

**REPORT**

# December 2025 Ambient Air Monitoring Report

*Rain Carbon Canada Inc.*

Submitted by:

**Rain Carbon Canada Inc.**

725 Strathearne Avenue North  
Hamilton, Ontario  
L8H 5L3

January 2026

## Distribution List

Electronic copy - Ontario Ministry of the Environment, Conservation and Parks

Electronic copy – Rain Carbon Canada Inc.

Electronic copy - WSP Golder

# Table of Contents

<b>1.0 INTRODUCTION .....</b>	<b>5</b>
<b>2.0 AMBIENT MONITORING STATIONS .....</b>	<b>6</b>
<b>3.0 SUMMARY OF MONITORING EQUIPMENT CONDITIONS .....</b>	<b>5</b>
<b>4.0 SUMMARY OF BENZENE MEASUREMENTS .....</b>	<b>7</b>
<b>5.0 SUMMARY OF B(A)P MEASUREMENTS .....</b>	<b>8</b>
<b>6.0 CONCLUSIONS .....</b>	<b>9</b>

## TABLES

Table 1: Rain Carbon Ambient Air Quality Monitoring Stations.....	6
Table 2: Summa Canister Pressures on Receipt .....	6
Table 3: PUF Filter Total Volumes .....	6
Table 4: Summary of December 2025 Benzene Measurements .....	7
Table 5: Summary of December 2025 B(a)P Measurements .....	9

## FIGURES

Figure 1: Monitor and Source Locations.....	7
Figure 2: Monitor Location on the South Side of the Facility .....	7
Figure 3: Monitor Locations on the West Side of the Facility .....	8
Figure 4: Monitor Locations on the North Side and East Side of the Facility .....	8

## **APPENDICES**

### **APPENDIX A**

Monitoring Plan

### **APPENDIX B**

Laboratory Analysis

### **APPENDIX C**

Chain of Custody Forms

### **APPENDIX D**

Certificates of Analysis

### **APPENDIX E**

Field Notes

## **1.0 INTRODUCTION**

Rain Carbon Canada Inc. (Rain Carbon) is required to prepare monthly written summary reports of benzo(a)pyrene [B(a)P] and benzene ambient monitoring measurements for the coal tar and petroleum material processing plant located at 725 Strathearne Avenue N., Hamilton, Ontario (the Facility). This is the eighty sixth monthly report submitted as part of the Rain Carbon ambient monitoring program and summarizes the measurements taken in December 2025.

The ambient air monitoring measurements for December 2025 follow the December 12, 2019, Monitoring Plan for B(a)P and Benzene (the Plan) approved by the Ontario Ministry of the Environment, Conservation and Parks (MECP) on December 20, 2019. A copy of the Plan has been provided in Appendix A.

Rain Carbon operates the fence line monitors for benzene and B(a)P at the East, North, South, New West, and Old West environmental monitoring stations. Rain Carbon also conducts monitoring for benzene and B(a)P monitoring off site at the HAMN station 29164.

This report includes the following information for measurements taken in December 2025:

- Identification of each location at which a measurement was taken.
- For each location, the concentration of each measurement taken.
- The date and time each measurement was taken.

## 2.0 AMBIENT MONITORING STATIONS

The monitoring program consists of setting up two types of sampling systems at five locations at the Facility. The two sampling systems included the polyurethane foam (PUF) polyaromatic hydrocarbon (PAH) sampling system for B(a)P and the SUMMA volatile organic carbon (VOC) canister sampling system for benzene. Samples were collected over a 24-hour period. The monitoring stations are listed below, and their locations are shown in Figure 1.

**Table 1: Rain Carbon Ambient Air Quality Monitoring Stations**

Station Location	Height Above Grade (m)
North - Tank 91	4.1
East - South of Tank-36	3.4
South - Berm	3.2
New West – West Fence line at Railcar Track 2 Spot 10.	4.0
Old West - Tank-77 Platform	13.0
Hamilton Area Monitoring Network (HAMN) Station 29164	4.0

The South berm monitor is placed just over two metres above grade by the berm located on the south side of the Facility as shown in Figure 2. The Old West monitor at Tank 77 is placed on the upper platform located on the west side of the Facility as shown in Figure 3. The platform is approximately 13 metres above grade. As shown in Figure 4, the North monitor is located at the north fence line, north of Tank 91, and placed 4.1 metres above grade and at least 2 metres away from any structure. The East monitor is at the east fence line, south of Tank 36, with an inlet height of 3.4 metres above grade. The New West monitor is located at the west fence line on a new dedicated stand-alone platform at approximately 4 metres above grade.

Air quality data acquisition and instrument performance were conducted by Rain Carbon Canada Inc. personnel, and the laboratory analysis was conducted by Bureau Veritas Laboratories, which is ISO1702 compliant and accredited. The following supporting documents are provided:

- Laboratory Analysis in Appendix B;
- Chain of custody forms in Appendix C;
- Laboratory Certificates of Analysis in Appendix D; and
- Field notes in Appendix E.



Figure 1: Monitor and Source Locations



Figure 2: Monitor Location on the South Side of the Facility



Figure 3: Monitor Locations on the West Side of the Facility



Figure 4: Monitor Locations on the North Side and East Side of the Facility

---

### 3.0 SUMMARY OF MONITORING EQUIPMENT CONDITIONS

The laboratory Certificate of Analysis for each monitoring event includes information on the volume of the sample collected for the PUF (B(a)P) monitoring system, and the residual vacuum pressures for the SUMMA canisters (benzene) monitoring equipment. For the PUF system, the MECP has flow requirements of 8 CFM +/- 10% which is equivalent to total volumes between 293.6 m<sup>3</sup> and 358.8 m<sup>3</sup> over 24 hours. The summa canister pressures on receipt and PUF filter total volumes are presented below in Tables 2 and 3.

For the December 2025 B(a)P monitoring results, all the recorded PUF volumes were inside the MECP specified range of between 293.6 m<sup>3</sup> and 358.8 m<sup>3</sup> over 24 hours.

All the summa canister pressures on receipt were within the MECP acceptable pressure of receipt of between -1.6 to -13.4 inches Hg except at the old west VOC monitor on the **Monday December 15, 2025, MECP monitoring event** where we recorded a summa canister pressure on receipt of -28.0 inches Hg likely due to a VOC sampler timer internal valve failure.

The **old west VOC monitor sampler timer** was then operated again on the successful **Wednesday December 17, 2025, Old West Monitor Additional monitoring event**.

**Table 2: Summa Canister Pressures on Receipt (inches Hg)**

Monitoring Event Date	Benzene SUMMA Canister Pressure on Receipt (inches Hg)				New West	HAMN STN 29164
	East	North	Old West	South		
December 3	- 4.48*	- 4.07*	- 9.16	- 6.32	- 6.72	-7.13
December 15	-3.87*	-4.07*	<b>-28.00**</b>	-6.52	-6.32	-7.53
December 17 Old West Monitor Additional Monitoring Event	-	-	-5.70	-	-	-
December 27	-4.68*	-4.07*	-5.50	-6.52	-6.72	-6.92

\*Sample is acceptable as within the MECP acceptable pressure of receipt of between -1.6 to -13.4 inches Hg but outside the MECP recommended pressure on receipt range of - 5 to -10 inches Hg.

\*\* Sample is invalid as the Summa canister pressure on receipt was outside the MECP acceptable range of -1.6 to -13.4 inches Hg.

**Table 3: PUF Filter Total Volumes**

<b>Monitoring Event Date</b>	<b>+B(a)P PUF Total Volume [m<sup>3</sup>]</b>					<b>HAMN STN 29164</b>
	<b>East</b>	<b>North</b>	<b>Old West</b>	<b>South</b>	<b>New West</b>	
December 3	334.0	335.0	334.0	312.0	329.0	342.4
December 15	346.2	331.0	341.6	327.6	330.4	343.8
December 27	343.3	343.6	344.7	333.5	323.2	341.8

## 4.0 SUMMARY OF BENZENE MEASUREMENTS

Table 4: Summary of December 2025 Benzene Measurements

Monitoring Event Date	East	Measured Concentration [ $\mu\text{g}/\text{m}^3$ ]				HAMN STN 29164
		North	Old West	South	New West	
December 3	14.8*	3.08*	1.39	0.593	0.767	1.99
December 15	7.09*	1.46*	Invalid sample**	0.727	0.453	0.697
December 17 Old West Monitor Additional Monitoring Event	-	-	1.55	--	--	-
December 27	3.12*	1.68*	4.48	25.2	2.55	0.462

\*Sample is acceptable as within the MECP acceptable pressure of receipt of between -1.6 to -13.4 inches Hg but outside the MECP recommended pressure on receipt range of - 5 to -10 inches Hg.

\*\* Sample is invalid as the Summa canister pressure on receipt was outside the MECP acceptable range of -1.6 to -13.4 inches Hg.

Three sets of valid benzene measurements at each monitor were taken in December 2025. The measurements range from  $0.453 \mu\text{g}/\text{m}^3$  to  $25.2 \mu\text{g}/\text{m}^3$  benzene, with the highest value being detected at the **south monitor** during the **Saturday December 27, 2025, MECP Monitor monitoring event**.

All the benzene concentrations measured during the December 2025 MECP monitoring events were below the 24-hour Upper Risk Threshold (URT) of  $100 \mu\text{g}/\text{m}^3$  benzene.

## 5.0 SUMMARY OF B(a)P MEASUREMENTS.

**Table 5: Summary of December 2025 B(a)P Measurements.**

Monitoring Event Date	Measured Concentration [ $\mu\text{g}/\text{m}^3$ ]					HAMN STN 29164
	East	North	Old West	South	New West	
December 3	0.00058	0.00130	<b>0.00674*</b>	< 0.00032	0.00085	<0.00029
December 15	<b>0.0182*</b>	0.00072	<0.00029	<0.00031	<0.00030	<0.00029
December 27	<0.00029	<0.00030	<0.00029	<0.00031	<0.00030	0.00125

\*Above the  $0.00430 \mu\text{g}/\text{m}^3$  B(a)P Measured Level Threshold (MLT) and the  $0.0050 \mu\text{g}/\text{m}^3$  B(a)P 24-hr Upper Risk Threshold (URT).

Three sets of B(a)P measurements were taken in December 2025. The B(a)P measurements ranged from  $< 0.00029 \mu\text{g}/\text{m}^3$  to  $0.0182 \mu\text{g}/\text{m}^3$  B(a)P, with the highest value being detected at the **east monitor** during the **Monday December 15, 2025, monitoring event**. All the B(a)P measurements are summarized in Table 5 above, and copies of the laboratory analysis reports are provided in Appendix B.

The B(a)P concentrations of  $0.00674 \mu\text{g}/\text{m}^3$  B(a)P measured at the old west monitor on the **Wednesday December 3, 2025, MECP monitoring event** and  $0.0182 \mu\text{g}/\text{m}^3$  B(a)P measured at the east monitor on the **Monday December 15, 2025, MECP monitoring event** were both above the  **$0.00430 \mu\text{g}/\text{m}^3$  B(a)P Measured Level Threshold (MLT)** which triggered the preparation of the December 2025 AML report.

These measurements were also above the **24-hr Upper Risk Threshold (URT) of  $0.0050 \mu\text{g}/\text{m}^3$  B(a)P** which required **Section 30 Notifications to the MECP**.

All the remaining B(a)P concentrations measured during the three December 2025 monitoring events were below the  **$0.0043 \mu\text{g}/\text{m}^3$  Measured Level Threshold (MLT)** and below the **24-hr Upper Risk Threshold (URT) of  $0.0050 \mu\text{g}/\text{m}^3$  B(a)P**

## 6.0 CONCLUSIONS

The B(a)P concentrations of **0.00674 µg/m<sup>3</sup> B(a)P** measured at the old west monitor on the **Wednesday December 3, 2025, MECP monitoring event** and **0.0182 µg/m<sup>3</sup> B(a)P** measured at the east monitor on the **Monday December 15, 2025, MECP monitoring event** were both above the **0.00430 µg/m<sup>3</sup> B(a)P Measured Level Threshold (MLT)** which triggered the preparation of the December 2025 AML report. These measurements were also above the **24-hr Upper Risk Threshold (URT) of 0.0050 µg/m<sup>3</sup> B(a)P which required Section 30 Notifications to the MECP.**

All the remaining B(a)P concentrations measured during the three December 2025 monitoring events were below the **0.0043 µg/m<sup>3</sup> Measured Level Threshold (MLT)** and below the **24-hr Upper Risk Threshold (URT) of 0.0050 µg/m<sup>3</sup> B(a)P**

All the benzene concentrations measured during the three December 2025 MECP monitoring events were below the 24-hour Upper Risk Threshold (URT) of 100 µg/m<sup>3</sup> benzene.

All the summa canister pressures on receipt were within the MECP acceptable pressures of receipt of between -1.6 to -13.4 inches Hg except for at the old west VOC monitor on the **Monday December 15, 2025, MECP monitoring event** where we recorded a summa canister pressure on receipt of -28.0 inches Hg likely due to a VOC sampler timer internal valve failure.

The **old west VOC monitor was operated again on the successful Wednesday December 17, 2025, Old West Monitor Additional monitoring event.**

## Signature Page

*Robin Hart*

Robin S. Hart P.Eng.

Environmental Engineer

Rain Carbon Canada Inc.

**APPENDIX A**

**Monitoring Plan**



**REPORT**

# Monitoring Plan for Benzo(a)pyrene and Benzene

*Rain Carbon Canada Inc.*

Submitted to:

## **Distribution List**

Submitted by:

## **Rain Carbon Canada Inc.**

725 Strathearne Ave. N  
Hamilton, ON  
L8H 5L3

September 2020

## Distribution List

1 PDF Copy - MECP, SDB, Toronto

1 PDF Copy - MECP, Hamilton District Office, Hamilton

1 PDF Copy - Golder Associates.

# Table of Contents

<b>1.0 INTRODUCTION .....</b>	<b>1</b>
1.1    Description of the Facility	1
1.2    Description of the Process	1
1.3    Operating Schedule	1
<b>2.0 AIR QUALITY MONITORING PROGRAM .....</b>	<b>2</b>
2.1    Sampling Systems and Methodology	2
2.1.1 Calibration	2
2.2    Monitor Locations	3
2.2.1 Siting Criteria	4
2.3    Meteorological Data and Background Concentrations	4
2.4    Laboratory Analysis	5
2.5    Review of Monitoring Locations	5
<b>3.0 REPORTING .....</b>	<b>6</b>
3.1    Measured Level Threshold	6
<b>4.0 CLOSURE .....</b>	<b>6</b>

## TABLES

Table 2.1: Standard Operation Procedures for Monitoring.....	2
Table 2.2: Relocation Details and Justification.....	3
Table 2.3: Monitor Locations Comparison to MECP Siting Criteria .....	4
Table 2.4: Meteorological Station Information.....	5
Table 2.5: Analytical Methodology.....	5

## FIGURES

Figure 1 – Site Plan
Figure 2 – Environmental Monitor Locations

## APPENDICES

<b>APPENDIX A</b>
Site Photos

## **1.0 INTRODUCTION**

Rain Carbon Canada Inc. (Rain Carbon) prepared an amendment to the monitoring plan (the Plan) which was approved by the Ontario Ministry of Environment, Conservation and Parks (MECP) in November 2019 as part of the conditions of the Site-Specific Standard (SSS) approvals for B(a)P (no. 201-17-rv0) and benzene (no. 202-17-rv0) issued to the Facility on November 21, 2017.

This updated Plan has been prepared to incorporate the fact that the north, east and west monitoring stations have now all been relocated as described in the Plan issued in November 2019 and are now all operational .

(The Plan describes the current air monitoring program performed to monitor concentrations of B(a)P and benzene emissions from the Facility).

### **1.1 Description of the Facility**

Rain Carbon operates a coal tar and petroleum material processing plant located at 725 Strathearne Avenue N., Hamilton, Ontario. The Facility employs 85 people. The size of the plant is about 14 acres and it is in an area zoned for industrial use. The location of the Facility is presented in Figure 1 – Site Location Plan.

### **1.2 Description of the Process**

Rain Carbon processes coal tar and petroleum-based materials into products. The primary production line is to manufacture coal tar pitch and coal tar distillates (CTDs) by processing coal tar. The process is comprised of the following processes and equipment:

- Coal Tar Handling;
- Distillation Process ;
- Product Storage Handling;
- Natural Gas Combustion Equipment;
- Fume Gathering and Incineration (FGI) System;
- Fume Scrubber System (FSS); and
- Wastewater Collection and Treatment.

### **1.3 Operating Schedule**

The Facility operates continuously 24 hours a day, seven days a week and 52 weeks per year.

## 2.0 AIR QUALITY MONITORING PROGRAM

### 2.1 Sampling Systems and Methodology

As B(a)P and benzene require different sampling methods, two types of sampling systems will be installed at each monitoring location (described below in Section 2.2). A PUF PAH sampling system will be used to detect condensable and non-condensable fractions of B(a)P while a VOC canister system will be used to detect benzene.

Samples will be taken over 24-hour period every 12 days. This schedule will be matched to that of the Hamilton Air Monitoring Network (HAMN) to enable comparisons with background B(a)P and benzene levels.

Monitoring will be carried out in accordance with the standard procedures summarized in Table 2.1.

**Table 2.1: Standard Operation Procedures for Monitoring**

Pollutant	Reference Documents	Method
Benzene	USEPA Report EPA/625/R-96/010/b, USEPA Method TO-15. ASTM Method D5466-01 Standard Test Method for the Determination of VOCs (Canister Sampling Method) Environment Canada SOP for Passive Canister Sampling – Passive FCSOP05.	Determination of VOCs in Air Collected in Specially Prepared Canister.
B(a)P	SEPA Report EPA/625/R-96/010/b, USEPA Method TO-13A. ASTM Method D6209-98 (2004), Vol. 11.07 A Guide to Air Filter (TSP and PM-10) Sampling and Submission, Ministry of the Environment, Conservation and Parks, May 2003.	Determination of PAHs in Ambient Air Using the hi-vol Method with Teflon-coated Glass Fiber Filter and Sorbent Cartridge; Quantitative GC/MS Detection.

Rain Carbon worked with Rotek Environmental Inc. (Rotek) and others to install the monitoring equipment. Samples are collected by Rain Carbon staff and sent to an accredited laboratory for analysis. Rain Carbon will prepare the monitoring reports as required by the orders.

#### 2.1.1 Calibration

Calibrations will be carried out in accordance with MECP standard operating procedures stating that operators must perform an external performance check and calibration on continuous and non-continuous air monitoring and sampling equipment with a certified calibration unit. This requires that the calibration materials/gases and measurement devices, such as flow meters and pressure gauges, must be certified for accuracy against a reference or transfer standard traceable to a primary reference standard of the United States National Institute of Standards and Technology (NIST) or another equivalent international standards institute. This is to ensure consistency across the province and reproducibility. Calibration devices must also undergo an annual certification assessment.

The monitoring equipment is calibrated by Rotek.

## 2.2 Monitor Locations

The monitoring locations were selected based on input from the MECP. Based on experience gained through implementing the monitoring program, Rain Carbon relocated the original North, East, and West Monitoring Stations but not the South Monitoring Station. The descriptions of the monitoring station locations are summarized in Table 2.2 below. The monitoring station locations are shown in Figure 2.

**Table 2.2: Monitoring Station Locations.**

Monitoring Station	Location
North Monitor	This location is at the north fence line, north of Tank 91, with the inlet at an elevation of between 3 m and 15 m above grade and positioned at a distance of at least 2 m away from any structure.
East Monitor	This location is at the east fence line and east of Tank 36 with the inlet at a distance equal or greater than 2 m away from a structure and at an elevation of between 3 m and 15 m above grade.
Old West Monitor	This old west location, approximately 8 metres east of the property boundary, is on a platform above Tank 77 (approximately 13 above grade) is currently located relatively close to and above the railcar loading stations.
New West Monitor	This new west location is closer to ground level to be consistent with the other monitor locations, between the west fence line and the rail tracks, and north of the railcar track 2 spot 10 area with the inlet at an elevation of between 3 m and 15 m above grade and positioned far from any structure.
South Monitor	This location is at the south fence line, south of Tank 3, with the inlet at an elevation of between 3 m and 15 m above grade and positioned at a distance of at least 2 m away from any structure.

Detailed descriptions of the emission sources at the Facility are summarized in the Monitoring Plan approved by the MECP in April 2018.

## 2.2.1 Siting Criteria

A comparison of each monitoring location against the siting criteria set out in the MECP Operations Manual is provided in Table 2.3 below.

