RAIN CARBON INC.

REPORT

July 2025 Ambient Air Monitoring Report

Rain Carbon Canada Inc.

Submitted by:

Rain Carbon Canada Inc.

725 Strathearne Avenue North
Hamilton, Ontario
L8H 5L3

August 2025

Distribution List

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

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

The ambient air monitoring measurements for July 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 July 2022 through December 2022 and resumed monitoring on July 7, 2023.

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

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

2.0 AMBIENT MONITORING STATIONS

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

Table 1: Rain Carbon Ambient Air Quality Monitoring Stations

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

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

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

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

Figure 1: Monitor and Source Locations

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

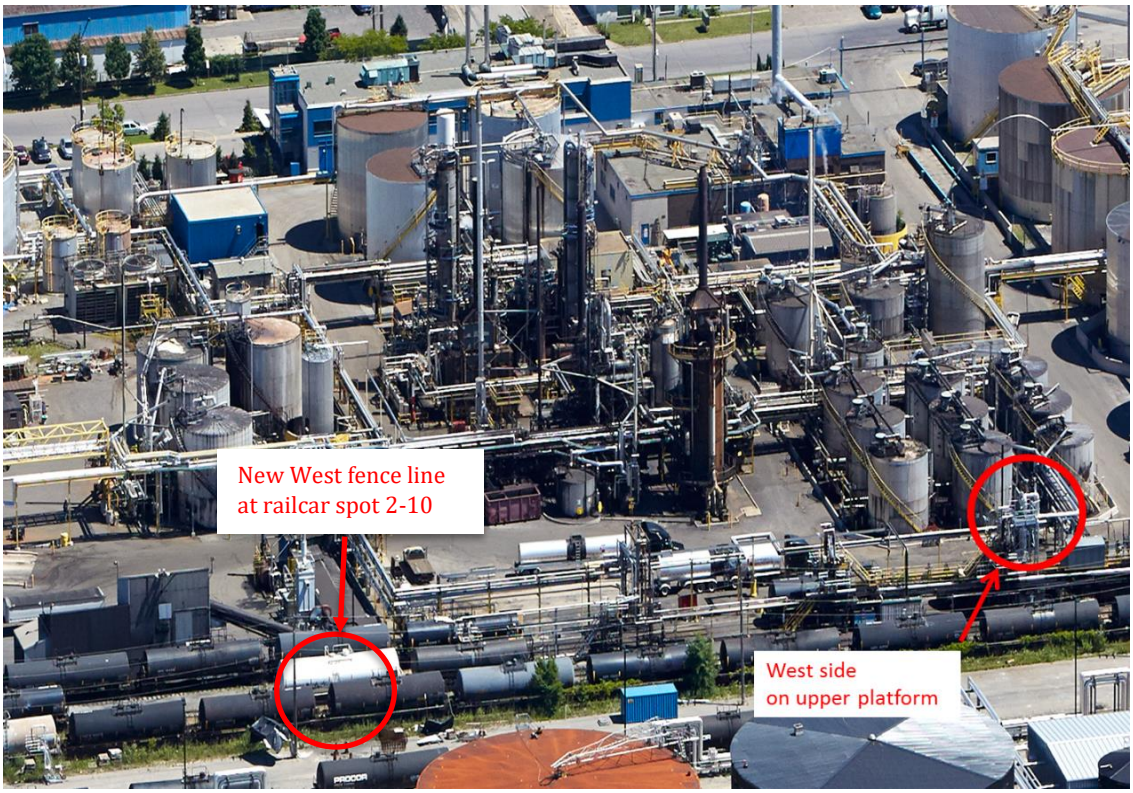

Figure 3: Monitor Locations on the West Side of the Facility

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

3.0 SUMMARY OF MONITORING EQUIPMENT CONDITIONS

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

For the July 2025 B(a)P monitoring results, all the recorded PUF volumes were inside the MECP specified range of between 293.6 m^3 and 358.8 m^3 over 24 hours

For the July 2025 benzene monitoring results, all the summa canister pressures on receipt were within the MECP acceptable pressure of receipt of between -1.6 to -13.4 inches Hg except for at the east and north VOC monitors on the **Saturday July 12, 2025, MECP monitoring event** which recorded summa canister pressures on receipt of – 17.1 inches Hg and -15.6 inches Hg respectively likely due to the very high ambient air temperature on the **Saturday July 12, 2025, MECP monitoring event** impacting both the east and north VOC sampler timer air flows.

The north VOC monitor was successfully operated again on the **Tuesday July 16 , 2025, additional north VOC monitor monitoring event** and the east VOC monitor was successfully operated again on the **Saturday July 19, 2025, additional east VOC monitor monitoring event**

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
July 12	**- 17.1****	**-15.6****	**- 10.38***	**-12.62***	- 8.14	-7.53
July 16 North Additional monitoring event	**-**	- 9.98	-	**-**	**-**	-
July 19 East Additional monitoring event	**-12.83***	-	-	**-**	-	-
July 24	- 8.55	- 9.16	**-10.59***	**-12.42***	- 8.96	- 6.31

*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 [m^3]				
	East	North	Old West	South	New West	HAMN STN 29164
July 12	318.1	315.4	310.8	299.0	316.4	317.3
July 24	322.9	316.4	325.9	317.0	320.0	309.8

4.0 SUMMARY OF BENZENE MEASUREMENTS

Table 4: Summary of July 2025 Benzene Measurements

Monitoring Event Date		Measured Concentration [µg/m^3]				
	East	North	Old West	South	New West	HAMN STN 29164
July 12	**Invalid sample****	**Invalid sample****	**4.11***	**< 0.543***	4.06	0.876
July 16 North Additional monitoring day	**-**	84.2	-	**-**	**-**	-
July 19 East Additional monitoring day	**13.0***	-	**-**	**-**	-	-
July 24	19.8	36.7	**2.35***	**1.39***	1.52	1.57

*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.

Two sets of benzene measurements were taken in July 2025. In addition, the north VOC monitor was successfully operated again on the **Tuesday July 16 , 2025, additional north VOC monitor monitoring event** and the east VOC monitor was successfully operated again on the **Saturday July 19, 2025, additional east VOC monitor monitoring event.** The measurements range from < 0.543 µg/m^3 to **84.3 µg/m^3 benzene**, with the highest value being detected at the **north monitor** during the **Tuesday July 16, 2025, MECP north additional monitoring event**.

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

5.0 SUMMARY OF B(a)P MEASUREMENTS.

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

Monitoring Event Date		Measured Concentration [µg/m³]				
	East	North	Old West	South	New West	HAMN STN 29164
July 12	0.00031	< 0.00032	< 0.00032	< 0.00033	< 0.00032	< 0.00032
July 24	0.00099	0.00120	0.00043	< 0.00032	0.00169	< 0.00032

Two sets of B(a)P measurements were taken in July 2025. The B(a)P measurements ranged from < 0.00032 µg/m^3 to **0.00169 µg/m^3 B(a)P,** with the highest value being detected at the **new west monitor** during the **Thursday July 24, 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.

All the B(a)P concentrations measured during the two July 2025 monitoring events were below the 0.0043 µg/m^3 Measured Level Threshold (MLT) and below the 24-hr Upper Risk Threshold (URT) of 0.0050 µg/m^3 B(a)P.

6.0 CONCLUSIONS

All of the B(a)P concentrations measured during the two July 2025 monitoring events were below the 0.0043 µg/m^3 Measured Level Threshold (MLT) and below the 24-hr Upper Risk Threshold (URT) of 0.0050 µg/m^3 B(a)P.

All the benzene concentrations measured during the two July 2025 MECP monitoring events were below the 24-hour Upper Risk Threshold (URT) of 100 µg/m^3 benzene.

All of the summa canister pressures on receipt were within the MECP acceptable pressures of receipt of between -1.6 to -13.4 inches Hg except for at the east and north VOC monitors on the **Saturday July 12, 2025, MECP monitoring event** which recorded summa canister pressure on receipt of – 17.1 inches Hg and -15.6 inches Hg respectively likely due to the very high ambient air temperature on the **Saturday July 12, 2025, MECP monitoring event** impacting both the east and north VOC sampler timer air flows.

The north VOC monitor was successfully operated again on the **Tuesday July 16 , 2025, additional north VOC monitor monitoring event** and the east VOC monitor was successfully operated again on the **Saturday July 19, 2025, additional east VOC monitor monitoring event.** In both cases the benzene concentrations measured were below the 24-hour Upper Risk Threshold (URT) of 100 µg/m^3 benzene.

Signature Page

Robin Hart

Robin S. Hart P.Eng.

Environmental Engineer

Rain Carbon Canada Inc.

APPENDIX A

Monitoring Plan

REPORT

Monitoring Plan for Benzo(a)pyrene and Benzene

Rain Carbon Canada Inc.

Submitted to:

Distribution List

Submitted by:

Rain Carbon Canada Inc.
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September 2020

Distribution List

1 PDF Copy - MECP, SDB, Toronto

1 PDF Copy - MECP, Hamilton District Office, Hamilton

1 PDF Copy - Golder Associates.

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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/m³ (0.1 ng/m³)
Benzene	Mass spectrometry or other detector(s) such as flame ionization detector (FID) or electron capture detector (ECD)	0.16 µg/m³

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

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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

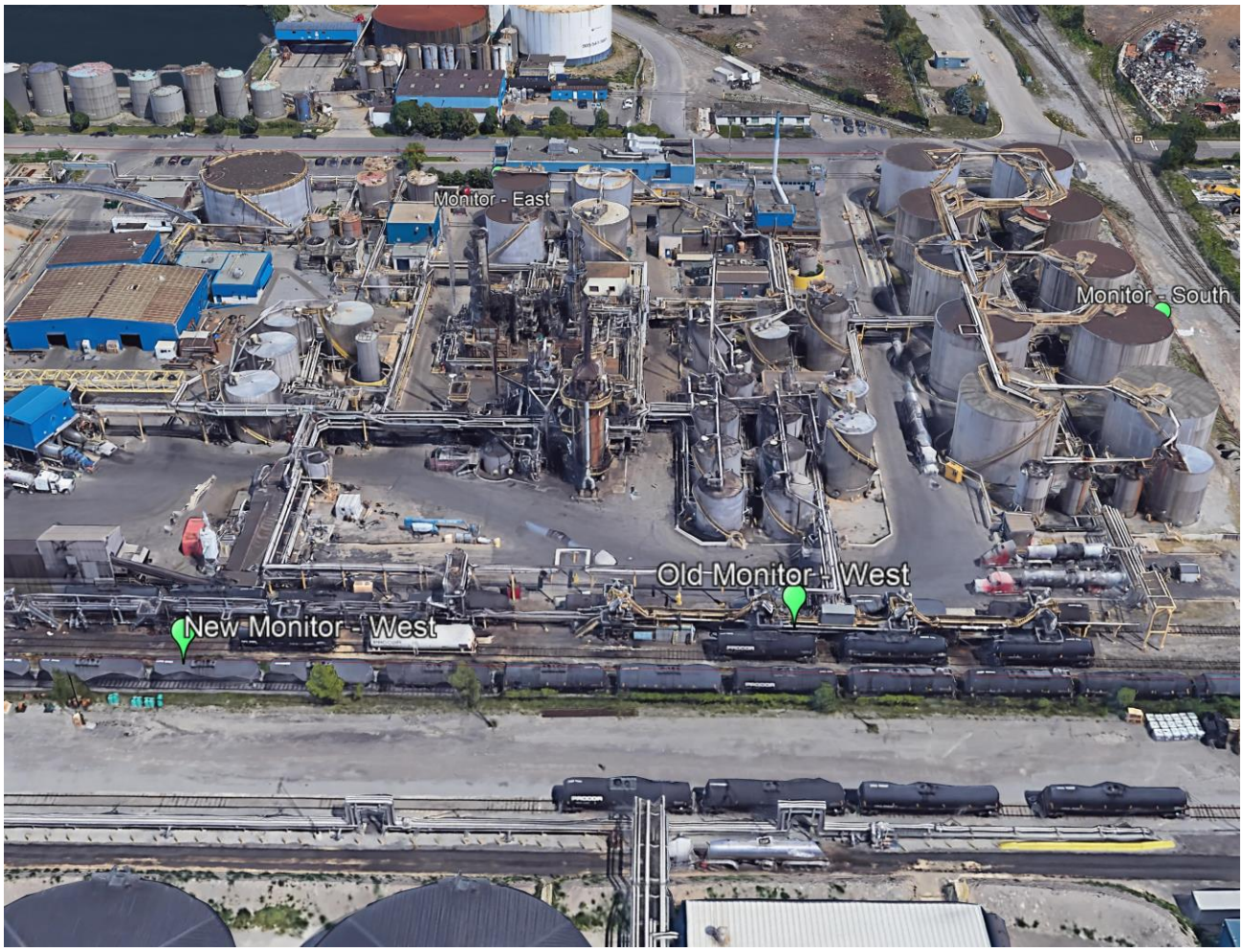
Figure A2: Site-Wide Aerial View 2

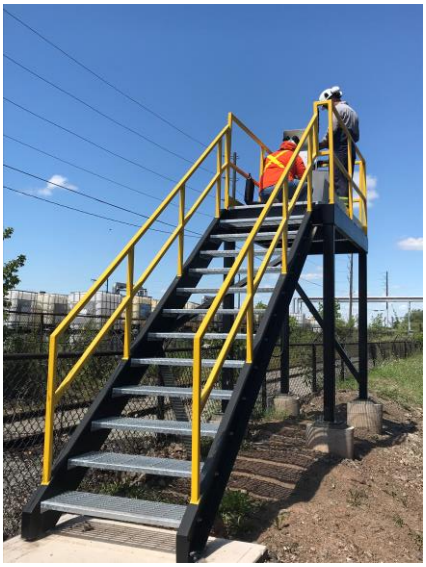
Figure A4: Aerial View 2 – North Monitoring Station.

