

REPORT

October 2025 Ambient Air Monitoring Report

Rain Carbon Canada Inc.

Submitted by:

Rain Carbon Canada Inc.

725 Strathearn Avenue North
Hamilton, Ontario
L8H 5L3

November 2025

Distribution List

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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 fourth monthly report submitted as part of the Rain Carbon ambient monitoring program and summarizes the measurements taken in October 2025.

The ambient air monitoring measurements for October 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 conducted monitoring for benzene and B(a)P monitoring off site at the HAMN station 29164 from October 2022 through December 2022 and resumed monitoring on October 7, 2023.

This report includes the following information for measurements taken in October 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.

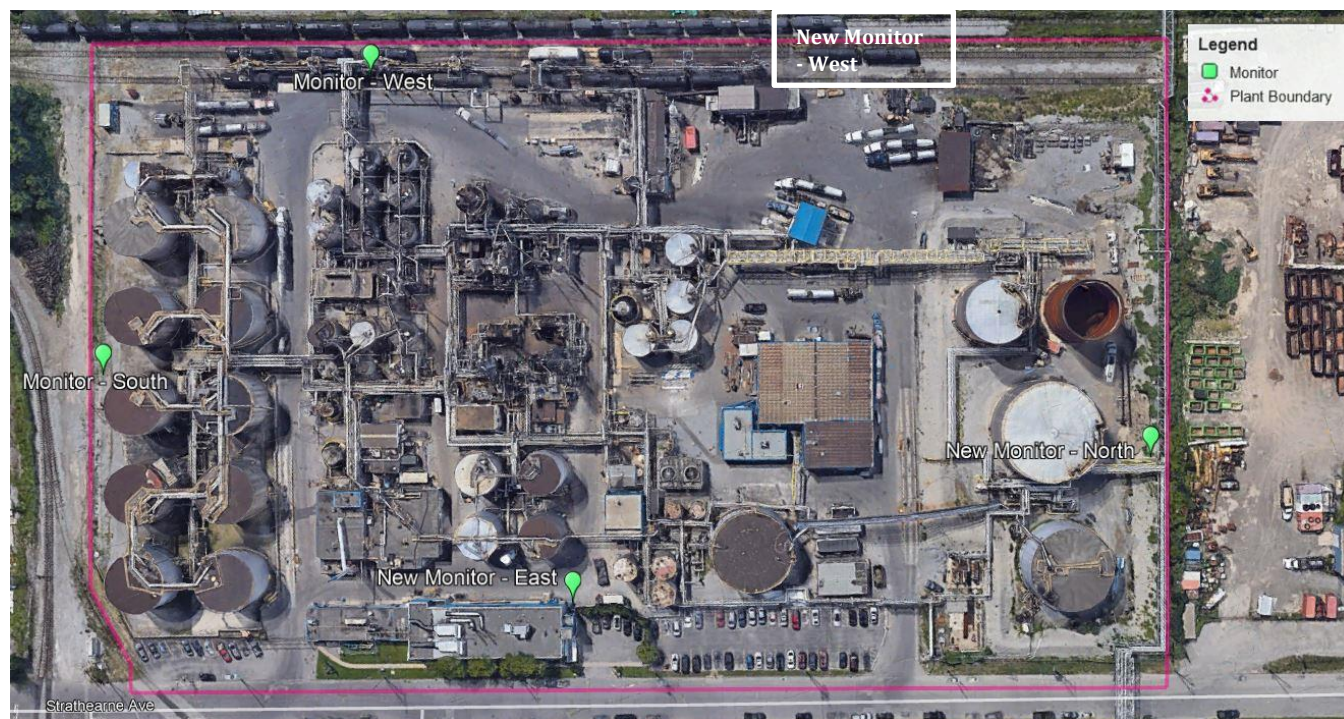


Figure 1: Monitor and Source Locations



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

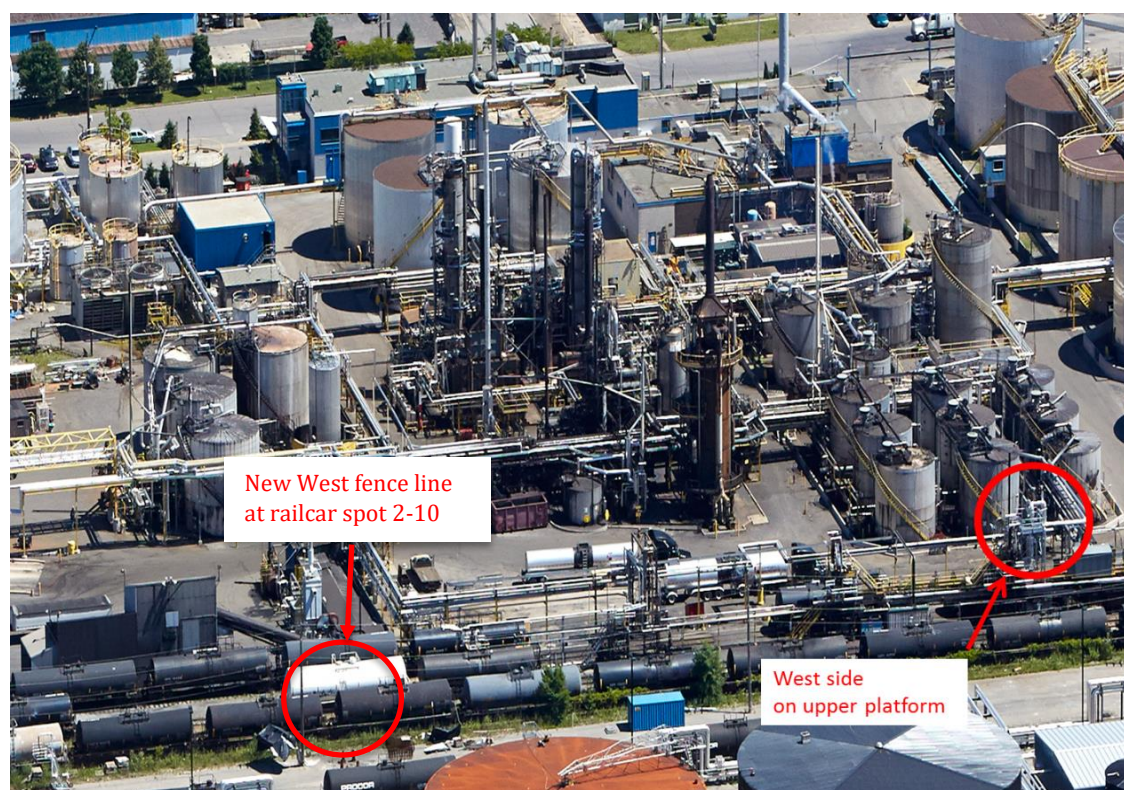


Figure 3: Monitor Locations on the West Side of the Facility



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 m³ and 358.8 m³ over 24 hours. The summa canister pressures on receipt and PUF filter total volumes are presented below in Tables 2 and 3.

For the October 2025 B(a)P monitoring results, all the recorded PUF volumes were inside the MECP specified range of between 293.6 m³ and 358.8 m³ over 24 hours

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

Monitoring Event Date	Benzene SUMMA Canister Pressure on Receipt (inches Hg)					
	East	North	Old West	South	New West	HAMN STN 29164
October 4	- 10.18*	- 6.52	0.00**	- 6.31	- 8.55	- 9.16
October 11 Old West Monitor Additional Monitoring Event	-	-	0.00**	-	-	-
October 16	- 8.75	- 4.28*	- 6.52	- 4.89*	- 6.52	-8.55
October 25 Old West Monitor Additional Monitoring Event	-	-	- 5.29	-	-	-
October 28	- 9.16	-30.00**	- 3.05*	- 4.28*	- 6.92	- 8.55
October 30 North Monitor Additional Monitoring Event	-	-4.68*	-	-	-	-

*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

Monitoring Event Date		+B(a)P PUF Total Volume [m³]				
	East	North	Old West	South	New West	HAMN STN 29164
October 4	329.9	307.9	313.9	318.8	311.2	321.9
October 16	321.1	325.3	326.0	306.4	312.1	333.8
October 28	325.5	319.6	324.4	301.7	317.4	325.8

4.0 SUMMARY OF BENZENE MEASUREMENTS

Table 4: Summary of October 2025 Benzene Measurements

Monitoring Event Date	Measured Concentration [$\mu\text{g}/\text{m}^3$]					HAMN STN 29164
	East	North	Old West	South	New West	
October 4	5.30*	55.4	Invalid sample**	7.59	3.54	1.37
October 11 Old West Monitor Additional Monitoring Event	-	-	Invalid sample**	-	-	-
October 16	20.1	8.35*	3.40	15.90*	2.37	1.39
October 25 Old West Monitor Additional Monitoring Event	-	-	0.573	-	-	-
October 28	0.801	Invalid sample**	11.8*	48.0*	3.99	< 0.319
October 30 North Monitor Additional Monitoring Event	-	0.489*	-	-	-	-

*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 benzene measurements were taken in October 2025. The measurements range from < 0.319 $\mu\text{g}/\text{m}^3$ to **48.0 $\mu\text{g}/\text{m}^3$ benzene**, with the highest value being detected at the **south monitor** during the **Tuesday October 28, 2025, MECP monitoring event**.

All the benzene concentrations measured during the October 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 October 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	
October 4	0.00042	0.00032	0.00070	< 0.00031	0.00090	< 0.00031
October 16	0.00037	< 0.00031	0.00086	0.00039	0.00096	< 0.00030
October 28	< 0.00031	< 0.00031	0.00148	0.00046	0.00536	< 0.00031

Three sets of B(a)P measurements were taken in October 2025. The B(a)P measurements ranged from < 0.00030 $\mu\text{g}/\text{m}^3$ to **0.00095 $\mu\text{g}/\text{m}^3$ B(a)P**, with the highest value being detected at the **new west monitor** during the **Tuesday October 28, 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 concentration of **0.00536 $\mu\text{g}/\text{m}^3$ B(a)P** measured at the new west monitor on the **Tuesday October 28, 2025, MECP monitoring event** was above the **0.00430 $\mu\text{g}/\text{m}^3$ B(a)P Measured Level Threshold (MLT)** which triggered the preparation of the October 2025 AML report.

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

All the remaining B(a)P concentrations measured during the three October 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 concentration of **0.00536 $\mu\text{g}/\text{m}^3$ B(a)P** measured at the new west monitor on the **Tuesday October 28, 2025, MECP monitoring event** was above the **0.00430 $\mu\text{g}/\text{m}^3$ B(a)P Measured Level Threshold (MLT)** which triggered the preparation of the October 2025 AML report. The measurement was also above the **24-hr Upper Risk Threshold (URT) of 0.0050 $\mu\text{g}/\text{m}^3$ B(a)P** which required a **Section 30 Notification to the MECP**.

All the remaining B(a)P concentrations measured during the three October 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**.

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

All the summa canister pressures on receipt were within the MECP acceptable pressure of receipt range of between -1.6 to -13.4 inches Hg except at the old west monitor on the **October 4, 2025, MECP monitoring event** and at the north monitor on the **October 28, 2025, MECP monitoring event** where both VOC sampler timers failed respectively and no samples were obtained.

The old west VOC monitor was operated successfully again on the **October 25, 2025, Old West Monitor Additional Monitoring Event** and the north VOC monitor was operated successfully again on the **October 30, 2025, North Monitor Additional Monitoring Event**.

Signature Page

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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

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September 2020

Distribution List

1 PDF Copy - MECP, SDB, Toronto

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APPENDIX A

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 ³ (0.1 ng/m ³)
Benzene	Mass spectrometry or other detector(s) such as flame ionization detector (FID) or electron capture detector (ECD)	0.16 µg/m ³

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

A handwritten signature in black ink that reads "R. S. Hart". The signature is written in a cursive style with a large, stylized 'R' and 'H'.

Robin S. Hart P.Eng.

Environmental Engineer

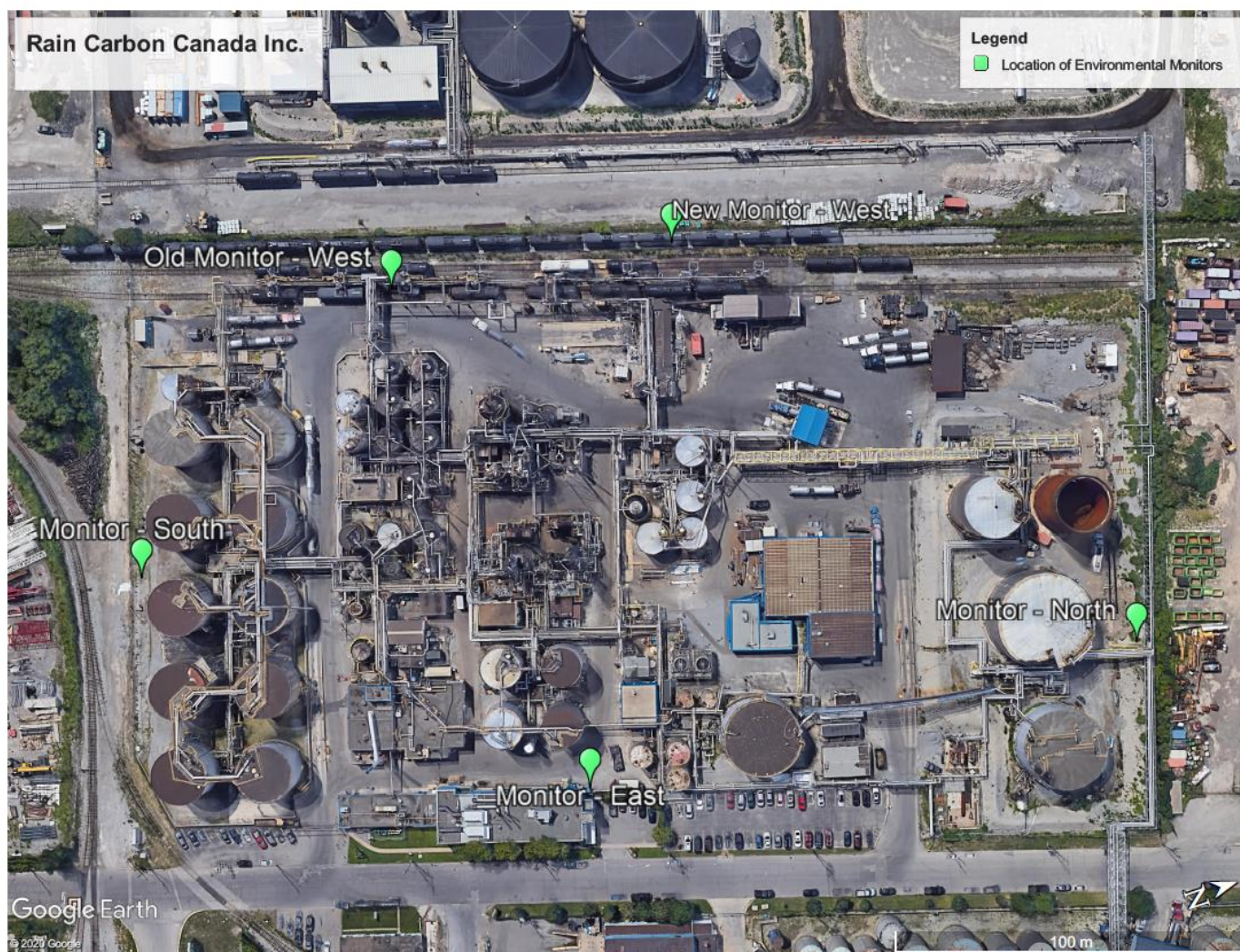
Rain Carbon Canada Inc.

