by Stantec;
- Review of Stantec data and information systems and methodology for collection, aggregation, analysis and review of information used to determine GHG emissions remotely by teleconference; and
- Audit of sample data used by Stantec to determine GHG emissions.

**Assurance Opinion:**

Based on the process and procedures conducted, there is no evidence that the GHG emissions assertion shown above:

- is not a fair representation of the GHG emissions data and information; and
- has not been prepared in accordance with the TCR General Reporting Protocol (Scope 1 and 2) and the WRI/WBCSD Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard (Scope 3).

It is our opinion that Stantec has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of these GHG emissions for the stated period and boundaries.

**Statement of independence, impartiality and competence**

The Bureau Veritas Group is an independent professional services company that specializes in Quality, Health, Safety, Social and Environmental management with over 180 years history in providing independent assurance services.

No member of the verification team has a business relationship with Stantec, its Directors or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

The Bureau Veritas Group has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.



Stantec Inc.  
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The verification team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of The Bureau Veritas Group standard methodology for the verification of greenhouse gas emissions data.

**Attestation:**

Candice Derks, Lead Verifier  
Bureau Veritas North America, Inc.  
Lakewood, Colorado

Lisa S. Barnes, Technical Reviewer  
Bureau Veritas North America, Inc.  
Lakewood, Colorado

April 30, 2019

*This verification statement, including the opinion expressed herein, is provided to Stantec Inc. and is solely for the benefit of Stantec Inc. in accordance with the terms of our agreement. We consent to the release of this statement by you to the CDP in order to satisfy the terms of CDP disclosure requirements but without accepting or assuming any responsibility or liability on our part to CDP or to any other party who may have access to this statement.*