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 : July 2025
Sampling Methods : 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
July 12, 2025	0.31	0.16	0.16	0.165	0.16	0.16*
July 24, 2025	0.99	1.20	0.43	0.16	1.69	0.16*
Monthly Ave	0.65	0.68	0.295	0.1625	0.925	0.16*
Monthly Max	0.99	1.20	0.43	0.165	1.69	0.16*
Monthly Min	0.31	0.16	0.16	0.16	0.16	0.16*
No. of Samples > Standard	1	1	0	0	1	0*
No. of Valid Samples	2	2	2	2	2	2*
% Valid Data	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 m^3. ** 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 : July 2025
Sampling Methods : GC/MS (TO15)
Sampling Times : 24-hour duration starting at 00:00 EST on the Sample Date

Parameter	Benzene
Units	µg/m^3
Analytical RDL	0.319
Annual Site-Specific Standard	**12.7**

Sample Date	Location					
	East	North	Old West	South	New West	STN29164
July 12, 2025	Invalid sample	Invalid sample	4.11	0.27	4.06	0.876*
July 16, 2025 (additional north monitoring event)	-	84.2	-	-	-	-
July 19, 2025 (additional east monitoring event	13.0	-	-	-	-	-
July 24, 2025	19.8	36.7	2.35	1.39	1.52	1.57*
Monthly Ave	16.4	60.45	3.23	0.83	2.79	2.45*
Monthly Max	19..8	84.2	4.11	1.39	4.06	1.57*
Monthly Min	13.0	36.7	2.35	0.27	1.52	0.876*
No. of Samples >Standard	2	2	0	0	0	0*
No. of Valid Samples	2	2	2	2	2	2*
% Valid Data	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 : July 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
12-Jul-25	---	---	---	---	---	0.16
24-Jul-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	0.16
No. of Samples >Standard	0	0	0	0	0	0
No. of Valid Samples	0	0	0	0	0	2
% 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 : July 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**
12-Jul-25	---	---	---	---	---	0.88
24-Jul-25	---	---	---	---	---	1.57
Monthly Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.22
Monthly Max	0.00	0.00	0.00	0.00	0.00	1.57
Monthly Min	0.00	0.00	0.00	0.00	0.00	0.88
No. of Samples >Standard	0	0	0	0	0	0
No. of Valid Samples	0	0	0	0	0	2
% 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

C585049
2025/07/15 17:15

AIR

CAM FCD-01302 /3

BUREAU VERITAS

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CHAIN OF CUSTODY FORM - AIR

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CLIENT INFORMATION SECTION

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Project Manager: Robin Hart
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Address: 725Strathearne Avenue
Hamilton, ON
Phone: 1-647-281-8094 Fax:
Sampled by: Robin Hart

ANALYSIS REQUESTED

Field Sample ID	Total Volume Sampled	Flow Rate	Collection Date	Sample Collection Time	PAHs on PUF as per ERP 7013
East Monitor PAH July 12, 2025 ASJM47-01	318.10		12/Jul/25	24 hours	x
North Monitor PAH July 12, 2025 ASJM48-01	315.40		12/Jul/25	24 hours	x
Old West Monitor PAH July 12, 2025 ASJM49-01	310.80		12/Jul/25	24 hours	x
South Monitor PAH July 12, 2025 ASJM50-01	299.00		12/Jul/25	24 hours	x
New West Monitor PAH July 12, 2025 ASJM51-01	316.40		12/Jul/25	24 hours	x

NONT-2025-07-3288

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 Bacchus

REPORTING REQUIREMENTS

Summary Report only ☑
EDD ☑
Regulation

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

Client Signature: Robin Hart
Affiliation: Environmental Engineer
Date/Time: 15-Jul-25 11AM

Received by: [illegible]
Affiliation: BV labs
Date/Time: 2025/07/15 17:15

19/18/14 - ON Ice packs

C588276
2025/07/22 09:59

AIR

CAM FCD-01302 /3

BUREAU VERITAS

6740 Campobello Rd
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Toll Free: 1-800-668-0639
Phone: (905) 817-5700
Fax: (905) 817-5777

Chain of Custody Form - PUF / PAH

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

ANALYSIS REQUESTED

Field Sample ID			BV PUF ID #	Flow Regulator Serial #	Retrieval Date	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	PAHs on PUF by EPA TO13	DO NOT ANALYZE			CANISTERS NOT USED
STN29164	12-Jul-25	PUF #1	ARSJ64-01	---	14-Jul-25											X				

NONT-2025-07-4510

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: Rain Carbon Canada Inc
PO #: 32669
Bureau Veritas Quote #:
Bureau Veritas Contac: 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

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

Client Signature: Doug Cunningham DC.
Date/Time: JULY 22 2025 10:00 A.M

Received by:
Date/Time: JULY 22/25 5:15

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

C588276
2025/07/22 09:59

ROTEK Environmental

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

PAH Sample Submission Sheet

Sample Date	12-Jul-25
Project ID	Rain Carbon Canada Inc
Sampler Model	TE-1000
Site Operator	York Zhang / Robin Hart

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

Station No.	Sample Date	PUF Cartridge #	Maxxam Filter ID #	Install Date / Install Time	MAGN On (inH2O)	Removal Date / Removal Time	MAGN Off (inH2O)	Total Volume (m3)	Submission Date
STN29164	12 Jul 2025	PUF #1 ARSJ64-01	ARSJ63-01	11-Jul-25 13:00	39	02-Jul-25 11:30	37	317.3	21-Jul-25

Comment 1 :
Comment 2 :

C591252
2025/07/28 18:31

BUREAU VERITAS

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Phone: (905) 817-5700
Fax: (905) 817-5777

CHAIN OF CUSTODY FORM - AIR

ANALYSIS REQUESTI

CLIENT INFORMATION SECTION

Company Name: Rain Carbon Canada Inc.
Project Manager: Robin Hart
e-mail: robin.hart@raincarbon.com
Address: 725Strathearne Avenue
Hamilton, ON
Phone: 1-647-281-8094 Fax:
Sampled by: Robin Hart

Field Sample ID	Total Volume Sampled	Flow Rate	Collection Date	Sample Collection Time	PAHs on PUF as per ERP 7013
East Monitor PAH July 24, 2025 ASJN19-01	322.90		24/Jul/25	24 hours	x
North Monitor PAH July 24, 2025 ASJN20-01	316.40		24/Jul/25	24 hours	x
Old West Monitor PAH July 24, 2025 ASJN21-01	325.90		24/Jul/25	24 hours	x
South Monitor PAH July 24, 2025 ASJN22-01	317.00		24/Jul/25	24 hours	x
New West Monitor PAH July 24, 2025 ASJN23-01	320.00		24/Jul/25	24 hours	x

NONT-2025-07-5926

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 Bacchus

REPORTING REQUIREMENTS

Summary Report only ☑
EDD ☑
Regulation

Notes

Please note if these samples are "Industri
If submitting dustfall samples, please indicate jar opening in cm.

PROJECT SPECIFIC COMMENTS

Client Signature: Robin Hart
Affiliation: Environmental Engineer
Date/Time: 28-Jul-25 6:00 PM

Received by: Ashitha Sukumar
Affiliation: ASHITHA SUKUMAR
Date/Time: 2025/07/28 18:31

12/17/12

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C591252
2025/07/28 18:31

CAM FCD-01302 /3

Page ____ of ____

ED

l Hygiene" samples
the diameter of the

http://www.bvlabs.com/terms-and-

C592019
2025/07/29 10:58

AIR

CAM FCD-01302 /3

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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 - PUF / PAH

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 Ir
Project Manager: Paul Daszko
Address 15 Keefer Court Hamilton ON L8E 4V4
E-mail: jennifer.davies@rotekinc.com
Ph: 905 573 9533

ANALYSIS REQUESTED

Field Sample ID	BV PUF ID #	Flow Regulator Serial #	Retrieval Date	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	PAHs on PUF by EPA TO13	DO NOT ANALYZE			CANISTERS NOT USED
STN29164 24-Jul-25 PUF #1	ARSK08-01	---	28-Jul-25											X				

NONT-2025-07-6073

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: Rain Carbon Canada Inc
PO #: 32669
Bureau Veritas Quote #:
Bureau Veritas Contac: 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

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

Client Signature: Doug Cunningham
Date/Time: July 29 2025 10:40 A.M.
Received by:
Date/Time: 10:58

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C592019
2025/07/29 10:58

ROTEK Environmental

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

PAH Sample Submission Sheet

Sample Date	24-Jul-25
Project ID	Rain Carbon Canada Inc
Sampler Model	TE-1000
Site Operator	York Zhang / Robin Hart

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

Station No.	Sample Date	PUF Cartridge #	Maxxam Filter ID #	Install Date Install Time	MAGN On inH2O	Removal Date Removal Time	MAGN Off inH2O	Total Volume m3	Submission Date
STN29164	24 Jul 2025	PUF #1 ARSK08-01	ARSK07-01	23-Jul-25 14:15	37	28-Jul-25 11:30	35	309.8	29-Jul-25

Comment 1 :
Comment 2 :

16-Jul-25 08:50
Julian Tong
C585165

AM FCD-01302 /3

Page 1 1

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Fax: (905) 817-5777

Chain of Custody Form - Summa™ Ca

AM

AIR-001

INVOICE INFORMATION		REPORT INFORMATION	
Company Name:	Rain Carbon Canada Inc	**Company Name:**	Rain Carbon Canada
Contact Name:	Robin Hart	**Project Manager:**	Robin Hart
Address:	725Strathearne Avenue Hamilton, ON	**Address:**	725Strathearne Avenue Hamilton, ON
E-mail:	robin.hart@raincarbon.com	**E-mail:**	robin.hart@raincarbon.com
Ph:	1-647-281-8094	**Ph:**	1-647-281-8094
Sampled by:	Robin Hart		

Field Sample ID	Canister Serial #	Flow Regulator Serial #	Collection Date	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	Other				CANISTERS NOT USED
East Canister VOC July 12, 2025	309		12-Jul-25										X					
North Canister VOC July 12, 2025	7812		12-Jul-25										X					
Old West Canister VOC July 12, 2025	14549		12-Jul-25										X					
South Canister VOC July 12, 2025	7820		12-Jul-25										X					
New West Canister VOC July 12, 2025	18251		12-Jul-25										X					

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

Date/Time: 12/Jul/25 11:00 AM

Received by: Cindy Vong

Date/Time: 2025/07/16 08:50

PLEASE RETURN ALL UNUSED EQUIPMENT

pm

ROTEK Environmental

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

VOC Canister Sample Submission Sheet

Sample Date	12-Jul-25
Project Name	Rain Carbon Canada Inc.
Contact Name	Paul Daszko
Contact Number	905 531 2815

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

Station Number	Canister ID Number	Sample Date	Installation Date	Installation Time	Initial Pressure	Time On	Time Off	Elapsed Time	Final Pressure	Retrieval Date	Retrieval Time
		dd/mm/yy	dd/mm/yy	EST	inHg	EST	EST	Hours	inHg	dd/mm/yy	EST
STN29164	7793	12-Jul-25	08-Jul-25	14:30	-30.0	00:01	23:59	24.0	-9.0	14-Jul-25	15:50
	Comment 1 :										
	Comment 2 :										

AIR

22-Jul-25 09:59
Cristina (Maria) Bacchus
C588177
CIV AIR-001

BUREAU VERITAS

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CAM FCD-01302 /3

Summa™ Canister • Page _2__ of __2_

ANALYSIS REQUESTED

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

Field Sample ID	Canister Serial #	Flow Regulator Serial #	Retrieval Date	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference TO15	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
STN29164 12-Jul-25	7793	---	14-Jul-25										X					

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: Rain Carbon Canada Inc
PO #: 32669
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

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: Doug Cunningham DC.
Date/Time: JULY 22 2025 10:00 A.M.