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.

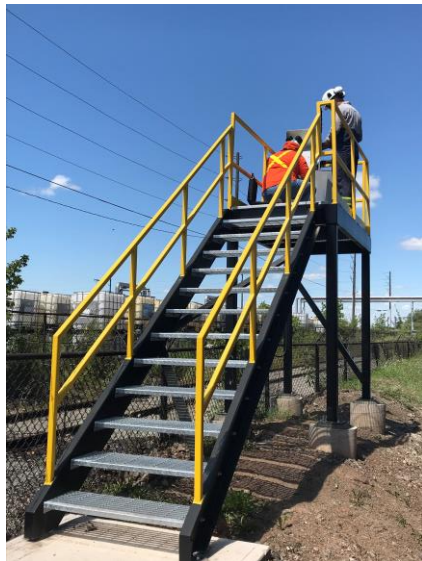


North monitor

Figure A3: Aerial View 1 – Existing South Monitoring Station



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



New West Monitor



East monitor



Figure A4: Aerial View 4 – East Monitoring Station

APPENDIX B

Laboratory Analysis

Rain Carbon Canada Inc. - Monthly BaP Sampling Report

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

Parameter
Units
Analytical RDL
Annual Site-Specific Standard

BaP
ng/m ³
0.315
0.8

Sample Date
October 4, 2025
October 16, 2025
October 28, 2025

Location					
East	North	Old West	South	New West	STN29164
0.42	0.32	0.70	0.165	0.90	0.165*
0.37	0.155	0.86	0.39	0.45	0.150*
0.155	0.155	1.48	0.46	5.36	0.155*

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

0.315	0.21	1.01	0.34	2.24	0.1575*
0.42	0.32	1.48	0.46	5.36	0.165*
0.155	0.155	0.70	0.165	0.45	0.150*
0	0	1	0	1	0*
3	3	3	3	3	3*
100	100	100	100	100	100*

*These results alone follow Rotek reporting protocol.** Invalid sample as the total PUF volumes recorded were under the minimum volume requirement of 293.6 m³. ** Sample not obtained as no power to the PAH monitor. **Note:** All non detectable results reported as ½ the Reportable Detection Limit (RDL).

Comments:

Rain Carbon Canada Inc. - VOC Sampling Report

Reporting Period : October 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 ³
0.319
12.7

Sample Date
October 4, 2025
October 16, 2025
October 25, 2025 Old West Monitor Additional Monitoring Event
October 28, 2025
October 30, 2025, North Monitor Additional Monitoring Event

Location					
East	North	Old West	South	New West	STN29164
5.30	55.4	Invalid sample	7.59	3.54	1.37*
20.1	8.35	3.40	15.90	2.37	1.39*
-	-	0.573	-	-	-
0.801	Invalid sample	11.8	48.0	3.99	0.16*
-	0.489	-	-	-	-

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

8.73	21.41	5.26	23.80	3.30	0.97
20.1	55.4	11.8	48.0	3.99	1.39*
0.801	0.489	0.573	7.59	2.37	0.16*
1	1	0	2	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 : October 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 ³
Analytical RDL	0.315
Annual Site Specific Standard	0.8

Sample Date	Location					
	East	North	Old West	South	New West	STN29164
04-Oct-25	...	...	...	...	...	0.16
16-Oct-25	...	...	...	...	...	0.15
28-Oct-25	...	...	...	...	...	0.16

Monthly Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.16
Monthly Max	0.00	0.00	0.00	0.00	0.00	0.16
Monthly Min	0.00	0.00	0.00	0.00	0.00	0.15
No. of Samples >Standard	0	0	0	0	0	0
No. of Valid Samples	0	0	0	0	0	3
% Valid Data	100	100	100	100	100	100

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

Comments

Rain Carbon Canada Inc. - VOC Sampling Report

Reporting Period : October 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 ³
Analytical RDL	0.319
Site Specific Standard	12.7

Sample Date	Location					
	East	North	Old West	South	New West	STN29164
04-Oct-25	...	...	...	...	...	1.37
16-Oct-25	...	...	...	...	...	1.39
28-Oct-25	...	...	...	...	...	0.16

Monthly Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.97
Monthly Max	0.00	0.00	0.00	0.00	0.00	1.39
Monthly Min	0.00	0.00	0.00	0.00	0.00	0.16
No. of Samples >Standard	0	0	0	0	0	0
No. of Valid Samples	0	0	0	0	0	3
% Valid Data	100	100	100	100	100	100

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

Comments

APPENDIX C

Chain of Custody Forms

Page 1 of 1

no C-S
on warm gepacho
B61172548

2025/10/30 18:10

AIR

[illegible]

BV 1172550



NONT-2025-10-7095

[illegible]

C5D2824

AIR-001

Page 1 of 2

JOB #

CLIENT NAME:

Rain Carbon

Maxxam Analytics
CAM FCD-01053/2
Page 1 of 1

Internal Sample Receipt Form											
Sample Identification		Date Sampled	Time Sampled	Matrix	# of Bottles	Comments					
1	18231					Media Job# CSC1949					
2	32576					Media Job# CSC1537					
3											
4						Not listed on the POC.					
5											
6						-18231 (Blank Tag)					
7						-32576 (Tag was labeled with "STR")					
8											
9											
10											
11											
12											
13											
14											
15											
Received by (Signature & Print):		Date	Time	Cooler ID	Temperature	Custody seal Present		Custody Seal Intact		Ice Present	
						YES	NO	YES	NO	YES	NO
Jumaya Courtney Jumaya		2023/10/21	08:30				✓		✓		✓

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)				BTX/Aromatic/Aliphatic Hydrocarbon Fractions				BTX/F1 (C6-C10) and F2 (C10-C16)				Selected VOC's - please specify				Other				CANISTERS NOT USED			
Company Name: Rain Carbon Canada Inc.				Company Name: Rain Carbon Canada				Contact Name: Robin Hart				Project Manager: Robin Hart				Address: 725 Strathearn Avenue				Address: 725 Strathearn Avenue				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																																											
East Canister VOC October 28, 2025				14543								28-Oct-25																																											
Old West Canister VOC October 25, 2025				32572								25-Oct-25																																											
Old West Canister VOC October 28, 2025				18241								28-Oct-25																																											
South Canister VOC October 28, 2025				121								28-Oct-25																																											
New West Canister VOC October 28, 2025				14531								28-Oct-25																																											

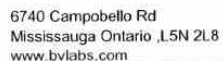
31-Oct-25 08:30

Julian Tong



C5D8682

CSM AIR-001



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

CHAIN OF CUSTODY FORM - AIR

CAM FCD-01302 /3

Page of

CLIENT INFORMATION

Company Name: Rain Carbon Canada Inc.

Project Manager: Robin Hart

e-mail: robin.hart@raincarbon.com

Address: 725Stralhearne Avenue
Hamilton, ON

SECTION

Phone: 1-647-281-8094

Fax:

Sampled by: Robin Hart

PAHs on PUF as per ERP 7013

ANALYSIS REQUESTED

[illegible]

TAT Requirement	
-----------------	--

STD 10 Business day ☐
Rush 5 Business day * ☐
Rush 2 Business day * ☐
* need approval from Bureau
Veritas

PROJECT INFORMATION	
---------------------	--

Project #:
Name: Rain Carbon Canada Inc.
PO #: 4500625271
BV Quote #:
BV Contact: Cristina Bao

REPORTING REQUIREMENTS

Summary Report only	☒
EDD	☒

Regulation

Client Signature:	Robin Hart
Affiliation:	Environmental Engineer
Date/Time:	31-Oct-25 4:00 PM

Received by: _____
Affiliation: _____
Date/Time: _____

Notes

Please note if these samples are "Industrial Hygiene" samples
If submitting dustfall samples, please indicate the diameter of the jar opening in cm.

PROJECT SPECIFIC COMMENTS

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 <http://www.bvlabs.com/terms-and-conditions>

 6740 Campobello Rd Mississauga Ontario, L5N 2L8 www.bvlabs.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				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)	BTX/Aromatic/Aliphatic Hydrocarbon Fractions	BTX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	Other	CANISTERS NOT USED			
Contact Name: Robin Hart				Project Manager: Robin Hart																		
Address: 725 Strathearn Avenue				Address: 725 Strathearn 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																
East Canister VOC October 28, 2025				14543		28-Oct-25																
Old West Canister VOC October 25, 2025				32572		25-Oct-25																
Old West Canister VOC October 28, 2025				18241		28-Oct-25																
South Canister VOC October 28, 2025				121		28-Oct-25																
New West Canister VOC October 28, 2025				14531		28-Oct-25																
North Canister VOC October 30, 2025				256		30-Oct-25																
TAT Requirement STD 10 Business day ☒ Rush 5 Business day * ☐ Rush 2 Business day * ☐ Rush Other * ☐ * need approval from Bureau Veritas				PROJECT INFORMATION Project #: Rain Carbon Canada Inc. Name: Robin Hart PO #: 4500625271 Bureau Veritas Quote #: Bureau Veritas Contact: Cristina Bacchus Task Order/Line Item				REPORTING REQUIREMENTS EDD ☐ Regulations ON 153 ☐ ON 419 ☐ BC CSR ☐ Other ☐				Notes 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 PROJECT SPECIFIC COMMENTS										
Client Signature: Robin Hart Environmental Engineer				Received by: _____																		
Date/Time: 31-Oct-25 4:00 PM				Date/Time: _____																		
PLEASE RETURN ALL UNUSED EQUIPMENT																						

2025/10/09 10:40

6740 Campobello Rd
Mississauga Ontario ,L5N 2L8
www.bvllabs.com

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

CAM FCD-01302 /3

Page 1 of 2

INVOICE INFORMATION	
Company Name:	Rotek Environmental Inc
Contact Name:	Paul Daszko
Address:	15 Keefer Court Hamilton ON L8E 4V4
E-mail:	poore@rotekinc.com
Ph:	905 573 9533
Sampled by:	Robin Hart

REPORT INFORMATION	
Company Name:	Rotek Environmental Inc
Project Manager:	Paul Daszko
Address	15 Keefer Court Hamilton ON L8E 4V4
E-mail:	jennifer.davies@rotekinc.com
Ph:	905 573 9533

[illegible][illegible]

NONT-2025-10-2005

TAT Requirement	
-----------------	--

STD 10 Business day
Rush 5 Business day *
Rush 2 Business day *
Rush Other *

* need approval from Bureau Veritas

Client Signature: Doug Cunningham

Date/Time: 09-Oct-25

PROJECT INFORMATION	
---------------------	--

Project #: _____
Name: Rain Carbon Canada Inc
PO #: 32669
Bureau Veritas Quote #: _____
Bureau Veritas Contact: Cristina Bacchu
Task Order/Line Item _____

REPORTING REQUIREMENTS

EDD	ON 153
Regulations	ON 419
	BC CSR
Other	

Notes

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

PROJECT SPECIFIC COMMENTS

Analyse for BaP only in ng/m3.

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 <http://www.bvlabs.com/terms-and-conditions>

-y1-y1-y

2025/10/09 10:40



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

PAH Sample Submission Sheet

Sample Date	04-Oct-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	Maxxam	Install Date	MAGN On	Removal Date	MAGN Off	Total Volume	Submission
		Cartridge #	Filter ID #	Install Time	inH2O	Removal Time	inH2O	m3	Date
STN29164	04 Oct 2025	PUF #1	AUHS93-01	02-Oct-25	38	06-Oct-25	32	321.9	09-Oct-25
		AUHS94-01		13:00		16:45			
Comment 1 :									
Comment 2 :									

no C-S
on warm gepacho
B61172548

2025/10/30 10:19



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

Chain of Custody Form - PUFY/PAH

CAM FCD-01302 /3

Page 1 of 2

AIR

ANALYSIS REQUESTED

[illegible]



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

PAH Sample Submission Sheet

Sample Date	28-Oct-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

[illegible]



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

VOC Canister Sample Submission Sheet

Sample Date	04-Oct-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 dd/mm/yy	Installation Date dd/mm/yy	Installation Time EST	Initial Pressure inHg	Time On EST	Time Off EST	Elapsed Time Hours	Final Pressure inHg	Retrieval Date dd/mm/yy	Retrieval Time EST
STN29164	7826	04-Oct-25	02-Oct-25	13:00	-30.0	00:01	23:59	24.0	-10.0	06-Oct-25	17:00

Comment 1 :

Comment 2 :

		6740 Campobello Rd Mississauga Ontario, L5N 2L8 www.bvlab.com		Toll Free: 1-800-668-0639 Phone: (905) 817-5700 Fax: (905) 817-5777		CAM FCD-01302 /3 Page <u>2</u> of <u>2</u>		
Chain of Custody Form - Summa™ Canister				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 BTEX/F1 (C6-C10) and F2 (C10-C16) Selected VOC's - please specify Other - Do Not Analyze CANISTERS NOT USED				
Company Name: <u>Rotek Environmental Inc</u>		Company Name: <u>Rotek Environmental Inc</u>						
Contact Name: <u>Paul Daszko</u>		Project Manager: <u>Paul Daszko</u>						
Address: <u>15 Keefer Court Hamilton</u> <u>ON L8E 4V4</u>		Address: <u>15 Keefer Court Hamilton</u> <u>ON L8E 4V4</u>						
E-mail: <u>poore@rotekinc.com</u>		E-mail: <u>jennifer.davies@rotekinc.com</u>						
Ph: <u>905 573 9533</u>		Ph: <u>905 573 9533</u>						
Sampled by: <u>Robin Hart</u>								
Field Sample ID		Canister Serial #	Flow Regulator Serial #	Retrieval Date				
STN29164 04-Oct-25		7826	---	06-Oct-25				
09-Oct-25 08:34 Cristina (Maria) Bacchus  C5C7687 CSM AIR-001								
TAT Requirement STD 10 Business day ☒ Rush 5 Business day * ☐ Rush 2 Business day * ☐ Rush Other * ☐ * need approval from Bureau Veritas		PROJECT INFORMATION Project #: Name: <u>Rain Carbon Canada Inc</u> PO #: <u>32669</u> Bureau Veritas Quote #: Bureau Veritas Contact: <u>Cristina Bacchus</u> Task Order/Line Item		REPORTING REQUIREMENTS EDD Regulations ☐ ON 153 ☒ ON 419 ☐ BC CSR ☐ Other		Notes 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 PROJECT SPECIFIC COMMENTS Please issue Summa canister pressure upon receipt. Analyse for Benzene only in ug/m³. Please copy results to york.zhang@raincarbon.com , robin.hart@raincarbon.com , jennifer.davies@rotekinc.com , daszko@rotekinc.com		
Client Signature: <u>Doug Cunningham</u>		Received by: <u>[Signature]</u>						
Date/Time: <u>09-Oct-25 10:40</u>		Date/Time: <u>10/10/2025 08:34</u>						
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 http://www.bvlab.com/terms-and-conditions								



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	132	16-Oct-25	15-Oct-25	09:20	-30.0	00:01	23:59	24.0	-8.0	17-Oct-25	14:15
Comment 1 :											
Comment 2 :											



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

VOC Canister Sample Submission Sheet

Sample Date	28-Oct-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

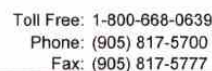
Station Number	Canister ID Number	Sample Date dd/mm/yy	Installation Date dd/mm/yy	Installation Time EST	Initial Pressure inHg	Time On EST	Time Off EST	Elapsed Time Hours	Final Pressure inHg	Retrieval Date dd/mm/yy	Retrieval Time EST
STN29164	27663	28-Oct-25	23-Oct-25	13:50	-30.0	00:01	23:59	24.0	-8.0	29-Oct-25	11:30

Comment 1 :

Comment 2 :

C5D7239

Page 2 of 2

Page 2 of 2

APPENDIX D

Certificates of Analysis



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: 2025/10/20

Report #: R8634264

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5C6735

Received: 2025/10/07, 12:32

Sample Matrix: Air
Samples Received: 4

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



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

Attention: Robin Hart

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

Report Date: 2025/10/20
Report #: R8634264
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5C6735

Received: 2025/10/07, 12:32

Encryption Key

Julian Tong
Project Manager Assistant
20 Oct 2025 10:25:09

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.