**Table 2.3: Monitor Locations Comparison to MECP Siting Criteria.**

Contaminant	Criteria	Monitor Location				
		North	East	Old West	New West	South
B(a)P and Benzene	Inlet height 3 to 15 m above grade	Inlet 3 to 15 m above grade	Inlet 3 to 15 m above grade	Inlet 3 to 15 m above grade	Inlet 3 to 15 m above grade	Inlet 3 to 15 m above grade
B(a)P and Benzene	Inlet at least 1 m (vertical) and 2 m (horizontal) away from structure	Yes	Yes	Yes	Yes	Yes
B(a)P and Benzene	No nearby furnace or incineration flues	None	None	None	None	None
B(a)P	Avoids nearby non-process PAH sources (asphalt rooftops, rooftop tarring and roadway/parking lot paving activities) and smoking areas	Yes	Yes	Yes	Yes	Yes
Benzene	Meets minimum separation distance from roadway (10 m)	Yes	Yes	Yes	Yes	Yes

## 2.3 Meteorological Data and Background Concentrations

The HAMN is used to document meteorological conditions during monitoring events. The previous closest meteorological station to the Facility was station STN29165; however, this station has not been operational since November 1, 2017. Meteorological conditions will be documented using the following nearby HAMN stations: STN29102, STN29180, and STN29565. When conditions are highly variable, the following stations may also be used to document meteorological conditions: STN29167, STN29171, and STN29567.

The background benzene and B(a)P concentrations in the vicinity of the Facility will be reviewed to evaluate the potential impact of nearby sources of emission on the Facility. Rain Carbon will use data from nearby HAMN monitoring stations, prepared by HAMN on a quarterly basis. The HAMN stations to be used

to inform background concentrations include the following HAMN stations: STN29567, STN29547, STN29102 and STN29180. Information on these stations is presented in Table 2.4.

**Table 2.4: Meteorological Station Information**

HAMN Station	29567	29180	29547	29102	29167	29171	29565
Wind Speed and Direction	✓	✓	—	✓	✓	✓	✓
B(a)P Concentration	✓	✓	✓	—	—	—	—
Benzene Concentration	✓	✓	—	✓	—	—	—
Approximate Distance from Facility [km]	3.9	2.4	1.0	1.5	1.7	2.3	1.3
Orientation from Facility	W	WSW	N	NNE	NNW	WNW	S

The background data assessment will be used to provide context for the Rain Carbon monitoring results should high values be measured. Please note that background values will not be subtracted from the Rain Carbon monitoring results.

## 2.4 Laboratory Analysis

Rain Carbon will continue to work with the same accredited laboratories that have been retained to analyse samples obtained from the HAMN. The proposed method detection limits and analytical methods are summarized below in Table 2-5.

**Table 2.5: Analytical Methodology**

Contaminant	Methodology	Method Detection Limit
B(a)P	Gas chromatography mass spectrometry	0.0001 µg/m <sup>3</sup> (0.1 ng/m <sup>3</sup> )
Benzene	Mass spectrometry or other detector(s) such as flame ionization detector (FID) or electron capture detector (ECD)	0.16 µg/m <sup>3</sup>

## 2.5 Review of Monitoring Locations

As fees for monitoring equipment rental and/or purchase, sampling materials and laboratory analysis represent a significant, long-term capital expense, Rain Carbon will continue to review the effectiveness and value of each monitoring location. In consultation with the District Manager and the Environmental Monitoring Team, Rain Carbon will propose if any of the monitors can be removed.

## **3.0 REPORTING**

Summary reports of B(a)P and benzene monitoring results will be submitted to the District Manager and the Environmental Monitoring Team as set out in the SSS approval documents.

### **3.1 Measured Level Threshold**

Within 30 days of a B(a)P concentration measuring above the Measured Level threshold in the SSS approval, Rain Carbon will submit a report to the District Manager and SDB Director. The report will contain information such as an analysis of the cause of the measurement above the Measured Level threshold, the Facility production rate at the time and other items as required by Condition 2 of the B(a)P SSS approval.

## **4.0 CLOSURE**

This monitoring plan describes the amended air monitoring program that will be performed in accordance with the Rain Carbon SSS approvals for B(a)P and benzene.

## Signature Page



Robin S. Hart P.Eng.

Environmental Engineer

Rain Carbon Canada Inc.

# Figures

**Figure 1: Site Plan**



**Figure 2: Environmental Monitor Locations**



**APPENDIX A**

**Site Photos**

**Figure A1: Site-Wide Aerial View 1**



**Figure A2: Site-Wide Aerial View 2**



**Figure A4: Aerial View 2 – North Monitoring Station.**



**Figure A3: Aerial View 1 – Existing South Monitoring Station**



**Figure A3: Aerial View 3 – New and Old West Monitoring Stations**

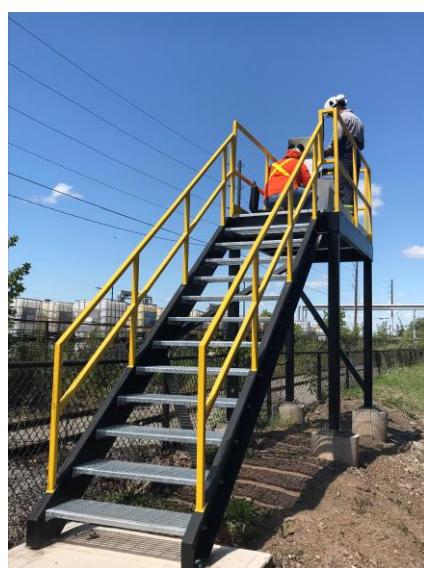
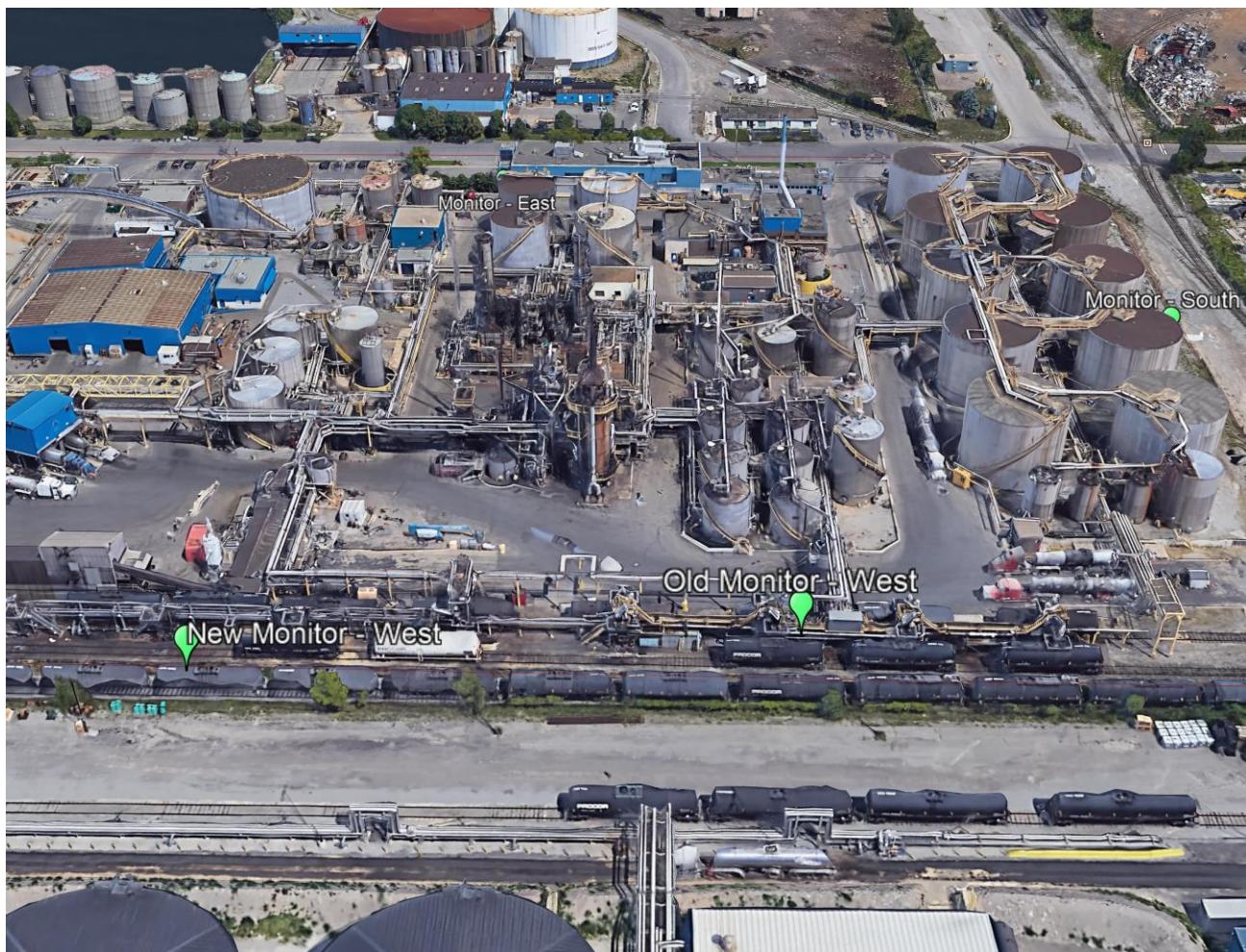




Figure A4: Aerial View 4 – East Monitoring Station

**APPENDIX B**

**Laboratory Analysis**

## Rain Carbon Canada Inc. - Monthly BaP Sampling Report

<b>Reporting Period</b>	: December 2025
<b>Sampling Methods</b>	: CARB429(ARBM1,M2) mod
<b>Sampling Times</b>	: 24-hour duration starting at 00:00 EST on the Sample Date

Parameter
Units
Analytical RDL
Annual Site-Specific Standard

BaP
ng/m <sup>3</sup>
0.315
0.8

Sample Date
December 3
December 15
December 27

Location					
East	North	Old West	South	New West	STN29164
0.58	1.30	6.74	0.16	0.85	0.145*
18.20	0.72	0.145	0.155	0.15	0.145*
0.145	0.15	0.145	0.155	0.15	1.25*

Monthly Ave
Monthly Max
Monthly Min
No. of Samples > Standard
No. of Valid Samples
% Valid Data

6.31	0.72	2.34	0.157	0.38	0.51
18.20	1.30	6.74	0.16	0.85	1.25*
0.145	0.15	0.145	0.155	0.15	0.155*
1	1	1	0	1	1*
3	3	3	3	3	3*
100	100	100	100	100	100*

\*These results alone follow Rotek reporting protocol

**Note:** All non detectable results reported as ½ the Reportable Detection Limit (RDL).

**Comments:**

## Rain Carbon Canada Inc. - VOC Sampling Report

**Reporting Period** : December 2025  
**Sampling Methods** : GC/MS (TO15)  
**Sampling Times** : 24-hour duration starting at 00:00 EST on the Sample Date

Parameter
Units
Analytical RDL
Annual Site-Specific Standard

Benzene	
	µg/m <sup>3</sup>
	0.319
	12.7

Sample Date
December 3
December 15
December 17 Old West Monitor Additional Monitoring Event
December 27

Location					
East	North	Old West	South	New West	STN29164
14.80	3.08	1.39	0.593	0.767	1.99*
7.09	1.46	Invalid sample	0.727	0.453	0.697*
-	-	1.55	-	-	-
3.12	1.68	4.48	25.2	2.55	0.462*

Monthly Ave
Monthly Max
Monthly Min
No. of Samples >Standard
No. of Valid Samples
% Valid Data

8.34	2.07	2.47	8.84	1.26	1.05*
14.80	3.08	4.48	25.2	2.55	1.99*
3.12	1.46	1.39	0.593	0.453	0.462*
1	0	0	1	0	0*
3	3	3	3	3	3*
100	100	100	100	100	100*

\*These results alone follow Rotek reporting protocol

**Note:** All non detectable results reported as ½ the Reportable Detection Limit (RDL).

**Comments:**

## Rain Carbon Canada Inc. - Monthly BaP Sampling Report

**Reporting Period** : December 2025  
**Sampling Method** : CARB429(ARBM1,M2) mod  
**Sampling Times** : 24 hour duration starting at 00:00 EST on the Sample Date

Parameter	BaP
Units	ng/m <sup>3</sup>
Analytical RDL	0.315
Annual Site Specific Standard	0.8

Sample Date	Location					
	East	North	Old West	South	New West	STN29164
03-Dec-25	---	---	---	---	---	0.15
15-Dec-25	---	---	---	---	---	0.15
27-Dec-25	---	---	---	---	---	1.25

<b>Monthly Ave</b>	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.52
<b>Monthly Max</b>	0.00	0.00	0.00	0.00	0.00	1.25
<b>Monthly Min</b>	0.00	0.00	0.00	0.00	0.00	0.15
<b>No. of Samples &gt;Standard</b>	0	0	0	0	0	1
<b>No. of Valid Samples</b>	0	0	0	0	0	3
<b>% Valid Data</b>	0	0	0	0	0	100

Note: All non detectable results reported as ½ the Reportable Detection Limit (RDL).

<b>Comments</b>
-----------------

## Rain Carbon Canada Inc. - VOC Sampling Report

**Reporting Period** : December 2025  
**Sampling Methods** : GC/MS (TO15)  
**Sampling Times** : 24 hour duration starting at 00:00 EST on the Sample Date

Parameter	Benzene
Units	ug/m <sup>3</sup>
Analytical RDL	0.319
Site Specific Standard	12.7

Sample Date	Location					
	East	North	Old West	South	New West	STN29164
03-Dec-25	---	---	---	---	---	1.99
15-Dec-25	---	---	---	---	---	0.70
27-Dec-25	---	---	---	---	---	0.46

<b>Monthly Ave</b>	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.05
<b>Monthly Max</b>	0.00	0.00	0.00	0.00	0.00	1.99
<b>Monthly Min</b>	0.00	0.00	0.00	0.00	0.00	0.46
<b>No. of Samples &gt;Standard</b>	0	0	0	0	0	0
<b>No. of Valid Samples</b>	0	0	0	0	0	3
<b>% Valid Data</b>	0	0	0	0	0	100

**Note:** All non detectable results reported as ½ the Reportable Detection Limit (RDL).

<b>Comments</b>
-----------------

**APPENDIX C**

**Chain of Custody Forms**

16 / 16 / 17 MELTED ice face

BV 1185060



NQNT-2025-12-1580



6740 Campobello Rd  
Mississauga Ontario, L5N 2L8

## Chain of Custody Form - PUF / PAH

Page 1 of 2

**ANALYSIS REQUESTED**



NONT-2025-12-2336

TAT Requirement		PROJECT INFORMATION		REPORTING REQUIREMENTS		Notes	
STD 10 Business day	<input checked="" type="checkbox"/>	Project #:	EDD Regulations ON 153 ON 419 BC CSR Other		<input type="checkbox"/>		
Rush 5 Business day *	<input type="checkbox"/>	Name: Rain Carbon Canada Inc			<input type="checkbox"/>		
Rush 2 Business day *	<input type="checkbox"/>	PO #: 32669			<input type="checkbox"/>		
Rush Other *	<input type="checkbox"/>	Bureau Veritas Quote #:			<input type="checkbox"/>		
* need approval from Bureau Veritas		Bureau Veritas Contact: Cristina Bacchus	<input type="checkbox"/>		PROJECT SPECIFIC COMMENTS		
		Task Order/Line Item	<input type="checkbox"/>		- 91-101-8		
Client Signature: Doug Cunningham		Received by: <u>ANmolpreet Singh</u>	<input type="checkbox"/>		Analyse for BaP only in ng/m3.		
Date/Time: 12-Dec-25		9:35	<input type="checkbox"/>		Please copy results to <a href="mailto:york.zhang@raincarbon.com">york.zhang@raincarbon.com</a> , <a href="mailto:robin.hart@raincarbon.com">robin.hart@raincarbon.com</a> , <a href="mailto:jennifer.davies@rotekinc.com">jennifer.davies@rotekinc.com</a> , <a href="mailto:daszko@rotekinc.com">daszko@rotekinc.com</a>		
Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <a href="http://www.bvlabs.com/terms-and-conditions">http://www.bvlabs.com/terms-and-conditions</a>							



15 Keefer Court  
Hamilton, Ontario  
L8E 4V4  
Phone 905 573 9533  
Fax 905 578 5167

### PAH Sample Submission Sheet

Sample Date	03-Dec-25
Project ID	Rain Carbon Canada Inc
Sampler Model	TE-1000
Site Operator	York Zhang / Robin Hart

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station No.	Sample Date	PUF Cartridge #	Maxxam Filter ID #	Install Date	MAGN On	Removal Date	MAGN Off	Total Volume	Submission Date
				Install Time	inH2O	Removal Time	inH2O		
STN29164	03 Dec 2025	PUF #1 AWLB65-01	AWLB64-01	02-Dec-25 10:40	38	08-Dec-25 12:30	38	342.4	12-Dec-25

Comment 1:	
Comment 2:	





C5F9494

2025/12/18 09:59



15 Keefer Court  
Hamilton, Ontario  
L8E 4V4  
Phone 905 573 9533  
Fax 905 578 5167

### PAH Sample Submission Sheet

Sample Date	15-Dec-25
Project ID	Rain Carbon Canada Inc
Sampler Model	TE-1000
Site Operator	York Zhang / Robin Hart

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station No.	Sample Date	PUF Cartridge #	Maxxam Filter ID #	Install Date Install Time	MAGN On inH2O	Removal Date Removal Time	MAGN Off inH2O	Total Volume m3	Submission Date
STN29164	15 Dec 2025	PUF #1 AXLK53-01	AXLK52-01	13-Dec-25 13:20	38	17-Dec-25 11:35	38	343.8	18-Dec-25
Comment 1 :									
Comment 2 :									



C5G2627

2025/12/30 10:09



**AIR**  
Toll Free: 1-800

6740 Campobello Rd  
Mississauga Ontario, L5N 2L8  
[www.bylabs.com](http://www.bylabs.com)

Toll Free: 1-800-668-0633  
Phone: (905) 817-5700  
Fax: (905) 817-5777

CAM FCD-01302 /3

## Chain of Custody Form - PUF / PAH

Page 1 of 2

**ANALYSIS REQUESTED**

INVOICE INFORMATION		REPORT INFORMATION			START VACUUM (inches of Hg)  END VACUUM (inches of Hg)	SOIL VAPOUR  AMBIENT/INDOOR AIR  AMBIENT/COMMERCIAL/INDUSTRIAL  SUB-SLAB GAS	FULL LIST OF VOCs (reference TO15A)		BTEX/Aromatic/Aliphatic Hydrocarbon Fractions  BTTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify  PAHs on PUF by EPA TO13  DO NOT ANALYZE	
Company Name:	Rotek Environmental Inc	Company Name:	Rotek Environmental Inc								
Contact Name:	Paul Daszko	Project Manager:	Paul Daszko								
Address:	15 Keefer Court Hamilton	Address:	15 Keefer Court Hamilton								
	ON L8E 4V4		ON L8E 4V4								
E-mail:	poore@rotekinc.com	E-mail:	jennifer.davies@rotekinc.com								
Ph:	905 573 9533	Ph:	905 573 9533								
Sampled by:	Robin Hart										
Field Sample ID		BV PUF ID #	Flow Regulator Serial #	Retrieval Date							
STN29164	27-Dec-25	PUF #1	AXLK63-01	---			29-Dec-25				
---	---	---	---	---	---						
---	---	---	---	---	---						
---	---	---	---	---	---						
---	---	---	---	---	---						
---	---	---	---	---	---						
---	---	---	---	---	---						
---	---	---	---	---	---						
---	---	---	---	---	---						
---	---	---	---	---	---						
TAT Requirement		PROJECT INFORMATION			REPORTING REQUIREMENTS			Notes			
STD 10 Business day	<input checked="" type="checkbox"/>	Project #:			EDD	Regulations ON 153 ON 419 BC CSR	<input type="checkbox"/>	1) please indicate on chain of custody if your samples are soil vapour or ambient air			
Rush 5 Business day *	<input type="checkbox"/>	Name:	Rain Carbon Canada Inc		Other		<input type="checkbox"/>	2) please list all canisters on the chain of custody even if unused			
Rush 2 Business day *	<input type="checkbox"/>	PO #:	32669				<input type="checkbox"/>				
Rush Other *	<input type="checkbox"/>	Bureau Veritas Quote #:					<input type="checkbox"/>				
* need approval from Bureau Veritas		Bureau Veritas Contact:	Cristina Bacchus								
Client Signature: Doug Cunningham		Task Order/Line Item	Received by:		PROJECT SPECIFIC COMMENTS						
Date/Time: 30-Dec-25		10:05	Date/Time:		Analyse for BaP only in ng/m <sup>3</sup> . Please copy results to york.zhang@raincarbon.com, robin.hart@raincarbon.com, jennifer.davies@rotekinc.com, daszko@rotekinc.com						
Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <a href="http://www.bvlabs.com/terms-and-conditions">http://www.bvlabs.com/terms-and-conditions</a>											