Received by: MARK FLO
Date/Time: JUL 22/25 2959

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18-Jul-25 16:37

Julian Tong

C587408

AIR

C1V AIR-001

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Mississauga Ontario ,L5N 2L8
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Phone: (905) 817-5700
Fax: (905) 817-5777

Chain of Custody Form - Summa™ C

AM FCD-01302 /3

Page 1 1

INVOICE INFORMATION		REPORT INFORMATION	
Company Name:	Rain Carbon Canada Inc	Company Name:	Rain Carbon Canada
Contact Name:	Robin Hart	Project Manager:	Robin Hart
Address:	725Strathearne Avenue Hamilton, ON	Address:	725Strathearne Avenue Hamilton, ON
E-mail:	robin.hart@raincarbon.com	E-mail:	robin.hart@raincarbon.com
Ph:	1-647-281-8094	Ph:	1-647-281-8094
Sampled by:	Robin Hart		

Field Sample ID	Canister Serial #	Flow Regulator Serial #	Collection Date	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	Other	CANISTERS NOT USED
East Canister VOC July 15, 2025	305		15-Jul-25										X		
North Canister VOC July 16, 2025	27575		16-Jul-25										X		

TAT Requirement		PROJECT INFORMATION		REPORTING REQUIREMENTS		
STD 10 Business day	☑	Project #:	Rain Carbon Canada Inc.	EDD		☐
Rush 5 Business day *	☐	Name:	Robin Hart	Regulations	ON 153	☐
Rush 2 Business day *	☐	PO #:	4500625271		ON 419	☐
Rush Other *	☐	Bureau Veritas Quote #:			BC CSR	☐
* need approval from Bureau Veritas		Bureau Veritas Contact:	Cristina Bacchus	Other		
		Task Order/Line Item				

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: 17-Jul-25 5:30 PM

Date/Time: JUL 21.8 16:37

PLEASE RETURN ALL UNUSED EQUIPMENT

pm

H117818

23-Jul-25 08:40
Julian Fong
C588707
CIV AIR-001

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Fax: (905) 817-5777

Chain of Custody Form - Summa

CAM FCD-01302 /3

Page 1 1

INVOICE INFORMATION		REPORT INFORMATION	
Company Name:	Rain Carbon Canada Inc	**Company Name:**	Rain Carbon Canada
Contact Name:	Robin Hart	**Project Manager:**	Robin Hart
Address:	725 Strathearne Avenue Hamilton, ON	**Address:**	725 Strathearne Avenue Hamilton, ON
E-mail:	robin.hart@raincarbon.com	**E-mail:**	robin.hart@raincarbon.com
Ph:	1-647-281-8094	**Ph:**	1-647-281-8094
Sampled by:	Robin Hart		

Field Sample ID	Canister Serial #	Flow Regulator Serial #	Collection Date	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	Other				CANISTERS NOT USED
#1 East Canister VOC July 19, 2025	14253		19-Jul-25										X					
#2 East Canister VOC July 19, 2025	14252		19-Jul-25										X					

TAT Requirement		PROJECT INFORMATION		REPORTING REQUIREMENTS		
STD 10 Business day	☑	Project #:	Rain Carbon Canada Inc.	EDD		☐
Rush 5 Business day *	☐	Name:	Robin Hart	Regulations	ON 153	☐
Rush 2 Business day *	☐	PO #:	**4500625271**		ON 419	☐
Rush Other *	☐	Bureau Veritas Quote #:			BC CSR	☐
		Bureau Veritas Contact:	Cristina Bacchus	Other		
* need approval from Bureau Veritas		Task Order/Line Item				

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

Date/Time: 22/Jul/25 4:00 PM

Received by: Cindy Vong.

Date/Time: 2025/07/23. 08:40.

PLEASE RETURN ALL UNUSED EQUIPMENT

pm

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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

ANALYSIS REQUESTED

INVOICE INFORMATION		REPORT INFORMATION	
Company Name:	Rain Carbon Canada Inc.	**Company Name:**	Rain Carbon Canada
Contact Name:	Robin Hart	**Project Manager:**	Robin Hart
Address:	725Strathearne Avenue	**Address:**	725Strathearne Avenue
	Hamilton, ON		Hamilton, ON
E-mail:	robin.hart@raincarbon.com	**E-mail:**	robin.hart@raincarbon.com
Ph:	1-647-281-8094	**Ph:**	1-647-281-8094
Sampled by:	Robin Hart		

Field Sample ID	Canister Serial #	Flow Regulator Serial #	Collection Date	*START VACUUM (inches of Hg)*	*END VACUUM (inches of Hg)*	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	Other				CANISTERS NOT USED
East Canister #1 VOC July 24, 2025	23655		24-Jul-25										X					
North Canister VOC July 24, 2025	27659		24-Jul-25										X					
Old West Canister VOC July 24, 2025	27696		24-Jul-25										X					
South Canister VOC July 24, 2025	27589		24-Jul-25										X					
New West Canister VOC July 24, 2025	17204		24-Jul-25										X					
East Canister #2 VOC July 24, 2025	32572		24-Jul-25										X					

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

Date/Time: 28/Jul/25 6:30 PM

Received by:

Date/Time:

PLEASE RETURN ALL UNUSED EQUIPMENT

pm

ROTEK Environmental

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

VOC Canister Sample Submission Sheet

Sample Date	24-Jul-25
Project Name	Rain Carbon Canada Inc.
Contact Name	Paul Daszko
Contact Number	905 531 2815

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

Station Number	Canister ID Number	Sample Date	Installation Date	Installation Time	Initial Pressure	Time On	Time Off	Elapsed Time	Final Pressure	Retrieval Date	Retrieval Time
		dd/mm/yy	dd/mm/yy	EST	inHg	EST	EST	Hours	inHg	dd/mm/yy	EST
STN29164	23455	24-Jul-25	23-Jul-25	14:30	-30.0	00:01	23:59	24.0	-9.0	28-Jul-25	11:15

Comment 1 :	
Comment 2 :	

AIR

CAM FCD-01302 /3

BUREAU VERITAS

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www.bvlabs.com

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Phone: (905) 817-5700
Fax: (905) 817-5777

Chain of Custody Form - Summa™ Canister

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

ANALYSIS REQUESTED

Field Sample ID	Canister Serial #	Flow Regulator Serial #	Retrieval Date	START VACUUM (inches of Hg)	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB GAS	FULL LIST OF VOCs (reference 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
STN29164 24-Jul-25	23455	---	28-Jul-25										X					

29-Jul-25 10:38
Cristina (Maria) Bacchus
C591515
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: Rain Carbon Canada Inc
PO #: 32669
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

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: Doug Cunningham DC
Date/Time: July 29 2025 10:40 A.M

Received by:
Date/Time: 2025/07/29 1038

APPENDIX D

Certificates of Analysis

Your P.O. #: 4500625271
Your Project #: 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: 2025/07/25
Report #: R8582795
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C585049
Received: 2025/07/15, 17:15

Sample Matrix: Air
Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	4	2025/07/16	2025/07/16	BRL SOP-00201	
Calculated Polyaromatic Hydrocarbons	1	2025/07/16	2025/07/25	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2025/07/18	2025/07/24	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/07/16		

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.

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, Acenapthylene, Acenapthene, 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
Your Project #: 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: 2025/07/25
Report #: R8582795
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C585049
Received: 2025/07/15, 17:15

Encryption Key

Julian Tong
Project Manager Assistant
25 Jul 2025 14:34:07

Please direct all questions regarding this Certificate of Analysis to:
Julian Tong, Project Manager Assistant
Email: Julian.Tong@bureauveritas.com
Phone# (905) 817-5700

==========

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 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C585049
Report Date: 2025/07/25

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		ASZQ13	ASZQ14	ASZQ15	ASZQ16	
Sampling Date		2025/07/12	2025/07/12	2025/07/12	2025/07/12	
COC Number		N/A	N/A	N/A	N/A	
	UNITS	EAST MONITOR PAH JULY 12, 2025 ASJM47-01	NORTH MONITOR PAH JULY 12, 2025 ASJM48-01	OLD WEST MONITOR PAH JULY 12, 2025 ASJM49-01	SOUTH MONITOR PAH JULY 12, 2025 ASJM50-01	QC Batch
Volume	m3	318.1	315.4	310.8	299.0	ONSITE

QC Batch = Quality Control Batch

Bureau Veritas ID		ASZQ17	
Sampling Date		2025/07/12	
COC Number		N/A	
	UNITS	NEW WEST MONITOR PAH JULY 12, 2025 ASJM51-01	QC Batch
Volume	m3	316.4	ONSITE

QC Batch = Quality Control Batch

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Bureau Veritas Job #: C585049
Report Date: 2025/07/25

RAIN CARBON Canada Inc.
Client Project #: RAIN CARBON CANADA INC.
Your P.O. #: 4500625271
Sampler Initials: RH

SEMI-VOLATILE ORGANICS BY GC-MS (AIR)

Bureau Veritas ID		ASZQ13	ASZQ14	ASZQ15	ASZQ16		
Sampling Date		2025/07/12	2025/07/12	2025/07/12	2025/07/12		
COC Number		N/A	N/A	N/A	N/A		
	UNITS	EAST MONITOR PAH JULY 12, 2025 ASJM47-01	NORTH MONITOR PAH JULY 12, 2025 ASJM48-01	OLD WEST MONITOR PAH JULY 12, 2025 ASJM49-01	SOUTH MONITOR PAH JULY 12, 2025 ASJM50-01	RDL	QC Batch
Semivolatile Organics							
Benzo(a)pyrene	ug	0.10	<0.10	<0.10	<0.10	0.10	9972466
Surrogate Recovery (%)							
D10-2-Methylnaphthalene	%	88	80	78	86		9972466
D10-Anthracene	%	84	74	82	90		9972466
D10-Fluoranthene	%	100	86	102	112		9972466
D10-Fluorene (FS)	%	86	68	84	94		9972466
D10-Phenanthrene	%	100	86	96	106		9972466
D12-Benzo(a)anthracene	%	98	102	102	104		9972466
D12-Benzo(a)pyrene	%	72	72	72	76		9972466
D12-Benzo(b)fluoranthene	%	100	104	90	100		9972466
D12-Benzo(ghi)perylene	%	98	100	98	102		9972466
D12-Benzo(k)fluoranthene	%	104	96	106	108		9972466
D12-Chrysene	%	104	102	102	104		9972466
D12-Indeno(1,2,3-cd)pyrene	%	98	100	98	100		9972466
D12-Perylene	%	96	94	94	98		9972466
D14-Dibenzo(a,h)anthracene	%	98	100	98	100		9972466
D14-Terphenyl (FS)	%	100	86	100	108		9972466
D8-Acenaphthylene	%	96	80	84	90		9972466
D8-Naphthalene	%	76	82	66	70		9972466

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY GC-MS (AIR)

Bureau Veritas ID		ASZQ17		
Sampling Date		2025/07/12		
COC Number		N/A		
	UNITS	NEW WEST MONITOR PAH JULY 12, 2025 ASJM51-01	RDL	QC Batch
Semivolatile Organics				
Benzo(a)pyrene	ug	<0.10	0.10	9972466
Surrogate Recovery (%)				
D10-2-Methylnaphthalene	%	78		9972466
D10-Anthracene	%	76		9972466
D10-Fluoranthene	%	92		9972466
D10-Fluorene (FS)	%	20 (1)		9972466
D10-Phenanthrene	%	88		9972466
D12-Benzo(a)anthracene	%	108		9972466
D12-Benzo(a)pyrene	%	74		9972466
D12-Benzo(b)fluoranthene	%	94		9972466
D12-Benzo(ghi)perylene	%	104		9972466
D12-Benzo(k)fluoranthene	%	112		9972466
D12-Chrysene	%	108		9972466
D12-Indeno(1,2,3-cd)pyrene	%	104		9972466
D12-Perylene	%	98		9972466
D14-Dibenzo(a,h)anthracene	%	104		9972466
D14-Terphenyl (FS)	%	90		9972466
D8-Acenaphthylene	%	86		9972466
D8-Naphthalene	%	76		9972466

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.