BUREAU
VERITAS

Bureau Veritas Job #: C5C6735

Report Date: 2025/10/20

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		AWAB51	AWAB52	AWAB54	AWAB55	
Sampling Date		2025/10/04	2025/10/04	2025/10/04	2025/10/04	
COC Number		na	na	na	na	
	UNITS	EAST CANISTER VOC OCTOBER 4.2025	NORTH CANISTER VOC OCTOBER 4.2025	SOUTH CANISTER VOC OCTOBER 4.2025	NEW WEST CANISTER VOC OCTOBER 4.2025	QC Batch
Volatile Organics						
Pressure on Receipt	psig	(-5.0)	(-3.2)	(-3.1)	(-4.2)	A031129
QC Batch = Quality Control Batch						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5C6735

Report Date: 2025/10/20

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		AWAB51			AWAB52				
Sampling Date		2025/10/04			2025/10/04				
COC Number		na			na				
	UNITS	EAST CANISTER VOC OCTOBER 4.2025	ug/m3	DL (ug/m3)	NORTH CANISTER VOC OCTOBER 4.2025	RDL	ug/m3	DL (ug/m3)	QC Batch

Volatile Organics									
Benzene	ppbv	1.66	5.30	0.319	17.3	0.10	55.4	0.319	A029844
Surrogate Recovery (%)									
Bromochloromethane	%	93	N/A	N/A	95		N/A	N/A	A029844
D5-Chlorobenzene	%	86	N/A	N/A	89		N/A	N/A	A029844
Difluorobenzene	%	93	N/A	N/A	96		N/A	N/A	A029844
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
N/A = Not Applicable									

Bureau Veritas ID		AWAB52			AWAB54				
Sampling Date		2025/10/04			2025/10/04				
COC Number		na			na				
	UNITS	NORTH CANISTER VOC OCTOBER 4.2025 Lab-Dup	ug/m3	DL (ug/m3)	SOUTH CANISTER VOC OCTOBER 4.2025	RDL	ug/m3	DL (ug/m3)	QC Batch

Volatile Organics									
Benzene	ppbv	17.7	56.6	0.319	2.38	0.10	7.59	0.319	A029844
Surrogate Recovery (%)									
Bromochloromethane	%	94	N/A	N/A	94		N/A	N/A	A029844
D5-Chlorobenzene	%	86	N/A	N/A	86		N/A	N/A	A029844
Difluorobenzene	%	94	N/A	N/A	95		N/A	N/A	A029844
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									
N/A = Not Applicable									



VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AWAB55				
Sampling Date		2025/10/04				
COC Number		na				
	UNITS	NEW WEST CANISTER VOC OCTOBER 4.2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics						
Benzene	ppbv	1.11	0.10	3.54	0.319	A029844
Surrogate Recovery (%)						
Bromochloromethane	%	91		N/A	N/A	A029844
D5-Chlorobenzene	%	83		N/A	N/A	A029844
Difluorobenzene	%	91		N/A	N/A	A029844
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5C6735

Report Date: 2025/10/20

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.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A029844	LSY	Spiked Blank	Bromochloromethane	2025/10/10		110	%	60 - 140
			D5-Chlorobenzene	2025/10/10		108	%	60 - 140
			Difluorobenzene	2025/10/10		109	%	60 - 140
			Benzene	2025/10/10		98	%	70 - 130
A029844	LSY	Method Blank	Bromochloromethane	2025/10/10		100	%	60 - 140
			D5-Chlorobenzene	2025/10/10		87	%	60 - 140
			Difluorobenzene	2025/10/10		102	%	60 - 140
			Benzene	2025/10/10	<0.10		ppbv	
A029844	LSY	RPD [AWAB52-01]	Benzene	2025/10/10	2.1		%	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 #: C5C6735

Report Date: 2025/10/20

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.



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: 2025/11/03

Report #: R8643260

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D2824

Received: 2025/10/21, 08:30

Sample Matrix: Air
Samples Received: 5

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Extracted		
Canister Pressure (TO-15)	5	N/A	2025/10/29 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	5	N/A	2025/10/29 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.



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: 2025/11/03

Report #: R8643260

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D2824

Received: 2025/10/21, 08:30

Encryption Key

Julian Tong
Project Manager Assistant
03 Nov 2025 13:29:26

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant

Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

=====

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Total Cover Pages : 2

Page 2 of 8



BUREAU
VERITAS

Bureau Veritas Job #: C5D2824

Report Date: 2025/11/03

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		AWLO47	AWLO48	AWLO51	AWLO49	
Sampling Date		2025/10/16	2025/10/16	2025/10/16	2025/10/16	
COC Number		na	na	na	na	
	UNITS	EAST CANISTER VOC OCTOBER 16,2025/14543	NORTH CANISTER VOC OCTOBER 16,2025/262	OLD WEST CANISTER VOC OCTOBER 16,2025/18231	SOUTH CANISTER VOC OCTOBER 16,2025/7820	QC Batch

Volatile Organics

Pressure on Receipt	psig	(-4.3)	(-2.1)	(-3.2)	(-2.4)	A043604
---------------------	------	--------	--------	--------	--------	---------

QC Batch = Quality Control Batch

Bureau Veritas ID		AWLO50	
Sampling Date		2025/10/16	
COC Number		na	
	UNITS	NEW WEST CANISTER VOC OCTOBER 16,2025/2767	QC Batch

Volatile Organics

Pressure on Receipt	psig	(-3.2)	A043604
---------------------	------	--------	---------

QC Batch = Quality Control Batch



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D2824

Report Date: 2025/11/03

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		AWLO47			AWLO48				
Sampling Date		2025/10/16			2025/10/16				
COC Number		na			na				
	UNITS	EAST CANISTER VOC OCTOBER 16,2025/14543	ug/m3	DL (ug/m3)	NORTH CANISTER VOC OCTOBER 16,2025/262	RDL	ug/m3	DL (ug/m3)	QC Batch

Volatile Organics									
Benzene	ppbv	6.30	20.1	0.319	2.61	0.10	8.35	0.319	A042539
Surrogate Recovery (%)									
Bromochloromethane	%	69	N/A	N/A	89		N/A	N/A	A042539
D5-Chlorobenzene	%	80	N/A	N/A	88		N/A	N/A	A042539
Difluorobenzene	%	69	N/A	N/A	89		N/A	N/A	A042539
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
N/A = Not Applicable									

Bureau Veritas ID		AWLO51			AWLO49				
Sampling Date		2025/10/16			2025/10/16				
COC Number		na			na				
	UNITS	OLD WEST CANISTER VOC OCTOBER 16,2025/18231	ug/m3	DL (ug/m3)	SOUTH CANISTER VOC OCTOBER 16,2025/7820	RDL	ug/m3	DL (ug/m3)	QC Batch

Volatile Organics									
Benzene	ppbv	1.07	3.40	0.319	4.99	0.10	15.9	0.319	A042539
Surrogate Recovery (%)									
Bromochloromethane	%	85	N/A	N/A	85		N/A	N/A	A042539
D5-Chlorobenzene	%	84	N/A	N/A	84		N/A	N/A	A042539
Difluorobenzene	%	85	N/A	N/A	86		N/A	N/A	A042539
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
N/A = Not Applicable									



VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AWLO50				
Sampling Date		2025/10/16				
COC Number		na				
	UNITS	NEW WEST CANISTER VOC OCTOBER 16,2025/2767	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics						
Benzene	ppbv	0.74	0.10	2.37	0.319	A042539
Surrogate Recovery (%)						
Bromochloromethane	%	82		N/A	N/A	A042539
D5-Chlorobenzene	%	81		N/A	N/A	A042539
Difluorobenzene	%	82		N/A	N/A	A042539
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
N/A = Not Applicable						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D2824

Report Date: 2025/11/03

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.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A042539	DVP	Spiked Blank	Bromochloromethane	2025/10/29		101	%	60 - 140
			D5-Chlorobenzene	2025/10/29		104	%	60 - 140
			Difluorobenzene	2025/10/29		100	%	60 - 140
			Benzene	2025/10/29		98	%	70 - 130
A042539	DVP	Method Blank	Bromochloromethane	2025/10/29		108	%	60 - 140
			D5-Chlorobenzene	2025/10/29		103	%	60 - 140
			Difluorobenzene	2025/10/29		106	%	60 - 140
			Benzene	2025/10/29	<0.10		ppbv	
A042539	DVP	RPD	Benzene	2025/10/29	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 $\leq 2 \times$ RDL).



BUREAU
VERITAS

Bureau Veritas Job #: C5D2824

Report Date: 2025/11/03

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, 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.



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: 2025/11/11
Report #: R8648772
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D7239

Received: 2025/10/30, 10:13

Sample Matrix: Air
Samples Received: 1

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Extracted		
Canister Pressure (TO-15)	1	N/A	2025/11/08 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/11/08 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.

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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.

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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.



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: 2025/11/11
Report #: R8648772
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D7239

Received: 2025/10/30, 10:13

Encryption Key



**AUTHORIZED REPORT
RAPPORT AUTORISÉ**

Bureau Veritas

11 Nov 2025 15:32:04

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager

Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

=====

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BUREAU
VERITAS

Bureau Veritas Job #: C5D7239

Report Date: 2025/11/11

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AWTY59	
Sampling Date		2025/10/28	
COC Number		na	
	UNITS	STN29164 28-OCT-25/27663	QC Batch
Pressure on Receipt	psig	(-4.2)	A051305
QC Batch = Quality Control Batch			



BUREAU
VERITAS

Bureau Veritas Job #: C5D7239

Report Date: 2025/11/11

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		AWTY59				
Sampling Date		2025/10/28				
COC Number		na				
	UNITS	STN29164 28-OCT-25/27663	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	<0.10	0.10	<0.319	0.319	A050323
Surrogate Recovery (%)						
Bromochloromethane	%	73		N/A	N/A	A050323
D5-Chlorobenzene	%	67		N/A	N/A	A050323
Difluorobenzene	%	67		N/A	N/A	A050323
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D7239

Report Date: 2025/11/11

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.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A050323	DVP	Spiked Blank	Bromochloromethane	2025/11/08		104	%	60 - 140
			D5-Chlorobenzene	2025/11/08		103	%	60 - 140
			Difluorobenzene	2025/11/08		104	%	60 - 140
			Benzene	2025/11/08		91	%	70 - 130
A050323	DVP	Method Blank	Bromochloromethane	2025/11/08		103	%	60 - 140
			D5-Chlorobenzene	2025/11/08		98	%	60 - 140
			Difluorobenzene	2025/11/08		102	%	60 - 140
			Benzene	2025/11/08	<0.10		ppbv	
A050323	DVP	RPD	Benzene	2025/11/08	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 $\leq 2 \times$ RDL).



BUREAU
VERITAS

Bureau Veritas Job #: C5D7239

Report Date: 2025/11/11

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, Team Leader

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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: 2025/10/22
Report #: R8636577
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5C6605

Received: 2025/10/07, 17:00

Sample Matrix: Puf And Filter
Samples Received: 5

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Calculated Polyaromatic Hydrocarbons	5	2025/10/09	2025/10/09	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2025/10/10	2025/10/15	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/10/09		

Remarks:

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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.

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

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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: Napthalene, 2-Methylnapthalene, 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.



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: 2025/10/22
Report #: R8636577
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5C6605

Received: 2025/10/07, 17:00

Encryption Key

Julian Tong
Project Manager Assistant
22 Oct 2025 17:17:02

Please direct all questions regarding this Certificate of Analysis to:

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

=====

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**BUREAU
VERITAS**

Bureau Veritas Job #: C5C6605

Report Date: 2025/10/22

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		AVZY09	AVZY10	AVZY11	AVZY12	
Sampling Date		2025/10/04	2025/10/04	2025/10/04	2025/10/04	
COC Number		NA	NA	NA	NA	
	UNITS	EAST MONITOR PAH OCTOBER 4, 2025 AVQQ15-01	NORTH MONITOR PAH OCTOBER 4, 2025 AVQQ16-01	OLD WEST MONITOR PAH OCTOBER 4, 2025 AVQQ17-01	SOUTH MONITOR PAH OCTOBER 4, 2025 AVQQ18-01	QC Batch
Volume	m3	329.9	307.9	313.9	318.8	ONSITE
QC Batch = Quality Control Batch						

Bureau Veritas ID		AVZY13	
Sampling Date		2025/10/04	
COC Number		NA	
	UNITS	NEW WEST MONITOR PAH OCTOBER 4, 2025 AVQQ19-01	QC Batch
Volume	m3	311.2	ONSITE
QC Batch = Quality Control Batch			



**BUREAU
VERITAS**

Bureau Veritas Job #: C5C6605

Report Date: 2025/10/22

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		AVZY09	AVZY10	AVZY11	AVZY12		
Sampling Date		2025/10/04	2025/10/04	2025/10/04	2025/10/04		
COC Number		NA	NA	NA	NA		
	UNITS	EAST MONITOR PAH OCTOBER 4, 2025 AVQQ15-01	NORTH MONITOR PAH OCTOBER 4, 2025 AVQQ16-01	OLD WEST MONITOR PAH OCTOBER 4, 2025 AVQQ17-01	SOUTH MONITOR PAH OCTOBER 4, 2025 AVQQ18-01	RDL	QC Batch

Semivolatile Organics							
Benzo(a)pyrene	ug	0.14	0.10	0.22	<0.10	0.10	A029701
Surrogate Recovery (%)							
D10-2-Methylnaphthalene	%	84	40 (1)	110	82		A029701
D10-Anthracene	%	102	42 (1)	122	102		A029701
D10-Fluoranthene	%	98	42 (1)	116	100		A029701
D10-Phenanthrene	%	94	40 (1)	114	96		A029701
D12-Benzo(a)anthracene	%	82	86	86	82		A029701
D12-Benzo(a)pyrene	%	94	96	94	92		A029701
D12-Benzo(b)fluoranthene	%	100	104	102	102		A029701
D12-Benzo(ghi)perylene	%	98	98	98	96		A029701
D12-Benzo(k)fluoranthene	%	96	98	100	92		A029701
D12-Chrysene	%	92	96	96	92		A029701
D12-Indeno(1,2,3-cd)pyrene	%	100	102	100	98		A029701
D12-Perylene	%	94	96	96	92		A029701
D14-Dibenzo(a,h)anthracene	%	98	100	104	96		A029701
D8-Acenaphthylene	%	82	4.0 (1)	114	82		A029701
D8-Naphthalene	%	82	62	168 (1)	86		A029701