C5G2627

2025/12/30 10:09



15 Keefer Court  
Hamilton, Ontario  
L8E 4V4  
Phone 905 573 9533  
Fax 905 578 5167

### PAH Sample Submission Sheet

Sample Date	15-Dec-25
Project ID	Rain Carbon Canada Inc
Sampler Model	TE-1000
Site Operator	York Zhang / Robin Hart

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station No.	Sample Date	PUF Cartridge #	Maxxam Filter ID #	Install Date	MAGN On	Removal Date	MAGN Off	Total Volume m3	Submission Date
				Install Time	inH2O	Removal Time	inH2O		
STN29164	27 Dec 2025	PUF #1 AXLK63-01	AXLK62-01	23-Dec-25 11:20	38	29-Dec-25 13:10	37	341.8	30-Dec-25

Comment 1 :

Comment 2 :



6740 Campobello Rd  
Mississauga Ontario, L5N 2L  
[www.hylabs.com](http://www.hylabs.com)

Toll Free: 1-800-668-0639  
Phone: (905) 817-5700  
Fax: (905) 817-5777

## Chain of Custody Form - Summa™ Canister

CAM FCD-01302 /3

Page 1 1

INVOICE INFORMATION				REPORT INFORMATION				ANALYSIS REQUESTED																			
Company Name: Rain Carbon Canada Inc		Company Name: Rain Carbon Canada		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Project Manager: Robin Hart</p> <p>Address: 725Strathearne Avenue Hamilton, ON</p> <p>E-mail: <a href="mailto:robin.hart@raincarbon.com">robin.hart@raincarbon.com</a></p> <p>Ph: 1-647-281-8094</p> </div> <div style="width: 45%;"> <p>Address: 725Strathearne Avenue Hamilton, ON</p> <p>E-mail: <a href="mailto:robin.hart@raincarbon.com">robin.hart@raincarbon.com</a></p> <p>Ph: 1-647-281-8094</p> </div> </div>				START VACUUM (inches of Hg)		END VACUUM (inches of Hg)		SOIL VAPOUR		AMBIENT/INDOOR AIR		AMBIENT/COMMERCIAL/INDUSTRIAL		SUB-SLAB GAS		FULL LIST OF VOCs (reference TO15A)		Selected VOC's - please specify		CANISTERS NOT USED			
Contact Name: Robin Hart		Project Manager: Robin Hart																									
Address: 725Strathearne Avenue Hamilton, ON		Address: 725Strathearne Avenue Hamilton, ON																									
E-mail: <a href="mailto:robin.hart@raincarbon.com">robin.hart@raincarbon.com</a>		E-mail: <a href="mailto:robin.hart@raincarbon.com">robin.hart@raincarbon.com</a>																									
Ph: 1-647-281-8094		Ph: 1-647-281-8094																									
Sampled by: Robin Hart																											
Field Sample ID				Canister Serial #	Flow Regulator Serial #	Collection Date																					
East Canister VOC December 3, 2025				262		03-Dec-25																					
North Canister VOC December 3, 2025				131		03-Dec-25																					
Old West Canister VOC December 3, 2025				32589		03-Dec-25																					
South Canister VOC December 3, 2025				2758		03-Dec-25																					
New West Canister VOC December 3, 2025				14907		03-Dec-25																					
TAT Requirement		PROJECT INFORMATION			REPORTING REQUIREMENTS				<p><b>Notes</b></p> <p>1) please indicate on chain of custody if your samples are soil vapour or ambient air</p> <p>2) please list all canisters on the chain of custody even if unused</p> <p><b>PROJECT SPECIFIC COMMENTS</b></p>																		
STD 10 Business day <input checked="" type="checkbox"/>		Project #: Rain Carbon Canada Inc.			<input type="checkbox"/> EDD <input type="checkbox"/> Regulations <input type="checkbox"/> ON 153 <input type="checkbox"/> ON 419 <input type="checkbox"/> BC CSR <input type="checkbox"/> Other																						
Rush 5 Business day * <input type="checkbox"/>		Name: Robin Hart																									
Rush 2 Business day * <input type="checkbox"/>		PO #: <b>4500625271</b>																									
Rush Other * <input type="checkbox"/>		Bureau Veritas Quote #:																									
* need approval from Bureau Veritas		Bureau Veritas Contact: Cristina Bacchus																									
		Task Order/Line Item																									
Client Signature: Robin Hart Environmental Engineer					Received by: _____																						
Date/Time: 8-Dec-25 3:00 PM					Date/Time: _____																						
<b>PLEASE RETURN ALL UNUSED EQUIPMENT</b>																											



15 Keefer Court  
Hamilton, Ontario  
L8E 4V4  
Phone 905 573 9533  
Fax 905 578 5167

## VOC Canister Sample Submission Sheet

Sample Date	03-Dec-25
Project Name	Rain Carbon Canada Inc.
Contact Name	Paul Daszko
Contact Number	905 531 2815

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station Number	Canister ID Number	Sample Date	Installation Date	Installation Time	Initial Pressure	Time On	Time Off	Elapsed Time	Final Pressure	Retrieval Date	Retrieval Time
STN29164	5844	03-Dec-25	02-Dec-25	10:45	-30.0	00:01	23:59	24.0	-9.0	08-Dec-25	12:35

Comment 1 :

Comment 2 :





**BUREAU  
VERITAS**

6740 Campobello Rd  
Mississauga Ontario L5N 2L8  
[www.bvlabs.com](http://www.bvlabs.com)

**CHAIN OF CUSTODY FORM - AIR**

CLIENT INFORMATION		SECTION		ANALYSIS REQUESTED	
Company Name: Rain Carbon Canada Inc. Project Manager: Robin Hart e-mail: <a href="mailto:Robin.hart@raincarbon.com">Robin.hart@raincarbon.com</a> Address: 725Strathearne Avenue Hamilton, ON  Phone: 1-647-281-8094      Fax: _____  Sampled by: Robin Hart _____		PAHs on PUF as per ERP 7013			
TAT Requirement	PROJECT INFORMATION		REPORTING REQUIREMENTS		
STD 10 Business day <input type="checkbox"/>	Project #: <u>Rain Carbon Canada Inc.</u>		Summary Report only <input checked="" type="checkbox"/>		
Rush 5 Business day * <input type="checkbox"/>	Name: <u>Rain Carbon Canada Inc.</u>		EDD <input checked="" type="checkbox"/>		
Rush 2 Business day * <input type="checkbox"/>	PO #: <u>4500625271</u>		Regulation <input type="checkbox"/>		
* need approval from Bureau Veritas	BV Quote #: <u></u>				
BV Contact: <u>Cristina Bacchus</u>					
Client Signature: <u>Robin Hart</u>	Received by: _____				
Affiliation: <u>Environmental Engineer</u>	Affiliation: _____				
Date/Time: <u>18-Dec-25 7:00 PM</u>	Date/Time: _____				
Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgement and acceptance of our terms available at <a href="http://www.bvlabs.com/terms-and-conditions">http://www.bvlabs.com/terms-and-conditions</a>					
Please note if these samples are "Industrial Hygiene" samples If submitting dust/tall samples, please indicate the diameter of the jar opening in cm. <b>PROJECT SPECIFIC COMMENTS</b>					



15 Keefer Court  
Hamilton, Ontario  
L8E 4V4  
Phone 905 573 9533  
Fax 905 578 5167

## VOC Canister Sample Submission Sheet

Sample Date	15-Dec-25
Project Name	Rain Carbon Canada Inc.
Contact Name	Paul Daszko
Contact Number	905 531 2815

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station Number	Canister ID Number	Sample Date	Installation Date	Installation Time	Initial Pressure	Time On	Time Off	Elapsed Time	Final Pressure	Retrieval Date	Retrieval Time
		dd/mm/yy	dd/mm/yy	EST	inHg	EST	EST	Hours	inHg	dd/mm/yy	EST
STN29164	14070	15-Dec-25	13-Dec-25	13:15	-30.0	00:01	23:59	24.0	-8.0	17-Dec-25	11:40

Comment 1 :

Comment 2 :



6740 Campobello Rd  
Mississauga Ontario L5N 2L8

# AIR

Toll Free: 1-800-668-0639  
Phone: (905) 817-5700  
Fax: (905) 817-5777

18-Dec-25 09:59

Cristina (Maria) Bacchus

C5F9576

CAM FCD-01302 /3

\* Canister Page 2 of 2

ANALYSIS REQUESTED

CANISTERS NOT USED

INVOICE INFORMATION		REPORT INFORMATION		CSM AIR-001	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRY	SUB-SLAB GAS	FULL LIST OF VOCs (reference)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C)	Selected VOC's - please specify	Other - Do Not Analyze		
Company Name:	Rotek Environmental Inc	Company Name:	Rotek Environmental Inc														
Contact Name:	Paul Daszko	Project Manager:	Paul Daszko														
Address:	15 Keefer Court Hamilton ON L8E 4V4	Address:	15 Keefer Court Hamilton ON L8E 4V4														
E-mail:	poore@rotekinc.com	E-mail:	jennifer.davies@rotekinc.com														
Ph:	905 573 9533	Ph:	905 573 9533														
Sampled by:	Robin Hart																
Field Sample ID	Canister Serial #	Flow Regulator Serial #	Retrieval Date														
STN29164 15-Dec-25	14070	---	17-Dec-25														
TAT Requirement		PROJECT INFORMATION		REPORTING REQUIREMENTS		Notes											
STD 10 Business day	<input checked="" type="checkbox"/>	Project #:	EDD		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rush 5 Business day *	<input type="checkbox"/>	Name:	Regulations		ON 153	ON 419	BC CSR										
Rush 2 Business day *	<input type="checkbox"/>	PO #:															
Rush Other *	<input type="checkbox"/>	Bureau Veritas Quote #:	Other														
* need approval from Bureau Veritas		Task Order/Line Item															
Client Signature: Doug Cunningham		Received by:															
Date/Time: 18-Dec-25 10:00		Date/Time:															
Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <a href="http://www.bvlabs.com/terms-and-conditions">http://www.bvlabs.com/terms-and-conditions</a>																	



6740 Campobello Rd  
Mississauga Ontario L5N 2L8  
[www.bylabs.com](http://www.bylabs.com)

**Chain of Custody Form - Summa™ Canis**

22-Dec-25 16:50

Julian Tong

D-01302 /3

Page 1

**C5G1172**

CSM AIR-001

INVOICE INFORMATION		REPORT INFORMATION		Chain of Custody Form - Summa™ Canister										
Company Name:	Rain Carbon Canada Inc	Company Name:	Rain Carbon Canada	ANAL										
Contact Name:	Robin Hart	Project Manager:	Robin Hart											
Address:	725Strathearne Avenue	Address:	725Strathearne Avenue											
	Hamilton, ON		Hamilton, ON											
E-mail:	robin.hart@raincarbon.com	E-mail:	robin.hart@raincarbon.com											
Ph:	1-647-281-8094	Ph:	1-647-281-8094											
Sampled by:	Robin Hart													
Field Sample ID		Canister Serial #	Flow Regulator Serial #	Collection Date	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference TO 15A)	BTEx/Aromatic/Aliphatic Hydrocarbon Fractions	BTEx/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify
Old West Canister VOC December 17, 2025		14255		17-Dec-25										Other
TAT Requirement		PROJECT INFORMATION		REPORTING REQUIREMENTS		Notes								
STD 10 Business day	<input checked="" type="checkbox"/>	Project #: Rain Carbon Canada Inc.		EDD	Regulations	ON 153	<input type="checkbox"/>	1) please indicate on chain of custody if your samples are						
Rush 5 Business day *	<input type="checkbox"/>	Name: Robin Hart				ON 419	<input type="checkbox"/>	soil vapour or ambient air						
Rush 2 Business day *	<input type="checkbox"/>	PO #: 4500625271			BC CSR		<input type="checkbox"/>	2) please list all canisters on the chain of custody even if unused						
Rush Other *	<input type="checkbox"/>	Bureau Veritas Quote #:		Other				PROJECT SPECIFIC COMMENTS						
* need approval from Bureau Veritas		Bureau Veritas Contact: Cristina Bacchus												
Client Signature: Robin Hart Environmental Engineer		Received by:		Signature: Sumaya Courtney Sumaya										
Date/Time: 22-Dec-25 6:00 PM		Date/Time:		2025/12/23 08:30										
PLEASE RETURN ALL UNUSED EQUIPMENT														
CANISTERS NOT USED														

Received by the sample reception at 16:50 on 2025/12/22

2025/12/23

30-Dec-25 16:08

Julian Tong

C5G2906

CD-01302 /3

Page 1 1

 <p>6740 Campobello Rd Mississauga Ontario, L5N 2L8 www.bvlabs.com</p> <p>Toll Free: 1-800-668-0639 Phone: (905) 817-5700 Fax: (905) 817-5777</p>				<p>Chain of Custody Form - Summa™ Can</p> <p>REPORT INFORMATION</p>			
<b>INVOICE INFORMATION</b>		<b>REPORT INFORMATION</b>		<b>ANALYSIS</b>			
<b>Company Name:</b> Rain Carbon Canada Inc		<b>Company Name:</b> Rain Carbon Canada		<b>START VACUUM (inches of Hg)</b>	<b>END VACUUM (inches of Hg)</b>	<b>SOIL VAPOUR</b>	<b>AMBIENT/INDOOR AIR</b>
<b>Contact Name:</b> Robin Hart		<b>Project Manager:</b> Robin Hart					
<b>Address:</b> 725Strathearne Avenue  Hamilton, ON		<b>Address:</b> 725Strathearne Avenue  Hamilton, ON					
<b>E-mail:</b> robin.hart@raincarbon.com		<b>E-mail:</b> robin.hart@raincarbon.com					
<b>Ph:</b> 1-647-281-8094		<b>Ph:</b> 1-647-281-8094					
<b>Sampled by:</b> Robin Hart							
<b>Field Sample ID</b>		<b>Canister Serial #</b>	<b>Flow Regulator Serial #</b>	<b>Collection Date</b>			
East Canister VOC December 27, 2025		7845		27-Dec-25			
North Canister VOC December 27, 2025		32592		27-Dec-25			
Old West Canister VOC December 27, 2025		29300		27-Dec-25			
South Canister VOC December 27, 2025		118		27-Dec-25			
New West Canister VOC December 27, 2025		7793		27-Dec-25			
<b>TAT Requirement</b>		<b>PROJECT INFORMATION</b>		<b>REPORTING REQUIREMENTS</b>		<b>Notes</b>	
STD 10 Business day <input checked="" type="checkbox"/> Rush 5 Business day * <input type="checkbox"/> Rush 2 Business day * <input type="checkbox"/> Rush Other * <input type="checkbox"/>		Project #: Rain Carbon Canada Inc. Name: Robin Hart PO #: 4500625271 Bureau Veritas Quote #: Bureau Veritas Contact: Cristina Bacchus		EDD Regulations Other	ON 153 ON 419 BC CSR	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> BTEX/Aromatic/Aliphatic Hydrocarbon Fractions BTEX/F1 (C6-C10) and F2 (C10-C16)	1) please indicate on chain of custody if your samples are soil vapour or ambient air 2) please list all canisters on the chain of custody even if unused <b>PROJECT SPECIFIC COMMENTS</b>
* need approval from Bureau Veritas		Task Order/Line Item		PLEASE RETURN ALL UNUSED EQUIPMENT			
Client Signature: Robin Hart Environmental Engineer		Received by:					
Date/Time: 31-Dec-25 12:00 PM		Date/Time:					
<small>pm</small>							

Internal Sample Receipt Form											
Sample Identification		Date Sampled	Time Sampled	Matrix	# of Bottles	Comments					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10						<i>✓</i>					
11											
12											
13											
14											
15											
Received by (Signature & Print):		Date	Time	Cooler ID	Temperature	Custody seal Present	Custody Seal Intact	Ice Present			
<i>Sumaya Wurthy Sumaya</i>		2025/12/30				YES	NO	YES	NO	YES	NO

Received by the sample reception at 16:08



15 Keefer Court  
Hamilton, Ontario  
L8E 4V4  
Phone 905 573 9533  
Fax 905 578 5167

### VOC Canister Sample Submission Sheet

Sample Date	27-Dec-25
Project Name	Rain Carbon Canada Inc.
Contact Name	Paul Daszko
Contact Number	905 531 2815

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station Number	Canister ID Number	Sample Date	Installation Date	Installation Time	Initial Pressure	Time On	Time Off	Elapsed Time	Final Pressure	Retrieval Date	Retrieval Time
		dd/mm/yy	dd/mm/yy	EST	inHg	EST	EST	Hours	inHg	dd/mm/yy	EST
STN29164	14509	27-Dec-25	23-Dec-25	11:25	-30.0	00:01	23:59	24.0	-8.0	29-Dec-25	13:00

Comment 1 :

Comment 2 :



**APPENDIX D**

**Certificates of Analysis**



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Site Location: RAIN CARBON CANADA INC.  
Your C.O.C. #: NA

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2025/12/24**  
Report #: R8673941  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F5165**

**Received: 2025/12/05, 17:32**

Sample Matrix: Puf And Filter  
# Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	5	2025/12/09	2025/12/23	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2025/12/10	2025/12/21	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/12/09		

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (k) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Site Location: RAIN CARBON CANADA INC.  
Your C.O.C. #: NA

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2025/12/24**  
Report #: R8673941  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F5165**

**Received: 2025/12/05, 17:32**

Encryption Key

Cristina (Maria) Bacchus  
Project Manager  
24 Dec 2025 08:54:18

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant  
Email: Julian.Tong@bureauveritas.com  
Phone# (905) 817-5700

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 9



BUREAU  
VERITAS

Bureau Veritas Job #: C5F5165

Report Date: 2025/12/24

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AYDU23	AYDU24	AYDU25	AYDU26	
Sampling Date		2025/12/03	2025/12/03	2025/12/03	2025/12/03	
COC Number		NA	NA	NA	NA	
	UNITS	EAST MONITOR PAH DECEMBER 3, 2025 AWWL48-01	NORTH MONITOR PAH DECEMBER 3, 2025 AWWL49-01	OLD WEST MONITOR PAH DECEMBER 3, 2025 AWWL50-01	SOUTH MONITOR PAH DECEMBER 3, 2025 AWWL51-01	QC Batch
Volume	m3	334.0	335.0	334.0	312.0	ONSITE

QC Batch = Quality Control Batch

Bureau Veritas ID		AYDU27	
Sampling Date		2025/12/03	
COC Number		NA	
	UNITS	NEW WEST MONITOR PAH DECEMBER 3, 2025 AWWL52-01	QC Batch
Volume	m3	329.0	ONSITE

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5F5165

Report Date: 2025/12/24

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYDU23	AYDU24	AYDU25	AYDU26		
Sampling Date		2025/12/03	2025/12/03	2025/12/03	2025/12/03		
COC Number		NA	NA	NA	NA		
	UNITS	EAST MONITOR PAH DECEMBER 3, 2025 AWWL48-01	NORTH MONITOR PAH DECEMBER 3, 2025 AWWL49-01	OLD WEST MONITOR PAH DECEMBER 3, 2025 AWWL50-01	SOUTH MONITOR PAH DECEMBER 3, 2025 AWWL51-01	RDL	QC Batch

#### Semivolatile Organics

Benzo(a)pyrene	ug	0.20	0.44	2.25	<0.10	0.10	A071411
----------------	----	------	------	------	-------	------	---------

#### Surrogate Recovery (%)

D10-2-Methylnaphthalene	%	77	92	87	65		A071411
D10-Anthracene	%	89	74	82	87		A071411
D10-Fluoranthene	%	97	84	92	99		A071411
D10-Phenanthrene	%	90	75	83	89		A071411
D12-Benzo(a)anthracene	%	87	86	86	81		A071411
D12-Benzo(a)pyrene	%	94	89	85	87		A071411
D12-Benzo(b)fluoranthene	%	94	92	88	95		A071411
D12-Benzo(ghi)perylene	%	102	98	96	99		A071411
D12-Benzo(k)fluoranthene	%	91	91	89	84		A071411
D12-Chrysene	%	103	102	102	96		A071411
D12-Indeno(1,2,3-cd)pyrene	%	101	98	96	96		A071411
D12-Perylene	%	95	91	87	89		A071411
D14-Dibenzo(a,h)anthracene	%	100	99	98	97		A071411
D8-Acenaphthylene	%	85	70	71	71		A071411
D8-Naphthalene	%	67	72	61	59		A071411

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5F5165

Report Date: 2025/12/24

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYDU27		
Sampling Date		2025/12/03		
COC Number		NA		
	UNITS	NEW WEST MONITOR PAH DECEMBER 3, 2025 AWWL52-01	RDL	QC Batch
<b>Semivolatile Organics</b>				
Benzo(a)pyrene	ug	0.28	0.10	A071411
<b>Surrogate Recovery (%)</b>				
D10-2-Methylnaphthalene	%	103		A071411
D10-Anthracene	%	83		A071411
D10-Fluoranthene	%	103		A071411
D10-Phenanthrene	%	84		A071411
D12-Benzo(a)anthracene	%	86		A071411
D12-Benzo(a)pyrene	%	91		A071411
D12-Benzo(b)fluoranthene	%	97		A071411
D12-Benzo(ghi)perylene	%	98		A071411
D12-Benzo(k)fluoranthene	%	87		A071411
D12-Chrysene	%	103		A071411
D12-Indeno(1,2,3-cd)pyrene	%	98		A071411
D12-Perylene	%	93		A071411
D14-Dibenzo(a,h)anthracene	%	99		A071411
D8-Acenaphthylene	%	76		A071411
D8-Naphthalene	%	65		A071411
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU  
VERITAS

Bureau Veritas Job #: C5F5165

Report Date: 2025/12/24

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AYDU23	AYDU24	AYDU25		
Sampling Date		2025/12/03	2025/12/03	2025/12/03		
COC Number		NA	NA	NA		
	UNITS	EAST MONITOR PAH DECEMBER 3, 2025 AWWL48-01	NORTH MONITOR PAH DECEMBER 3, 2025 AWWL49-01	OLD WEST MONITOR PAH DECEMBER 3, 2025 AWWL50-01	RDL	QC Batch

#### Calculated Parameters

Benzo(a)pyrene	ug/m3	0.00058	0.00130	0.00674	0.00030	A070448
----------------	-------	---------	---------	---------	---------	---------

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Bureau Veritas ID		AYDU26		AYDU27		
Sampling Date		2025/12/03		2025/12/03		
COC Number		NA		NA		
	UNITS	SOUTH MONITOR PAH DECEMBER 3, 2025 AWWL51-01	RDL	NEW WEST MONITOR PAH DECEMBER 3, 2025 AWWL52-01	RDL	QC Batch

#### Calculated Parameters

Benzo(a)pyrene	ug/m3	<0.00032	0.00032	0.00085	0.00030	A070448
----------------	-------	----------	---------	---------	---------	---------

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5F5165

Report Date: 2025/12/24

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

#### GENERAL COMMENTS

Results relate only to the items tested.