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Bureau Veritas Job #: C585049
Report Date: 2025/07/25

RAIN CARBON Canada Inc.
Client Project #: RAIN CARBON CANADA INC.
Your P.O. #: 4500625271
Sampler Initials: RH

CALCULATED SEMIVOLATILE ORGANICS (AIR)

Bureau Veritas ID		ASZQ13		ASZQ14	ASZQ15		
Sampling Date		2025/07/12		2025/07/12	2025/07/12		
COC Number		N/A		N/A	N/A		
	UNITS	EAST MONITOR PAH JULY 12, 2025 ASJM47-01	RDL	NORTH MONITOR PAH JULY 12, 2025 ASJM48-01	OLD WEST MONITOR PAH JULY 12, 2025 ASJM49-01	RDL	QC Batch
Calculated Parameters							
Benzo(a)pyrene	ug/m3	0.00031	0.00031	<0.00032	<0.00032	0.00032	9970697

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas ID		ASZQ16		ASZQ17		
Sampling Date		2025/07/12		2025/07/12		
COC Number		N/A		N/A		
	UNITS	SOUTH MONITOR PAH JULY 12, 2025 ASJM50-01	RDL	NEW WEST MONITOR PAH JULY 12, 2025 ASJM51-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	<0.00033	0.00033	<0.00032	0.00032	9970697

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

GENERAL COMMENTS

Results relate only to the items tested.

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C585049
Report Date: 2025/07/25

RAIN CARBON Canada Inc.
Client Project #: RAIN CARBON CANADA INC.
Your P.O. #: 4500625271
Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9972466	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/07/24		62	%	50 - 150
			D10-Fluoranthene	2025/07/24		96	%	50 - 150
			D10-Phenanthrene	2025/07/24		84	%	50 - 150
			D12-Benzo(a)anthracene	2025/07/24		94	%	50 - 150
			D12-Benzo(a)pyrene	2025/07/24		74	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/07/24		106	%	50 - 150
			D12-Benzo(ghi)perylene	2025/07/24		98	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/07/24		90	%	50 - 150
			D12-Chrysene	2025/07/24		96	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/07/24		96	%	50 - 150
			D12-Perylene	2025/07/24		96	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/07/24		94	%	50 - 150
			D8-Acenaphthylene	2025/07/24		68	%	50 - 150
			D8-Naphthalene	2025/07/24		58	%	50 - 150
			Benzo(a)pyrene	2025/07/24		88	%	50 - 150
9972466	MPQ	RPD	Benzo(a)pyrene	2025/07/24	5.6		%	50
9972466	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/07/24		80	%	50 - 150
			D10-Fluoranthene	2025/07/24		102	%	50 - 150
			D10-Phenanthrene	2025/07/24		92	%	50 - 150
			D12-Benzo(a)anthracene	2025/07/24		100	%	50 - 150
			D12-Benzo(a)pyrene	2025/07/24		76	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/07/24		98	%	50 - 150
			D12-Benzo(ghi)perylene	2025/07/24		100	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/07/24		106	%	50 - 150
			D12-Chrysene	2025/07/24		102	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/07/24		100	%	50 - 150
			D12-Perylene	2025/07/24		98	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/07/24		98	%	50 - 150
			D8-Acenaphthylene	2025/07/24		86	%	50 - 150
			D8-Naphthalene	2025/07/24		76	%	50 - 150
			Benzo(a)pyrene	2025/07/24	<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.

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Bureau Veritas Job #: C585049
Report Date: 2025/07/25

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:

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

Cristina Bacchus, Project Manager

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Your P.O. #: 32669
Your Project #: 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: 2025/07/31
Report #: R8586486
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C588276
Received: 2025/07/22, 09:59

Sample Matrix: Air
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	1	2025/07/22	2025/07/31	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2025/07/24	2025/07/29	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	1	N/A	2025/07/22		

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.

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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.

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, Acenapthylene, Acenapthene, 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.

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Your P.O. #: 32669
Your Project #: 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: 2025/07/31
Report #: R8586486
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C588276
Received: 2025/07/22, 09:59

Encryption Key

Bureau Veritas
31 Jul 2025 17:28:05

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 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C588276
Report Date: 2025/07/31

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RE

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATFW72	
Sampling Date		2025/07/12	
COC Number		N/A	
	UNITS	**STN29164 12-JULY-25 PUF# 1**	**QC Batch**
Volume	m3	317.3	ONSITE
QC Batch = Quality Control Batch			

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RE

SEMI-VOLATILE ORGANICS BY GC-MS (AIR)

Bureau Veritas ID		ATFW72		
Sampling Date		2025/07/12		
COC Number		N/A		
	UNITS	**STN29164 12-JULY-25 PUF# 1**	**RDL**	**QC Batch**
Semivolatile Organics				
Benzo(a)pyrene	ug	<0.10	0.10	9976011
Surrogate Recovery (%)				
D10-2-Methylnaphthalene	%	88		9976011
D10-Fluoranthene	%	108		9976011
D10-Fluorene (FS)	%	50		9976011
D10-Phenanthrene	%	110		9976011
D12-Benzo(a)pyrene	%	78		9976011
D12-Benzo(b)fluoranthene	%	106		9976011
D12-Benzo(ghi)perylene	%	100		9976011
D12-Benzo(k)fluoranthene	%	98		9976011
D12-Chrysene	%	106		9976011
D12-Indeno(1,2,3-cd)pyrene	%	96		9976011
D12-Perylene	%	98		9976011
D14-Dibenzo(a,h)anthracene	%	94		9976011
D14-Terphenyl (FS)	%	104		9976011
D8-Acenaphthylene	%	96		9976011
D8-Naphthalene	%	84		9976011

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RE

CALCULATED SEMIVOLATILE ORGANICS (AIR)

Bureau Veritas ID		ATFW72		
Sampling Date		2025/07/12		
COC Number		N/A		
	UNITS	**STN29164 12-JULY-25 PUF# 1**	**RDL**	**QC Batch**
Calculated Parameters				
Benzo(a)pyrene	ng/m3	<0.32	0.32	9974725

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

GENERAL COMMENTS

Samples extracted past method recommended hold time. Proceeded with client consent.

SEMI-VOLATILE ORGANICS BY GC-MS (AIR)

PAH's in MM5 SamplingTrains (CARB429mod): Samples received past hold time. Proceeded with analysis as per client consent.

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9976011	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/07/29		60	%	50 - 150
			D10-Fluoranthene	2025/07/29		82	%	50 - 150
			D10-Phenanthrene	2025/07/29		74	%	50 - 150
			D12-Benzo(a)pyrene	2025/07/29		66	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/07/29		84	%	50 - 150
			D12-Benzo(ghi)perylene	2025/07/29		88	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/07/29		80	%	50 - 150
			D12-Chrysene	2025/07/29		84	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/07/29		82	%	50 - 150
			D12-Perylene	2025/07/29		84	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/07/29		76	%	50 - 150
			D8-Acenaphthylene	2025/07/29		62	%	50 - 150
			D8-Naphthalene	2025/07/29		60	%	50 - 150
			Benzo(a)pyrene	2025/07/29		78	%	50 - 150
9976011	MPQ	RPD	Benzo(a)pyrene	2025/07/29	12		%	50
9976011	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/07/29		96	%	50 - 150
			D10-Fluoranthene	2025/07/29		94	%	50 - 150
			D10-Phenanthrene	2025/07/29		98	%	50 - 150
			D12-Benzo(a)pyrene	2025/07/29		72	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/07/29		92	%	50 - 150
			D12-Benzo(ghi)perylene	2025/07/29		90	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/07/29		92	%	50 - 150
			D12-Chrysene	2025/07/29		92	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/07/29		84	%	50 - 150
			D12-Perylene	2025/07/29		94	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/07/29		76	%	50 - 150
			D8-Acenaphthylene	2025/07/29		98	%	50 - 150
			D8-Naphthalene	2025/07/29		98	%	50 - 150
			Benzo(a)pyrene	2025/07/29	<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.

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Bureau Veritas Job #: C588276
Report Date: 2025/07/31

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RE

VALIDATION SIGNATURE PAGE

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

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

Cristina Bacchus

Cristina (Maria) Bacchus, Project Manager

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

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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: 2025/08/11
Report #: R8591325
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C591252
Received: 2025/07/28, 18:31

Sample Matrix: Puf And Filter
Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	5	2025/07/29	2025/07/29	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2025/07/31	2025/08/06	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/07/29		

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.

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, Acenapthylene, Acenapthene, 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

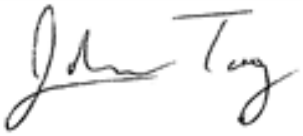
RAIN CARBON Canada Inc.
725 Strathearne Ave North
Hamilton, ON
CANADA L8H 5L3

Report Date: 2025/08/11
Report #: R8591325
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C591252
Received: 2025/07/28, 18:31

Encryption Key



Julian Tong
Project Manager Assistant
11 Aug 2025 15:15:53

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 Job #: C591252
Report Date: 2025/08/11

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		ATLW91	ATLW92	ATLW93	ATLW94	
Sampling Date		2025/07/24	2025/07/24	2025/07/24	2025/07/24	
COC Number		N/A	N/A	N/A	N/A	
	UNITS	EAST MONITOR PAH JULY24, 2025 ASJN19-01	NORTH MONITOR PAH JULY24, 2025 ASJN20-01	OLD WEST MONITOR PAH JULY24, 2025 ASJN21-01	SOUTH MONITOR PAH JULY24, 2025 ASJN22-01	QC Batch
Volume	m3	322.9	316.4	325.9	317.0	ONSITE

QC Batch = Quality Control Batch

Bureau Veritas ID		ATLW95	
Sampling Date		2025/07/24	
COC Number		N/A	
	UNITS	NEW WEST MONITOR PAH JULY24, 2025 ASJN23-01	QC Batch
Volume	m3	320.0	ONSITE

QC Batch = Quality Control Batch

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Bureau Veritas Job #: C591252
Report Date: 2025/08/11

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		ATLW91	ATLW92	ATLW93	ATLW94		
Sampling Date		2025/07/24	2025/07/24	2025/07/24	2025/07/24		
COC Number		N/A	N/A	N/A	N/A		
	UNITS	EAST MONITOR PAH JULY24, 2025 ASJN19-01	NORTH MONITOR PAH JULY24, 2025 ASJN20-01	OLD WEST MONITOR PAH JULY24, 2025 ASJN21-01	SOUTH MONITOR PAH JULY24, 2025 ASJN22-01	RDL	QC Batch
Semivolatile Organics							
Benzo(a)pyrene	ug	0.32	0.38	0.14	<0.10	0.10	9980844
Surrogate Recovery (%)							
D10-2-Methylnaphthalene	%	88	94	78	78		9980844
D10-Anthracene	%	78	86	76	80		9980844
D10-Fluoranthene	%	90	104	88	96		9980844
D10-Phenanthrene	%	94	104	92	98		9980844
D12-Benzo(a)anthracene	%	96	94	90	94		9980844
D12-Benzo(a)pyrene	%	86	84	76	84		9980844
D12-Benzo(b)fluoranthene	%	114	112	94	98		9980844
D12-Benzo(ghi)perylene	%	108	108	102	108		9980844
D12-Benzo(k)fluoranthene	%	98	98	102	110		9980844
D12-Chrysene	%	112	110	104	110		9980844
D12-Indeno(1,2,3-cd)pyrene	%	108	108	100	106		9980844
D12-Perylene	%	106	106	94	104		9980844
D14-Dibenzo(a,h)anthracene	%	108	110	100	106		9980844
D14-Terphenyl (FS)	%	84	96	84	88		9980844
D8-Acenaphthylene	%	84	4.0 (1)	80	84		9980844
D8-Naphthalene	%	130	146	88	82		9980844

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.