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 #: C5C6605

Report Date: 2025/10/22

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		AVZY13		
Sampling Date		2025/10/04		
COC Number		NA		
	UNITS	NEW WEST MONITOR PAH OCTOBER 4, 2025 AVQQ19-01	RDL	QC Batch
Semivolatile Organics				
Benzo(a)pyrene	ug	0.28	0.10	A029701
Surrogate Recovery (%)				
D10-2-Methylnaphthalene	%	104		A029701
D10-Anthracene	%	116		A029701
D10-Fluoranthene	%	114		A029701
D10-Phenanthrene	%	108		A029701
D12-Benzo(a)anthracene	%	86		A029701
D12-Benzo(a)pyrene	%	96		A029701
D12-Benzo(b)fluoranthene	%	102		A029701
D12-Benzo(ghi)perylene	%	96		A029701
D12-Benzo(k)fluoranthene	%	96		A029701
D12-Chrysene	%	96		A029701
D12-Indeno(1,2,3-cd)pyrene	%	100		A029701
D12-Perylene	%	96		A029701
D14-Dibenzo(a,h)anthracene	%	102		A029701
D8-Acenaphthylene	%	98		A029701
D8-Naphthalene	%	124		A029701
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



**BUREAU
VERITAS**

Bureau Veritas Job #: C5C6605

Report Date: 2025/10/22

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		AVZY09		AVZY10	AVZY11		
Sampling Date		2025/10/04		2025/10/04	2025/10/04		
COC Number		NA		NA	NA		
	UNITS	EAST MONITOR PAH OCTOBER 4, 2025 AVQQ15-01	RDL	NORTH MONITOR PAH OCTOBER 4, 2025 AVQQ16-01	OLD WEST MONITOR PAH OCTOBER 4, 2025 AVQQ17-01	RDL	QC Batch
Calculated Parameters							
Benzo(a)pyrene	ug/m3	0.00042	0.00030	0.00032	0.00070	0.00032	A029105
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							

Bureau Veritas ID		AVZY12		AVZY13		
Sampling Date		2025/10/04		2025/10/04		
COC Number		NA		NA		
	UNITS	SOUTH MONITOR PAH OCTOBER 4, 2025 AVQQ18-01	RDL	NEW WEST MONITOR PAH OCTOBER 4, 2025 AVQQ19-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	<0.00031	0.00031	0.00090	0.00032	A029105
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5C6605

Report Date: 2025/10/22

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.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A029701	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/10/15		90	%	50 - 150
			D10-Fluoranthene	2025/10/15		106	%	50 - 150
			D10-Phenanthrene	2025/10/15		100	%	50 - 150
			D12-Benzo(a)pyrene	2025/10/15		94	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/10/15		90	%	50 - 150
			D12-Benzo(ghi)perylene	2025/10/15		82	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/10/15		100	%	50 - 150
			D12-Chrysene	2025/10/15		82	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/10/15		84	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/10/15		84	%	50 - 150
			D8-Acenaphthylene	2025/10/15		98	%	50 - 150
			D8-Naphthalene	2025/10/15		88	%	50 - 150
			Benzo(a)pyrene	2025/10/15		85	%	50 - 150
A029701	MPQ	RPD	Benzo(a)pyrene	2025/10/15	6.1		%	50
A029701	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/10/15		94	%	50 - 150
			D10-Fluoranthene	2025/10/15		108	%	50 - 150
			D10-Phenanthrene	2025/10/15		104	%	50 - 150
			D12-Benzo(a)pyrene	2025/10/15		94	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/10/15		90	%	50 - 150
			D12-Benzo(ghi)perylene	2025/10/15		84	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/10/15		94	%	50 - 150
			D12-Chrysene	2025/10/15		84	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/10/15		86	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/10/15		86	%	50 - 150
			D8-Acenaphthylene	2025/10/15		102	%	50 - 150
			D8-Naphthalene	2025/10/15		92	%	50 - 150
			Benzo(a)pyrene	2025/10/15	<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 #: C5C6605

Report Date: 2025/10/22

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

Dipika Singh, Sample Reception

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.



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: 2025/11/04
Report #: R8644363
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D2935

Received: 2025/10/20, 16:38

Sample Matrix: Puf And Filter
Samples Received: 5

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Calculated Polyaromatic Hydrocarbons	5	2025/10/22	2025/10/22	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2025/10/23	2025/11/04	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/10/22		

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: Napthalene, 2-Methylnapthalene, 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.



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: 2025/11/04
Report #: R8644363
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D2935

Received: 2025/10/20, 16:38

Encryption Key

Julian Tong
Project Manager Assistant
04 Nov 2025 14:39:07

Please direct all questions regarding this Certificate of Analysis to:

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

=====

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**BUREAU
VERITAS**

Bureau Veritas Job #: C5D2935

Report Date: 2025/11/04

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		AWLT74	AWLT75	AWLT76	AWLT77	
Sampling Date		2025/10/16	2025/10/16	2025/10/16	2025/10/16	
COC Number		NA	NA	NA	NA	
	UNITS	EAST MONITOR PAH OCTOBER 16, 2025 AVRL26-01	NORTH MONITOR PAH OCTOBER 16, 2025 AVRL27-01	OLD WEST MONITOR PAH OCTOBER 16, 2025 AVRL28-01	SOUTH MONITOR PAH OCTOBER 16, 2025 AVRL29-01	QC Batch
Volume	m3	321.1	325.3	326.0	306.4	ONSITE
QC Batch = Quality Control Batch						

Bureau Veritas ID		AWLT78	
Sampling Date		2025/10/16	
COC Number		NA	
	UNITS	NEW WEST MONITOR PAH OCTOBER 16, 2025 AVRL30-01	QC Batch
Volume	m3	312.1	ONSITE
QC Batch = Quality Control Batch			



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D2935

Report Date: 2025/11/04

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		AWLT74	AWLT75	AWLT76	AWLT77		
Sampling Date		2025/10/16	2025/10/16	2025/10/16	2025/10/16		
COC Number		NA	NA	NA	NA		
	UNITS	EAST MONITOR PAH OCTOBER 16, 2025 AVRL26-01	NORTH MONITOR PAH OCTOBER 16, 2025 AVRL27-01	OLD WEST MONITOR PAH OCTOBER 16, 2025 AVRL28-01	SOUTH MONITOR PAH OCTOBER 16, 2025 AVRL29-01	RDL	QC Batch

Semivolatile Organics							
Benzo(a)pyrene	ug	0.12	<0.10	0.28	0.12	0.10	A038659
Surrogate Recovery (%)							
D10-2-Methylnaphthalene	%	82	70	90	96		A038659
D10-Anthracene	%	86	76	84	92		A038659
D10-Fluoranthene	%	92	80	90	98		A038659
D10-Phenanthrene	%	88	78	84	92		A038659
D12-Benzo(a)anthracene	%	78	78	78	78		A038659
D12-Benzo(a)pyrene	%	92	90	88	92		A038659
D12-Benzo(b)fluoranthene	%	102	100	98	102		A038659
D12-Benzo(ghi)perylene	%	94	92	94	94		A038659
D12-Benzo(k)fluoranthene	%	88	88	90	88		A038659
D12-Chrysene	%	94	92	92	92		A038659
D12-Indeno(1,2,3-cd)pyrene	%	92	90	92	92		A038659
D12-Perylene	%	92	90	92	92		A038659
D14-Dibenzo(a,h)anthracene	%	96	94	96	96		A038659
D8-Acenaphthylene	%	80	70	84	86		A038659
D8-Naphthalene	%	56	52	62	58		A038659

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D2935

Report Date: 2025/11/04

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		AWLT78		
Sampling Date		2025/10/16		
COC Number		NA		
	UNITS	NEW WEST MONITOR PAH OCTOBER 16, 2025 AVRL30-01	RDL	QC Batch
Semivolatile Organics				
Benzo(a)pyrene	ug	0.30	0.10	A038659
Surrogate Recovery (%)				
D10-2-Methylnaphthalene	%	80		A038659
D10-Anthracene	%	88		A038659
D10-Fluoranthene	%	90		A038659
D10-Phenanthrene	%	88		A038659
D12-Benzo(a)anthracene	%	78		A038659
D12-Benzo(a)pyrene	%	92		A038659
D12-Benzo(b)fluoranthene	%	104		A038659
D12-Benzo(ghi)perylene	%	94		A038659
D12-Benzo(k)fluoranthene	%	86		A038659
D12-Chrysene	%	94		A038659
D12-Indeno(1,2,3-cd)pyrene	%	92		A038659
D12-Perylene	%	96		A038659
D14-Dibenzo(a,h)anthracene	%	98		A038659
D8-Acenaphthylene	%	80		A038659
D8-Naphthalene	%	56		A038659
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D2935

Report Date: 2025/11/04

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		AWLT74	AWLT75	AWLT76		
Sampling Date		2025/10/16	2025/10/16	2025/10/16		
COC Number		NA	NA	NA		
	UNITS	EAST MONITOR PAH OCTOBER 16, 2025 AVRL26-01	NORTH MONITOR PAH OCTOBER 16, 2025 AVRL27-01	OLD WEST MONITOR PAH OCTOBER 16, 2025 AVRL28-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	0.00037	<0.00031	0.00086	0.00031	A037637
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						

Bureau Veritas ID		AWLT77		AWLT78		
Sampling Date		2025/10/16		2025/10/16		
COC Number		NA		NA		
	UNITS	SOUTH MONITOR PAH OCTOBER 16, 2025 AVRL29-01	RDL	NEW WEST MONITOR PAH OCTOBER 16, 2025 AVRL30-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	0.00039	0.00033	0.00096	0.00032	A037637
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D2935

Report Date: 2025/11/04

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 #: C5D2935

Report Date: 2025/11/04

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
A038659	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/11/04		88	%	50 - 150
			D10-Fluoranthene	2025/11/04		96	%	50 - 150
			D10-Phenanthrene	2025/11/04		96	%	50 - 150
			D12-Benzo(a)pyrene	2025/11/04		92	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/11/04		90	%	50 - 150
			D12-Benzo(ghi)perylene	2025/11/04		88	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/11/04		92	%	50 - 150
			D12-Chrysene	2025/11/04		86	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/11/04		86	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/11/04		88	%	50 - 150
			D8-Acenaphthylene	2025/11/04		92	%	50 - 150
			D8-Naphthalene	2025/11/04		84	%	50 - 150
			Benzo(a)pyrene	2025/11/04		88	%	50 - 150
A038659	MPQ	RPD	Benzo(a)pyrene	2025/11/04	0		%	50
A038659	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/11/04		76	%	50 - 150
			D10-Fluoranthene	2025/11/04		96	%	50 - 150
			D10-Phenanthrene	2025/11/04		90	%	50 - 150
			D12-Benzo(a)pyrene	2025/11/04		96	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/11/04		100	%	50 - 150
			D12-Benzo(ghi)perylene	2025/11/04		94	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/11/04		88	%	50 - 150
			D12-Chrysene	2025/11/04		90	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/11/04		90	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/11/04		92	%	50 - 150
			D8-Acenaphthylene	2025/11/04		82	%	50 - 150
			D8-Naphthalene	2025/11/04		68	%	50 - 150
			Benzo(a)pyrene	2025/11/04	<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 #: C5D2935

Report Date: 2025/11/04

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.



Your P.O. #: 4500625271
Site Location: RAIN CARBON CANADA INC.
Your C.O.C. #: N/A

Attention: Robin Hart

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

Report Date: 2025/11/11
Report #: R8648709
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D8180

Received: 2025/10/30, 18:10

Sample Matrix: Puf And Filter
Samples Received: 5

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Calculated Polycyclic Aromatic Hydrocarbons	5	2025/11/03	2025/11/11	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2025/11/04	2025/11/06	BRL SOP-00201	CARB429(ARBM1,M2)mod
PAH's in MM5 SamplingTrains (CARB429mod) (1)	4	2025/11/04	2025/11/07	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/11/03		

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.



Your P.O. #: 4500625271
Site Location: RAIN CARBON CANADA INC.
Your C.O.C. #: N/A

Attention: Robin Hart

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

Report Date: 2025/11/11
Report #: R8648709
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D8180

Received: 2025/10/30, 18:10

Encryption Key

Julian Tong
Project Manager Assistant
11 Nov 2025 16:46:51

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.



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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		AWVU51	AWVU52	AWVU53	AWVU54	
Sampling Date		2025/10/28	2025/10/28	2025/10/28	2025/10/28	
COC Number		N/A	N/A	N/A	N/A	
	UNITS	EAST MONITOR PAH OCTOBER 28, 2025 AVRL51-01	NORTH MONITOR PAH OCTOBER 28, 2025 AVRL52-01	OLD WEST MONITOR PAH OCTOBER 28, 2025 AVRL53-01	SOUTH MONITOR PAH OCTOBER 28, 2025 AVRL54-01	QC Batch
Volume	m3	325.5	319.6	324.4	301.7	ONSITE
QC Batch = Quality Control Batch						

Bureau Veritas ID		AWVU55	
Sampling Date		2025/10/28	
COC Number		N/A	
	UNITS	NEW WEST MONITOR PAH OCTOBER 28, 2025 AVRL55-01	QC Batch
Volume	m3	317.4	ONSITE
QC Batch = Quality Control Batch			



BUREAU
VERITAS

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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		AWVU51	AWVU52		AWVU53		
Sampling Date		2025/10/28	2025/10/28		2025/10/28		
COC Number		N/A	N/A		N/A		
	UNITS	EAST MONITOR PAH OCTOBER 28, 2025 AVRL51-01	NORTH MONITOR PAH OCTOBER 28, 2025 AVRL52-01	QC Batch	OLD WEST MONITOR PAH OCTOBER 28, 2025 AVRL53-01	RDL	QC Batch
Semivolatile Organics							
Benzo(a)pyrene	ug	<0.10	<0.10	A046599	0.48	0.10	A046599
Surrogate Recovery (%)							
D10-2-Methylnaphthalene	%	82	76	A046599	92		A046599
D10-Anthracene	%	88	92	A046599	88		A046599
D10-Fluoranthene	%	90	100	A046599	92		A046599
D10-Phenanthrene	%	90	94	A046599	90		A046599
D12-Benzo(a)pyrene	%	94	98	A046599	94		A046599
D12-Benzo(b)fluoranthene	%	78	100	A046599	78		A046599
D12-Benzo(ghi)perylene	%	96	98	A046599	94		A046599
D12-Benzo(k)fluoranthene	%	78	100	A046599	78		A046599
D12-Chrysene	%	100	100	A046599	92		A046599
D12-Indeno(1,2,3-cd)pyrene	%	92	94	A046599	92		A046599
D12-Perylene	%	96	100	A046599	94		A046599
D14-Dibenzo(a,h)anthracene	%	92	94	A046599	94		A046599
D8-Acenaphthylene	%	86	82	A046599	90		A046599
D8-Naphthalene	%	64	60	A046599			
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