BUREAU  
VERITAS

Bureau Veritas Job #: C5F5165

Report Date: 2025/12/24

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A071411	MPQ		Spiked Blank	D10-2-Methylnaphthalene	2025/12/21	74	%	50 - 150	
				D10-Fluoranthene	2025/12/21	99	%	50 - 150	
				D10-Phenanthrene	2025/12/21	84	%	50 - 150	
				D12-Benzo(a)pyrene	2025/12/21	97	%	50 - 150	
				D12-Benzo(b)fluoranthene	2025/12/21	89	%	50 - 150	
				D12-Benzo(ghi)perylene	2025/12/21	100	%	50 - 150	
				D12-Benzo(k)fluoranthene	2025/12/21	91	%	50 - 150	
				D12-Chrysene	2025/12/21	101	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2025/12/21	96	%	50 - 150	
				D12-Perylene	2025/12/21	97	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2025/12/21	87	%	50 - 150	
				D8-Acenaphthylene	2025/12/21	77	%	50 - 150	
				D8-Naphthalene	2025/12/21	74	%	50 - 150	
				Benzo(a)pyrene	2025/12/21	93	%	50 - 150	
A071411	MPQ	RPD		Benzo(a)pyrene	2025/12/21	1.2	%	50	
A071411	MPQ		Method Blank	D10-2-Methylnaphthalene	2025/12/21	95	%	50 - 150	
				D10-Fluoranthene	2025/12/21	104	%	50 - 150	
				D10-Phenanthrene	2025/12/21	90	%	50 - 150	
				D12-Benzo(a)pyrene	2025/12/21	100	%	50 - 150	
				D12-Benzo(b)fluoranthene	2025/12/21	96	%	50 - 150	
				D12-Benzo(ghi)perylene	2025/12/21	104	%	50 - 150	
				D12-Benzo(k)fluoranthene	2025/12/21	97	%	50 - 150	
				D12-Chrysene	2025/12/21	110	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2025/12/21	101	%	50 - 150	
				D12-Perylene	2025/12/21	101	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2025/12/21	97	%	50 - 150	
				D8-Acenaphthylene	2025/12/21	85	%	50 - 150	
				D8-Naphthalene	2025/12/21	83	%	50 - 150	
				Benzo(a)pyrene	2025/12/21	<0.10	ug		

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5F5165

Report Date: 2025/12/24

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Lasitha Kaiprath, Sample Entry Technician

Melissa DiGrazia, Operations Manager, HRMS Department

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: NA

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2025/12/22**  
Report #: R8673148  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F6985**

**Received: 2025/12/12, 09:33**

Sample Matrix: Puf And Filter  
# Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	1	2025/12/12	2025/12/12	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2025/12/13	2025/12/21	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	1	N/A	2025/12/12		

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (k) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: NA

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2025/12/22**  
Report #: R8673148  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F6985**

**Received: 2025/12/12, 09:33**

Encryption Key



Bureau Veritas  
22 Dec 2025 19:45:28

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager  
Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 8



BUREAU  
VERITAS

Bureau Veritas Job #: C5F6985

Report Date: 2025/12/22

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AYHE32	
Sampling Date		2025/12/03	
COC Number		NA	
	UNITS	STN29164 03-DEC-25 PUF #1	QC Batch
Volume	m3	342.4	ONSITE
QC Batch = Quality Control Batch			



BUREAU  
VERITAS

Bureau Veritas Job #: C5F6985

Report Date: 2025/12/22

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYHE32		
Sampling Date		2025/12/03		
COC Number		NA		
	UNITS	STN29164 03-DEC-25 PUF #1	RDL	QC Batch
Benzo(a)pyrene	ug	<0.10	0.10	A073494
<b>Surrogate Recovery (%)</b>				
D10-2-Methylnaphthalene	%	73		A073494
D10-Fluoranthene	%	95		A073494
D10-Phenanthrene	%	88		A073494
D12-Benzo(a)anthracene	%	74		A073494
D12-Benzo(a)pyrene	%	88		A073494
D12-Benzo(b)fluoranthene	%	82		A073494
D12-Benzo(ghi)perylene	%	94		A073494
D12-Benzo(k)fluoranthene	%	82		A073494
D12-Chrysene	%	87		A073494
D12-Indeno(1,2,3-cd)pyrene	%	90		A073494
D12-Perylene	%	92		A073494
D14-Dibenzo(a,h)anthracene	%	88		A073494
D8-Acenaphthylene	%	79		A073494
D8-Naphthalene	%	69		A073494
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU  
VERITAS

Bureau Veritas Job #: C5F6985

Report Date: 2025/12/22

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AYHE32		
Sampling Date		2025/12/03		
COC Number		NA		
	UNITS	STN29164 03-DEC-25 PUF #1	RDL	QC Batch
Benzo(a)pyrene	ng/m3	<0.29	0.29	A073129
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU  
VERITAS

Bureau Veritas Job #: C5F6985

Report Date: 2025/12/22

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

#### GENERAL COMMENTS

Results relate only to the items tested.



BUREAU  
VERITAS

Bureau Veritas Job #: C5F6985

Report Date: 2025/12/22

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC		Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
Batch	Init						
A073494	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/12/21	81	%	50 - 150
			D10-Fluoranthene	2025/12/21	97	%	50 - 150
			D10-Phenanthrene	2025/12/21	83	%	50 - 150
			D12-Benzo(a)pyrene	2025/12/21	96	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/12/21	84	%	50 - 150
			D12-Benzo(ghi)perylene	2025/12/21	100	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/12/21	95	%	50 - 150
			D12-Chrysene	2025/12/21	88	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/12/21	98	%	50 - 150
			D12-Perylene	2025/12/21	98	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/12/21	96	%	50 - 150
			D8-Acenaphthylene	2025/12/21	74	%	50 - 150
			D8-Naphthalene	2025/12/21	72	%	50 - 150
			Benzo(a)pyrene	2025/12/21	94	%	50 - 150
A073494	MPQ	RPD	Benzo(a)pyrene	2025/12/21	1.5	%	50
A073494	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/12/21	72	%	50 - 150
			D10-Fluoranthene	2025/12/21	92	%	50 - 150
			D10-Phenanthrene	2025/12/21	79	%	50 - 150
			D12-Benzo(a)pyrene	2025/12/21	93	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/12/21	82	%	50 - 150
			D12-Benzo(ghi)perylene	2025/12/21	96	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/12/21	92	%	50 - 150
			D12-Chrysene	2025/12/21	85	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/12/21	91	%	50 - 150
			D12-Perylene	2025/12/21	97	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/12/21	87	%	50 - 150
			D8-Acenaphthylene	2025/12/21	66	%	50 - 150
			D8-Naphthalene	2025/12/21	63	%	50 - 150
			Benzo(a)pyrene	2025/12/21	<0.10	ug	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5F6985

Report Date: 2025/12/22

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

---

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

---

Cristina (Maria) Bacchus, Project Manager

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Site Location: RAIN CARBON CANADA INC.  
Your C.O.C. #: NA

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/09**  
Report #: R8679445  
Version: 2 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G0123**

**Received: 2025/12/17, 16:46**

Sample Matrix: Puf And Filter  
# Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	5	2025/12/19	2025/12/19	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2025/12/21	2026/01/07	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/12/19		

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (k) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Site Location: RAIN CARBON CANADA INC.  
Your C.O.C. #: NA

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/09**  
Report #: R8679445  
Version: 2 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G0123**

**Received: 2025/12/17, 16:46**

Encryption Key

Julian Tong  
Project Manager Assistant  
09 Jan 2026 16:57:39

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant  
Email: Julian.Tong@bureauveritas.com  
Phone# (905) 817-5700

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 9



BUREAU  
VERITAS

Bureau Veritas Job #: C5G0123

Report Date: 2026/01/09

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AYNO96	AYNO97	AYNO98	AYNO99	
Sampling Date		2025/12/15	2025/12/15	2025/12/15	2025/12/15	
COC Number		NA	NA	NA	NA	
	UNITS	EAST MONITOR PAH DECEMBER 15,2025 AWWL64-01	NORTH MONITOR PAH DECEMBER 15,2025 AWWL65-01	OLD WEST MONITOR PAH DECEMBER 15,2025 AWWL66-01	SOUTH MONITOR PAH DECEMBER 15,2025 AWWL67-01	QC Batch
Volume	m3	346.2	331.0	341.6	327.6	ONSITE

QC Batch = Quality Control Batch

Bureau Veritas ID		AYNP00	
Sampling Date		2025/12/15	
COC Number		NA	
	UNITS	NEW WEST MONITOR PAH DECEMBER 15,2025 AWWL68-01	QC Batch
Volume	m3	330.4	ONSITE

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5G0123

Report Date: 2026/01/09

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYNO96		AYNO97	AYNO98		
Sampling Date		2025/12/15		2025/12/15	2025/12/15		
COC Number		NA		NA	NA		
	UNITS	EAST MONITOR PAH DECEMBER 15,2025 AWWL64-01	QC Batch	NORTH MONITOR PAH DECEMBER 15,2025 AWWL65-01	OLD WEST MONITOR PAH DECEMBER 15,2025 AWWL66-01	RDL	QC Batch

#### Semivolatile Organics

Benzo(a)pyrene	ug	6.30	A078017	0.24	<0.10	0.10	A078017
----------------	----	------	---------	------	-------	------	---------

#### Surrogate Recovery (%)

D10-2-Methylnaphthalene	%	70	A078017	80	11 (1)		A078017
D10-Fluoranthene	%	112	A078017	115	20 (1)		A078017
D10-Phenanthrene	%	99	A078017	102	16 (1)		A078017
D12-Benzo(a)anthracene	%	90	A078017	85	14 (1)		A078017
D12-Benzo(a)pyrene	%	102	A078017	95	15 (1)		A078017
D12-Benzo(b)fluoranthene	%	105	A078017	94	16 (1)		A078017
D12-Benzo(ghi)perylene	%	111	A078017	108	17 (1)		A078017
D12-Benzo(k)fluoranthene	%	99	A078017	88	15 (1)		A078017
D12-Chrysene	%	104	A078017	97	16 (1)		A078017
D12-Indeno(1,2,3-cd)pyrene	%	108	A078017	100	14 (1)		A078017
D12-Perylene	%	108	A078017	101	16 (1)		A078017
D14-Dibenzo(a,h)anthracene	%			97	13 (1)		A078017
D8-Acenaphthylene	%	89	A078017	94	14 (1)		A078017
D8-Naphthalene	%	137	A078017	125	16 (1)		A078017

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G0123

Report Date: 2026/01/09

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYNO99	AYNP00		
Sampling Date		2025/12/15	2025/12/15		
COC Number		NA	NA		
	UNITS	SOUTH MONITOR PAH DECEMBER 15,2025 AWWL67-01	NEW WEST MONITOR PAH DECEMBER 15,2025 AWWL68-01	RDL	QC Batch
<b>Semivolatile Organics</b>					
Benzo(a)pyrene	ug	<0.10	<0.10	0.10	A078017
<b>Surrogate Recovery (%)</b>					
D10-2-Methylnaphthalene	%	73	102		A078017
D10-Fluoranthene	%	121	131		A078017
D10-Phenanthrene	%	104	107		A078017
D12-Benzo(a)anthracene	%	89	87		A078017
D12-Benzo(a)pyrene	%	98	92		A078017
D12-Benzo(b)fluoranthene	%	118	115		A078017
D12-Benzo(ghi)perylene	%	108	109		A078017
D12-Benzo(k)fluoranthene	%	112	108		A078017
D12-Chrysene	%	103	100		A078017
D12-Indeno(1,2,3-cd)pyrene	%	98	100		A078017
D12-Perylene	%	103	97		A078017
D14-Dibenzo(a,h)anthracene	%	94	96		A078017
D8-Acenaphthylene	%	92	96		A078017
D8-Naphthalene	%	115	115		A078017
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BUREAU  
VERITAS

Bureau Veritas Job #: C5G0123

Report Date: 2026/01/09

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AYNO96		AYNO97		AYNO98		
Sampling Date		2025/12/15		2025/12/15		2025/12/15		
COC Number		NA		NA		NA		
	UNITS	EAST MONITOR PAH DECEMBER 15,2025 AWWL64-01	RDL	NORTH MONITOR PAH DECEMBER 15,2025 AWWL65-01	RDL	OLD WEST MONITOR PAH DECEMBER 15,2025 AWWL66-01	RDL	QC Batch

#### Calculated Parameters

Benzo(a)pyrene	ug/m3	0.0182	0.00029	0.00072	0.00030	<0.00029	0.00029	A077471
----------------	-------	--------	---------	---------	---------	----------	---------	---------

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Bureau Veritas ID		AYNO99		AYNP00		
Sampling Date		2025/12/15		2025/12/15		
COC Number		NA		NA		
	UNITS	SOUTH MONITOR PAH DECEMBER 15,2025 AWWL67-01	RDL	NEW WEST MONITOR PAH DECEMBER 15,2025 AWWL68-01	RDL	QC Batch

#### Calculated Parameters

Benzo(a)pyrene	ug/m3	<0.00031	0.00031	<0.00030	0.00030	A077471
----------------	-------	----------	---------	----------	---------	---------

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5G0123

Report Date: 2026/01/09

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

#### GENERAL COMMENTS

Sample AYNO98 [OLD WEST MONITOR PAH DECEMBER 15,2025 AWWL66-01] : Archive clean up was performed on Samples (AYNO98) due to failing surrogate recoveries. Failing parameters resulted in similar recoveries and as a result data is reported from original run. Please review with caution as recoveries below control limit may indicate low bias in results.

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C5G0123

Report Date: 2026/01/09

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	A078017	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2026/01/07	75	%	50 - 150	
				D10-Fluoranthene	2026/01/07	113	%	50 - 150	
				D10-Phenanthrene	2026/01/07	98	%	50 - 150	
				D12-Benzo(a)anthracene	2026/01/07	98	%	50 - 150	
				D12-Benzo(a)pyrene	2026/01/07	104	%	50 - 150	
				D12-Benzo(b)fluoranthene	2026/01/07	92	%	50 - 150	
				D12-Benzo(ghi)perylene	2026/01/07	106	%	50 - 150	
				D12-Benzo(k)fluoranthene	2026/01/07	112	%	50 - 150	
				D12-Chrysene	2026/01/07	98	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2026/01/07	99	%	50 - 150	
				D12-Perylene	2026/01/07	106	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2026/01/07	92	%	50 - 150	
				D8-Acenaphthylene	2026/01/07	92	%	50 - 150	
				D8-Naphthalene	2026/01/07	129	%	50 - 150	
				Benzo(a)pyrene	2026/01/07	94	%	50 - 150	
	A078017	MPQ	RPD	Benzo(a)pyrene	2026/01/07	5.2	%	50	
	A078017	MPQ	Method Blank	D10-2-Methylnaphthalene	2026/01/07	74	%	50 - 150	
				D10-Fluoranthene	2026/01/07	118	%	50 - 150	
				D10-Phenanthrene	2026/01/07	101	%	50 - 150	
				D12-Benzo(a)anthracene	2026/01/07	97	%	50 - 150	
				D12-Benzo(a)pyrene	2026/01/07	102	%	50 - 150	
				D12-Benzo(b)fluoranthene	2026/01/07	95	%	50 - 150	
				D12-Benzo(ghi)perylene	2026/01/07	106	%	50 - 150	
				D12-Benzo(k)fluoranthene	2026/01/07	110	%	50 - 150	
				D12-Chrysene	2026/01/07	100	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2026/01/07	97	%	50 - 150	
				D12-Perylene	2026/01/07	108	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2026/01/07	89	%	50 - 150	
				D8-Acenaphthylene	2026/01/07	95	%	50 - 150	
				D8-Naphthalene	2026/01/07	122	%	50 - 150	
				Benzo(a)pyrene	2026/01/07	<0.10	ug		

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G0123

Report Date: 2026/01/09

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

---

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

---

Lasitha Kaiprath, Sample Entry Technician

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: N/A

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2026/01/07**  
Report #: R8678457  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F9494**

**Received: 2025/12/18, 09:59**

Sample Matrix: Puf And Filter  
# Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	1	2025/12/18	2025/12/18	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2025/12/19	2026/01/06	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	1	N/A	2025/12/18		

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (k) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: N/A

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2026/01/07**  
Report #: R8678457  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F9494**

**Received: 2025/12/18, 09:59**

Encryption Key



Bureau Veritas  
07 Jan 2026 14:10:29

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager  
Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

=====  
This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 8



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9494

Report Date: 2026/01/07

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AYMF99	
Sampling Date		2025/12/15	
COC Number		N/A	
	UNITS	STN29164 15-DEC-25 PUF#1	QC Batch
Volume	m3	343.8	ONSITE
QC Batch = Quality Control Batch			



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9494

Report Date: 2026/01/07

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYMF99		
Sampling Date		2025/12/15		
COC Number		N/A		
	UNITS	STN29164 15-DEC-25 PUF#1	RDL	QC Batch
Benzo(a)pyrene	ug	<0.10	0.10	A076992
<b>Surrogate Recovery (%)</b>				
D10-2-Methylnaphthalene	%	64		A076992
D10-Fluoranthene	%	99		A076992
D10-Phenanthrene	%	88		A076992
D12-Benzo(a)pyrene	%	75		A076992
D12-Benzo(b)fluoranthene	%	86		A076992
D12-Benzo(ghi)perylene	%	87		A076992
D12-Benzo(k)fluoranthene	%	80		A076992
D12-Chrysene	%	83		A076992
D12-Indeno(1,2,3-cd)pyrene	%	80		A076992
D12-Perylene	%	84		A076992
D14-Dibenzo(a,h)anthracene	%	77		A076992
D8-Acenaphthylene	%	78		A076992
D8-Naphthalene	%	75		A076992
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9494

Report Date: 2026/01/07

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AYMF99		
Sampling Date		2025/12/15		
COC Number		N/A		
	UNITS	STN29164 15-DEC-25 PUF#1	RDL	QC Batch
Benzo(a)pyrene	ng/m3	<0.29	0.29	A076778
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9494

Report Date: 2026/01/07

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

#### GENERAL COMMENTS

Results relate only to the items tested.