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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		ATLW95		
Sampling Date		2025/07/24		
COC Number		N/A		
	UNITS	**NEW WEST MONITOR PAH JULY24, 2025 ASJN23-01**	**RDL**	**QC Batch**
Semivolatile Organics				
Benzo(a)pyrene	ug	0.54	0.10	9980844
Surrogate Recovery (%)				
D10-2-Methylnaphthalene	%	132		9980844
D10-Anthracene	%	118		9980844
D10-Fluoranthene	%	136		9980844
D10-Phenanthrene	%	144		9980844
D12-Benzo(a)anthracene	%	92		9980844
D12-Benzo(a)pyrene	%	82		9980844
D12-Benzo(b)fluoranthene	%	98		9980844
D12-Benzo(ghi)perylene	%	104		9980844
D12-Benzo(k)fluoranthene	%	106		9980844
D12-Chrysene	%	106		9980844
D12-Indeno(1,2,3-cd)pyrene	%	104		9980844
D12-Perylene	%	104		9980844
D14-Dibenzo(a,h)anthracene	%	106		9980844
D14-Terphenyl (FS)	%	122		9980844
D8-Acenaphthylene	%	132		9980844
D8-Naphthalene	%	160 (1)		9980844

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 Job #: C591252
Report Date: 2025/08/11

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		ATLW91		ATLW92		ATLW93		
Sampling Date		2025/07/24		2025/07/24		2025/07/24		
COC Number		N/A		N/A		N/A		
	UNITS	EAST MONITOR PAH JULY24, 2025 ASJN19-01	RDL	NORTH MONITOR PAH JULY24, 2025 ASJN20-01	RDL	OLD WEST MONITOR PAH JULY24, 2025 ASJN21-01	RDL	QC Batch
Calculated Parameters								
Benzo(a)pyrene	ug/m3	0.00099	0.00031	0.00120	0.00032	0.00043	0.00031	9979280

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas ID		ATLW94		ATLW95		
Sampling Date		2025/07/24		2025/07/24		
COC Number		N/A		N/A		
	UNITS	SOUTH MONITOR PAH JULY24, 2025 ASJN22-01	RDL	NEW WEST MONITOR PAH JULY24, 2025 ASJN23-01	RDL	QC Batch
Calculated Parameters						
Benzo(a)pyrene	ug/m3	<0.00032	0.00032	0.00169	0.00031	9979280

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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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 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C591252
Report Date: 2025/08/11

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
9980844	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/08/06		84	%	50 - 150
			D10-Fluoranthene	2025/08/06		102	%	50 - 150
			D10-Phenanthrene	2025/08/06		92	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/06		86	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/06		100	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/06		108	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/06		108	%	50 - 150
			D12-Chrysene	2025/08/06		106	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/06		106	%	50 - 150
			D12-Perylene	2025/08/06		108	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/06		104	%	50 - 150
			D8-Acenaphthylene	2025/08/06		88	%	50 - 150
			D8-Naphthalene	2025/08/06		86	%	50 - 150
			Benzo(a)pyrene	2025/08/06		103	%	50 - 150
9980844	MPQ	RPD	Benzo(a)pyrene	2025/08/06	0		%	50
9980844	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/08/06		86	%	50 - 150
			D10-Fluoranthene	2025/08/06		100	%	50 - 150
			D10-Phenanthrene	2025/08/06		90	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/06		82	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/06		92	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/06		102	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/06		102	%	50 - 150
			D12-Chrysene	2025/08/06		100	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/06		100	%	50 - 150
			D12-Perylene	2025/08/06		104	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/06		96	%	50 - 150
			D8-Acenaphthylene	2025/08/06		90	%	50 - 150
			D8-Naphthalene	2025/08/06		88	%	50 - 150
			Benzo(a)pyrene	2025/08/06	<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.

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Bureau Veritas Job #: C591252
Report Date: 2025/08/11

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:

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

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Your P.O. #: 32669
Your Project #: 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: 2025/08/11
Report #: R8591327
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C592019
Received: 2025/07/29, 10:58

Sample Matrix: Puf And Filter
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	1	2025/07/30	2025/07/30	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2025/07/31	2025/08/06	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	1	N/A	2025/07/30		

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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, Acenapthylene, Acenapthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (k) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Your P.O. #: 32669
Your Project #: 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: 2025/08/11
Report #: R8591327
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C592019
Received: 2025/07/29, 10:58

Encryption Key

Bureau Veritas
11 Aug 2025 15:07:55

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 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C592019
Report Date: 2025/08/11

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC.
Your P.O. #: 32669
Sampler Initials: RH

RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		ATNH80	
Sampling Date		2025/07/28	
COC Number		N/A	
	UNITS	**ARSK08-01**	**QC Batch**
Volume	m3	309.8	ONSITE
QC Batch = Quality Control Batch			

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Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC.
Your P.O. #: 32669
Sampler Initials: RH

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

Bureau Veritas ID		ATNH80		
Sampling Date		2025/07/28		
COC Number		N/A		
	UNITS	ARSK08-01	RDL	QC Batch
Semivolatile Organics				
Benzo(a)pyrene	ug	<0.10	0.10	9980844
Surrogate Recovery (%)				
D10-2-Methylnaphthalene	%	96		9980844
D10-Anthracene	%	90		9980844
D10-Fluoranthene	%	108		9980844
D10-Phenanthrene	%	110		9980844
D12-Benzo(a)anthracene	%	92		9980844
D12-Benzo(a)pyrene	%	84		9980844
D12-Benzo(b)fluoranthene	%	100		9980844
D12-Benzo(ghi)perylene	%	108		9980844
D12-Benzo(k)fluoranthene	%	108		9980844
D12-Chrysene	%	108		9980844
D12-Indeno(1,2,3-cd)pyrene	%	106		9980844
D12-Perylene	%	106		9980844
D14-Dibenzo(a,h)anthracene	%	106		9980844
D14-Terphenyl (FS)	%	100		9980844
D8-Acenaphthylene	%	98		9980844
D8-Naphthalene	%	96		9980844

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		ATNH80		
Sampling Date		2025/07/28		
COC Number		N/A		
	UNITS	**ARSK08-01**	**RDL**	**QC Batch**
Calculated Parameters				
Benzo(a)pyrene	ng/m3	<0.32	0.32	9980153

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

GENERAL COMMENTS

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9980844	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/08/06		84	%	50 - 150
			D10-Fluoranthene	2025/08/06		102	%	50 - 150
			D10-Phenanthrene	2025/08/06		92	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/06		86	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/06		100	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/06		108	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/06		108	%	50 - 150
			D12-Chrysene	2025/08/06		106	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/06		106	%	50 - 150
			D12-Perylene	2025/08/06		108	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/06		104	%	50 - 150
			D8-Acenaphthylene	2025/08/06		88	%	50 - 150
			D8-Naphthalene	2025/08/06		86	%	50 - 150
			Benzo(a)pyrene	2025/08/06		103	%	50 - 150
9980844	MPQ	RPD	Benzo(a)pyrene	2025/08/06	0		%	50
9980844	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/08/06		86	%	50 - 150
			D10-Fluoranthene	2025/08/06		100	%	50 - 150
			D10-Phenanthrene	2025/08/06		90	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/06		82	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/06		92	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/06		102	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/06		102	%	50 - 150
			D12-Chrysene	2025/08/06		100	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/06		100	%	50 - 150
			D12-Perylene	2025/08/06		104	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/06		96	%	50 - 150
			D8-Acenaphthylene	2025/08/06		90	%	50 - 150
			D8-Naphthalene	2025/08/06		88	%	50 - 150
			Benzo(a)pyrene	2025/08/06	<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.

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Bureau Veritas Job #: C592019
Report Date: 2025/08/11

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC.
Your P.O. #: 32669
Sampler Initials: RH

VALIDATION SIGNATURE PAGE

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

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

Cristina Bacchus

Cristina (Maria) Bacchus, Project Manager

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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: 2025/07/29
Report #: R8584545
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C585165
Received: 2025/07/16, 08:50

Sample Matrix: Air
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	3	N/A	2025/07/28	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	3	N/A	2025/07/28	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.

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

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

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

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: 2025/07/29
Report #: R8584545
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C585165
Received: 2025/07/16, 08:50

Encryption Key

Julian Tong
Project Manager Assistant
29 Jul 2025 16:39:42

Please direct all questions regarding this Certificate of Analysis to:
Julian Tong, Project Manager Assistant
Email: Julian.Tong@bureauveritas.com
Phone# (905) 817-5700

==========

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Bureau Veritas Job #: C585165
Report Date: 2025/07/29

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		ASZW71	ASZW72	ASZW73	
Sampling Date		2025/07/12	2025/07/12	2025/07/12	
COC Number		na	na	na	
	UNITS	OLD WEST CANISTER VOC JULY 12, 2025	SOUTH CANISTER VOC JULY 12, 2025	NEW WEST CANISTER VOC JULY 12, 2025	QC Batch
Volatile Organics					
Pressure on Receipt	psig	(-5.1)	(-6.2)	(-4.0)	9978273
QC Batch = Quality Control Batch					

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Bureau Veritas Job #: C585165
Report Date: 2025/07/29

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		ASZW71				ASZW72				
Sampling Date		2025/07/12				2025/07/12				
COC Number		na				na				
	UNITS	OLD WEST CANISTER VOC JULY 12, 2025	RDL	ug/m3	DL (ug/m3)	SOUTH CANISTER VOC JULY 12, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics										
Benzene	ppbv	1.29	0.10	4.11	0.319	<0.17	0.17	<0.543	0.543	9977870
Surrogate Recovery (%)										
Bromochloromethane	%	86		N/A	N/A	95		N/A	N/A	9977870
D5-Chlorobenzene	%	87		N/A	N/A	91		N/A	N/A	9977870
Difluorobenzene	%	84		N/A	N/A	94		N/A	N/A	9977870

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Bureau Veritas ID		ASZW73			ASZW73				
Sampling Date		2025/07/12			2025/07/12				
COC Number		na			na				
	UNITS	NEW WEST CANISTER VOC JULY 12, 2025	ug/m3	DL (ug/m3)	NEW WEST CANISTER VOC JULY 12, 2025 Lab-Dup	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics									
Benzene	ppbv	1.27	4.06	0.319	1.27	0.10	4.04	0.319	9977870
Surrogate Recovery (%)									
Bromochloromethane	%	91	N/A	N/A	85		N/A	N/A	9977870
D5-Chlorobenzene	%	87	N/A	N/A	86		N/A	N/A	9977870
Difluorobenzene	%	88	N/A	N/A	84		N/A	N/A	9977870

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

GENERAL COMMENTS

Sample ASZW72 [SOUTH CANISTER VOC JULY 12, 2025] : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.

Results relate only to the items tested.

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C585165
Report Date: 2025/07/29

RAIN CARBON Canada Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 4500625271
Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9977870	NS2	Spiked Blank	Bromochloromethane	2025/07/28		103	%	60 - 140
			D5-Chlorobenzene	2025/07/28		102	%	60 - 140
			Difluorobenzene	2025/07/28		101	%	60 - 140
			Benzene	2025/07/28		89	%	70 - 130
9977870	NS2	Method Blank	Bromochloromethane	2025/07/28		103	%	60 - 140
			D5-Chlorobenzene	2025/07/28		96	%	60 - 140
			Difluorobenzene	2025/07/28		103	%	60 - 140
			Benzene	2025/07/28	<0.10		ppbv	
9977870	NS2	RPD [ASZW73-01]	Benzene	2025/07/28	0.32		%	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.

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Bureau Veritas Job #: C585165
Report Date: 2025/07/29

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

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

Attention: Ruetgers list

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

Report Date: 2025/08/05
Report #: R8587642
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C588177
Received: 2025/07/22, 09:59

Sample Matrix: Air
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/07/31	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/07/31	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.

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

Attention: Ruetgers list

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

Report Date: 2025/08/05
Report #: R8587642
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C588177
Received: 2025/07/22, 09:59

Encryption Key

Bureau Veritas
05 Aug 2025 08:54:37

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 Job #: C588177
Report Date: 2025/08/05

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RE

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATFR13	
Sampling Date		2025/07/12	
COC Number		na	
	UNITS	**STN29164 12-JUL-25**	**QC Batch**
Volatile Organics			
Pressure on Receipt	psig	(-3.7)	9980895
QC Batch = Quality Control Batch			

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RE

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		ATFR13				
Sampling Date		2025/07/12				
COC Number		na				
	UNITS	STN29164 12-JUL-25	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics						
Benzene	ppbv	0.27	0.10	0.876	0.319	9980756
Surrogate Recovery (%)						
Bromochloromethane	%	85		N/A	N/A	9980756
D5-Chlorobenzene	%	82		N/A	N/A	9980756
Difluorobenzene	%	85		N/A	N/A	9980756

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

GENERAL COMMENTS

Results relate only to the items tested.