BUREAU
VERITAS

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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		AWVU54		AWVU55		
Sampling Date		2025/10/28		2025/10/28		
COC Number		N/A		N/A		
	UNITS	SOUTH MONITOR PAH OCTOBER 28, 2025 AVRL54-01	QC Batch	NEW WEST MONITOR PAH OCTOBER 28, 2025 AVRL55-01	RDL	QC Batch
Semivolatile Organics						
Benzo(a)pyrene	ug	0.14	A046599	1.70	0.10	A046599
Surrogate Recovery (%)						
D10-2-Methylnaphthalene	%	84	A046599	106		A046599
D10-Anthracene	%	86	A046599	110		A046599
D10-Fluoranthene	%	88	A046599	112		A046599
D10-Phenanthrene	%	88	A046599	110		A046599
D12-Benzo(a)pyrene	%	96	A046599	98		A046599
D12-Benzo(b)fluoranthene	%	98	A046599	86		A046599
D12-Benzo(ghi)perylene	%	96	A046599	102		A046599
D12-Benzo(k)fluoranthene	%	96	A046599	84		A046599
D12-Chrysene	%	100	A046599	102		A046599
D12-Indeno(1,2,3-cd)pyrene	%	94	A046599	98		A046599
D12-Perylene	%	96	A046599	98		A046599
D14-Dibenzo(a,h)anthracene	%	96	A046599			
D8-Acenaphthylene	%	80	A046599	106		A046599
D8-Naphthalene	%	54	A046599	86		A046599
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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		AWVU51	AWVU52	AWVU53		
Sampling Date		2025/10/28	2025/10/28	2025/10/28		
COC Number		N/A	N/A	N/A		
	UNITS	EAST MONITOR PAH OCTOBER 28, 2025 AVRL51-01	NORTH MONITOR PAH OCTOBER 28, 2025 AVRL52-01	OLD WEST MONITOR PAH OCTOBER 28, 2025 AVRL53-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	<0.00031	<0.00031	0.00148	0.00031	A045994
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						

Bureau Veritas ID		AWVU54		AWVU55		
Sampling Date		2025/10/28		2025/10/28		
COC Number		N/A		N/A		
	UNITS	SOUTH MONITOR PAH OCTOBER 28, 2025 AVRL54-01	RDL	NEW WEST MONITOR PAH OCTOBER 28, 2025 AVRL55-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	0.00046	0.00033	0.00536	0.00032	A045994
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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 #: C5D8180

Report Date: 2025/11/11

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
A046599	MPQ	Spiked Blank		D10-2-Methylnaphthalene	2025/11/06		56	%	50 - 150
				D10-Fluoranthene	2025/11/06		96	%	50 - 150
				D10-Phenanthrene	2025/11/06		90	%	50 - 150
				D12-Benzo(a)pyrene	2025/11/06		96	%	50 - 150
				D12-Benzo(b)fluoranthene	2025/11/06		98	%	50 - 150
				D12-Benzo(ghi)perylene	2025/11/06		98	%	50 - 150
				D12-Benzo(k)fluoranthene	2025/11/06		98	%	50 - 150
				D12-Chrysene	2025/11/06		94	%	50 - 150
				D12-Indeno(1,2,3-cd)pyrene	2025/11/06		92	%	50 - 150
				D12-Perylene	2025/11/06		98	%	50 - 150
				D14-Dibenzo(a,h)anthracene	2025/11/06		90	%	50 - 150
				D8-Acenaphthylene	2025/11/06		64	%	50 - 150
				D8-Naphthalene	2025/11/06		52	%	50 - 150
				Benzo(a)pyrene	2025/11/06		85	%	50 - 150
A046599	MPQ	RPD		Benzo(a)pyrene	2025/11/06	0		%	50
A046599	MPQ	Method Blank		D10-2-Methylnaphthalene	2025/11/06		78	%	50 - 150
				D10-Fluoranthene	2025/11/06		100	%	50 - 150
				D10-Phenanthrene	2025/11/06		94	%	50 - 150
				D12-Benzo(a)pyrene	2025/11/06		98	%	50 - 150
				D12-Benzo(b)fluoranthene	2025/11/06		100	%	50 - 150
				D12-Benzo(ghi)perylene	2025/11/06		98	%	50 - 150
				D12-Benzo(k)fluoranthene	2025/11/06		102	%	50 - 150
				D12-Chrysene	2025/11/06		94	%	50 - 150
				D12-Indeno(1,2,3-cd)pyrene	2025/11/06		92	%	50 - 150
				D12-Perylene	2025/11/06		102	%	50 - 150
				D14-Dibenzo(a,h)anthracene	2025/11/06		90	%	50 - 150
				D8-Acenaphthylene	2025/11/06		82	%	50 - 150
				D8-Naphthalene	2025/11/06		74	%	50 - 150
				Benzo(a)pyrene	2025/11/06	<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 #: C5D8180

Report Date: 2025/11/11

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

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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: 2025/11/04
Report #: R8644362
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D1800

Received: 2025/10/20, 10:33

Sample Matrix: Puf And Filter
Samples Received: 1

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Calculated Polyaromatic Hydrocarbons	1	2025/10/20	2025/10/20	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2025/10/23	2025/11/04	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	1	N/A	2025/10/20		

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.

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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: Napthalene, 2-Methylnapthalene, 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.



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: 2025/11/04
Report #: R8644362
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D1800

Received: 2025/10/20, 10:33

Encryption Key



**AUTHORIZED REPORT
RAPPORT AUTORISÉ**

Bureau Veritas

04 Nov 2025 14:29:12

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager

Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

=====

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BUREAU
VERITAS

Bureau Veritas Job #: C5D1800

Report Date: 2025/11/04

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		AWJO76	
Sampling Date		2025/10/16	
COC Number		N/A	
	UNITS	STN29164 16-OCT-25 PUF#1	QC Batch
Volume	m3	333.8	ONSITE
QC Batch = Quality Control Batch			



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D1800

Report Date: 2025/11/04

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		AWJO76		
Sampling Date		2025/10/16		
COC Number		N/A		
	UNITS	STN29164 16-OCT-25 PUF#1	RDL	QC Batch
Benzo(a)pyrene	ug	<0.10	0.10	A038659
Surrogate Recovery (%)				
D10-2-Methylnaphthalene	%	74		A038659
D10-Anthracene	%	88		A038659
D10-Fluoranthene	%	94		A038659
D10-Phenanthrene	%	90		A038659
D12-Benzo(a)anthracene	%	76		A038659
D12-Benzo(a)pyrene	%	88		A038659
D12-Benzo(b)fluoranthene	%	98		A038659
D12-Benzo(ghi)perylene	%	92		A038659
D12-Benzo(k)fluoranthene	%	86		A038659
D12-Chrysene	%	90		A038659
D12-Indeno(1,2,3-cd)pyrene	%	88		A038659
D12-Perylene	%	88		A038659
D14-Dibenzo(a,h)anthracene	%	90		A038659
D8-Acenaphthylene	%	80		A038659
D8-Naphthalene	%	68		A038659
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



BUREAU
VERITAS

Bureau Veritas Job #: C5D1800

Report Date: 2025/11/04

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		AWJO76		
Sampling Date		2025/10/16		
COC Number		N/A		
	UNITS	STN29164 16-OCT-25 PUF#1	RDL	QC Batch
Benzo(a)pyrene	ng/m3	<0.30	0.30	A035974
RDL = Reportable Detection Limit				
QC Batch = Quality Control Batch				



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D1800

Report Date: 2025/11/04

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.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A038659	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/11/04		88	%	50 - 150
			D10-Fluoranthene	2025/11/04		96	%	50 - 150
			D10-Phenanthrene	2025/11/04		96	%	50 - 150
			D12-Benzo(a)pyrene	2025/11/04		92	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/11/04		90	%	50 - 150
			D12-Benzo(ghi)perylene	2025/11/04		88	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/11/04		92	%	50 - 150
			D12-Chrysene	2025/11/04		86	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/11/04		86	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/11/04		88	%	50 - 150
			D8-Acenaphthylene	2025/11/04		92	%	50 - 150
			D8-Naphthalene	2025/11/04		84	%	50 - 150
			Benzo(a)pyrene	2025/11/04		88	%	50 - 150
A038659	MPQ	RPD	Benzo(a)pyrene	2025/11/04	0		%	50
A038659	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/11/04		76	%	50 - 150
			D10-Fluoranthene	2025/11/04		96	%	50 - 150
			D10-Phenanthrene	2025/11/04		90	%	50 - 150
			D12-Benzo(a)pyrene	2025/11/04		96	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/11/04		100	%	50 - 150
			D12-Benzo(ghi)perylene	2025/11/04		94	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/11/04		88	%	50 - 150
			D12-Chrysene	2025/11/04		90	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/11/04		90	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/11/04		92	%	50 - 150
			D8-Acenaphthylene	2025/11/04		82	%	50 - 150
			D8-Naphthalene	2025/11/04		68	%	50 - 150
			Benzo(a)pyrene	2025/11/04	<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 #: C5D1800

Report Date: 2025/11/04

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:

Cristina Bacchus

Cristina (Maria) Bacchus, Project Manager

M Di Grazia

Melissa DiGrazia, Operations Manager, HRMS Department

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Your P.O. #: 4500625271
Site Location: RAIN CARBON CANADA INC.
Your C.O.C. #: N/A

Attention: Robin Hart

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

Report Date: 2025/11/11
Report #: R8648709
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D8180

Received: 2025/10/30, 18:10

Sample Matrix: Puf And Filter
Samples Received: 5

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Calculated Polycyclic Aromatic Hydrocarbons	5	2025/11/03	2025/11/11	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2025/11/04	2025/11/06	BRL SOP-00201	CARB429(ARBM1,M2)mod
PAH's in MM5 SamplingTrains (CARB429mod) (1)	4	2025/11/04	2025/11/07	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/11/03		

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.

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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.



Your P.O. #: 4500625271
Site Location: RAIN CARBON CANADA INC.
Your C.O.C. #: N/A

Attention: Robin Hart

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

Report Date: 2025/11/11
Report #: R8648709
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D8180

Received: 2025/10/30, 18:10

Encryption Key

Julian Tong
Project Manager Assistant
11 Nov 2025 16:46:51

Please direct all questions regarding this Certificate of Analysis to:

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

=====

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BUREAU
VERITAS

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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		AWVU51	AWVU52	AWVU53	AWVU54	
Sampling Date		2025/10/28	2025/10/28	2025/10/28	2025/10/28	
COC Number		N/A	N/A	N/A	N/A	
	UNITS	EAST MONITOR PAH OCTOBER 28, 2025 AVRL51-01	NORTH MONITOR PAH OCTOBER 28, 2025 AVRL52-01	OLD WEST MONITOR PAH OCTOBER 28, 2025 AVRL53-01	SOUTH MONITOR PAH OCTOBER 28, 2025 AVRL54-01	QC Batch
Volume	m3	325.5	319.6	324.4	301.7	ONSITE
QC Batch = Quality Control Batch						

Bureau Veritas ID		AWVU55	
Sampling Date		2025/10/28	
COC Number		N/A	
	UNITS	NEW WEST MONITOR PAH OCTOBER 28, 2025 AVRL55-01	QC Batch
Volume	m3	317.4	ONSITE
QC Batch = Quality Control Batch			



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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		AWVU51	AWVU52		AWVU53		
Sampling Date		2025/10/28	2025/10/28		2025/10/28		
COC Number		N/A	N/A		N/A		
	UNITS	EAST MONITOR PAH OCTOBER 28, 2025 AVRL51-01	NORTH MONITOR PAH OCTOBER 28, 2025 AVRL52-01	QC Batch	OLD WEST MONITOR PAH OCTOBER 28, 2025 AVRL53-01	RDL	QC Batch
Semivolatile Organics							
Benzo(a)pyrene	ug	<0.10	<0.10	A046599	0.48	0.10	A046599
Surrogate Recovery (%)							
D10-2-Methylnaphthalene	%	82	76	A046599	92		A046599
D10-Anthracene	%	88	92	A046599	88		A046599
D10-Fluoranthene	%	90	100	A046599	92		A046599
D10-Phenanthrene	%	90	94	A046599	90		A046599
D12-Benzo(a)pyrene	%	94	98	A046599	94		A046599
D12-Benzo(b)fluoranthene	%	78	100	A046599	78		A046599
D12-Benzo(ghi)perylene	%	96	98	A046599	94		A046599
D12-Benzo(k)fluoranthene	%	78	100	A046599	78		A046599
D12-Chrysene	%	100	100	A046599	92		A046599
D12-Indeno(1,2,3-cd)pyrene	%	92	94	A046599	92		A046599
D12-Perylene	%	96	100	A046599	94		A046599
D14-Dibenzo(a,h)anthracene	%	92	94	A046599	94		A046599
D8-Acenaphthylene	%	86	82	A046599	90		A046599
D8-Naphthalene	%	64	60	A046599			
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



BUREAU
VERITAS

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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		AWVU54		AWVU55		
Sampling Date		2025/10/28		2025/10/28		
COC Number		N/A		N/A		
	UNITS	SOUTH MONITOR PAH OCTOBER 28, 2025 AVRL54-01	QC Batch	NEW WEST MONITOR PAH OCTOBER 28, 2025 AVRL55-01	RDL	QC Batch
Semivolatile Organics						
Benzo(a)pyrene	ug	0.14	A046599	1.70	0.10	A046599
Surrogate Recovery (%)						
D10-2-Methylnaphthalene	%	84	A046599	106		A046599
D10-Anthracene	%	86	A046599	110		A046599
D10-Fluoranthene	%	88	A046599	112		A046599
D10-Phenanthrene	%	88	A046599	110		A046599
D12-Benzo(a)pyrene	%	96	A046599	98		A046599
D12-Benzo(b)fluoranthene	%	98	A046599	86		A046599
D12-Benzo(ghi)perylene	%	96	A046599	102		A046599
D12-Benzo(k)fluoranthene	%	96	A046599	84		A046599
D12-Chrysene	%	100	A046599	102		A046599
D12-Indeno(1,2,3-cd)pyrene	%	94	A046599	98		A046599
D12-Perylene	%	96	A046599	98		A046599
D14-Dibenzo(a,h)anthracene	%	96	A046599			
D8-Acenaphthylene	%	80	A046599	106		A046599
D8-Naphthalene	%	54	A046599	86		A046599
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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		AWVU51	AWVU52	AWVU53		
Sampling Date		2025/10/28	2025/10/28	2025/10/28		
COC Number		N/A	N/A	N/A		
	UNITS	EAST MONITOR PAH OCTOBER 28, 2025 AVRL51-01	NORTH MONITOR PAH OCTOBER 28, 2025 AVRL52-01	OLD WEST MONITOR PAH OCTOBER 28, 2025 AVRL53-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	<0.00031	<0.00031	0.00148	0.00031	A045994
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						

Bureau Veritas ID		AWVU54		AWVU55		
Sampling Date		2025/10/28		2025/10/28		
COC Number		N/A		N/A		
	UNITS	SOUTH MONITOR PAH OCTOBER 28, 2025 AVRL54-01	RDL	NEW WEST MONITOR PAH OCTOBER 28, 2025 AVRL55-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	0.00046	0.00033	0.00536	0.00032	A045994
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D8180