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9494

Report Date: 2026/01/07

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	A076992	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2026/01/06	67	%	50 - 150	
				D10-Fluoranthene	2026/01/06	100	%	50 - 150	
				D10-Phenanthrene	2026/01/06	87	%	50 - 150	
				D12-Benzo(a)pyrene	2026/01/06	93	%	50 - 150	
				D12-Benzo(b)fluoranthene	2026/01/06	86	%	50 - 150	
				D12-Benzo(ghi)perylene	2026/01/06	93	%	50 - 150	
				D12-Benzo(k)fluoranthene	2026/01/06	81	%	50 - 150	
				D12-Chrysene	2026/01/06	84	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2026/01/06	87	%	50 - 150	
				D12-Perylene	2026/01/06	92	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2026/01/06	83	%	50 - 150	
				D8-Acenaphthylene	2026/01/06	80	%	50 - 150	
				D8-Naphthalene	2026/01/06	77	%	50 - 150	
				Benzo(a)pyrene	2026/01/06	88	%	50 - 150	
	A076992	MPQ	RPD	Benzo(a)pyrene	2026/01/06	0.70	%	50	
	A076992	MPQ	Method Blank	D10-2-Methylnaphthalene	2026/01/06	67	%	50 - 150	
				D10-Fluoranthene	2026/01/06	96	%	50 - 150	
				D10-Phenanthrene	2026/01/06	85	%	50 - 150	
				D12-Benzo(a)pyrene	2026/01/06	87	%	50 - 150	
				D12-Benzo(b)fluoranthene	2026/01/06	87	%	50 - 150	
				D12-Benzo(ghi)perylene	2026/01/06	87	%	50 - 150	
				D12-Benzo(k)fluoranthene	2026/01/06	78	%	50 - 150	
				D12-Chrysene	2026/01/06	83	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2026/01/06	80	%	50 - 150	
				D12-Perylene	2026/01/06	89	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2026/01/06	73	%	50 - 150	
				D8-Acenaphthylene	2026/01/06	81	%	50 - 150	
				D8-Naphthalene	2026/01/06	77	%	50 - 150	
				Benzo(a)pyrene	2026/01/06	<0.10	ug		

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9494

Report Date: 2026/01/07

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

---

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

---

Lasitha Kaiprath, Sample Entry Technician

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Site Location: RAIN CARBON CANADA INC.  
Your C.O.C. #: NA

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/13**  
Report #: R8680890  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G3018**

**Received: 2025/12/31, 13:22**

Sample Matrix: Puf And Filter  
# Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	5	2025/12/31	2026/01/13	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2026/01/03	2026/01/12	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/12/31		

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (k) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Site Location: RAIN CARBON CANADA INC.  
Your C.O.C. #: NA

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/13**  
Report #: R8680890  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G3018**

**Received: 2025/12/31, 13:22**

Encryption Key

Julian Tong  
Project Manager Assistant  
13 Jan 2026 17:13:30

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant  
Email: Julian.Tong@bureauveritas.com  
Phone# (905) 817-5700

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 9



BUREAU  
VERITAS

Bureau Veritas Job #: C5G3018

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AYTM08	AYTM09	AYTM10	AYTM11	
Sampling Date		2025/12/27	2025/12/27	2025/12/27	2025/12/27	
COC Number		NA	NA	NA	NA	
	UNITS	EAST MONITOR PAH DECEMBER 27, 2025 AWWL93-01	NORTH MONITOR PAH DECEMBER 27, 2025 AWWL94-01	OLD WEST MONITOR PAH DECEMBER 27, 2025 AWWL95-01	SOUTH MONITOR PAH DECEMBER 27, 2025 AWWL96-01	QC Batch
Volume	m3	346.2	331.0	341.6	327.6	ONSITE

QC Batch = Quality Control Batch

Bureau Veritas ID		AYTM12	
Sampling Date		2025/12/27	
COC Number		NA	
	UNITS	NEW WEST MONITOR PAH DECEMBER 27, 2025 AWWL97-01	QC Batch
Volume	m3	330.4	ONSITE

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5G3018

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYTM08	AYTM09	AYTM10	AYTM11		
Sampling Date		2025/12/27	2025/12/27	2025/12/27	2025/12/27		
COC Number		NA	NA	NA	NA		
	UNITS	EAST MONITOR PAH DECEMBER 27, 2025 AWWL93-01	NORTH MONITOR PAH DECEMBER 27, 2025 AWWL94-01	OLD WEST MONITOR PAH DECEMBER 27, 2025 AWWL95-01	SOUTH MONITOR PAH DECEMBER 27, 2025 AWWL96-01	RDL	QC Batch

#### Semivolatile Organics

Benzo(a)pyrene	ug	<0.10	<0.10	<0.10	<0.10	0.10	A082896
----------------	----	-------	-------	-------	-------	------	---------

#### Surrogate Recovery (%)

D10-2-Methylnaphthalene	%	76	78	8.2 (1)	55		A082896
D10-Fluoranthene	%	98	101	4.3 (1)	59		A082896
D10-Phenanthrene	%	86	88	5.1 (1)	52		A082896
D12-Benzo(a)anthracene	%	84	86	120	90		A082896
D12-Benzo(a)pyrene	%	76	72	93	76		A082896
D12-Benzo(b)fluoranthene	%	102	101	154 (1)	124		A082896
D12-Benzo(ghi)perylene	%	96	99	124	94		A082896
D12-Benzo(k)fluoranthene	%	91	94	144	116		A082896
D12-Chrysene	%	84	87	111	86		A082896
D12-Indeno(1,2,3-cd)pyrene	%	90	93	121	91		A082896
D12-Perylene	%	84	82	103	82		A082896
D14-Dibenzo(a,h)anthracene	%	89	92	123	91		A082896
D8-Acenaphthylene	%	81	83	8.3 (1)	57		A082896
D8-Naphthalene	%	62	66	17 (1)	5.3 (1)		A082896

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G3018

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYTM12		
Sampling Date		2025/12/27		
COC Number		NA		
	UNITS	NEW WEST MONITOR PAH DECEMBER 27, 2025 AWWL97-01	RDL	QC Batch
<b>Semivolatile Organics</b>				
Benzo(a)pyrene	ug	<0.10	0.10	A082896
<b>Surrogate Recovery (%)</b>				
D10-2-Methylnaphthalene	%	81		A082896
D10-Fluoranthene	%	104		A082896
D10-Phenanthrene	%	90		A082896
D12-Benzo(a)anthracene	%	89		A082896
D12-Benzo(a)pyrene	%	82		A082896
D12-Benzo(b)fluoranthene	%	98		A082896
D12-Benzo(ghi)perylene	%	94		A082896
D12-Benzo(k)fluoranthene	%	92		A082896
D12-Chrysene	%	86		A082896
D12-Indeno(1,2,3-cd)pyrene	%	90		A082896
D12-Perylene	%	87		A082896
D14-Dibenzo(a,h)anthracene	%	90		A082896
D8-Acenaphthylene	%	85		A082896
D8-Naphthalene	%	69		A082896
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU  
VERITAS

Bureau Veritas Job #: C5G3018

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AYTM08		AYTM09		AYTM10		
Sampling Date		2025/12/27		2025/12/27		2025/12/27		
COC Number		NA		NA		NA		
	UNITS	EAST MONITOR PAH DECEMBER 27, 2025 AWWL93-01	RDL	NORTH MONITOR PAH DECEMBER 27, 2025 AWWL94-01	RDL	OLD WEST MONITOR PAH DECEMBER 27, 2025 AWWL95-01	RDL	QC Batch

#### Calculated Parameters

Benzo(a)pyrene	ug/m3	<0.00029	0.00029	<0.00030	0.00030	<0.00029	0.00029	A082352
----------------	-------	----------	---------	----------	---------	----------	---------	---------

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Bureau Veritas ID		AYTM11		AYTM12		
Sampling Date		2025/12/27		2025/12/27		
COC Number		NA		NA		
	UNITS	SOUTH MONITOR PAH DECEMBER 27, 2025 AWWL96-01	RDL	NEW WEST MONITOR PAH DECEMBER 27, 2025 AWWL97-01	RDL	QC Batch

#### Calculated Parameters

Benzo(a)pyrene	ug/m3	<0.00031	0.00031	<0.00030	0.00030	A082352
----------------	-------	----------	---------	----------	---------	---------

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5G3018

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

#### GENERAL COMMENTS

Results relate only to the items tested.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G3018

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	A082896	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2026/01/12	77	%	50 - 150	
				D10-Fluoranthene	2026/01/12	100	%	50 - 150	
				D10-Phenanthrene	2026/01/12	84	%	50 - 150	
				D12-Benzo(a)anthracene	2026/01/12	81	%	50 - 150	
				D12-Benzo(a)pyrene	2026/01/12	86	%	50 - 150	
				D12-Benzo(b)fluoranthene	2026/01/12	109	%	50 - 150	
				D12-Benzo(ghi)perylene	2026/01/12	95	%	50 - 150	
				D12-Benzo(k)fluoranthene	2026/01/12	79	%	50 - 150	
				D12-Chrysene	2026/01/12	76	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2026/01/12	88	%	50 - 150	
				D12-Perylene	2026/01/12	100	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2026/01/12	84	%	50 - 150	
				D8-Acenaphthylene	2026/01/12	79	%	50 - 150	
				D8-Naphthalene	2026/01/12	73	%	50 - 150	
				Benzo(a)pyrene	2026/01/12	85	%	50 - 150	
	A082896	MPQ	RPD	Benzo(a)pyrene	2026/01/12	9.2	%	50	
	A082896	MPQ	Method Blank	D10-2-Methylnaphthalene	2026/01/12	75	%	50 - 150	
				D10-Fluoranthene	2026/01/12	98	%	50 - 150	
				D10-Phenanthrene	2026/01/12	82	%	50 - 150	
				D12-Benzo(a)anthracene	2026/01/12	82	%	50 - 150	
				D12-Benzo(a)pyrene	2026/01/12	87	%	50 - 150	
				D12-Benzo(b)fluoranthene	2026/01/12	117	%	50 - 150	
				D12-Benzo(ghi)perylene	2026/01/12	97	%	50 - 150	
				D12-Benzo(k)fluoranthene	2026/01/12	77	%	50 - 150	
				D12-Chrysene	2026/01/12	79	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2026/01/12	89	%	50 - 150	
				D12-Perylene	2026/01/12	91	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2026/01/12	85	%	50 - 150	
				D8-Acenaphthylene	2026/01/12	77	%	50 - 150	
				D8-Naphthalene	2026/01/12	72	%	50 - 150	
				Benzo(a)pyrene	2026/01/12	<0.10	ug		

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G3018

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

Lasitha Kaiprath, Sample Entry Technician

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: N/A

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2026/01/13**  
Report #: R8680888  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G2627**

**Received: 2025/12/30, 10:09**

Sample Matrix: Puf And Filter  
# Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	1	2025/12/30	2025/12/30	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2026/01/03	2026/01/12	BRL SOP-00201	CARB429(ARB1,M2)mod
Air Volume from HiVol Sampling	1	N/A	2025/12/30		

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (k) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: N/A

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2026/01/13**  
Report #: R8680888  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G2627**

**Received: 2025/12/30, 10:09**

Encryption Key



Bureau Veritas  
13 Jan 2026 17:03:08

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager  
Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 8



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2627

Report Date: 2026/01/13

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AYSX22	
Sampling Date		2025/12/27	
COC Number		N/A	
	UNITS	STN29164 27-DEC-25 PUF#1	QC Batch
Volume	m3	341.8	ONSITE
QC Batch = Quality Control Batch			



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2627

Report Date: 2026/01/13

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AYSX22		
Sampling Date		2025/12/27		
COC Number		N/A		
	UNITS	STN29164 27-DEC-25 PUF#1	RDL	QC Batch
Benzo(a)pyrene	ug	0.43	0.10	A082896
<b>Surrogate Recovery (%)</b>				
D10-2-Methylnaphthalene	%	57		A082896
D10-Fluoranthene	%	104		A082896
D10-Phenanthrene	%	91		A082896
D12-Benzo(a)anthracene	%	86		A082896
D12-Benzo(a)pyrene	%	82		A082896
D12-Benzo(b)fluoranthene	%	102		A082896
D12-Benzo(ghi)perylene	%	99		A082896
D12-Benzo(k)fluoranthene	%	93		A082896
D12-Chrysene	%	80		A082896
D12-Indeno(1,2,3-cd)pyrene	%	95		A082896
D12-Perylene	%	89		A082896
D14-Dibenzo(a,h)anthracene	%	95		A082896
D8-Acenaphthylene	%	77		A082896
D8-Naphthalene	%	60		A082896
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2627

Report Date: 2026/01/13

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AYSX22		
Sampling Date		2025/12/27		
COC Number		N/A		
	UNITS	STN29164 27-DEC-25 PUF#1	RDL	QC Batch
Benzo(a)pyrene	ng/m3	1.25	0.29	A081885
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2627

Report Date: 2026/01/13

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

#### GENERAL COMMENTS

Results relate only to the items tested.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2627

Report Date: 2026/01/13

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	A082896	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2026/01/12	77	%	50 - 150	
				D10-Fluoranthene	2026/01/12	100	%	50 - 150	
				D10-Phenanthrene	2026/01/12	84	%	50 - 150	
				D12-Benzo(a)anthracene	2026/01/12	81	%	50 - 150	
				D12-Benzo(a)pyrene	2026/01/12	86	%	50 - 150	
				D12-Benzo(b)fluoranthene	2026/01/12	109	%	50 - 150	
				D12-Benzo(ghi)perylene	2026/01/12	95	%	50 - 150	
				D12-Benzo(k)fluoranthene	2026/01/12	79	%	50 - 150	
				D12-Chrysene	2026/01/12	76	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2026/01/12	88	%	50 - 150	
				D12-Perylene	2026/01/12	100	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2026/01/12	84	%	50 - 150	
				D8-Acenaphthylene	2026/01/12	79	%	50 - 150	
				D8-Naphthalene	2026/01/12	73	%	50 - 150	
				Benzo(a)pyrene	2026/01/12	85	%	50 - 150	
	A082896	MPQ	RPD	Benzo(a)pyrene	2026/01/12	9.2	%	50	
	A082896	MPQ	Method Blank	D10-2-Methylnaphthalene	2026/01/12	75	%	50 - 150	
				D10-Fluoranthene	2026/01/12	98	%	50 - 150	
				D10-Phenanthrene	2026/01/12	82	%	50 - 150	
				D12-Benzo(a)anthracene	2026/01/12	82	%	50 - 150	
				D12-Benzo(a)pyrene	2026/01/12	87	%	50 - 150	
				D12-Benzo(b)fluoranthene	2026/01/12	117	%	50 - 150	
				D12-Benzo(ghi)perylene	2026/01/12	97	%	50 - 150	
				D12-Benzo(k)fluoranthene	2026/01/12	77	%	50 - 150	
				D12-Chrysene	2026/01/12	79	%	50 - 150	
				D12-Indeno(1,2,3-cd)pyrene	2026/01/12	89	%	50 - 150	
				D12-Perylene	2026/01/12	91	%	50 - 150	
				D14-Dibenzo(a,h)anthracene	2026/01/12	85	%	50 - 150	
				D8-Acenaphthylene	2026/01/12	77	%	50 - 150	
				D8-Naphthalene	2026/01/12	72	%	50 - 150	
				Benzo(a)pyrene	2026/01/12	<0.10	ug		

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2627

Report Date: 2026/01/13

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

---

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

---

Lasitha Kaiprath, Sample Entry Technician

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Your Project #: RAIN CARBON CANADA INC  
Your C.O.C. #: NA

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2025/12/19**  
Report #: R8671493  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F4751**

**Received: 2025/12/05, 17:32**

Sample Matrix: Air  
# Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed		Analytical Method
				Laboratory Method	
Canister Pressure (TO-15)	4	N/A	2025/12/10	BRL SOP-00304	EPA TO-15 m
Canister Pressure (TO-15)	1	N/A	2025/12/09	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	4	N/A	2025/12/10	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/12/09	BRL SOP-00304	EPA TO-15 m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Your Project #: RAIN CARBON CANADA INC  
Your C.O.C. #: NA

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2025/12/19**  
Report #: R8671493  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F4751**

**Received: 2025/12/05, 17:32**

Encryption Key

Julian Tong  
Project Manager Assistant  
19 Dec 2025 09:37:06

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant  
Email: Julian.Tong@bureauveritas.com  
Phone# (905) 817-5700

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 8



BUREAU  
VERITAS

Bureau Veritas Job #: C5F4751

Report Date: 2025/12/19

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

### RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AYCW37	AYCW38		AYCW36	
Sampling Date		2025/12/03	2025/12/03		2025/12/03	
COC Number		NA	NA		NA	
	UNITS	EAST CANISTER VOC DEC 3, 2025	NORTH CANISTER VOC DEC 3, 2025	QC Batch	OLD WEST CANISTER VOC DEC 3, 2025	QC Batch

#### Volatile Organics

Pressure on Receipt	psig	(-2.2)	(-2.0)	A071120	(-4.5)	A070871
---------------------	------	--------	--------	---------	--------	---------

QC Batch = Quality Control Batch

Bureau Veritas ID		AYCW40	AYCW39	
Sampling Date		2025/12/03	2025/12/03	
COC Number		NA	NA	
	UNITS	SOUTH CANISTER VOC DEC 3, 2025	NEW WEST CANISTER VOC DEC 3, 2025	QC Batch

#### Volatile Organics

Pressure on Receipt	psig	(-3.1)	(-3.3)	A071120
---------------------	------	--------	--------	---------

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5F4751

Report Date: 2025/12/19

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYCW37			AYCW38				
Sampling Date		2025/12/03			2025/12/03				
COC Number		NA			NA				
	UNITS	EAST CANISTER VOC DEC 3, 2025	ug/m3	DL (ug/m3)	NORTH CANISTER VOC DEC 3, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch

#### Volatile Organics

Benzene	ppbv	4.64	14.8	0.319	0.97	0.10	3.08	0.319	A071130
---------	------	------	------	-------	------	------	------	-------	---------

#### Surrogate Recovery (%)

Bromochloromethane	%	98	N/A	N/A	95		N/A	N/A	A071130
D5-Chlorobenzene	%	95	N/A	N/A	94		N/A	N/A	A071130
Difluorobenzene	%	99	N/A	N/A	95		N/A	N/A	A071130

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable

Bureau Veritas ID		AYCW36			AYCW36				
Sampling Date		2025/12/03			2025/12/03				
COC Number		NA			NA				
	UNITS	OLD WEST CANISTER VOC DEC 3, 2025	ug/m3	DL (ug/m3)	OLD WEST CANISTER VOC DEC 3, 2025 Lab-Dup	RDL	ug/m3	DL (ug/m3)	QC Batch

#### Volatile Organics

Benzene	ppbv	0.43	1.39	0.319	0.42	0.10	1.35	0.319	A070248
---------	------	------	------	-------	------	------	------	-------	---------

#### Surrogate Recovery (%)

Bromochloromethane	%	90	N/A	N/A	95		N/A	N/A	A070248
D5-Chlorobenzene	%	105	N/A	N/A	103		N/A	N/A	A070248
Difluorobenzene	%	90	N/A	N/A	92		N/A	N/A	A070248

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable



BUREAU  
VERITAS

Bureau Veritas Job #: C5F4751

Report Date: 2025/12/19

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYCW40			AYCW39				
Sampling Date		2025/12/03			2025/12/03				
COC Number		NA			NA				
	UNITS	SOUTH CANISTER VOC DEC 3, 2025	ug/m3	DL (ug/m3)	NEW WEST CANISTER VOC DEC 3, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch

#### Volatile Organics

Benzene	ppbv	0.19	0.593	0.319	0.24	0.10	0.767	0.319	A071130
---------	------	------	-------	-------	------	------	-------	-------	---------

#### Surrogate Recovery (%)

Bromochloromethane	%	90	N/A	N/A	89		N/A	N/A	A071130
D5-Chlorobenzene	%	89	N/A	N/A	90		N/A	N/A	A071130
Difluorobenzene	%	90	N/A	N/A	90		N/A	N/A	A071130

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable



BUREAU  
VERITAS

Bureau Veritas Job #: C5F4751

Report Date: 2025/12/19

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

#### GENERAL COMMENTS

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C5F4751

Report Date: 2025/12/19

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A070248	TIM		Spiked Blank	Bromochloromethane	2025/12/09	104	%	60 - 140	
				D5-Chlorobenzene	2025/12/09	105	%	60 - 140	
				Difluorobenzene	2025/12/09	106	%	60 - 140	
				Benzene	2025/12/09	92	%	70 - 130	
A070248	TIM		Method Blank	Bromochloromethane	2025/12/09	100	%	60 - 140	
				D5-Chlorobenzene	2025/12/09	82	%	60 - 140	
				Difluorobenzene	2025/12/09	107	%	60 - 140	
				Benzene	2025/12/09	<0.10		ppbv	
A070248	TIM	RPD [AYCW36-01]		Benzene	2025/12/09	2.9	%	25	
A071130	ANE		Spiked Blank	Bromochloromethane	2025/12/09	112	%	60 - 140	
				D5-Chlorobenzene	2025/12/09	112	%	60 - 140	
				Difluorobenzene	2025/12/09	111	%	60 - 140	
				Benzene	2025/12/09	95	%	70 - 130	
A071130	ANE		Method Blank	Bromochloromethane	2025/12/09	103	%	60 - 140	
				D5-Chlorobenzene	2025/12/09	95	%	60 - 140	
				Difluorobenzene	2025/12/09	105	%	60 - 140	
				Benzene	2025/12/09	<0.10		ppbv	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5F4751