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C588177
Report Date: 2025/08/05

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RE

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9980756	LSY	Spiked Blank	Bromochloromethane	2025/07/31		104	%	60 - 140
			D5-Chlorobenzene	2025/07/31		104	%	60 - 140
			Difluorobenzene	2025/07/31		105	%	60 - 140
			Benzene	2025/07/31		96	%	70 - 130
9980756	LSY	Method Blank	Bromochloromethane	2025/07/31		104	%	60 - 140
			D5-Chlorobenzene	2025/07/31		100	%	60 - 140
			Difluorobenzene	2025/07/31		108	%	60 - 140
			Benzene	2025/07/31	<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.

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Bureau Veritas Job #: C588177
Report Date: 2025/08/05

Rotek Environmental Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RE

VALIDATION SIGNATURE PAGE

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

Anke Macfarlane, Laboratory Manager, VOC

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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: 2025/07/31
Report #: R8586094
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C587408
Received: 2025/07/18, 16:37

Sample Matrix: Air
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/07/28	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/07/28	BRL SOP-00304	EPA TO-15 m

Remarks:

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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.

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: 2025/07/31
Report #: R8586094
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C587408
Received: 2025/07/18, 16:37

Encryption Key

Cristina (Maria) Bacchus
Project Manager
31 Jul 2025 15:35:01

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 Job #: C587408
Report Date: 2025/07/31

RAIN CARBON Canada Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 4500625271

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATEF65	
Sampling Date		2025/07/16	
COC Number		NA	
	UNITS	NORTH CANISTER VOC JULY 16, 2025	QC Batch
Volatile Organics			
Pressure on Receipt	psig	(-4.9)	9978416
QC Batch = Quality Control Batch			

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VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		ATEF65				
Sampling Date		2025/07/16				
COC Number		NA				
	UNITS	**NORTH CANISTER VOC JULY 16, 2025**	**RDL**	**ug/m3**	**DL (ug/m3)**	**QC Batch**
Volatile Organics						
Benzene	ppbv	26.4	0.10	84.2	0.319	9978216
Surrogate Recovery (%)						
Bromochloromethane	%	87		N/A	N/A	9978216
D5-Chlorobenzene	%	87		N/A	N/A	9978216
Difluorobenzene	%	87		N/A	N/A	9978216

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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GENERAL COMMENTS

Results relate only to the items tested.

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Bureau Veritas Job #: C587408
Report Date: 2025/07/31

RAIN CARBON Canada Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 4500625271

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9978216	YYA	Spiked Blank	Bromochloromethane	2025/07/28		103	%	60 - 140
			D5-Chlorobenzene	2025/07/28		100	%	60 - 140
			Difluorobenzene	2025/07/28		105	%	60 - 140
			Benzene	2025/07/28		87	%	70 - 130
9978216	YYA	Method Blank	Bromochloromethane	2025/07/28		97	%	60 - 140
			D5-Chlorobenzene	2025/07/28		97	%	60 - 140
			Difluorobenzene	2025/07/28		100	%	60 - 140
			Benzene	2025/07/28	<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.

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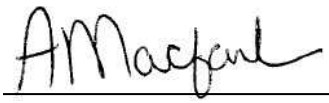
VALIDATION SIGNATURE PAGE

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



Anke Macfarlane, Laboratory Manager, VOC

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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: 2025/08/06
Report #: R8588426
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C588707
Received: 2025/07/23, 08:40

Sample Matrix: Air
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/08/01	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/08/01	BRL SOP-00304	EPA TO-15 m

Remarks:

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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.
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.

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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: 2025/08/06
Report #: R8588426
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C588707
Received: 2025/07/23, 08:40

Encryption Key

Cristina (Maria) Bacchus
Project Manager
06 Aug 2025 15:22:25

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 Job #: C588707
Report Date: 2025/08/06

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		ATGR16	
Sampling Date		2025/07/19	
COC Number		na	
	UNITS	**#1 EAST CANISTER VOC JULY 19, 2025**	**QC Batch**
Volatile Organics			
Pressure on Receipt	psig	(-6.3)	9980895
QC Batch = Quality Control Batch			

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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		ATGR16				
Sampling Date		2025/07/19				
COC Number		na				
	UNITS	**#1 EAST CANISTER VOC JULY 19, 2025**	**RDL**	**ug/m3**	**DL (ug/m3)**	**QC Batch**
Volatile Organics						
Benzene	ppbv	4.07	0.18	13.0	0.575	9980756
Surrogate Recovery (%)						
Bromochloromethane	%	92		N/A	N/A	9980756
D5-Chlorobenzene	%	93		N/A	N/A	9980756
Difluorobenzene	%	94		N/A	N/A	9980756

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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GENERAL COMMENTS

Sample ATGR16 [#1 EAST CANISTER VOC JULY 19, 2025] : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.

Results relate only to the items tested.

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Bureau Veritas Job #: C588707
Report Date: 2025/08/06

RAIN CARBON Canada Inc.
Client Project #: RAIN CARBON CANADA INC
Your P.O. #: 4500625271
Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9980756	LSY	Spiked Blank	Bromochloromethane	2025/07/31		104	%	60 - 140
			D5-Chlorobenzene	2025/07/31		104	%	60 - 140
			Difluorobenzene	2025/07/31		105	%	60 - 140
			Benzene	2025/07/31		96	%	70 - 130
9980756	LSY	Method Blank	Bromochloromethane	2025/07/31		104	%	60 - 140
			D5-Chlorobenzene	2025/07/31		100	%	60 - 140
			Difluorobenzene	2025/07/31		108	%	60 - 140
			Benzene	2025/07/31	<0.10		ppbv	

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Bureau Veritas Job #: C588707
Report Date: 2025/08/06

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

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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: 2025/08/11
Report #: R8591112
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C591274
Received: 2025/07/28, 17:45

Sample Matrix: Air
Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	5	N/A	2025/08/06	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	5	N/A	2025/08/06	BRL SOP-00304	EPA TO-15 m

Remarks:

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

Attention: Robin Hart

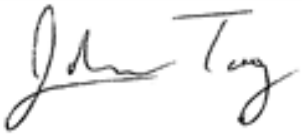
RAIN CARBON Canada Inc.
725 Strathearne Ave North
Hamilton, ON
CANADA L8H 5L3

Report Date: 2025/08/11
Report #: R8591112
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C591274
Received: 2025/07/28, 17:45

Encryption Key



Julian Tong
Project Manager Assistant
11 Aug 2025 12:46:12

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 Job #: C591274
Report Date: 2025/08/11

RAIN CARBON Canada Inc.
Site Location: RAIN CARBON CANADA INC
Your P.O. #: 4500625271
Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATLX87	ATLX88	ATLX89	ATLX90	
Sampling Date		2025/07/24	2025/07/24	2025/07/24	2025/07/24	
COC Number		na	na	na	na	
	UNITS	NORTH CANISTER VOC JULY 24, 2025	OLD WEST CANISTER JULY 24, 2025	SOUTH WEST CANISTER JULY 24, 2025	NEW WEST CANISTER VOC JULY 24, 2025	QC Batch
Volatile Organics						
Pressure on Receipt	psig	(-4.5)	(-5.2)	(-6.1)	(-4.4)	9984047
QC Batch = Quality Control Batch						

Bureau Veritas ID		ATLX91	
Sampling Date		2025/07/24	
COC Number		na	
	UNITS	EAST CANISTER #2 VOC JULY 24, 2025	QC Batch
Volatile Organics			
Pressure on Receipt	psig	(-4.2)	9984047
QC Batch = Quality Control Batch			

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C591274
Report Date: 2025/08/11

RAIN CARBON Canada Inc.
Site Location: RAIN CARBON CANADA INC
Your P.O. #: 4500625271
Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		ATLX87			ATLX88				
Sampling Date		2025/07/24			2025/07/24				
COC Number		na			na				
	UNITS	NORTH CANISTER VOC JULY 24, 2025	ug/m3	DL (ug/m3)	OLD WEST CANISTER JULY 24, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics									
Benzene	ppbv	11.5	36.7	0.319	0.74	0.10	2.35	0.319	9983616
Surrogate Recovery (%)									
Bromochloromethane	%	89	N/A	N/A	88		N/A	N/A	9983616
D5-Chlorobenzene	%	87	N/A	N/A	85		N/A	N/A	9983616
Difluorobenzene	%	84	N/A	N/A	84		N/A	N/A	9983616

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Bureau Veritas ID		ATLX89				ATLX90				
Sampling Date		2025/07/24				2025/07/24				
COC Number		na				na				
	UNITS	SOUTH WEST CANISTER JULY 24, 2025	RDL	ug/m3	DL (ug/m3)	NEW WEST CANISTER VOC JULY 24, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics										
Benzene	ppbv	0.43	0.17	1.39	0.543	0.48	0.10	1.52	0.319	9983616
Surrogate Recovery (%)										
Bromochloromethane	%	88		N/A	N/A	86		N/A	N/A	9983616
D5-Chlorobenzene	%	80		N/A	N/A	78		N/A	N/A	9983616
Difluorobenzene	%	86		N/A	N/A	82		N/A	N/A	9983616

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Bureau Veritas Job #: C591274
Report Date: 2025/08/11

RAIN CARBON Canada Inc.
Site Location: RAIN CARBON CANADA INC
Your P.O. #: 4500625271
Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		ATLX91				
Sampling Date		2025/07/24				
COC Number		na				
	UNITS	EAST CANISTER #2 VOC JULY 24, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics						
Benzene	ppbv	6.20	0.10	19.8	0.319	9983616
Surrogate Recovery (%)						
Bromochloromethane	%	84		N/A	N/A	9983616
D5-Chlorobenzene	%	77		N/A	N/A	9983616
Difluorobenzene	%	79		N/A	N/A	9983616

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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GENERAL COMMENTS

Sample ATLX89 [SOUTH WEST CANISTER JULY 24, 2025] : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.

Results relate only to the items tested.

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Bureau Veritas Job #: C591274
Report Date: 2025/08/11

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
9983616	TIM	Spiked Blank	Bromochloromethane	2025/08/06		113	%	60 - 140
			D5-Chlorobenzene	2025/08/06		102	%	60 - 140
			Difluorobenzene	2025/08/06		114	%	60 - 140
			Benzene	2025/08/06		90	%	70 - 130
9983616	TIM	Method Blank	Bromochloromethane	2025/08/06		105	%	60 - 140
			D5-Chlorobenzene	2025/08/06		90	%	60 - 140
			Difluorobenzene	2025/08/06		106	%	60 - 140
			Benzene	2025/08/06	<0.10		ppbv	
9983616	TIM	RPD	Benzene	2025/08/06	9.4		%	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.

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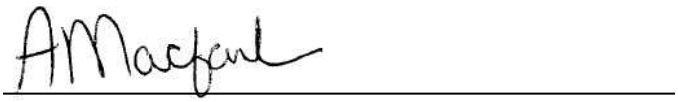
Bureau Veritas Job #: C591274
Report Date: 2025/08/11

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:



Anke Macfarlane, Laboratory Manager, VOC

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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: 2025/08/12
Report #: R8591787
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C591515
Received: 2025/07/29, 10:38

Sample Matrix: Air
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/08/06	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/08/06	BRL SOP-00304	EPA TO-15 m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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: 2025/08/12
Report #: R8591787
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C591515
Received: 2025/07/29, 10:38

Encryption Key

AUTHORIZED REPORT
RAPPORT AUTORISÉ

Bureau Veritas
12 Aug 2025 08:26:46

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 Job #: C591515
Report Date: 2025/08/12

Rotek Environmental Inc.
Site Location: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATMJ98	
Sampling Date		2025/07/24	
COC Number		na	
	UNITS	STN29164 24-JUL-25 -23455	QC Batch
Pressure on Receipt	psig	(-3.1)	9984047
QC Batch = Quality Control Batch			

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Bureau Veritas Job #: C591515
Report Date: 2025/08/12

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		ATMJ98				
Sampling Date		2025/07/24				
COC Number		na				
	UNITS	STN29164 24-JUL-25 -23455	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	0.49	0.10	1.57	0.319	9983616
Surrogate Recovery (%)						
Bromochloromethane	%	96		N/A	N/A	9983616
D5-Chlorobenzene	%	87		N/A	N/A	9983616
Difluorobenzene	%	92		N/A	N/A	9983616

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

GENERAL COMMENTS

Results relate only to the items tested.