Report Date: 2025/11/11

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 #: C5D8180

Report Date: 2025/11/11

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
A046599	MPQ	Spiked Blank		D10-2-Methylnaphthalene	2025/11/06		56	%	50 - 150
				D10-Fluoranthene	2025/11/06		96	%	50 - 150
				D10-Phenanthrene	2025/11/06		90	%	50 - 150
				D12-Benzo(a)pyrene	2025/11/06		96	%	50 - 150
				D12-Benzo(b)fluoranthene	2025/11/06		98	%	50 - 150
				D12-Benzo(ghi)perylene	2025/11/06		98	%	50 - 150
				D12-Benzo(k)fluoranthene	2025/11/06		98	%	50 - 150
				D12-Chrysene	2025/11/06		94	%	50 - 150
				D12-Indeno(1,2,3-cd)pyrene	2025/11/06		92	%	50 - 150
				D12-Perylene	2025/11/06		98	%	50 - 150
				D14-Dibenzo(a,h)anthracene	2025/11/06		90	%	50 - 150
				D8-Acenaphthylene	2025/11/06		64	%	50 - 150
				D8-Naphthalene	2025/11/06		52	%	50 - 150
				Benzo(a)pyrene	2025/11/06		85	%	50 - 150
A046599	MPQ	RPD		Benzo(a)pyrene	2025/11/06	0		%	50
A046599	MPQ	Method Blank		D10-2-Methylnaphthalene	2025/11/06		78	%	50 - 150
				D10-Fluoranthene	2025/11/06		100	%	50 - 150
				D10-Phenanthrene	2025/11/06		94	%	50 - 150
				D12-Benzo(a)pyrene	2025/11/06		98	%	50 - 150
				D12-Benzo(b)fluoranthene	2025/11/06		100	%	50 - 150
				D12-Benzo(ghi)perylene	2025/11/06		98	%	50 - 150
				D12-Benzo(k)fluoranthene	2025/11/06		102	%	50 - 150
				D12-Chrysene	2025/11/06		94	%	50 - 150
				D12-Indeno(1,2,3-cd)pyrene	2025/11/06		92	%	50 - 150
				D12-Perylene	2025/11/06		102	%	50 - 150
				D14-Dibenzo(a,h)anthracene	2025/11/06		90	%	50 - 150
				D8-Acenaphthylene	2025/11/06		82	%	50 - 150
				D8-Naphthalene	2025/11/06		74	%	50 - 150
				Benzo(a)pyrene	2025/11/06	<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 #: C5D8180

Report Date: 2025/11/11

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

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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: 2025/10/23
Report #: R8636897
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5C7687

Received: 2025/10/09, 08:34

Sample Matrix: Air
Samples Received: 1

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Extracted		
Canister Pressure (TO-15)	1	N/A	2025/10/16 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/10/16 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.

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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.

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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.



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: 2025/10/23
Report #: R8636897
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5C7687

Received: 2025/10/09, 08:34

Encryption Key



**AUTHORIZED REPORT
RAPPORT AUTORISÉ**

Bureau Veritas

23 Oct 2025 10:19:17

Please direct all questions regarding this Certificate of Analysis to:

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

=====

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BUREAU
VERITAS

Bureau Veritas Job #: C5C7687

Report Date: 2025/10/23

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AWBT09	
Sampling Date		2025/10/04	
COC Number		na	
	UNITS	STN29164/7826	QC Batch
Pressure on Receipt	psig	(-4.5)	A033736
QC Batch = Quality Control Batch			



BUREAU
VERITAS

Bureau Veritas Job #: C5C7687

Report Date: 2025/10/23

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		AWBT09				
Sampling Date		2025/10/04				
COC Number		na				
	UNITS	STN29164/7826	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	0.43	0.10	1.37	0.319	A033738
Surrogate Recovery (%)						
Bromochloromethane	%	93		N/A	N/A	A033738
D5-Chlorobenzene	%	93		N/A	N/A	A033738
Difluorobenzene	%	91		N/A	N/A	A033738
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
N/A = Not Applicable						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5C7687

Report Date: 2025/10/23

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.



QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A033738	DM2	Spiked Blank		Bromochloromethane	2025/10/16		115	%	60 - 140
				D5-Chlorobenzene	2025/10/16		116	%	60 - 140
				Difluorobenzene	2025/10/16		116	%	60 - 140
				Benzene	2025/10/16		92	%	70 - 130
A033738	DM2	Method Blank		Bromochloromethane	2025/10/16		97	%	60 - 140
				D5-Chlorobenzene	2025/10/16		84	%	60 - 140
				Difluorobenzene	2025/10/16		98	%	60 - 140
				Benzene	2025/10/16	<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 #: C5C7687

Report Date: 2025/10/23

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, 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.



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: 2025/11/11
Report #: R8648772
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D7239

Received: 2025/10/30, 10:13

Sample Matrix: Air
Samples Received: 1

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Extracted		
Canister Pressure (TO-15)	1	N/A	2025/11/08 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/11/08 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.

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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.

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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.



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: 2025/11/11
Report #: R8648772
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D7239

Received: 2025/10/30, 10:13

Encryption Key



**AUTHORIZED REPORT
RAPPORT AUTORISÉ**

Bureau Veritas

11 Nov 2025 15:32:04

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager

Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

=====

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BUREAU
VERITAS

Bureau Veritas Job #: C5D7239

Report Date: 2025/11/11

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AWTY59	
Sampling Date		2025/10/28	
COC Number		na	
	UNITS	STN29164 28-OCT- 25/27663	QC Batch
Pressure on Receipt	psig	(-4.2)	A051305
QC Batch = Quality Control Batch			



BUREAU
VERITAS

Bureau Veritas Job #: C5D7239

Report Date: 2025/11/11

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		AWTY59				
Sampling Date		2025/10/28				
COC Number		na				
	UNITS	STN29164 28-OCT-25/27663	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	<0.10	0.10	<0.319	0.319	A050323
Surrogate Recovery (%)						
Bromochloromethane	%	73		N/A	N/A	A050323
D5-Chlorobenzene	%	67		N/A	N/A	A050323
Difluorobenzene	%	67		N/A	N/A	A050323
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D7239

Report Date: 2025/11/11

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.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A050323	DVP	Spiked Blank	Bromochloromethane	2025/11/08		104	%	60 - 140
			D5-Chlorobenzene	2025/11/08		103	%	60 - 140
			Difluorobenzene	2025/11/08		104	%	60 - 140
			Benzene	2025/11/08		91	%	70 - 130
A050323	DVP	Method Blank	Bromochloromethane	2025/11/08		103	%	60 - 140
			D5-Chlorobenzene	2025/11/08		98	%	60 - 140
			Difluorobenzene	2025/11/08		102	%	60 - 140
			Benzene	2025/11/08	<0.10		ppbv	
A050323	DVP	RPD	Benzene	2025/11/08	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 $\leq 2 \times$ RDL).



BUREAU
VERITAS

Bureau Veritas Job #: C5D7239

Report Date: 2025/11/11

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, 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.



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: 2025/10/31
Report #: R8642344
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D1945

Received: 2025/10/20, 10:33

Sample Matrix: Air
Samples Received: 1

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Canister Pressure (TO-15)	1	N/A	2025/10/28	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/10/28	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.

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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.



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: 2025/10/31
Report #: R8642344
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5D1945

Received: 2025/10/20, 10:33

Encryption Key



**AUTHORIZED REPORT
RAPPORT AUTORISÉ**

Bureau Veritas

31 Oct 2025 08:58:53

Please direct all questions regarding this Certificate of Analysis to:

Cristina (Maria) Bacchus, Project Manager

Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

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BUREAU
VERITAS

Bureau Veritas Job #: C5D1945

Report Date: 2025/10/31

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669

Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AWJX74	
Sampling Date		2025/10/16	
COC Number		na	
	UNITS	STN29164 16-OCT-25	QC Batch
Pressure on Receipt	psig	(-4.2)	A042037
QC Batch = Quality Control Batch			



BUREAU
VERITAS

Bureau Veritas Job #: C5D1945

Report Date: 2025/10/31

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		AWJX74				
Sampling Date		2025/10/16				
COC Number		na				
	UNITS	STN29164 16-OCT-25	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	0.44	0.10	1.39	0.319	A041841
Surrogate Recovery (%)						
Bromochloromethane	%	77		N/A	N/A	A041841
D5-Chlorobenzene	%	77		N/A	N/A	A041841
Difluorobenzene	%	75		N/A	N/A	A041841
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable						



**BUREAU
VERITAS**

Bureau Veritas Job #: C5D1945

Report Date: 2025/10/31

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.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A041841	YYA	Spiked Blank	Bromochloromethane	2025/10/28		103	%	60 - 140
			D5-Chlorobenzene	2025/10/28		98	%	60 - 140
			Difluorobenzene	2025/10/28		102	%	60 - 140
			Benzene	2025/10/28		97	%	70 - 130
A041841	YYA	Method Blank	Bromochloromethane	2025/10/28		93	%	60 - 140
			D5-Chlorobenzene	2025/10/28		80	%	60 - 140
			Difluorobenzene	2025/10/28		93	%	60 - 140
			Benzene	2025/10/28	<0.10		ppbv	
A041841	YYA	RPD	Benzene	2025/10/28	0.77		%	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 #: C5D1945

Report Date: 2025/10/31

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.

APPENDIX E

Field Notes



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PUF - Station Logs

Station : East
Location : 725 Strathearne Avenue N, Hamilton
Period : April 1 to June 30, 2025
Quarter Q2

Sample Date (dd-mm-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 ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
01-Jan-25	AKGO85-01	AKGO85-01	31-Dec-24	38	4958.59	38	4981.91	02-Jan-25	325.6	23.32	RH	
	PUF#1		16:00					15:30				
13-Jan-25	AMXL07-01	AMXL07-01	10-Jan-25	38	4981.91	38	5005.27	14-Jan-25	328.9	23.36	RH	
	PUF#1		18:22					15:50				
25-Jan-25	AMXL33-01	AMXL33-01	24-Jan-25	38	5005.27	38	5028.54	27-Jan-25	329.9	23.27	RH	
	PUF#1		14:10					13:30				
06-Feb-25	ANJO72-01	ANJO72-01	05-Feb-25	38	5028.54	38	5051.76	07-Feb-25	327.0	23.22	RH	
	PUF #1		16:45					14:30				
18-Feb-25	ANJP51-01	ANJP51-01	14-Feb-25	30	5051.80	30	5075.16	20-Jan-25	305.9	23.36	RH	
	PUF#1		17:26					10:46				
02-Mar-25	ANJP84-01	ANJP84-01	28-Feb-25	26	5075.16	12	5098.57	03-Mar-25	258.5	23.41	RH	Total PUF volume recorded was 258.3 m3 and under the minimum volume requirement of 293.6 m3.
	PUF#1		14:00					14:06				
14-Mar-25	AOKI11-01	AOKI11-01	12-Mar-25	26	5121.90	22	5145.21	17-Mar-25	290.3	23.31	PD/RH	Total PUF volume recorded was 290.3 m3 and under the minimum volume requirement of 293.6 m3.
	PUF#1		13:30					15:50				
26-Mar-25	AOKI34-01	AOKI34-01	25-Mar-25	38	5145.22	38	5168.60	27-Mar-25	340.9	23.38	RH	
	PUF#1		17:00					15:50				
29-Mar-25	APAX49-01	APAX49-01	28-Mar-25	38	5168.60	38	5191.88	31-Mar-25	339.0	23.28	RH	Resample monitoring day.
	PUF#1		16:30					16:05				
07-Apr-25	APJY24-01	APJY24-01	04-Apr-25	38	5191.89	40	5215.30	08-Apr-25	339.2	23.41	RH	
	PUF#1		13:15					16:00				
19-Apr-25	APJZ13-01	APJZ13-01	17-Apr-25	38	5215.31	38	5238.60	21-Apr-25	330.6	23.29	RH	
	PUF#1		12:50					14:30				
01-May-25	APKA20-01	APKA20-01	30-Apr-25	38	5238.61	35	5261.88	02-May-25	329.1	23.27	RH/DC	
	PUF#1		18:38					12:35				
13-May-25	AQFO22-01	AQFO21-01	12-May-25	38	5261.88	38	5285.30	14-May-25	334.3	23.42	DC	
	PUF#1		12:05					09:45				
25-May-25	AQFR39-01	AQFR39-01	23-May-25	38	5285.30	38	5308.68	26-May-25	336.3	23.38	RH	
	PUF#1		12:53					10:32				
06-Jun-25	ARKD29-01	ARKD29-01	05-Jun-25	38	5308.70	38	5331.91	09-Jun-25	330.6	23.21	RH/MP	
	PUF#1		12:00					10:45				
18-Jun-25	ARKD73-01	ARKD73-01	17-Jun-25	34	5331.92	38	5355.32	19-Jun-25	325.3	23.40	MP/RH	
	PUF#1		10:42					14:30				
30-Jun-25	ARKD88-01	ARKD98-01	27-Jun-25	36	5355.33	36	5378.73	02-Jul-25	326.4	23.40	RH/MP	
	PUF#1		14:28					10:27				
12-Jul-25	ASJM47-01	ASJM47-01	11-Jul-25	36	5378.74	34	5401.97	14-Jul-25	318.1	23.23	RH	
	PUF#1		16:25					14:33				
24-Jul-25	ASJN19-01	ASJN19-01	23-Jul-25	38	5401.97	34	5425.28	28-Jul-25	322.9	23.31	RH	
	PUF#1		14:55					12:32				
05-Aug-25	ATLW29-01	ATLW29-01	01-Aug-25	38	5425.29	38	5448.74	07-Aug-25	333.8	23.45	RH	
	PUF#1		17:27					11:18				
17-Aug-25	ATLW56-01	ATLW56-01	15-Aug-25	36	5448.75	38	5472.10	19-Aug-25	328.2	23.35	RH	
	PUF#1		17:13					14:19				
29-Aug-25	ATLY18-01	ATLY18-01	28-Aug-25	38	5472.15	38	5495.39	03-Sep-25	332.1	23.24	RH	
	PUF#1		16:26					09:29				
10-Sep-25	AUJC90-01	AUJC90-01	09-Sep-25	36	5495.40	34	5518.79	11-Sep-25	332.5	23.39	RH	
	PUF#1		17:34					15:15				
22-Sep-25	AUJF70-01	AUJF70-01	19-Sep-25	38	5518.79	40	5542.23	23-Sep-25	327.1	23.44	RH/DC	
	PUF#1		14:22					10:25				
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				



PUF - Station Logs

Station : North
Location : 725 Strathearne Avenue N, Hamilton
Period : April 1 to June 30, 2025
Quarter : Q2