Report Date: 2025/12/19

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Anke Macfarlane, Laboratory Manager, VOC

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 32669  
Your Project #: RAIN CARBON CANADA INC  
Your C.O.C. #: na

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2025/12/29**  
Report #: R8674999  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F7032**

**Received: 2025/12/12, 09:33**

Sample Matrix: Air  
# Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/12/15	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/12/15	BRL SOP-00304	EPA TO-15 m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



BUREAU  
VERITAS

Your P.O. #: 32669  
Your Project #: RAIN CARBON CANADA INC  
Your C.O.C. #: na

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2025/12/29**  
Report #: R8674999  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F7032**

**Received: 2025/12/12, 09:33**

Encryption Key



Bureau Veritas  
29 Dec 2025 12:08:33

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager  
Email: maria.bacchus@bureauveritas.com  
Phone# (905)817-5763

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 7



BUREAU  
VERITAS

Bureau Veritas Job #: C5F7032

Report Date: 2025/12/29

Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AYHH70	
Sampling Date		2025/12/03	
COC Number		na	
	UNITS	STN29164/ 03-DEC-25/5844	QC Batch
Pressure on Receipt	psig	(-3.5)	A074588
QC Batch = Quality Control Batch			



BUREAU  
VERITAS

Bureau Veritas Job #: C5F7032

Report Date: 2025/12/29

Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYHH70				
Sampling Date		2025/12/03				
COC Number		na				
	UNITS	STN29164/ 03-DEC-25/5844	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	0.62	0.10	1.99	0.319	A073764
<b>Surrogate Recovery (%)</b>						
Bromochloromethane	%	86		N/A	N/A	A073764
D5-Chlorobenzene	%	85		N/A	N/A	A073764
Difluorobenzene	%	85		N/A	N/A	A073764
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
N/A = Not Applicable						



BUREAU  
VERITAS

Bureau Veritas Job #: C5F7032

Report Date: 2025/12/29

Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

#### GENERAL COMMENTS

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C5F7032

Report Date: 2025/12/29

Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A073764	TIM		Spiked Blank	Bromochloromethane	2025/12/15	107	%	60 - 140	
				D5-Chlorobenzene	2025/12/15	100	%	60 - 140	
				Difluorobenzene	2025/12/15	108	%	60 - 140	
				Benzene	2025/12/15	96	%	70 - 130	
A073764	TIM		Method Blank	Bromochloromethane	2025/12/15	107	%	60 - 140	
				D5-Chlorobenzene	2025/12/15	83	%	60 - 140	
				Difluorobenzene	2025/12/15	116	%	60 - 140	
				Benzene	2025/12/15	<0.10		ppbv	
A073764	TIM	RPD		Benzene	2025/12/15	NC	%		25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference  $\leq 2 \times \text{RDL}$ ).



BUREAU  
VERITAS

Bureau Veritas Job #: C5F7032

Report Date: 2025/12/29

Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Anke Macfarlane, Laboratory Manager, VOC

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Your Project #: RAIN CARBON CANADA INC.  
Your C.O.C. #: na

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/05**  
Report #: R8677505  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F9970**

**Received: 2025/12/17, 16:46**

Sample Matrix: Air  
# Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	4	N/A	2025/12/24	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	4	N/A	2025/12/24	BRL SOP-00304	EPA TO-15 m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Your Project #: RAIN CARBON CANADA INC.  
Your C.O.C. #: na

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/05**  
Report #: R8677505  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F9970**

**Received: 2025/12/17, 16:46**

Encryption Key

Julian Tong  
Project Manager Assistant  
05 Jan 2026 16:55:42

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant  
Email: Julian.Tong@bureauveritas.com  
Phone# (905) 817-5700

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 7



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9970

Report Date: 2026/01/05

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AYNH08	AYNH09	AYNH10	AYNH12	
Sampling Date		2025/12/15	2025/12/15	2025/12/15	2025/12/15	
COC Number		na	na	na	na	
	UNITS	NORTH CANISTER VOC DECEMBER 15,2025/14915	SOUTH CANISTER VOC DECEMBER 15,2025/14545	NEW WEST CANISTER VOC DECEMBER 15,2025/14238	EAST CANISTER VOC DECEMBER 15,2025/301	QC Batch
<b>Volatile Organics</b>						
Pressure on Receipt	psig	(-2.0)	(-3.2)	(-3.1)	(-1.9)	A080782
QC Batch = Quality Control Batch						



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9970

Report Date: 2026/01/05

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYNH08			AYNH09				
Sampling Date		2025/12/15			2025/12/15				
COC Number		na			na				
	UNITS	NORTH CANISTER VOC DECEMBER 15,2025/14915	ug/m3	DL (ug/m3)	SOUTH CANISTER VOC DECEMBER 15,2025/14545	RDL	ug/m3	DL (ug/m3)	QC Batch

#### Volatile Organics

Benzene	ppbv	0.46	1.46	0.319	0.23	0.10	0.727	0.319	A079762
---------	------	------	------	-------	------	------	-------	-------	---------

#### Surrogate Recovery (%)

Bromochloromethane	%	102	N/A	N/A	79		N/A	N/A	A079762
D5-Chlorobenzene	%	95	N/A	N/A	81		N/A	N/A	A079762
Difluorobenzene	%	100	N/A	N/A	71		N/A	N/A	A079762

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable

Bureau Veritas ID		AYNH10			AYNH12				
Sampling Date		2025/12/15			2025/12/15				
COC Number		na			na				
	UNITS	NEW WEST CANISTER VOC DECEMBER 15,2025/14238	ug/m3	DL (ug/m3)	EAST CANISTER VOC DECEMBER 15,2025/301	RDL	ug/m3	DL (ug/m3)	QC Batch

#### Volatile Organics

Benzene	ppbv	0.14	0.453	0.319	2.22	0.10	7.09	0.319	A079762
---------	------	------	-------	-------	------	------	------	-------	---------

#### Surrogate Recovery (%)

Bromochloromethane	%	101	N/A	N/A	100		N/A	N/A	A079762
D5-Chlorobenzene	%	93	N/A	N/A	96		N/A	N/A	A079762
Difluorobenzene	%	100	N/A	N/A	100		N/A	N/A	A079762

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable



**BUREAU  
VERITAS**

Bureau Veritas Job #: C5F9970

Report Date: 2026/01/05

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

#### **GENERAL COMMENTS**

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9970

Report Date: 2026/01/05

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A079762	DVP		Spiked Blank	Bromochloromethane	2025/12/24	111	%	60 - 140	
				D5-Chlorobenzene	2025/12/24	108	%	60 - 140	
				Difluorobenzene	2025/12/24	112	%	60 - 140	
				Benzene	2025/12/24	105	%	70 - 130	
A079762	DVP		Method Blank	Bromochloromethane	2025/12/24	114	%	60 - 140	
				D5-Chlorobenzene	2025/12/24	107	%	60 - 140	
				Difluorobenzene	2025/12/24	115	%	60 - 140	
				Benzene	2025/12/24	<0.10		ppbv	
A079762	DVP	RPD		Benzene	2025/12/24	NC	%		25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference  $\leq 2 \times \text{RDL}$ ).



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9970

Report Date: 2026/01/05

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Anke Macfarlane, Laboratory Manager, VOC

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: NA

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2026/01/05**  
Report #: R8677478  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F9576**

**Received: 2025/12/18, 09:59**

Sample Matrix: Air  
# Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/12/23	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/12/23	BRL SOP-00304	EPA TO-15 m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: NA

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2026/01/05**  
Report #: R8677478  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5F9576**

**Received: 2025/12/18, 09:59**

Encryption Key



Bureau Veritas  
05 Jan 2026 14:24:15

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager  
Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 11



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AYMK38	
Sampling Date		2025/12/15	
COC Number		NA	
	UNITS	STN29164 15-DEC-25/14070	QC Batch
Pressure on Receipt	psig	(-3.7)	A079575
QC Batch = Quality Control Batch			



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYMK38				
Sampling Date		2025/12/15				
COC Number		NA				
	UNITS	STN29164 15-DEC-25/14070	RDL	ug/m3	DL (ug/m3)	QC Batch
Dichlorodifluoromethane (FREON 12)	ppbv	0.48	0.20	2.38	0.989	A079150
1,2-Dichlorotetrafluoroethane	ppbv	<0.17	0.17	<1.19	1.19	A079150
Chloromethane	ppbv	0.59	0.30	1.22	0.620	A079150
Vinyl Chloride	ppbv	<0.10	0.10	<0.256	0.256	A079150
Chloroethane	ppbv	<0.30	0.30	<0.792	0.792	A079150
1,3-Butadiene	ppbv	<0.50	0.50	<1.11	1.11	A079150
Trichlorofluoromethane (FREON 11)	ppbv	0.23	0.20	1.31	1.12	A079150
Ethanol (ethyl alcohol)	ppbv	8.5	1.0	16.0	1.88	A079150
Trichlorotrifluoroethane	ppbv	<0.15	0.15	<1.15	1.15	A079150
2-propanol	ppbv	<1.0	1.0	<2.46	2.46	A079150
2-Propanone	ppbv	2.56	0.60	6.07	1.43	A079150
Methyl Ethyl Ketone (2-Butanone)	ppbv	<0.35	0.35	<1.03	1.03	A079150
Methyl Isobutyl Ketone	ppbv	<0.20	0.20	<0.819	0.819	A079150
Methyl Butyl Ketone (2-Hexanone)	ppbv	<1.0	1.0	<4.10	4.10	A079150
Methyl t-butyl ether (MTBE)	ppbv	<0.20	0.20	<0.721	0.721	A079150
Ethyl Acetate	ppbv	<1.0	1.0	<3.60	3.60	A079150
1,1-Dichloroethylene	ppbv	<0.10	0.10	<0.396	0.396	A079150
cis-1,2-Dichloroethylene	ppbv	<0.10	0.10	<0.396	0.396	A079150
trans-1,2-Dichloroethylene	ppbv	<0.10	0.10	<0.396	0.396	A079150
Methylene Chloride(Dichloromethane)	ppbv	<0.60	0.60	<2.08	2.08	A079150
Chloroform	ppbv	<0.10	0.10	<0.488	0.488	A079150
Carbon Tetrachloride	ppbv	<0.10	0.10	<0.629	0.629	A079150
1,1-Dichloroethane	ppbv	<0.10	0.10	<0.405	0.405	A079150
1,2-Dichloroethane	ppbv	<0.10	0.10	<0.405	0.405	A079150
Ethylene Dibromide	ppbv	<0.10	0.10	<0.768	0.768	A079150
1,1,1-Trichloroethane	ppbv	<0.10	0.10	<0.546	0.546	A079150
1,1,2-Trichloroethane	ppbv	<0.10	0.10	<0.546	0.546	A079150
1,1,2,2-Tetrachloroethane	ppbv	<0.10	0.10	<0.687	0.687	A079150
cis-1,3-Dichloropropene	ppbv	<0.10	0.10	<0.454	0.454	A079150
trans-1,3-Dichloropropene	ppbv	<0.10	0.10	<0.454	0.454	A079150
1,2-Dichloropropane	ppbv	<0.10	0.10	<0.462	0.462	A079150
Bromomethane	ppbv	<0.10	0.10	<0.388	0.388	A079150
Bromoform	ppbv	<0.20	0.20	<2.07	2.07	A079150
Bromodichloromethane	ppbv	<0.20	0.20	<1.34	1.34	A079150
Dibromochloromethane	ppbv	<0.20	0.20	<1.70	1.70	A079150
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYMK38				
Sampling Date		2025/12/15				
COC Number		NA				
	UNITS	STN29164 15-DEC-25/14070	RDL	ug/m3	DL (ug/m3)	QC Batch
Trichloroethylene	ppbv	<0.10	0.10	<0.537	0.537	A079150
Tetrachloroethylene	ppbv	<0.10	0.10	<0.678	0.678	A079150
Benzene	ppbv	0.22	0.10	0.697	0.319	A079150
Toluene	ppbv	0.14	0.10	0.526	0.377	A079150
Ethylbenzene	ppbv	<0.10	0.10	<0.434	0.434	A079150
p+m-Xylene	ppbv	<0.20	0.20	<0.868	0.868	A079150
o-Xylene	ppbv	<0.10	0.10	<0.434	0.434	A079150
Styrene	ppbv	<0.10	0.10	<0.426	0.426	A079150
4-ethyltoluene	ppbv	<0.50	0.50	<2.46	2.46	A079150
1,3,5-Trimethylbenzene	ppbv	<0.50	0.50	<2.45	2.45	A079150
1,2,4-Trimethylbenzene	ppbv	<0.50	0.50	<2.45	2.45	A079150
Chlorobenzene	ppbv	<0.10	0.10	<0.460	0.460	A079150
Benzyl chloride	ppbv	<0.50	0.50	<2.59	2.59	A079150
1,3-Dichlorobenzene	ppbv	<0.40	0.40	<2.40	2.40	A079150
1,4-Dichlorobenzene	ppbv	<0.10	0.10	<0.601	0.601	A079150
1,2-Dichlorobenzene	ppbv	<0.10	0.10	<0.601	0.601	A079150
1,2,4-Trichlorobenzene	ppbv	<0.50	0.50	<3.71	3.71	A079150
Hexachlorobutadiene	ppbv	<0.50	0.50	<5.33	5.33	A079150
Hexane	ppbv	<0.20	0.20	<0.705	0.705	A079150
Heptane	ppbv	<0.30	0.30	<1.23	1.23	A079150
Cyclohexane	ppbv	<0.20	0.20	<0.688	0.688	A079150
Tetrahydrofuran	ppbv	<0.40	0.40	<1.18	1.18	A079150
1,4-Dioxane	ppbv	<1.0	1.0	<3.60	3.60	A079150
Naphthalene	ppbv	<0.20	0.20	<1.05	1.05	A079150
Total Xylenes	ppbv	<0.30	0.30	<1.30	1.30	A079150
1,1,1,2-Tetrachloroethane	ppbv	<0.10	0.10	<0.687	0.687	A079150
Vinyl Bromide	ppbv	<0.20	0.20	<0.875	0.875	A079150
Propene	ppbv	<0.90	0.90	<1.55	1.55	A079150
2,2,4-Trimethylpentane	ppbv	<0.20	0.20	<0.934	0.934	A079150
Carbon Disulfide	ppbv	<0.50	0.50	<1.56	1.56	A079150
Vinyl Acetate	ppbv	<0.20	0.20	<0.704	0.704	A079150
Surrogate Recovery (%)						
Bromochloromethane	%	94		N/A	N/A	A079150
D5-Chlorobenzene	%	89		N/A	N/A	A079150
Difluorobenzene	%	94		N/A	N/A	A079150
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
N/A = Not Applicable						



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

#### GENERAL COMMENTS

Sample AYMK38 [STN29164 15-DEC-25/14070] : Increased DL for propene due to interference from propane.

Increased DL for 2-butanone due to interference.

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A079150	LSY	Spiked Blank	Bromochloromethane	2025/12/23	105	%	60 - 140	
			D5-Chlorobenzene	2025/12/23	103	%	60 - 140	
			Difluorobenzene	2025/12/23	104	%	60 - 140	
			Dichlorodifluoromethane (FREON 12)	2025/12/23	109	%	70 - 130	
			1,2-Dichlorotetrafluoroethane	2025/12/23	105	%	70 - 130	
			Chloromethane	2025/12/23	106	%	70 - 130	
			Vinyl Chloride	2025/12/23	106	%	70 - 130	
			Chloroethane	2025/12/23	103	%	70 - 130	
			1,3-Butadiene	2025/12/23	109	%	70 - 130	
			Trichlorofluoromethane (FREON 11)	2025/12/23	105	%	70 - 130	
			Ethanol (ethyl alcohol)	2025/12/23	94	%	70 - 130	
			Trichlorotrifluoroethane	2025/12/23	105	%	70 - 130	
			2-propanol	2025/12/23	105	%	70 - 130	
			2-Propanone	2025/12/23	104	%	70 - 130	
			Methyl Ethyl Ketone (2-Butanone)	2025/12/23	106	%	70 - 130	
			Methyl Isobutyl Ketone	2025/12/23	109	%	70 - 130	
			Methyl Butyl Ketone (2-Hexanone)	2025/12/23	110	%	70 - 130	
			Methyl t-butyl ether (MTBE)	2025/12/23	98	%	70 - 130	
			Ethyl Acetate	2025/12/23	109	%	70 - 130	
			1,1-Dichloroethylene	2025/12/23	110	%	70 - 130	
			cis-1,2-Dichloroethylene	2025/12/23	103	%	70 - 130	
			trans-1,2-Dichloroethylene	2025/12/23	105	%	70 - 130	
			Methylene Chloride(Dichloromethane)	2025/12/23	107	%	70 - 130	
			Chloroform	2025/12/23	109	%	70 - 130	
			Carbon Tetrachloride	2025/12/23	103	%	70 - 130	
			1,1-Dichloroethane	2025/12/23	104	%	70 - 130	
			1,2-Dichloroethane	2025/12/23	106	%	70 - 130	
			Ethylene Dibromide	2025/12/23	105	%	70 - 130	
			1,1,1-Trichloroethane	2025/12/23	99	%	70 - 130	
			1,1,2-Trichloroethane	2025/12/23	102	%	70 - 130	
			1,1,2,2-Tetrachloroethane	2025/12/23	103	%	70 - 130	
			cis-1,3-Dichloropropene	2025/12/23	102	%	70 - 130	
			trans-1,3-Dichloropropene	2025/12/23	103	%	70 - 130	
			1,2-Dichloropropane	2025/12/23	105	%	70 - 130	
			Bromomethane	2025/12/23	107	%	70 - 130	
			Bromoform	2025/12/23	107	%	70 - 130	
			Bromodichloromethane	2025/12/23	111	%	70 - 130	
			Dibromochloromethane	2025/12/23	108	%	70 - 130	
			Trichloroethylene	2025/12/23	104	%	70 - 130	
			Tetrachloroethylene	2025/12/23	98	%	70 - 130	
			Benzene	2025/12/23	103	%	70 - 130	
			Toluene	2025/12/23	102	%	70 - 130	
			Ethylbenzene	2025/12/23	100	%	70 - 130	
			p+m-Xylene	2025/12/23	98	%	70 - 130	
			o-Xylene	2025/12/23	98	%	70 - 130	
			Styrene	2025/12/23	101	%	70 - 130	
			4-ethyltoluene	2025/12/23	101	%	70 - 130	
			1,3,5-Trimethylbenzene	2025/12/23	95	%	70 - 130	
			1,2,4-Trimethylbenzene	2025/12/23	96	%	70 - 130	
			Chlorobenzene	2025/12/23	99	%	70 - 130	
			Benzyl chloride	2025/12/23	94	%	70 - 130	
			1,3-Dichlorobenzene	2025/12/23	99	%	70 - 130	
			1,4-Dichlorobenzene	2025/12/23	100	%	70 - 130	