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Bureau Veritas Job #: C591515
Report Date: 2025/08/12

Rotek Environmental Inc.
Site Location: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9983616	TIM	Spiked Blank	Bromochloromethane	2025/08/06		113	%	60 - 140
			D5-Chlorobenzene	2025/08/06		102	%	60 - 140
			Difluorobenzene	2025/08/06		114	%	60 - 140
			Benzene	2025/08/06		90	%	70 - 130
9983616	TIM	Method Blank	Bromochloromethane	2025/08/06		105	%	60 - 140
			D5-Chlorobenzene	2025/08/06		90	%	60 - 140
			Difluorobenzene	2025/08/06		106	%	60 - 140
			Benzene	2025/08/06	<0.10		ppbv	
9983616	TIM	RPD	Benzene	2025/08/06	9.4		%	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.

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Bureau Veritas Job #: C591515
Report Date: 2025/08/12

Rotek Environmental Inc.
Site Location: RAIN CARBON CANADA INC
Your P.O. #: 32669
Sampler Initials: RH

VALIDATION SIGNATURE PAGE

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

Anke Macfarlane, Laboratory Manager, VOC

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APPENDIX E

Field Notes

RAIN CARBON INC.

38 38

PUF - Station Logs

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

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m^3)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
01-Jan-25	AKGO85-01 PUF#1	AKGO85-01	31-Dec-24 16:00	38	4958.59	38	4981.91	02-Jan-25 15:30	325.6	23.32	RH	
13-Jan-25	AMXL07-01 PUF#1	AMXL07-01	10-Jan-25 18:22	38	4981.91	38	5005.27	14-Jan-25 15:50	328.9	23.36	RH	
25-Jan-25	AMXL33-01 PUF#1	AMXL33-01	24-Jan-25 14:10	38	5005.27	38	5028.54	27-Jan-25 13:30	329.9	23.27	RH	
06-Feb-25	ANJO72-01 PUF #1	ANJO72-01	05-Feb-25 16:45	38	5028.54	38	5051.76	07-Feb-25 14:30	327.0	23.22	RH	
18-Feb-25	ANJP51-01 PUF#1	ANJP51-01	14-Feb-25 17:26	30	5051.80	30	5075.16	20-Jan-25 10:46	305.9	23.36	RH	
02-Mar-25	ANJP64-01 PUF#1	ANJP64-01	28-Feb-25 14:00	26	5075.16	12	5098.57	03-Mar-25 14:06	258.5	23.41	RH	Total PUF volume recorded was 258.3 m3 and under the minimum volume requirement of 293.6 m3.
14-Mar-25	AOKI11-01 PUF#1	AOKI11-01	12-Mar-25 13:30	26	5121.90	22	5145.21	17-Mar-25 15:50	290.3	23.31	PD/RH	Total PUF volume recorded was 290.3 m3 and under the minimum volume requirement of 293.6 m3.
26-Mar-25	AOKI34-01 PUF#1	AOKI34-01	25-Mar-25 17:00	38	5145.22	38	5168.60	27-Mar-25 15:50	340.9	23.38	RH	
29-Mar-25	APAX49-01 PUF#1	APAX49-01	28-Mar-25 16:30	38	5168.60	38	5191.88	31-Mar-25 16:05	339.0	23.28	RH	Resample monitoring day.
07-Apr-25	APJY24-01 PUF#1	APJY24-01	04-Apr-25 13:15	38	5191.89	40	5215.30	08-Apr-25 16:00	339.2	23.41	RH	
19-Apr-25	APJZ13-01 PUF#1	APJZ13-01	17-Apr-25 12:50	38	5215.31	38	5238.60	21-Apr-25 14:30	330.6	23.29	RH	
01-May-25	APKA20-01 PUF#1	APKA20-01	30-Apr-25 18:38	38	5238.61	35	5261.88	02-May-25 12:35	329.1	23.27	RH/DC	
13-May-25	AQFQ22-01 PUF#1	AQFQ21-01	12-May-25 12:05	38	5261.88	38	5285.30	14-May-25 09:45	334.3	23.42	DC	
25-May-25	AQFR39-01 PUF#1	AQFR39-01	23-May-25 12:53	38	5285.30	38	5308.68	26-May-25 10:32	336.3	23.38	RH	
06-Jun-25	ARKD29-01 PUF#1	ARKD29-01	05-Jun-25 12:00	38	5308.70	38	5331.91	09-Jun-25 10:45	330.6	23.21	RH/MP	
18-Jun-25	ARKD73-01 PUF#1	ARKD73-01	17-Jun-25 10:42	34	5331.92	38	5355.32	19-Jun-25 14:30	325.3	23.40	MP/RH	
30-Jun-25	ARKD98-01 PUF#1	ARKD98-01	27-Jun-25 14:28	36	5355.33	36	5378.73	02-Jul-25 10:27	326.4	23.40	RH/MP	
12-Jul-25	ASJM47-01 PUF#1	ASJM47-01	11-Jul-25 16:25	36	5378.74	34	5401.97	14-Jul-25 14:33	318.1	23.23	RH	
24-Jul-25	ASJN19-01 PUF#1	ASJN19-01	23-Jul-25 14:55	38	5401.97	34	5425.28	28-Jul-25 12:32	322.9	23.31	RH	

RAIN CARBON INC.

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	AQFQ23-01	AQFQ21-01	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				

RAIN CARBON INC.

PUF - Station Logs

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

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m^3)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
01-Jan-25	AKGO87-01 PUF#3	AKGO87-01	31-Dec-24 17:15	38	4853.36	38	4877.14	02-Jan-25 16:45	332.2	23.78	RH	
13-Jan-25	AMXL09-01 PUF#1	AMXL09-01	10-Jan-25 19:25	38	4877.14	38	4900.91	14-Jan-25 17:10	334.7	23.77	RH	
25-Jan-25	AMXL35-01 PUF#3	AMXL35-01	24-Jan-25 15:30	38	4900.91	38	4924.79	27-Jan-25 17:54	338.4	23.88	RH	
06-Feb-25	ANJO74-01 PUF#3	ANJO74-01	05-Feb-25 18:09	38	4924.79	38	4948.27	07-Feb-25 15:32	330.7	23.48	RH	
18-Feb-25	ANJP53-01 PUF#3	ANJP53-01	18-Feb-25 10:57	32	4948.27	32	4972.06	20-Feb-25 12:31	323.3	23.79	RH	
02-Mar-25	ANJP66-01 PUF#3	ANJP66-01	28-Feb-25 17:26	20	4972.06	8	4995.62	03-Mar-25 15:33	242.9	23.56	RH	Total PUF volume recorded was 242.9 m3 and under the minimum volume requirement of 293.6 m3.
14-Mar-25	AOKI13-01 PUF#3	AOKI13-01	12-Mar-25 15:00	32	4972.30	30	4995.96	17-Mar-25 15:50	320.3	23.66	PD/RH	
26-Mar-25	AOKI36-01 PUF#3	AOKI36-01	25-Mar-25 19:05	34	4995.98	34	5019.70	27-Mar-25 17:40	331.9	23.72	RH	
29-Mar-25	APAX51-01 PUF#3	APAX51-01	28-Mar-25 17:20	38	5019.70	36	5043.39	31-Mar-25 17:00	340.3	23.69	RH	Resample monitoring day.
07-Apr-25	APJY26-01 PUF#3	APJY26-01	04-Apr-25 15:00	38	5043.40	34	5067.19	08-Apr-25 17:30	337.2	23.79	RH	
19-Apr-25	APJZ15-01 PUF#3	APJZ15-01	17-Apr-25 15:00	38	5067.20	34	5090.92	21-Apr-25 15:50	329.8	23.72	RH	
01-May-25	APKA22-01 PUF#3	APKA22-01	30-Apr-25 19:42	38	5090.92	36	5114.55	02-May-25 11:40	334.6	23.63	RH/DC	
13-May-25	AQFQ24-01 PUF#3	AQFQ21-01	12-May-25 11:30	38	5114.55	38	5138.34	14-May-25 10:30	338.0	23.79	DC	
25-May-25	AQFR41-01 PUF#3	AQFR41-01	23-May-25 14:20	38	5138.35	36	5162.12	26-May-25 11:45	337.6	23.77	RH	
06-Jun-25	ARKD31-01 PUF#3	ARKD31-01	05-Jun-25 13:15	38	5162.12	35	5185.91	09-Jun-25 11:35	333.3	23.79	RH/MP	
18-Jun-25	ARKD75-01 PUF#3	ARKD75-01	17-Jun-25 11:35	35	5185.91	36	5209.67	19-Jun-25 15:55	328.1	23.76	MP/RH	
30-Jun-25	ARKE00-01 PUF#3	ARKE00-01	27-Jun-25 16:09	34	5209.67	32	5233.23	02-Jul-25 10:56	328.1	23.56	RH/MP	
12-Jul-25	ASJM49-01 PUF#3	ASJM49-01	11-Jul-25 17:34	30	5233.24	30	5257.10	14-Jul-25 16:36	310.8	23.86	RH	
24-Jul-25	ASJN21-01 PUF#3	ASJN21-01	23-Jul-25 16:50	38	5257.10	32	5280.89	28-Jul-25 15:28	325.9	23.79	RH	

RAIN CARBON INC.

PUF - Station Logs

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

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m^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	ANJO75-01 PUF#4	ANJO75-01	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	AQFQ21-01	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	

RAIN CARBON INC.

PUF - Station Logs

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

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m^3)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
01-Jan-25	AKGO89-01 PUF#5	AKGO89-01	31-Dec-24 16:50	38	4539.27	38	4562.93	02-Jan-25 16:20	316.2	23.66	RH	
13-Jan-00	AMXL11-01 PUF#1	AMXL11-01	10-Jan-25 19:20	38	4562.93	38	4586.50	14-Jan-25 16:45	318.6	23.57	RH	
25-Jan-25	AMXL37-01 PUF#5	AMXL37-01	24-Jan-25 15:00	38	4586.50	38	4610.29	27-Jan-25 18:26	324.4	23.79	RH	
06-Feb-25	ANJO76-01 PUF#5	ANJO76-01	05-Feb-25 17:54	38	4610.29	38	4633.71	07-Feb-25 15:15	316.6	23.42	RH	
18-Feb-25	ANJP55-01 PUF#5	ANJP55-01	14-Feb-25 18:30	32	4633.71	32	4657.26	20-Feb-25 12:48	298.6	23.55	RH	
02-Mar-25	ANJP68-01 PUF#5	ANJP68-01	28-Feb-25 17:00	0	4657.26	0	4657.26	03-Mar-25 15:00	0.0	0.00	RH	Sample did not operate as no power to the PAH monitor.
04-Mar-25	ANJP68-01 PUF#5	ANJP68-01	03-Mar-25 15:00	10	4657.26	18	4680.88	07-Mar-25 10:09	191.7	23.62	RH	Resample monitoring day. Total PUF volume recorded was 191.7 m3 and under the minimum volume requirement of 293.6 m3.
14-Mar-25	AOKI15-01 PUF#5	AOKI15-01	12-Mar-25 14:30	38	4681.10	36	4704.65	17-Mar-25 16:40	325.9	23.55	RH	
26-Mar-25	AOKI38-01 PUF#5	AOKI38-01	25-Mar-25 17:40	34	4704.79	32	4728.35	27-Mar-25 17:20	310.4	23.56	RH	
29-Mar-25	APAX53-01 PUF#5	APAX53-01	28-Mar-25 17:05	38	4728.35	38	4751.91	31-Mar-25 16:45	331.1	23.56	RH	Resample monitoring day.
07-Apr-25	APJY28-01 PUF#5	APJY28-01	04-Apr-25 14:30	38	4751.91	38	4775.51	08-Apr-25 17:10	329.6	23.60	RH	
19-Apr-25	APJZ17-01 PUF#5	APJZ17-01	17-Apr-25 14:30	38	4775.51	38	4799.07	21-Apr-25 15:20	319.9	23.56	RH	
01-May-25	APKA24-01 PUF#5	APKA24-01	30-Apr-25 19:26	38	4799.07	36	4822.68	02-May-25 11:15	320.2	23.61	RH/DC	
13-May-25	AQFQ26-01 PUF#5	AQFQ21-01	12-May-25 10:55	38	4822.68	36	4846.35	14-May-25 10:10	318.5	23.67	DC	
25-May-25	AQFR43-01 PUF#5	AQFR43-01	23-May-25 14:10	38	4846.38	38	4869.96	26-May-25 11:31	326.0	23.58	RH	
06-Jun-25	ARKD33-01 PUF#5	ARKD33-01	05-Jun-25 13:00	38	4869.96	34	4893.47	09-Jun-25 11:45	312.7	23.51	RH/MP	
18-Jun-25	ARKD77-01 PUF#5	ARKD77-01	17-Jun-25 11:50	38	4893.47	38	4917.11	19-Jun-25 15:29	320.0	23.64	MP/RH	
30-Jun-25	ARKE04-01 PUF#5	ARKE04-01	27-Jun-25 15:49	38	4917.11	38	4940.71	02-Jul-25 11:07	320.9	23.60	RH/MP	
12-Jul-25	ASJM51-01 PUF#5	ASJM51-01	11-Jul-25 17:15	38	4940.73	38	4964.29	14-Jul-25 16:18	316.4	23.56	RH	
24-Jul-25	ASJN23-01 PUF#5	ASJN23-01	23-Jul-25 15:50	34	4964.29	35	4987.86	28-Jul-25 15:10	320.0	23.57	RH	

RAIN CARBON INC.