	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 ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
01-Jan-25	AKGO86-01	AKGO86-01	31-Dec-24	38	3189.59	38	3213.04	02-Jan-25	298.2	23.45	RH	
	PUF#2		16:20					15:45				
13-Jan-25	AMXL08-01	AMXL08-01	10-Jan-25	38	3213.04	38	3236.42	14-Jan-25	300.1	23.38	RH	
	PUF#1		18:42					16:00				
25-Jan-25	AMXL34-01	AMXL34-01	24-Jan-25	38	3236.42	38	3259.78	27-Jan-25	302.1	23.36	RH	
	PUF#2		14:25					13:45				
06-Feb-25	ANJO73-01	ANJO73-01	05-Feb-25	38	3259.78	38	3283.22	07-Feb-25	300.9	23.44	RH	
	PUF#2		17:00					14:40				
18-Feb-25	ANJP52-01	ANJP52-01	14-Feb-25	38	3283.23	38	3306.64	20-Feb-25	306.4	23.41	RH	
	PUF#2		17:51					10:58				
02-Mar-25	ANJP65-01	ANJP65-01	28-Feb-25	38	3306.67	38	3330.09	03-Mar-25		23.42	RH	
	PUF#2		14:20					14:10				
14-Mar-25	AOKI12-01	AOKI12-01	12-Mar-25	28	3330.15	30	3353.70	17-Mar-25	290.5	23.55	PD/RH	Total PUF volume recorded was 290.5 m3 and under the minimum volume requirement of 293.6 m3.
	PUF#2		13:45					14:10				
26-Mar-25	AOKI35-01	AOKI35-01	25-Mar-25	38	3377.21	38	3400.69	27-Mar-25	330.6	23.48	RH	
	PUF#2		17:20					16:15				
29-Mar-25	APAX50-01	APAX50-01	28-Mar-25	38	3400.69	38	3424.17	31-Mar-25	330.0	23.48	RH	Resample monitoring day.
	PUF#2		16:40					16:15				
07-Apr-25	APJY25-01	APJY25-01	04-Apr-25	38	3424.17	38	3447.57	08-Apr-25	326.8	23.40	RH	
	PUF#2		13:50					16:15				
19-Apr-25	APJZ14-01	APJZ14-01	17-Apr-25	38	3447.58	34	3471.06	21-Apr-25	310.8	23.48	RH	
	PUF#2		13:30					14:45				
01-May-25	APKA21-01	APKA21-01	30-Apr-25	38	3471.06	36	3494.54	02-May-25	319.2	23.48	RH	
	PUF#2		18:53					10:50				
13-May-25	AQFO23-01	AQFO21-01	12-May-25	38	3494.54	37	3517.92	14-May-25	317.4	23.38	RH	
	PUF#2		11:50					10:50				
25-May-25	AQFR40-01	AQFR40-01	23-May-25	38	3517.92	38	3541.37	26-May-25	324.2	23.45	RH	
	PUF#2		13:20					10:45				
06-Jun-25	ARKD30-01	ARKD30-01	05-Jun-25	38	3541.38	37	3564.88	09-Jun-25	318.6	23.50	RH/MP	
	PUF#2		12:18					11:00				
18-Jun-25	ARKD74-01	ARKD74-01	17-Jun-25	38	3564.88	38	3588.32	19-Jun-25	317.3	23.44	MP/RH	
	PUF#2		11:06					14:45				
30-Jun-25	ARKD99-01	ARKD99-01	27-Jun-25	35	3588.34	37	3611.73	02-Jul-25	318.0	23.39	RH/MP	
	PUF#2		15:02					10:38				
12-Jul-25	ASJM48-01	ASJM48-01	11-Jul-25	38	3611.74	38	3635.23	14-Jul-25	315.4	23.49	RH	
	PUF#2		16:35					15:13				
24-Jul-25	ASJN20-01	ASJN20-01	23-Jul-25	38	3635.24	38	3658.73	28-Jul-25	316.4	23.49	RH	
	PUF#2		15:10					12:46				
05-Aug-25	ATLW30-01	ATLW30-01	01-Aug-25	36	3658.74	36	3682.13	07-Aug-25	310.8	23.39	RH	
	PUF#2		17:44					11:39				
17-Aug-25	ATLW57-01	ATLW57-01	15-Aug-25	34	3682.14	34	3705.60	19-Aug-25	301.9	23.46	RH	
	PUF#2		17:31					14:32				
29-Aug-25	ATLY19-01	ATLY19-01	28-Aug-25	36	3705.67	35	3729.17	03-Sep-25	311.8	23.50	RH	
	PUF#2		18:06					09:48				
10-Sep-25	AUJC91-01	AUJC91-01	09-Sep-25	38	3729.17	32	3752.57	11-Sep-25	308.2	23.40	RH	
	PUF#2		17:54					15:36				
22-Sep-25	AUJF71-01	AUJF71-01	19-Sep-25	38	3752.58	38	3775.97	23-Sep-25	329.5	23.39	RH	
	PUF#2		14:40					11:00				
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				



PUF - Station Logs

Station : Old West
Location : 725 Strathearne Avenue N, Hamilton
Period : April 1 to June 30, 2025
Quarter : Q2

Sample Date (dd-mm-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 ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
01-Jan-25	AKGO87-01	AKGO87-01	31-Dec-24	38	4853.36	38	4877.14	02-Jan-25	332.2	23.78	RH	
	PUF#3		17:15					16:45				
13-Jan-25	AMXL09-01	AMXL09-01	10-Jan-25	38	4877.14	38	4900.91	14-Jan-25	334.7	23.77	RH	
	PUF#1		19:25					17:10				
25-Jan-25	AMXL35-01	AMXL35-01	24-Jan-25	38	4900.91	38	4924.79	27-Jan-25	338.4	23.88	RH	
	PUF#3		15:30					17:54				
06-Feb-25	ANJO74-01	ANJO74-01	05-Feb-25	38	4924.79	38	4948.27	07-Feb-25	330.7	23.48	RH	
	PUF#3		18:09					15:32				
18-Feb-25	ANJP53-01	ANJP53-01	18-Feb-25	32	4948.27	32	4972.06	20-Feb-25	323.3	23.79	RH	
	PUF#3		10:57					12:31				
02-Mar-25	ANJP66-01	ANJP66-01	28-Feb-25	20	4972.06	8	4995.62	03-Mar-25	242.9	23.56	RH	Total PUF volume recorded was 242.9 m3 and under the minimum volume requirement of 293.6 m3.
	PUF#3		17:26					15:33				
14-Mar-25	AOKI13-01	AOKI13-01	12-Mar-25	32	4972.30	30	4995.96	17-Mar-25	320.3	23.66	PD/RH	
	PUF#3		15:00					15:50				
26-Mar-25	AOKI36-01	AOKI36-01	25-Mar-25	34	4995.98	34	5019.70	27-Mar-25	331.9	23.72	RH	
	PUF#3		19:05					17:40				
29-Mar-25	APAX51-01	APAX51-01	28-Mar-25	38	5019.70	36	5043.39	31-Mar-25	340.3	23.69	RH	Resample monitoring day.
	PUF#3		17:20					17:00				
07-Apr-25	APJY26-01	APJY26-01	04-Apr-25	38	5043.40	34	5067.19	08-Apr-25	337.2	23.79	RH	
	PUF#3		15:00					17:30				
19-Apr-25	APJZ15-01	APJZ15-01	17-Apr-25	38	5067.20	34	5090.92	21-Apr-25	329.8	23.72	RH	
	PUF#3		15:00					15:50				
01-May-25	APKA22-01	APKA22-01	30-Apr-25	38	5090.92	36	5114.55	02-May-25	334.6	23.63	RH/DC	
	PUF#3		19:42					11:40				
13-May-25	AQFQ24-01	AQFQ21-01	12-May-25	38	5114.55	38	5138.34	14-May-25	338.0	23.79	DC	
	PUF#3		11:30					10:30				
25-May-25	AQFR41-01	AQFR41-01	23-May-25	38	5138.35	36	5162.12	26-May-25	337.6	23.77	RH	
	PUF#3		14:20					11:45				
06-Jun-25	ARKD31-01	ARKD31-01	05-Jun-25	38	5162.12	35	5185.91	09-Jun-25	333.3	23.79	RH/MP	
	PUF#3		13:15					11:35				
18-Jun-25	ARKD75-01	ARKD75-01	17-Jun-25	35	5185.91	36	5209.67	19-Jun-25	328.1	23.76	MP/RH	
	PUF#3		11:35					15:55				
30-Jun-25	ARKE00-01	ARKE00-01	27-Jun-25	34	5209.67	32	5233.23	02-Jul-25	328.1	23.56	RH/MP	
	PUF#3		16:09					10:56				
12-Jul-25	ASJM49-01	ASJM49-01	11-Jul-25	30	5233.24	30	5257.10	14-Jul-25	310.8	23.86	RH	
	PUF#3		17:34					16:36				
24-Jul-25	ASJN21-01	ASJN21-01	23-Jul-25	38	5257.10	32	5280.89	28-Jul-25	325.9	23.79	RH	
	PUF#3		16:50					15:28				
05-Aug-25	ATLW31-01	ATLW31-01	01-Aug-25	34	5280.90	32	5304.62	07-Aug-25	321.5	23.72	RH	
	PUF#3		18:43					16:35				
17-Aug-25	ATLW58-01	ATLW58-01	15-Aug-25	30	5304.63	32	5328.31	19-Aug-25	313.7	23.68	RH	
	PUF#3		18:22					16:16				
29-Aug-25	ATLY20-01	ATLY20-01	28-Aug-25	30	5328.39	32	5352.14	03-Sep-25	316.7	23.75	RH	
	PUF#3		18:58					11:11				
10-Sep-25	AUJC92-01	AUJC92-01	09-Sep-25	36	5352.14	32	5375.88	11-Sep-25	315.1	23.74	RH	
	PUF#3		18:10					17:21				
22-Sep-25	AUJF72-01	AUJF72-01	19-Sep-25	38	5375.89	38	5399.55	23-Sep-25	325.6	23.66	RH	
	PUF#3		16:45					11:50				
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				



PUF - Station Logs

Station : South
Location : 725 Strathearn Avenue N, Hamilton
Period : April 1 to June 30, 2025
Quarter : Q2

Sample Date (dd-mm-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 - 368.8 m ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
01-Jan-25	AKGO88-01 PUF#4	AKGO88-01	31-Dec-24 16:30	38	4734.17	38	4757.13	02-Jan-25 16:05	320.9	22.96	RH	
13-Jan-25	AMXL10-01 PUF#1	AMXL10-01	10-Jan-25 19:10	38	4757.13	38	4780.19	14-Jan-25 16:30	325.6	23.06	RH	
25-Jan-25	AMXL36-01 PUF#4	AMXL36-01	24-Jan-25 14:45	38	4780.19	32	4803.01	27-Jan-25 14:00	312.8	22.82	RH	
06-Feb-25	ANJ075-01 PUF#4	ANJ075-01	06-Feb-25 17:25	38	4803.01	38	4825.97	07-Feb-25 14:57	312.2	22.96	RH	
18-Feb-25	ANJP54-01 PUF#4	ANJP54-01	14-Feb-25 18:11	32	4825.97	32	4849.84	20-Feb-25 11:22	318.1	23.87	RH	
02-Mar-25	ANJP67-01 PUF#4	ANJP67-01	28-Feb-25 17:34	22	4849.84	10	4873.81	03-Mar-25 14:35	233.2	23.97	RH	Total PUF volume recorded was 233.2 m3 and under the minimum volume requirement of 293.6 m3.
14-Mar-25	AOKI14-01 PUF#4	AOKI14-01	12-Mar-25 14:00	33	4873.81	30	4896.72	17-Mar-25 15:50	303.9	22.91	RH	
26-Mar-25	AOKI37-01 PUF#4	AOKI37-01	25-Mar-25 17:40	32	4896.72	32	4918.80	27-Mar-25 16:45	296.0	22.08	RH	
29-Mar-25	APAX52-01 PUF#4	APAX52-01	28-Mar-25 16:50	38	4918.80	38	4941.65	31-Mar-25 16:34	328.1	22.85	RH	Resample monitoring day.
07-Apr-25	APJY27-01 PUF#4	APJY27-01	04-Apr-25 14:15	36	4941.65	38	4964.63	08-Apr-25 16:36	324.6	22.98	RH	
19-Apr-25	APJZ16-01 PUF#4	APJZ16-01	17-Apr-25 13:45	38	4964.63	38	4986.54	21-Apr-25 15:02	305.3	21.91	RH	
01-May-25	APKA23-01 PUF#4	APKA23-01	30-Apr-25 19:07	38	4986.55	38	5009.50	02-May-25 12:10	323.6	22.95	RH/DC	
13-May-25	AQFQ25-01 PUF#4	AQFQ25-01	12-May-25 10:20	38	5009.50	38	5032.42	14-May-25 09:30	321.0	22.92	DC	
25-May-25	AQFR42-01 PUF#4	AQFR42-01	23-May-25 13:45	38	5032.43	34	5055.34	26-May-25 11:00	317.2	22.91	RH	
01-Jun-25	PUF#4				5055.34		5074.19		0.0	18.85	RH	Unit operated again with no PUF cartridge installed on a non monitoring day Sunday June 1, 2025 as unit power not switched off.
06-Jun-25	ARKD32-01 PUF#4	ARKD32-01	05-Jun-25 12:40	38	5074.19	36	5097.15	09-Jun-25 12:00	317.8	22.96	RH/MP	
18-Jun-25	ARKD76-01 PUF#4	ARKD76-01	17-Jun-25 12:05	38	5097.16	40	5120.12	19-Jun-25 14:30	322.5	22.96	MP/RH	
30-Jun-25	ARKE02-1 PUF#4	ARKE02-01	27-Jun-25 15:29	34	5120.13	36	5143.06	02-Jul-25 11:24	323.3	22.93	RH/MP	
12-Jul-25	ASJM50-01 PUF#4	ASJM50-01	11-Jul-25 16:53	34	5143.07	32	5166.01	14-Jul-25 15:38	299.0	22.94	RH	
24-Jul-25	ASJN22-01 PUF#4	ASJN22-01	23-Jul-25 15:31	38	5166.01	38	5188.92	28-Jul-25 13:06	317.0	22.91	RH	
05-Aug-25	ATLW32-01 PUF#4	ATLW32-01	01-Aug-25 18:03	38	5188.93	38	5211.85	07-Aug-25 12:12	320.4	22.92	RH	
17-Aug-25	ATLW59-01 PUF#4	ATLW59-01	15-Aug-25 17:48	38	5211.86	40	5234.74	19-Aug-25 15:47	321.9	22.88	RH	
29-Aug-25	ATLY21-01 PUF#4	ATLY21-01	28-Aug-25 18:22	38	5234.79	38	5257.71	03-Sep-25 10:17	321.9	22.92	RH	
10-Sep-25	AUJC93-01 PUF#4	AUJC93-01	09-Sep-25 18:10	38	5257.72	32	5280.63	11-Sep-25 16:08	319.7	22.91	RH	
22-Sep-25	AUJF73-01 PUF#3	AUJF73-01	19-Sep-25 15:46	38	5280.63	38	5303.55	23-Sep-25 11:30	307.2	22.92	RH	
04-Oct-25	AVOQ18-01 PUF#4	AVOQ18-01	03-Oct-25 18:33	36	5303.55	30	5326.49	07-Oct-25 13:23	318.8	22.94	RH	
16-Oct-25	AVRL29-01 PUF#4	AVRL29-01	15-Oct-25 17:47	36	5326.50	36	5349.43	20-Oct-25 13:07	306.4	22.93	RH	
28-Oct-25	AVRL54-01 PUF#4	AVRL54-01	27-Oct-25 17:07	34	5349.43	34	5372.35	29-Oct-25 16:47	301.7	22.92	RH	



PUF - Station Logs

Station : New West
Location : 725 Strathearn Avenue N, Hamilton
Period : April 1 to June 30, 2025
Quarter : Q2