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A079150	LSY	Method Blank	1,2-Dichlorobenzene	2025/12/23	100	%	70 - 130	
			1,2,4-Trichlorobenzene	2025/12/23	100	%	70 - 130	
			Hexachlorobutadiene	2025/12/23	98	%	70 - 130	
			Hexane	2025/12/23	105	%	70 - 130	
			Heptane	2025/12/23	107	%	70 - 130	
			Cyclohexane	2025/12/23	105	%	70 - 130	
			Tetrahydrofuran	2025/12/23	107	%	70 - 130	
			1,4-Dioxane	2025/12/23	106	%	70 - 130	
			Naphthalene	2025/12/23	98	%	70 - 130	
			Total Xylenes	2025/12/23	98	%	70 - 130	
			1,1,1,2-Tetrachloroethane	2025/12/23	104	%	70 - 130	
			Vinyl Bromide	2025/12/23	100	%	70 - 130	
			Propene	2025/12/23	104	%	70 - 130	
			2,2,4-Trimethylpentane	2025/12/23	111	%	70 - 130	
			Carbon Disulfide	2025/12/23	111	%	70 - 130	
			Vinyl Acetate	2025/12/23	91	%	70 - 130	
			Bromochloromethane	2025/12/23	105	%	60 - 140	
			D5-Chlorobenzene	2025/12/23	101	%	60 - 140	
			Difluorobenzene	2025/12/23	106	%	60 - 140	
			Dichlorodifluoromethane (FREON 12)	2025/12/23	<0.20		ppbv	
			1,2-Dichlorotetrafluoroethane	2025/12/23	<0.17		ppbv	
			Chloromethane	2025/12/23	<0.30		ppbv	
			Vinyl Chloride	2025/12/23	<0.10		ppbv	
			Chloroethane	2025/12/23	<0.30		ppbv	
			1,3-Butadiene	2025/12/23	<0.50		ppbv	
			Trichlorofluoromethane (FREON 11)	2025/12/23	<0.20		ppbv	
			Ethanol (ethyl alcohol)	2025/12/23	<1.0		ppbv	
			Trichlorotrifluoroethane	2025/12/23	<0.15		ppbv	
			2-propanol	2025/12/23	<1.0		ppbv	
			2-Propanone	2025/12/23	<0.60		ppbv	
			Methyl Ethyl Ketone (2-Butanone)	2025/12/23	<0.20		ppbv	
			Methyl Isobutyl Ketone	2025/12/23	<0.20		ppbv	
			Methyl Butyl Ketone (2-Hexanone)	2025/12/23	<1.0		ppbv	
			Methyl t-butyl ether (MTBE)	2025/12/23	<0.20		ppbv	
			Ethyl Acetate	2025/12/23	<1.0		ppbv	
			1,1-Dichloroethylene	2025/12/23	<0.10		ppbv	
			cis-1,2-Dichloroethylene	2025/12/23	<0.10		ppbv	
			trans-1,2-Dichloroethylene	2025/12/23	<0.10		ppbv	
			Methylene Chloride(Dichloromethane)	2025/12/23	<0.60		ppbv	
			Chloroform	2025/12/23	<0.10		ppbv	
			Carbon Tetrachloride	2025/12/23	<0.10		ppbv	
			1,1-Dichloroethane	2025/12/23	<0.10		ppbv	
			1,2-Dichloroethane	2025/12/23	<0.10		ppbv	
			Ethylene Dibromide	2025/12/23	<0.10		ppbv	
			1,1,1-Trichloroethane	2025/12/23	<0.10		ppbv	
			1,1,2-Trichloroethane	2025/12/23	<0.10		ppbv	
			1,1,2,2-Tetrachloroethane	2025/12/23	<0.10		ppbv	
			cis-1,3-Dichloropropene	2025/12/23	<0.10		ppbv	
			trans-1,3-Dichloropropene	2025/12/23	<0.10		ppbv	
			1,2-Dichloropropane	2025/12/23	<0.10		ppbv	
			Bromomethane	2025/12/23	<0.10		ppbv	
			Bromoform	2025/12/23	<0.20		ppbv	
			Bromodichloromethane	2025/12/23	<0.20		ppbv	



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dibromochloromethane	2025/12/23	<0.20		ppbv	
			Trichloroethylene	2025/12/23	<0.10		ppbv	
			Tetrachloroethylene	2025/12/23	<0.10		ppbv	
			Benzene	2025/12/23	<0.10		ppbv	
			Toluene	2025/12/23	<0.10		ppbv	
			Ethylbenzene	2025/12/23	<0.10		ppbv	
			p+m-Xylene	2025/12/23	<0.20		ppbv	
			o-Xylene	2025/12/23	<0.10		ppbv	
			Styrene	2025/12/23	<0.10		ppbv	
			4-ethyltoluene	2025/12/23	<0.50		ppbv	
			1,3,5-Trimethylbenzene	2025/12/23	<0.50		ppbv	
			1,2,4-Trimethylbenzene	2025/12/23	<0.50		ppbv	
			Chlorobenzene	2025/12/23	<0.10		ppbv	
			Benzyl chloride	2025/12/23	<0.50		ppbv	
			1,3-Dichlorobenzene	2025/12/23	<0.40		ppbv	
			1,4-Dichlorobenzene	2025/12/23	<0.10		ppbv	
			1,2-Dichlorobenzene	2025/12/23	<0.10		ppbv	
			1,2,4-Trichlorobenzene	2025/12/23	<0.50		ppbv	
			Hexachlorobutadiene	2025/12/23	<0.50		ppbv	
			Hexane	2025/12/23	<0.20		ppbv	
			Heptane	2025/12/23	<0.30		ppbv	
			Cyclohexane	2025/12/23	<0.20		ppbv	
			Tetrahydrofuran	2025/12/23	<0.40		ppbv	
			1,4-Dioxane	2025/12/23	<1.0		ppbv	
			Naphthalene	2025/12/23	<0.20		ppbv	
			Total Xylenes	2025/12/23	<0.30		ppbv	
			1,1,1,2-Tetrachloroethane	2025/12/23	<0.10		ppbv	
			Vinyl Bromide	2025/12/23	<0.20		ppbv	
			Propene	2025/12/23	<0.50		ppbv	
			2,2,4-Trimethylpentane	2025/12/23	<0.20		ppbv	
			Carbon Disulfide	2025/12/23	<0.50		ppbv	
			Vinyl Acetate	2025/12/23	<0.20		ppbv	
A079150	LSY	RPD	Dichlorodifluoromethane (FREON 12)	2025/12/23	1.5	%	25	
			1,2-Dichlorotetrafluoroethane	2025/12/23	NC	%	25	
			Chloromethane	2025/12/23	1.9	%	25	
			Vinyl Chloride	2025/12/23	NC	%	25	
			Chloroethane	2025/12/23	NC	%	25	
			1,3-Butadiene	2025/12/23	NC	%	25	
			Trichlorofluoromethane (FREON 11)	2025/12/23	1.5	%	25	
			Ethanol (ethyl alcohol)	2025/12/23	3.9	%	25	
			Trichlorotrifluoroethane	2025/12/23	NC	%	25	
			2-propanol	2025/12/23	3.4	%	25	
			2-Propanone	2025/12/23	0.61	%	25	
			Methyl Ethyl Ketone (2-Butanone)	2025/12/23	NC	%	25	
			Methyl Isobutyl Ketone	2025/12/23	NC	%	25	
			Methyl Butyl Ketone (2-Hexanone)	2025/12/23	NC	%	25	
			Methyl t-butyl ether (MTBE)	2025/12/23	NC	%	25	
			Ethyl Acetate	2025/12/23	NC	%	25	
			1,1-Dichloroethylene	2025/12/23	NC	%	25	
			cis-1,2-Dichloroethylene	2025/12/23	NC	%	25	
			trans-1,2-Dichloroethylene	2025/12/23	NC	%	25	
			Methylene Chloride(Dichloromethane)	2025/12/23	NC	%	25	
			Chloroform	2025/12/23	NC	%	25	



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Carbon Tetrachloride	2025/12/23	NC	%	25	
			1,1-Dichloroethane	2025/12/23	NC	%	25	
			1,2-Dichloroethane	2025/12/23	NC	%	25	
			Ethylene Dibromide	2025/12/23	NC	%	25	
			1,1,1-Trichloroethane	2025/12/23	NC	%	25	
			1,1,2-Trichloroethane	2025/12/23	NC	%	25	
			1,1,2,2-Tetrachloroethane	2025/12/23	NC	%	25	
			cis-1,3-Dichloropropene	2025/12/23	NC	%	25	
			trans-1,3-Dichloropropene	2025/12/23	NC	%	25	
			1,2-Dichloropropane	2025/12/23	NC	%	25	
			Bromomethane	2025/12/23	NC	%	25	
			Bromoform	2025/12/23	NC	%	25	
			Bromodichloromethane	2025/12/23	NC	%	25	
			Dibromochloromethane	2025/12/23	NC	%	25	
			Trichloroethylene	2025/12/23	NC	%	25	
			Tetrachloroethylene	2025/12/23	NC	%	25	
			Benzene	2025/12/23	2.5	%	25	
			Toluene	2025/12/23	0.18	%	25	
			Ethylbenzene	2025/12/23	0.031	%	25	
			p+m-Xylene	2025/12/23	2.8	%	25	
			o-Xylene	2025/12/23	0.79	%	25	
			Styrene	2025/12/23	NC	%	25	
			4-ethyltoluene	2025/12/23	NC	%	25	
			1,3,5-Trimethylbenzene	2025/12/23	NC	%	25	
			1,2,4-Trimethylbenzene	2025/12/23	NC	%	25	
			Chlorobenzene	2025/12/23	NC	%	25	
			Benzyl chloride	2025/12/23	NC	%	25	
			1,3-Dichlorobenzene	2025/12/23	NC	%	25	
			1,4-Dichlorobenzene	2025/12/23	NC	%	25	
			1,2-Dichlorobenzene	2025/12/23	NC	%	25	
			1,2,4-Trichlorobenzene	2025/12/23	NC	%	25	
			Hexachlorobutadiene	2025/12/23	NC	%	25	
			Hexane	2025/12/23	3.0	%	25	
			Heptane	2025/12/23	NC	%	25	
			Cyclohexane	2025/12/23	NC	%	25	
			Tetrahydrofuran	2025/12/23	NC	%	25	
			1,4-Dioxane	2025/12/23	NC	%	25	
			Naphthalene	2025/12/23	NC	%	25	
			Total Xylenes	2025/12/23	2.3	%	25	
			1,1,1,2-Tetrachloroethane	2025/12/23	NC	%	25	
			Vinyl Bromide	2025/12/23	NC	%	25	
			Propene	2025/12/23	1.3	%	25	
			2,2,4-Trimethylpentane	2025/12/23	1.5	%	25	
			Carbon Disulfide	2025/12/23	NC	%	25	
			Vinyl Acetate	2025/12/23	NC	%	25	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).



BUREAU  
VERITAS

Bureau Veritas Job #: C5F9576

Report Date: 2026/01/05

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Anke Macfarlane, Laboratory Manager, VOC

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Your Project #: RAIN CARBON CANADA INC.  
Your C.O.C. #: na

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/08**  
Report #: R8678896  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G1172**

**Received: 2025/12/22, 16:50**

Sample Matrix: Air  
# Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/12/30	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/12/30	BRL SOP-00304	EPA TO-15 m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Your Project #: RAIN CARBON CANADA INC.  
Your C.O.C. #: na

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/08**  
Report #: R8678896  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G1172**

**Received: 2025/12/22, 16:50**

Encryption Key

Julian Tong  
Project Manager Assistant  
08 Jan 2026 14:53:05

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant  
Email: Julian.Tong@bureauveritas.com  
Phone# (905) 817-5700

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 7



BUREAU  
VERITAS

Bureau Veritas Job #: C5G1172

Report Date: 2026/01/08

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AYPU54	
Sampling Date		2025/12/17	
COC Number		na	
	UNITS	OLD WEST CANISTER VOC DECEMBER 17,2025/14255	QC Batch
<b>Volatile Organics</b>			
Pressure on Receipt	psig	(-2.8)	A081615
QC Batch = Quality Control Batch			



BUREAU  
VERITAS

Bureau Veritas Job #: C5G1172

Report Date: 2026/01/08

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYPU54				
Sampling Date		2025/12/17				
COC Number		na				
	UNITS	OLD WEST CANISTER VOC DECEMBER 17,2025/14255	RDL	ug/m3	DL (ug/m3)	QC Batch
<b>Volatile Organics</b>						
Benzene	ppbv	0.49	0.10	1.55	0.319	A081056
<b>Surrogate Recovery (%)</b>						
Bromochloromethane	%	100		N/A	N/A	A081056
D5-Chlorobenzene	%	95		N/A	N/A	A081056
Difluorobenzene	%	101		N/A	N/A	A081056
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
N/A = Not Applicable						



BUREAU  
VERITAS

Bureau Veritas Job #: C5G1172

Report Date: 2026/01/08

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

#### GENERAL COMMENTS

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C5G1172

Report Date: 2026/01/08

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC		Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
Batch	Init						
A081056	ANE	Spiked Blank	Bromochloromethane	2025/12/29	105	%	60 - 140
			D5-Chlorobenzene	2025/12/29	106	%	60 - 140
			Difluorobenzene	2025/12/29	105	%	60 - 140
			Benzene	2025/12/29	97	%	70 - 130
A081056	ANE	Method Blank	Bromochloromethane	2025/12/29	99	%	60 - 140
			D5-Chlorobenzene	2025/12/29	88	%	60 - 140
			Difluorobenzene	2025/12/29	101	%	60 - 140
			Benzene	2025/12/29	<0.10	ppbv	

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G1172

Report Date: 2026/01/08

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

*Melanie Mabini*

---

Melanie Mabini, Team Leader

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Your Project #: RAIN CARBON CANADA INC  
Your C.O.C. #: na

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/13**  
Report #: R8680698  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G2906**

**Received: 2025/12/30, 16:08**

Sample Matrix: Air  
# Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed		Analytical Method
				Laboratory Method	
Canister Pressure (TO-15)	2	N/A	2026/01/05	BRL SOP-00304	EPA TO-15 m
Canister Pressure (TO-15)	3	N/A	2026/01/06	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	2	N/A	2026/01/05	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	3	N/A	2026/01/06	BRL SOP-00304	EPA TO-15 m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



BUREAU  
VERITAS

Your P.O. #: 4500625271  
Your Project #: RAIN CARBON CANADA INC  
Your C.O.C. #: na

**Attention: Robin Hart**

RAIN CARBON Canada Inc.  
725 Strathearne Ave North  
Hamilton, ON  
CANADA L8H 5L3

**Report Date: 2026/01/13**  
Report #: R8680698  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G2906**

**Received: 2025/12/30, 16:08**

Encryption Key

Julian Tong  
Project Manager Assistant  
13 Jan 2026 14:07:43

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant  
Email: Julian.Tong@bureauveritas.com  
Phone# (905) 817-5700

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Total Cover Pages : 2  
Page 2 of 8



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2906

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

Sampler Initials: RH

### RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AYTH96	AYTH97	AYTH98	AYTH99	
Sampling Date		2025/12/27	2025/12/27	2025/12/27	2025/12/27	
COC Number		na	na	na	na	
	UNITS	EAST CANISTER VOC DECEMBER 27,2025/7845	NORTH CANISTER VOC DECEMBER 27,2025/32592	OLD WEST CANISTER VOC DECEMBER 27,2025/29300	SOUTH CANISTER VOC DECEMBER 27,2025/118	QC Batch

#### Volatile Organics

Pressure on Receipt	psig	(-2.3)	(-2.0)	(-2.7)	(-3.2)	A083175
---------------------	------	--------	--------	--------	--------	---------

QC Batch = Quality Control Batch

Bureau Veritas ID		AYTI00	
Sampling Date		2025/12/27	
COC Number		na	
	UNITS	NEW WEST CANISTER VOC DECEMBER 27,2025/7793	QC Batch

#### Volatile Organics

Pressure on Receipt	psig	(-3.3)	A083175
---------------------	------	--------	---------

QC Batch = Quality Control Batch



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2906

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

Sampler Initials: RH

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYTH96			AYTH97				
Sampling Date		2025/12/27			2025/12/27				
COC Number		na			na				
	UNITS	EAST CANISTER VOC DECEMBER 27,2025/7845	ug/m3	DL (ug/m3)	NORTH CANISTER VOC DECEMBER 27,2025/32592	RDL	ug/m3	DL (ug/m3)	QC Batch

#### Volatile Organics

Benzene	ppbv	0.98	3.12	0.319	0.53	0.10	1.68	0.319	A083176
---------	------	------	------	-------	------	------	------	-------	---------

#### Surrogate Recovery (%)

Bromochloromethane	%	88	N/A	N/A	88		N/A	N/A	A083176
D5-Chlorobenzene	%	84	N/A	N/A	84		N/A	N/A	A083176
Difluorobenzene	%	90	N/A	N/A	90		N/A	N/A	A083176

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable

Bureau Veritas ID		AYTH98			AYTH99				
Sampling Date		2025/12/27			2025/12/27				
COC Number		na			na				
	UNITS	OLD WEST CANISTER VOC DECEMBER 27,2025/29300	ug/m3	DL (ug/m3)	SOUTH CANISTER VOC DECEMBER 27,2025/118	RDL	ug/m3	DL (ug/m3)	QC Batch

#### Volatile Organics

Benzene	ppbv	1.40	4.48	0.319	7.88	0.10	25.2	0.319	A083176
---------	------	------	------	-------	------	------	------	-------	---------

#### Surrogate Recovery (%)

Bromochloromethane	%	88	N/A	N/A	88		N/A	N/A	A083176
D5-Chlorobenzene	%	84	N/A	N/A	83		N/A	N/A	A083176
Difluorobenzene	%	90	N/A	N/A	89		N/A	N/A	A083176

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2906

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

Sampler Initials: RH

### VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AYTI00				
Sampling Date		2025/12/27				
COC Number		na				
	UNITS	NEW WEST CANISTER VOC DECEMBER 27,2025/7793	RDL	ug/m3	DL (ug/m3)	QC Batch
<b>Volatile Organics</b>						
Benzene	ppbv	0.80	0.10	2.55	0.319	A083176
<b>Surrogate Recovery (%)</b>						
Bromochloromethane	%	86		N/A	N/A	A083176
D5-Chlorobenzene	%	82		N/A	N/A	A083176
Difluorobenzene	%	88		N/A	N/A	A083176
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
N/A = Not Applicable						



**BUREAU  
VERITAS**

Bureau Veritas Job #: C5G2906

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

Sampler Initials: RH

#### **GENERAL COMMENTS**

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2906

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC		Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
Batch	Init						
A083176	ANE	Spiked Blank	Bromochloromethane	2026/01/05	99	%	60 - 140
			D5-Chlorobenzene	2026/01/05	99	%	60 - 140
			Difluorobenzene	2026/01/05	100	%	60 - 140
			Benzene	2026/01/05	98	%	70 - 130
A083176	ANE	Method Blank	Bromochloromethane	2026/01/05	96	%	60 - 140
			D5-Chlorobenzene	2026/01/05	87	%	60 - 140
			Difluorobenzene	2026/01/05	98	%	60 - 140
			Benzene	2026/01/05	<0.10	ppbv	
A083176	ANE	RPD	Benzene	2026/01/05	0.50	%	25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2906

Report Date: 2026/01/13

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

*Melanie Mabini*

---

Melanie Mabini, Team Leader

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: na

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2026/01/12**  
Report #: R8680320  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G2565**

**Received: 2025/12/30, 10:09**

Sample Matrix: Air  
# Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2026/01/05	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2026/01/05	BRL SOP-00304	EPA TO-15 m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



BUREAU  
VERITAS

Your P.O. #: 32669  
Site Location: RAIN CARBON CANADA INC  
Your C.O.C. #: na

**Attention: Ruetgers list**

Rotek Environmental Inc.  
15 Keefer Court  
Hamilton, ON  
CANADA L8E 4V4

**Report Date: 2026/01/12**  
Report #: R8680320  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5G2565**

**Received: 2025/12/30, 10:09**

Encryption Key



Bureau Veritas  
12 Jan 2026 15:53:52

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager  
Email: maria.bacchus@bureauveritas.com  
Phone# (905)817-5763

=====  
This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2565

Report Date: 2026/01/12

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AYST52	
Sampling Date		2025/12/27	
COC Number		na	
	UNITS	STN29164 27-DEC-25/14509	QC Batch
Pressure on Receipt	psig	(-3.4)	A083523
QC Batch = Quality Control Batch			



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2565

Report Date: 2026/01/12

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VOLATILE ORGANICS BY GC/MS (AIR)

<b>Bureau Veritas ID</b>		AYST52				
<b>Sampling Date</b>		2025/12/27				
<b>COC Number</b>		na				
	<b>UNITS</b>	<b>STN29164 27-DEC-25/14509</b>	<b>RDL</b>	<b>ug/m3</b>	<b>DL (ug/m3)</b>	<b>QC Batch</b>
Benzene	ppbv	0.14	0.10	0.462	0.319	A083031
<b>Surrogate Recovery (%)</b>						
Bromochloromethane	%	90		N/A	N/A	A083031
D5-Chlorobenzene	%	86		N/A	N/A	A083031
Difluorobenzene	%	90		N/A	N/A	A083031
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
N/A = Not Applicable						



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2565

Report Date: 2026/01/12

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

#### GENERAL COMMENTS

Results relate only to the items tested.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2565

Report Date: 2026/01/12

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

## QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A083031	DVP		Spiked Blank	Bromochloromethane	2026/01/05	106	%	60 - 140	
				D5-Chlorobenzene	2026/01/05	104	%	60 - 140	
				Difluorobenzene	2026/01/05	106	%	60 - 140	
				Benzene	2026/01/05	96	%	70 - 130	
A083031	DVP		Method Blank	Bromochloromethane	2026/01/05	103	%	60 - 140	
				D5-Chlorobenzene	2026/01/05	99	%	60 - 140	
				Difluorobenzene	2026/01/05	104	%	60 - 140	
				Benzene	2026/01/05	<0.10		ppbv	
A083031	DVP	RPD		Benzene	2026/01/05	9.0	%	25	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU  
VERITAS

Bureau Veritas Job #: C5G2565

Report Date: 2026/01/12

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

*Melanie Mabini*

---

Melanie Mabini, Team Leader

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

**APPENDIX E**

**Field Notes**



RAIN CARBON INC.

## PUF - Station Logs

Station	: East
Location	: 725 Strathearn Avenue N, Hamilton
Period	: October 1 to December 31, 2025
Quarter	Q4

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m <sup>3</sup> )	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
----------------------------	----------------------------------	-----------------------	--------------------------------------	------------	--------	-------------	---------	---------------------------------	--	--------------------------------------	-----------------------	----------

04-Oct-25	AVQQ15-01	AVQQ15-01	03-Oct-25	36	5542.23	38	5565.52	07-Oct-25	329.9	23.29	RH	
	PUF#1		17:57					12:31				
16-Oct-25	AVRL26-01	AVRL26-01	15-Oct-25	36	5565.52	36	5588.80	20-Oct-25	321.1	23.28	RH	
	PUF#1		17:08					12:41				
28-Oct-25	AVRL51-01	AVRL51-01	27-Oct-25	38	5588.81	34	5612.22	29-Oct-25	325.5	23.41	RH	
	PUF#1		16:16					16:18				
09-Nov-25	AWWL21-01	AWWL21-01	07-Nov-25	36	5612.23	34	5635.59	11-Nov-25	323.8	23.36	RH	
	PUF#1		16:24					11:58				
21-Nov-25	AWWL35-01	AWWL35-01	20-Nov-25	36	5635.60	30	5658.86	25-Nov-25	313.6	23.26	RH	
	PUF#1		17:56					12:21				
03-Dec-25	AWWL48-01	AWWL48-01	02-Dec-25	38	5658.87	38	5682.23	05-Dec-25	334.0	23.36	RH	
	PUF#1		18:15					14:21				
15-Dec-25	AWWL64-01	AWWL64-01	12-Dec-25	38	5682.24	38	5705.62	16-Dec-25	346.2	23.38	RH	
	PUF#1		15:06					16:31				
27-Dec-25	AWWL93-01	AWWL93 -01	23-Dec-25	38	5705.63	38	5728.90	30-Dec-25	343.3	23.27	RH	
	PUF#1		13:59					12:09				



RAIN CARBON INC.

## PUF - Station Logs

**Station** : North  
**Location** : 725 Strathearn Avenue N, Hamilton  
**Period** : October 1 to December 31, 2025  
**Quarter** : Q4

	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
--	-------------------------------	--------------------	-----------------------------------	---------	--------	----------	---------	------------------------------	--	-----------------------------------	--------------------	----------

04-Oct-25	AVQQ16-01	AVQQ16-01	03-Oct-25	30	3775.97	28	3799.46	07-Oct-25	307.9	23.49	RH	
	PUF#2		18:06					12:55				
16-Oct-25	AVRL27-01	AVRL27-01	15-Oct-25	34	3799.47	36	3822.93	20-Oct-25	325.3	23.46	RH	
	PUF#2		17:22					12:49				
28-Oct-25	AVRL52-01	AVRL52-01	27-Oct-25	34	3822.94	32	3846.34	29-Oct-25	319.6	23.40	RH	
	PUF#2		16:47					16:26				
09-Nov-25	AWWL22-01	AWWL22-01	07-Nov-25	34	3846.34	30	3869.80	11-Nov-25	318.7	23.46	RH	
	PUF#2		16:38					12:07				
21-Nov-25	AWWL36-01	AWWL36-01	20-Nov-25	38	3869.87	32	3893.35	25-Nov-25	326.9	23.48	RH	
	PUF#2		18:13					12:34				
03-Dec-25	AWWL49-01	AWWL49-01	02-Dec-25	38	3893.35	34	3916.78	05-Dec-25	335.5	23.43	RH	
	PUF#2		18:30					14:25				
15-Dec-25	AWWL65-01	AWWL65-01	12-Dec-25	34	3916.79	34	3940.16	16-Dec-25	331.0	23.37	RH	
	PUF#2		15:25					16:43				
27-Dec-25	AWWL94-01	AWWL94 -01	23-Dec-25	38	3940.17	36	3963.65	30-Dec-25	343.6	23.48	RH	
	PUF#2		14:18					12:19				



RAIN CARBON INC.

## PUF - Station Logs

**Station** : Old West  
**Location** : 725 Strathearn Avenue N, Hamilton  
**Period** : October 1 to December 31, 2025  
**Quarter** : Q4

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m <sup>3</sup> )	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
----------------------------	----------------------------------	-----------------------	--------------------------------------	------------	--------	-------------	---------	---------------------------------	--	--------------------------------------	-----------------------	----------

04-Oct-25	AVQQ17-01	AVQQ17-01	03-Oct-25	36	5399.55	36	5423.28	07-Oct-25	313.9	23.73	RH	
	PUF#3		19:02					14:01				
16-Oct-25	AVRL28-01	AVRL28-01	15-Oct-25	38	5423.29	36	5447.07	20-Oct-25	326.0	23.78	RH	
	PUF#3		18:35					13:38				
28-Oct-25	AVRL53-01	AVRL53-01	27-Oct-25	38	5447.07	34	5470.77	29-Oct-25	324.4	23.70	RH	
	PUF#3		17:44					17:23				
09-Nov-25	AWWL23-01	AWWL23-01	07-Nov-25	38	5470.77	30	5494.46	11-Nov-25	319.9	23.69	RH	
	PUF#3		17:41					13:00				
21-Nov-25	AWWL37-01	AWWL37-01	20-Nov-25	30	5494.57	30	5518.25	25-Nov-25	302.7	23.68	RH	
	PUF#3		19:05					13:25				
03-Dec-25	AWWL50-01	AWWL50-01	02-Dec-25	38	5518.25	38	5541.98	05-Dec-25	334.0	23.73	RH	
	PUF#3		19:21					15:50				
15-Dec-25	AWWL66-01	AWWL66-01	12-Dec-25	36	5541.98	36	5565.73	16-Dec-25	341.6	23.75	RH	
	PUF#3		18:43					17:30				
27-Dec-25	AWWL95-01	AWWL95 -01	23-Dec-25	38	5565.73	38	5589.31	30-Dec-25	344.7	23.58	RH	
	PUF#3		15:12					13:40				



RAIN CARBON INC.

## PUF - Station Logs

**Station** : South  
**Location** : 725 Strathearn Avenue N, Hamilton  
**Period** : October 1 to December 31, 2025  
**Quarter** : Q4

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m <sup>3</sup> )	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
----------------------------	----------------------------------	-----------------------	--------------------------------------	------------	--------	-------------	---------	---------------------------------	--	--------------------------------------	-----------------------	----------

04-Oct-25	AVQQ18-01	AVQQ18-01	03-Oct-25	36	5303.55	30	5326.49	07-Oct-25	318.8	22.94	RH	
	PUF#4		18:33					13:23				
16-Oct-25	AVRL29-01	AVRL29-01	15-Oct-25	36	5326.50	36	5349.43	20-Oct-25	306.4	22.93	RH	
	PUF#4		17:47					13:07				
28-Oct-25	AVRL54-01	AVRL54-01	27-Oct-25	34	5349.43	34	5372.35	29-Oct-25	301.7	22.92	RH	
	PUF#4		17:07					16:47				
09-Nov-25	AWWL24-01	AWWL24-01	07-Nov-25	34	5372.36	32	5395.27	11-Nov-25	300.2	22.91	RH	
	PUF#4		16:57					12:22				
21-Nov-25	AWWL38-01	AWWL38-01	20-Nov-25	36	5395.28	32	5418.24	25-Nov-25	300.0	22.96	RH	
	PUF#4		18:33					12:54				
03-Dec-25	AWWL51-01	AWWL51-01	02-Dec-25	38	5418.25	34	5441.19	05-Dec-25	312.8	22.94	RH	
	PUF#4		18:46					15:00				
15-Dec-25	AWWL67-01	AWWL67-01	12-Dec-25	36	5441.20	38	5464.14	16-Dec-25	327.6	22.94	RH	
	PUF#4		17:58					16:58				
27-Dec-25	AWWL96-01	AWWL96 -01	23-Dec-25	40	5464.14	38	5487.07	30-Dec-25	333.5	22.93	RH	
	PUF#4		14:35					12:47				



RAIN CARBON INC.

## PUF - Station Logs

**Station** : New West  
**Location** : 725 Strathearn Avenue N, Hamilton  
**Period** : October 1 to December 31, 2025  
**Quarter** : Q4

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m <sup>3</sup> )	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
----------------------------	----------------------------------	-----------------------	--------------------------------------	------------	--------	-------------	---------	---------------------------------	--	--------------------------------------	-----------------------	----------

04-Oct-25	AVQQ19-01	AVQQ19-01	03-Oct-25	38	5129.60	36	5153.19	07-Oct-25	311.2	23.59	RH	
	PUF#5		18:46					13:41				
16-Oct-25	AVRL30-01	AVRL30-01	15-Oct-25	38	5153.19	36	5176.75	20-Oct-25	312.1	23.56	RH	
	PUF#5		18:25					13:24				
28-Oct-25	AVRL55-01	AVRL55-01	27-Oct-25	38	5176.76	36	5200.45	29-Oct-25	317.4	23.69	RH	
	PUF#5		17:24					17:05				
09-Nov-25	AWWL25-01	AWWL25-01	07-Nov-25	38	5200.45	34	5224.05	11-Nov-25	314.9	23.60	RH	
	PUF#5		17:18					12:37				
21-Nov-25	AWWL39-01	AWWL39-01	20-Nov-25	38	5224.11	38	5247.49	25-Nov-25	318.4	23.38	RH	
	PUF#5		18:48					13:08				
03-Dec-25	AWWL52-01	AWWL52-01	02-Dec-25	38	5247.50	40	5271.20	05-Dec-25	329.3	23.70	RH	
	PUF#5		19:05					15:14				
15-Dec-25	AWWL68-01	AWWL68-01	12-Dec-25	38	5271.20	40	5294.79	16-Dec-25	330.4	23.59	RH	
	PUF#5		18:27					17:15				
27-Dec-25	AWWL97-01	AWWL97-01	23-Dec-25	38	5294.80	38	5318.29	30-Dec-25	323.2	23.49	RH	
	PUF#5		14:55					13:02				



### VOC - Station Logs

Station : East  
 Location : 725 Strathearne Avenue N, Hamilton  
 Period : October 1 to December 31, 2025  
 Quarter : Q4

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As)	Comments
----------------------------	----------------------	--------------------------------------	---------------------	-------------------------	----------------------	--------------------------	---------------------------------	---	--------------------------------------	-----------------------	------------------------------------	----------

04-Oct-25	17177	03-Oct	---	-30.0	---	<b>-10.5</b>	07-Oct-25	---	24.0	RH		
		18:00					12:33					
16-Oct-25	14543	15-Oct	---	-30.0	---	<b>-10.0</b>	20-Oct-25	---	24.0	RH		
		17:14					12:43					
28-Oct-25	14238	27-Oct	---	-30.0	---	<b>-11.0</b>	29-Oct-25	---	24.0	RH		
		16:22					16:20					
09-Nov-25	18262	07-Nov	---	-30.0	---	<b>-11.0</b>	11-Nov-25	---	24.0	RH		
		16:30					12:00					
21-Nov-25	1257	20-Nov	---	-30.0	---	<b>-11.0</b>	25-Nov-25	---	24.0	RH		
		18:02					12:25					
03-Dec-25	262	02-Dec	---	-30.0	---	<b>-6.5</b>	05-Dec-25	---	24.0	RH		
		18:21					14:24					
15-Dec-25	301	12-Dec	---	-30.0	---	<b>-6.5</b>	16-Dec-25	---	24.0	RH		
		15:10					16:34					
27-Dec-25	7845	23-Dec	---	-30.0	---	<b>-6.5</b>	30-Dec-25	---	24.0	RH		
		14:04					12:11					



## VOC - Station Logs

**Station** : North  
**Location** : 725 Strathearne Avenue N, Hamilton  
**Period** : October 1 to December 31, 2025  
**Quarter** : Q4

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As)	Comments
----------------------------	----------------------	--------------------------------------	---------------------	----------------------	----------------------	-----------------------	---------------------------------	---	--------------------------------------	-----------------------	------------------------------------	----------

04-Oct-25	37352	03-Oct	---	-30.0	---	-7.0	07-Oct-25	---	24.0	RH		
		18:12					12:57					
16-Oct-25	262	15-Oct	---	-30.0	---	-6.0	20-Oct-25	---	24.0	RH		
		17:35					12:51					
28-Oct-25	256	27-Oct	---	-30.0	---	-30.0	29-Oct-25	---	24.0	RH		The October 28, 2025, MECP monitoring day VOC monitor summa canister off pressure was -30 inches Hg due to a VOC sampler timer valve failure.
		16:53					16:29					
30-Oct-25	256	29-Oct	---	-30.0	---	-7.0	31-Oct-25	---	24.0	RH		Additional North VOC Monitor October 30, 2025, monitoring day and successful sample.
		16:37					17:06					
09-Nov-25	14917	07-Nov	---	-30.0	---	-30.0	11-Nov-25	---	24.0	RH		The November 9, 2025, MECP monitoring day VOC monitor summa canister off
		16:42					12:09					
12-Nov-25	14917	11-Nov	---	-30.0	---	0.0	20-Nov-25	---	24.0	RH		The November 12, 2025, MECP monitoring day VOC monitor summa canister off
		12:11					18:23					
21-Nov-25	7865	20-Nov	---	-28.0	---	-24.0	25-Nov-25	---	24.0	RH		The November 21, 2025, MECP monitoring day VOC monitor summa canister off
		18:21					12:37					
22-Nov-25	18274	21-Nov	---	-30.0	---	-7.0	25-Nov-25	---	24.0	RH		Additional North VOC Monitor November 22, 2025, monitoring day.
		11:15					12:38					
29-Nov-25	2807	28-Nov	---	-30.0	---	-6.0	02-Dec-25	---	24.0	RH		Additional North VOC Monitor November 29, 2025, monitoring day.
		18:39					17:30					
03-Dec-25	131	02-Dec	---	-28.0	---	-6.0	05-Dec-25	---	24.0	RH		
		18:33					14:37					
15-Dec-25	14915	12-Dec	---	-28.0	---	-7.0	16-Dec-25	---	24.0	RH		
		15:30					16:45					
27-Dec-25	32592	23-Dec	---	-28.0	---	-6.0	30-Dec-25	---	24.0	RH		
		14:21					12:22					



### VOC - Station Logs

**Station** : Old West  
**Location** : 725 Strathearne Avenue N, Hamilton  
**Period** : October 1 to December 31, 2025  
**Quarter** : Q4

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure (''Hg)	Off Flow (mL/min)	Off Pressure (''Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As)	Comments
04-Oct-25	278	03-Oct 19:09	---	-30.0	---	0.0	07-Oct-25 14:10	---	24.0	RH		The October 4, 2025, MECP monitoring day VOC monitor summa canister pressure on receipt was 0 inches Hg due to a suspected VOC sampler timer valve leak.
11-Oct-25	140	10-Oct 18:34	---	-29.0	---	-0.5	14-Oct-25 15:39	---	24.0	RH		Additional Old West VOC Monitor October 11, 2025 monitoring day. Unsuccessful sample as pressure on receipt was not within MECP guidance limits.
16-Oct-25	18231	15-Oct 18:14	---	-30.0	---	-9.0	20-Oct-25 15:10	---	24.0	RH		
21-Oct-25	14926	20-Oct 15:20	---	-30.0	---	-30.0	23-Oct-25 13:51	---	24.0	RH		Additional Old West VOC Tuesday October 21, 2025 monitoring day. The summa canister pressure on receipt was 0 inches Hg due to a suspected VOC sampler timer valve leak.
25-Oct-25	32572	24-Oct 17:39	---	-30.0	---	-9.0	27-Oct-25 17:45	---	24.0	RH		Additional Old West VOC Saturday October 25, 2025 monitoring day and successful sample.
28-Oct-25	18241	27-Oct 17:50	---	-30.0	---	-6.0	29-Oct-25 17:25	---	24.0	RH		
09-Nov-25	249	07-Nov 17:33	---	-30.0	---	-6.0	11-Nov-25 13:18	---	24.0	RH		
09-Nov-25	14918	07-Nov 17:46	---	-30.0	---	-30.0	11-Nov-25 13:03	---	24.0	RH		The November 9, 2025, MECP monitoring day VOC monitor summa canister off pressure was -30 inches Hg due to a VOC sampler timer valve failure.
21-Nov-25	14899	20-Nov 19:10	---	-29.0	---	-29.0	25-Nov-25 13:28	---	24.0	RH		The November 21, 2025, MECP monitoring day VOC monitor summa canister off pressure was -30 inches Hg due to a VOC sampler timer valve failure.
26-Nov-25	14899	25-Nov 13:30	---	-29.0	---	-9.5	27-Nov-25 11:10	---	24.0	RH		Additional successful Old West VOC Wednesday November 26, 2025 monitoring day.
03-Dec-25	32589	02-Dec 19:26	---	-28.5	---	-11.5	05-Dec-25 15:53	---	24.0	RH		
15-Dec-25	14255	12-Dec 18:27	---	-28.0	---	-28.0	16-Dec-25 17:32	---	24.0	RH		The December 15, 2025, MECP monitoring day VOC monitor summa canister off pressure was -28 inches Hg due to a VOC sampler timer valve failure.
17-Dec-25	14255	16-Dec 17:34	---	-28.0	---	-8.0	19-Dec-25 15:10	---	24.0	RH		Additional Old West VOC Wednesday December 17, 2025 monitoring day.
27-Dec-25	29300	23-Dec 15:18	---	-30.0	---	-8.0	30-Dec-25 13:43	---	24.0	RH		



### VOC - Station Logs

Station : South  
 Location : 725 Strathearne Avenue N, Hamilton  
 Period : October 1 to December 31, 2025  
 Quarter : Q4

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As)	Comments
----------------------------	----------------------	--------------------------------------	---------------------	-------------------------	----------------------	--------------------------	---------------------------------	---	--------------------------------------	-----------------------	------------------------------------	----------

04-Oct-25	23732	03-Oct	---	-30.0	---	-6.0	07-Oct-25	---	24.0	RH		
		18:36					13:25					
16-Oct-25	7820	15-Oct	---	-30.0	---	-5.5	20-Oct-25	---	24.0	RH		
		17:51					13:09					
28-Oct-25	121	27-Oct	---	-30.0	---		29-Oct-25	---	24.0	RH		
		17:11										
09-Nov-25	124	07-Nov	---	-30.0	---	-6.0	11-Nov-25	---	24.0	RH		
		17:02					12:24					
21-Nov-25	7849	20-Nov	---	-29.0	---	-5.5	25-Nov-25	---	24.0	RH		
		18:42					12:57					
03-Dec-25	2758	02-Dec	---	-29.0	---	-8.5	05-Dec-25	---	24.0	RH		
		18:52					15:03					
15-Dec-25	14545	12-Dec	---	-28.0	---	-9.0	16-Dec-25	---	24.0	RH		
		18:05					17:01					
27-Dec-25	118	23-Dec	---	-30.0	---	-9.0	30-Dec-25	---	24.0	RH		
		14:39					12:49					



### VOC - Station Logs

Station : New West  
 Location : 725 Strathearn Avenue N, Hamilton  
 Period : October 1 to December 31, 2025  
 Quarter : Q4

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As)	Comments
----------------------------	----------------------	--------------------------------------	---------------------	-------------------------	----------------------	--------------------------	---------------------------------	---	--------------------------------------	-----------------------	------------------------------------	----------

04-Oct-25	18240	03-Oct	---	-30.0	---	-7.5	07-Oct-25	---	24.0	RH		
		18:49					13:48					
16-Oct-25	2767	15-Oct	---	-28.0	---	-6.0	20-Oct-25	---	24.0	RH		
		18:05					13:26					
28-Oct-25	14531	27-Oct	---	-28.0	---		29-Oct-25	---	24.0	RH		
		17:28										
09-Nov-25	16087	07-Nov	---	-30.0	---	-7.5	11-Nov-25	---	24.0	RH		
		17:22					12:38					
21-Nov-25	27660	20-Nov	---	-28.0	---	-6.0	25-Nov-25	---	24.0	RH		
		18:50					13:11					
03-Dec-25	14907	02-Dec	---	-30.0	---	-6.0	05-Dec-25	---	24.0	RH		
		19:11					15:17					
15-Dec-25	14238	12-Dec	---	-28.0	---	-6.0	16-Dec-25	---	24.0	RH		
		18:15					17:19					
27-Dec-25	7793	23-Dec	---	-28.0	---	-6.0	30-Dec-25	---	24.0	RH		
		14:04					13:06					