Sample Date (dd-mm-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 ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
01-Jan-25	AKGO89-01	AKGO89-01	31-Dec-24	38	4539.27	38	4562.93	02-Jan-25	316.2	23.66	RH	
	PUF#5		16:50					16:20				
13-Jan-00	AMXL11-01	AMXL11-01	10-Jan-25	38	4562.93	38	4586.50	14-Jan-25	318.6	23.57	RH	
	PUF#1		19:20					16:45				
25-Jan-25	AMXL37-01	AMXL37-01	24-Jan-25	38	4586.50	38	4610.29	27-Jan-25	324.4	23.79	RH	
	PUF#5		15:00					18:26				
06-Feb-25	ANJO76-01	ANJO76-01	05-Feb-25	38	4610.29	38	4633.71	07-Feb-25	316.6	23.42	RH	
	PUF#5		17:54					15:15				
18-Feb-25	ANJP55-01	ANJP55-01	14-Feb-25	32	4633.71	32	4657.26	20-Feb-25	298.6	23.55	RH	
	PUF#5		18:30					12:48				
02-Mar-25	ANJP68-01	ANJP68-01	28-Feb-25	0	4657.26	0	4657.26	03-Mar-25	0.0	0.00	RH	Sample did not operate as no power to the PAH monitor.
	PUF#5		17:00					15:00				
04-Mar-25	ANJP68-01	ANJP68-01	03-Mar-25	10	4657.26	18	4680.88	07-Mar-25	191.7	23.62	RH	Resample monitoring day. Total PUF volume recorded was 191.7 m ³ and under the minimum volume requirement of 293.6 m ³ .
	PUF#5		15:00					10:09				
14-Mar-25	AOKI15-01	AOKI15-01	12-Mar-25	38	4681.10	36	4704.65	17-Mar-25	325.9	23.55	RH	
	PUF#5		14:30					16:40				
26-Mar-25	AOKI38-01	AOKI38-01	25-Mar-25	34	4704.79	32	4728.35	27-Mar-25	310.4	23.56	RH	
	PUF#5		17:40					17:20				
29-Mar-25	APAX53-01	APAX53-01	28-Mar-25	38	4728.35	38	4751.91	31-Mar-25	331.1	23.56	RH	Resample monitoring day.
	PUF#5		17:05					16:45				
07-Apr-25	APJY28-01	APJY28-01	04-Apr-25	38	4751.91	38	4775.51	08-Apr-25	329.6	23.60	RH	
	PUF#5		14:30					17:10				
19-Apr-25	APJZ17-01	APJZ17-01	17-Apr-25	38	4775.51	38	4799.07	21-Apr-25	319.9	23.56	RH	
	PUF#5		14:30					15:20				
01-May-25	APKA24-01	APKA24-01	30-Apr-25	38	4799.07	36	4822.68	02-May-25	320.2	23.61	RH/DC	
	PUF#5		19:26					11:15				
13-May-25	AQFQ26-01	AQFQ21-01	12-May-25	38	4822.68	36	4846.35	14-May-25	318.5	23.67	DC	
	PUF#5		10:55					10:10				
25-May-25	AQFR43-01	AQFR43-01	23-May-25	38	4846.38	38	4869.96	26-May-25	326.0	23.58	RH	
	PUF#5		14:10					11:31				
06-Jun-25	ARKD33-01	ARKD33-01	05-Jun-25	38	4869.96	34	4893.47	09-Jun-25	312.7	23.51	RH/MP	
	PUF#5		13:00					11:45				
18-Jun-25	ARKD77-01	ARKD77-01	17-Jun-25	38	4893.47	38	4917.11	19-Jun-25	320.0	23.64	MP/RH	
	PUF#5		11:50					15:29				
30-Jun-25	ARKE04-01	ARKE04-01	27-Jun-25	38	4917.11	38	4940.71	02-Jul-25	320.9	23.60	RH/MP	
	PUF#5		15:49					11:07				
12-Jul-25	ASJM51-01	ASJM51-01	11-Jul-25	38	4940.73	38	4964.29	14-Jul-25	316.4	23.56	RH	
	PUF#5		17:15					16:18				
24-Jul-25	ASJN23-01	ASJN23-01	23-Jul-25	34	4964.29	35	4987.86	28-Jul-25	320.0	23.57	RH	
	PUF#5		15:50					15:10				
05-Aug-25	ATLW33-01	ATLW33-01	01-Aug-25	38	4987.87	36	5011.55	07-Aug-25	318.7	23.68	RH	
	PUF#5		18:22					16:07				
17-Aug-25	ATLW60-01	ATLW60-01	15-Aug-25	36	5011.55	40	5035.11	19-Aug-25	319.5	23.56	RH	
	PUF#5		18:06					15:39				
29-Aug-25	ATLY21-01	ATLY21-01	28-Aug-25	36	5035.17	36	5058.70	03-Sep-25	314.2	23.53	RH	
	PUF#5		18:42					10:42				
10-Sep-25	AUJC91-01	AUJC91-01	09-Sep-25	38	5082.23	34	5105.95	11-Sep-25	314.5	23.72	RH	Unit operated prior to Wednesday September 10, 2025 with no PUF cartridge installed on a non monitoring day Thursday September 4, 2025 as unit power not switched off.
	PUF#2		18:24					17:05				
22-Sep-25	AUJF74-01	AUJF74-01	19-Sep-25	38	5105.95	38	5129.60	23-Sep-25	310.3	23.65	RH	
	PUF#5		16:06					12:15				
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				



VOC - Station Logs

Station : East
Location : 725 Strathearne Avenue N, Hamilton
Period : July 1 to October 31, 2025
Quarter : Q3

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
12-Jul-25	309	11-Jul	---	-30.0	---	-18.0	14-Jul-25	---	24.0	RH		The July 12, 2025, MECP monitoring day VOC monitor summa canister off pressure was - 18 inches Hg due to a VOC sampler timer valve flow restrictions.
		16:24					14:37					
15-Jul-25	305	14-Jul	---	-30.0	---	-18.0	17-Jul-25	---	24.0	RH		Additional East VOC Monitor Tuesday July 15, 2025, MECP monitoring day
		14:44					14:36					
19-Jul-25	14253	18-Jul	---	-30.0	---	-14.0	22-Jul-25	---	24.0	RH		#1 Additional East VOC Monitor Saturday July 19, 2025, MECP monitoring day
		18:44					14:36					
19-Jul-25	14252	18-Jul	---	-30.0	---	0.0	22-Jul-25	---	24.0	RH		#2 Additional East VOC Monitor Saturday July 19, 2025, MECP monitoring day
		18:44					14:40					
24-Jul-25	23655	23-Jul	---	-30.0	---	-17.5	28-Jul-25	---	24.0	RH		
		15:00					12:35					
24-Jul-25	32572	23-Jul	---	-30.0	---	-9.5	28-Jul-25	---	24.0	RH		Additional Standalone East VOC Monitor Thursday July 24, 2025, MECP monitoring day
		16:40					12:36					
05-Aug-25	256	01-Aug	---	-30.0	---	-14.0	07-Aug-25	---	24.0	RH		
		17:30					11:20					
05-Aug-25	29297	01-Aug	---	-30.0	---	-10.0	07-Aug-25	---	24.0	RH		Additional Standalone East VOC Monitor Tuesday August 5, 2025, MECP monitoring day
		17:35					11:23					
17-Aug-25	7826	15-Aug	---	-30.0	---	-16.0	19-Aug-25	---	24.0	RH		Summa canister pressure on receipt outside MECP guidance. Sample invalidated.
		17:17					14:22					
17-Aug-25	280	15-Aug	---	-30.0	---	-3.0	19-Aug-25	---	24.0	RH		Additional Standalone East VOC Monitor Sunday August 17, 2025, MECP monitoring day. Summa canister pressure on receipt outside MECP guidance. Sample invalidated.
		17:20					14:23					
22-Aug-25	132	21-Aug	---	-30.0	---	-30.0	25-Aug-25	---	24.0	RH		Additional East VOC Monitor Friday August 22, 2025, monitoring day
		12:59					13:54					
26-Aug-25	132	25-Aug	---	-30.0	---	-9.0	27-Aug-25	---	24.0	RH		Additional East VOC Monitor Tuesday August 26, 2025, monitoring day
		13:54					10:42					
29-Aug-25	14938	28-Aug	---	-30.0	---	-10.0	03-Sep-25	---	24.0	RH		
		17:58					09:31					
10-Sep-25	14527	09-Sep	---	-30.0	---	-10.0	11-Sep-25	---	24.0	RH		
		17:57					15:37					
22-Sep-25	18275	19-Sep	---	-30.0	---	-8.5	23-Sep-25	---	24.0	RH/DC		
		14:26					10:25					
04-Oct-25	17177	03-Oct	---	-30.0	---	-10.5	07-Oct-25	---	24.0	RH		
		18:00					12:33					
16-Oct-25	14543	15-Oct	---	-30.0	---	-10.0	20-Oct-25	---	24.0	RH		
		17:14					12:43					
28-Oct-25	14238	27-Oct	---	-30.0	---	-11.0	29-Oct-25	---	24.0	RH		
		16:22					16:20					



VOC - Station Logs

Station : North
Location : 725 Strathearn Avenue N, Hamilton
Period : July 1 to October 31, 2025
Quarter : Q3

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
12-Jul-25	7812	11-Jul	---	-30.0	---	-17.0	14-Jul-25	---	24.0	RH		The July 12, 2025, MECP monitoring day VOC monitor summa canister off pressure was - 17 inches Hg due to a VOC sampler timer valve flow restrictions.
		16:40					14:58					
16-Jul-25	27575	15-Jul	---	-30.0	---	-11.0	17-Jul-25	---	24.0	RH		Additional North VOC Monitor July 16, 2025, MECP monitoring day
		14:17					14:45					
24-Jul-25	27659	23-Jul	---	-30.0	---	-10.0	28-Jul-25	---	24.0	RH		
		15:00					12:48					
05-Aug-25	279	01-Aug	---	-30.0	---	-10.0	07-Aug-25	---	24.0	RH		
		17:47					11:44					
17-Aug-25	269	15-Aug	---	-30.0	---	-30.0	19-Aug-25	---	24.0	RH		The August 17, 2025, MECP monitoring day VOC monitor summa canister off pressure was - 30 inches Hg due to a VOC sampler timer valve failure.
		17:35					14:34					
20-Aug-25	269	19-Aug	---	-30.0	---	-10.0	21-Aug-25	---	24.0	RH		Additional North VOC Monitor August 20, 2025, monitoring day.
		14:36					13:19					
29-Aug-25	14121	28-Aug	---	-30.0	---	-7.0	03-Sep-25	---	24.0	RH		
		18:10					09:50					
10-Sep-25	14238	09-Sep	---	-30.0	---	-8.0	11-Sep-25	---	24.0	RH		
		17:57					15:38					
22-Sep-25	1278	19-Sep	---	-30.0	---	-8.0	23-Sep-25	---	24.0	RH/DC		
		14:45					11:00					
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					



VOC - Station Logs

Station : Old West
Location : 725 Strathearn Avenue N, Hamilton
Period : July 1 to October 31, 2025
Quarter : Q3

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
12-Jul-25	14549	11-Jul	---	-30.0	---	-11.0	14-Jul-25	---	24.0	RH		
		17:37					16:38					
24-Jul-25	27696	23-Jul	---	-30.0	---	-11.0	24-Jul-25	---	24.0	RH		
		16:26					15:29					
05-Aug-25	1281	01-Aug	---	-30.0	---	-12.0	07-Aug-25	---	24.0	RH		
		18:47					16:37					
17-Aug-25	14267	15-Aug	---	-30.0	---	-12.0	19-Aug-25	---	24.0	RH		
		18:26					16:18					
29-Aug-25	14270	28-Aug	---	-30.0	---	-6.5	03-Sep-25	---	24.0	RH		
		19:02					11:13					
10-Sep-25	14913	09-Sep	---	-30.0	---	-7.0	11-Sep-25	---	24.0	RH		
		18:37					17:25					
22-Sep-25	32571	19-Sep	---	-30.0	---	-9.0	23-Sep-25	---	24.0	RH/DC		
		16:48					11:50					
04-Oct-25	278	03-Oct	---	-30.0	---	0.0	07-Oct-25	---	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.
		19:09					14:10					
11-Oct-25	140	10-Oct	---	-29.0	---	-0.5	14-Oct-25	---	24.0	RH		Additional Old West VOC Monitor October 11, 2025 monitoring day. Unsuccessful sample as pressure on recelot was not within MECP guidance limits.
		18:34					15:39					
16-Oct-25	18231	15-Oct	---	-30.0	---	-9.0	20-Oct-25	---	24.0	RH		
		18:14					15:10					
21-Oct-25	14926	20-Oct	---	-30.0	---	-30.0	23-Oct-25	---	24.0	RH		Additional Old West VOC Wednesday October 22, 2025 monitoring day. The summa canister pressure on receipt was 0 inches Hg due to a suspected VOC sampler timer valve leak.
		15:20					13:51					
25-Oct-25	32572	24-Oct	---	-30.0	---	-9.0	27-Oct-25	---	24.0	RH		Additional Old West VOC Saturday October 25, 2025 monitoring day and successful sample.
		17:39					17:45					
28-Oct-25	18241	27-Oct	---	-30.0	---	-6.0	29-Oct-25	---	24.0	RH		
		17:50					17:25					



VOC - Station Logs

Station : South
Location : 725 Strathearne Avenue N, Hamilton
Period : July 1 to October 31, 2025
Quarter : Q3

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
12-Jul-25	7820	11-Jul	---	-30.0	---	-13.0	14-Jul-25	---	24.0	RH		
		16:59					15:40					
24-Jul-25	27589	23-Jul	---	-30.0	---	-12.5	28-Jul-25	---	24.0	RH		
		15:36					13:08					
05-Aug-25	14552	01-Aug	---	-30.0	---	-11.0	07-Aug-25	---	24.0	RH		
		18:06					12:14					
17-Aug-25	137	15-Aug	---	-30.0	---	-13.0	19-Aug-25	---	24.0	RH		
		15:49					15:48					
29-Aug-25	2796	28-Aug	---	-30.0	---	-6.0	03-Sep-25	---	24.0	RH		
		18:25					10:18					
10-Sep-25	27647	09-Sep	---	-30.0	---	-5.0	11-Sep-25	---	24.0	RH		
		18:13					16:10					
22-Sep-25	7824	19-Sep	---	-30.0	---	-7.5	23-Sep-25	---	24.0	RH/DC		
		15:49					11:30					
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										



VOC - Station Logs

Station : New West
Location : 725 Strathearne Avenue N, Hamilton
Period : July 1 to October 31, 2025
Quarter : Q3

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
12-Jul-25	18251	11-Jul	---	-30.0	---	-8.0	14-Jul-25	---	24.0	RH		
		17:19					16:20					
24-Jul-25	17204	23-Jul	---	-30.0	---	-9.0	28-Jul-25	---	24.0	RH		
		16:08					15:14					
05-Aug-25	7824	01-Aug	---	-30.0	---	-8.5	07-Aug-25	---	24.0	RH		
		18:26					16:11					
17-Aug-25	23736	15-Aug	---	-30.0	---	-7.5	19-Aug-25	---	24.0	RH		
		18:09					16:02					
29-Aug-25	14907	28-Aug	---	-30.0	---	-7.0	03-Sep-25	---	24.0	RH		
		18:46					10:44					
10-Sep-25	18241	09-Sep	---	-30.0	---	-7.0	11-Sep-25	---	24.0	RH		
		18:28					17:07					
22-Sep-25	123	19-Sep	---	-30.0	---	-7.5	23-Sep-25	---	24.0	RH/DC		
		16:10					12:15					
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										