VOC - Station Logs

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

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
01-Jan-25	14270	31-Dec-24 16:10	---	-30.0	---	-7.5	02-Jan-25 15:40	---	24.0	RH		
13-Jan-25	267	10-Jan-25 18:32	---	-30.0	---	-8.0	14-Jan-25 15:50	---	24.0	RH		
25-Jan-25	14934	24-Jan-25 14:10	---	-30.0	---	-7.0	27-Jan-25 13:30	---	24.0	RH		
06-Feb-25	249	05-Feb-25 16:30	---	-30.0	---	-8.0	07-Feb-25 14:35	---	24.0	RH		
18-Feb-25	1241	14-Feb-25 17:31	---	-30.0	---	-11.5	20-Feb-25 10:50	---	24.0	RH		
02-Mar-25	14506	28-Feb 13:58	---	-30.0	---	-10.0	03-Mar-25 13:56	---	24.0	RH		
14-Mar-25	14076	13-Mar 16:30	---	-30.0	---	-11.0	17-Mar-25 15:55	---	24.0	RH		
26-Mar-25	114	25-Mar 17:10	---	-30.0	---	-10.0	27-Mar-25 16:00	---	24.0	RH		
07-Apr-25	23652	04-Apr 13:25	---	-30.0	---	-10.0	08-Apr-25 16:00	---	24.0	RH		
19-Apr-25	7783	17-Apr 13:00	---	-30.0	---	-12.0	21-Apr-25 14:30	---	24.0	RH		
01-May-25	14076	30-Apr 18:45	---	-30.0	---	-10.0	02-May-25 12:30	---	24.0	RH/DC		
13-May-25	14544	12-May 12:10	---	-30.0	---	-9.0	14-May-25 09:50	---	24.0	DC		
25-May-25	2796	23-May 13:00	---	-30.0	---	-10.0	26-May-25 10:35	---	24.0	RH		
06-Jun-25	130	05-Jun 12:08	---	-30.0	---	-12.0	09-Jun-25 11:00	---	24.0	RH/MP		
18-Jun-25	7839	17-Jun 10:47	---	-30.0	---	-14.0	19-Jun-25 14:40	---	24.0	MP/RH		
30-Jun-25	17200	27-Jun 14:44	---	-30.0	---	-13.5	02-Jul-25 10:38	---	24.0	RH/MP		
12-Jul-25	309	11-Jul 16:24	---	-30.0	---	-18.0	14-Jul-25 14:37	---	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.
15-Jul-25	305	14-Jul 14:44	---	-30.0	---	-18.0	17-Jul-25 14:36	---	24.0	RH		Additional East VOC Monitor Tuesday July 15, 2025, MECP monitoring day
19-Jul-25	14253	18-Jul 18:44	---	-30.0	---	-14.0	22-Jul-25 14:36	---	24.0	RH		#`1 Additional East VOC Monitor Saturday July 19 , 2025, MECP monitoring day
19-Jul-25	14252	18-Jul 18:44	---	-30.0	---	0.0	22-Jul-25 14:40	---	24.0	RH		#2 Additional East VOC Monitor Saturday July 19 , 2025, MECP monitoring day
24-Jul-25	23655	23-Jul 15:00	---	-30.0	---	-17.5	28-Jul-25 12:35	---	24.0	RH		
24-Jul-25	32572	23-Jul 16:40	---	-30.0	---	-9.5	28-Jul-25 12:36	---	24.0	RH		Additional Standalone East VOC Monitor Thursday July 24 , 2025, MECP monitoring day

RAIN CARBON INC.

VOC - Station Logs

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

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
01-Jan-25	14273	31-Dec-24 15:30	---	-30.0	---	-10.0	02-Jan-25 15:45	---	24.0	RH		
13-Jan-25	27694	10-Jan-25 18:42	---	-30.0	---	-10.0	14-Jan-25 16:05	---	24.0	RH		
25-Jan-25	23649	24-Jan-25 14:25	---	-30.0	---	-9.5	27-Jan-25 13:50	---	24.0	RH		
06-Feb-25	23743	05-Feb-25 17:10	---	-30.0	---	-30.0	07-Feb-25 14:43	---	24.0	RH		**The February 6, 2024, MECP monitoring day VOC monitor summa canister off pressure was - 30 inches Hg due to a VOC sampler timer valve failure.**
08-Feb-25	23743	07-Feb-25 14:50	---	-30.0	---	-10.0	11-Feb-25 16:26	---	24.0	RH		**Saturday February 8, 2024 resampling day.**
18-Feb-25	27655	14-Feb-25 17:50	---	-30.0	---	-10.0	20-Feb-25 11:03	---	24.0	RH		
02-Mar-25	17177	28-Feb-25 14:41	---	-30.0	---	-10.0	03-Mar-25 14:11	---	24.0	RH		
14-Mar-25	7841	13-Mar 16:35	---	-30.0	---	-10.0	17-Mar-25 16:05	---	24.0	RH		
26-Mar-25	292	25-Mar 17:25	---	-30.0	---	-10.0	27-Mar-25 16:15	---	24.0	RH		
07-Apr-25	14516	04-Apr 13:55	---	-30.0	---	-10.0	08-Apr-25 16:20	---	24.0	RH		
19-Apr-25	14103	17-Apr 13:25	---	-30.0	---	-11.0	21-Apr-25 14:50	---	24.0	RH		
01-May-25	7839	30-Apr 18:57	---	-30.0	---	-10.0	02-May-25 10:40	---	24.0	RH/DC		
13-May-25	10325	12-May 11:55	---	-30.0	---	-9.0	14-May-25 10:55	---	24.0	DC		
25-May-25	36989	23-May 13:30	---	-30.0	---	-30.0	26-May-25 10:50	---	24.0	RH		**The May 25, 2025, MECP monitoring day VOC monitor summa canister off pressure was - 30 inches Hg due to a VOC sampler timer valve failure.**
27-May-25	36989	26-May 10:50	---	-30.0	---	-11.0	28-May-25 12:42	---	24.0	RH		**Additional North VOC Monitor May 27, 2025, MECP monitoring day**
06-Jun-25	14118	05-Jun 12:20	---	-30.0	---	-10.0	09-Jun-25 11:10	---	24.0	RH/MP		
18-Jun-25	7927	17-Jun 10:47	---	-30.0	---	-11.0	19-Jun-25 14:55	---	24.0	MP/RH		
30-Jun-25	126	27-Jun 15:02	---	-30.0	---	-10.0	02-Jul-25 10:42	---	24.0	RH/MP		
12-Jul-25	7812	11-Jul 16:40	---	-30.0	---	-17.0	14-Jul-25 14:58	---	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-Jul-25	27575	15-Jul 14:17	---	-30.0	---	-11.0	17-Jul-25 14:45	---	24.0	RH		Additional North VOC Monitor July 16, 2025, MECP monitoring day
24-Jul-25	27659	23-Jul 15:00	---	-30.0	---	-10.0	28-Jul-25 12:48	---	24.0	RH		

RAIN CARBON INC.

VOC - Station Logs

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

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
01-Jan-25	14518	31-Dec-24 15:30	---	-30.0	---	-16.0	02-Jan-25 16:45	---	24.0	RH		
13-Jan-25	32578	10-Jan-25 19:30	---	-30.0	---	-14.0	14-Jan-25 17:05	---	24.0	RH		
25-Jan-25	18277	24-Jan-25 15:32	---	-30.0	---	-13.0	27-Jan-25 17:58	---	24.0	RH		
06-Feb-25	7805	05-Feb-25 18:09	---	-30.0	---	-30.0	07-Feb-25 15:34	---	24.0	RH		The February 6, 2024, MECP monitoring day VOC monitor summa canister off pressure was - 30 inches Hg due to a VOC sampler timer valve failure
08-Feb-25	7805	07-Feb-25 15:34	---	-30.0	---	-15.0	11-Feb-25 14:43	---	24.0	RH		Saturday February 8, 2024 resampling day.
18-Feb-25	23478	18-Feb-25 11:05	---	-30.0	---	-15.0	20-Feb-25 12:34	---	24.0	RH		
02-Mar-25	32592	28-Feb-25 18:33	---	-29.0	---	-7.0	03-Mar-25 15:14	---	24.0	RH		
14-Mar-25	23656	13-Mar 17:30	---	-30.0	---	-12.0	17-Mar-25 17:05	---	24.0	RH		
26-Mar-25	14533	25-Mar 19:10	---	-30.0	---	-10.0	27-Mar-25 17:40	---	24.0	RH		
07-Apr-25	14528	04-Apr 15:00	---	-30.0	---	-15.0	08-Apr-25 17:31	---	24.0	RH		
19-Apr-25	17168	17-Apr 15:00	---	-30.0	---	-18.0	21-Apr-25 15:40	---	24.0	RH		
01-May-25	27640	30-Apr 19:51	---	-30.0	---	-8.5	02-May-25 11:40	---	24.0	RH/DC		
13-May-25	18264	12-May 11:20	---	-30.0	---	-7.0	14-May-25 10:35	---	24.0	DC		Timer Unit replaced and Calibrated
25-May-25	7800	23-May 14:30	---	-28.5	---	-2.0	26-May-25 11:50	---	24.0	RH		The May 25, 2025, MECP monitoring day VOC monitor summa canister pressure on receipt was 0 inches Hg due to a suspected VOC sampler timer valve leak
31-May-25	14516	30-May 15:38	---	-30.0	---	-9.5	02-Jun-25 15:55	---	24.0	RH/MP		Additional Old West VOC Monitor May 31, 2025, MECP monitoring day
2025-06-06 #1	295	05-Jun 13:20	---	-29.0	---	-2.0	09-Jun-25 11:30	---	24.0	RH/MP		
2025-06-06 #2	14236	05-Jun 13:25	---	-30.0	---	-10.0	09-Jun-25 11:35	---	24.0	RH/MP		
18-Jun-25	17169	17-Jun 11:35	---	-30.0	---	-10.0	19-Jun-25 16:00	---	24.0	MP/RH		
30-Jun-25	261	27-Jun 16:09	---	-30.0	---	-10.0	02-Jul-25 11:00	---	24.0	RH/MP		
12-Jul-25	14549	11-Jul 17:37	---	-30.0	---	-11.0	14-Jul-25 16:38	---	24.0	RH		
24-Jul-25	27696	23-Jul 16:26	---	-30.0	---	-11.0	24-Jul-25 15:29	---	24.0	RH		

RAIN CARBON INC.

VOC - Station Logs

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

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
01-Jan-25	32591	31-Dec-24 16:40	---	-30.0	---	-8.0	02-Jan-25 16:10	---	24.0	RH		
13-Jan-25	7849	10-Jan-25 18:59	---	-30.0	---	-9.5	14-Jan-25 16:20	---	24.0	RH		
25-Jan-25	23655	24-Jan-25 14:44	---	-30.0	---	-7.0	27-Jan-25 14:05	---	24.0	RH		
06-Feb-25	14538	05-Feb-25 17:30	---	-30.0	---	-8.0	07-Feb-25 15:00	---	24.0	RH		
18-Feb-25	2926	14-Feb-25 18:12	---	-30.0	---	-9.0	20-Feb-25 11:22	---	24.0	RH		
02-Mar-25	7865	28-Feb-25 17:37	---	-29.0	---	-12.0	03-Mar-25 14:36	---	24.0	RH		
14-Mar-25	283	13-Mar 16:50	---	-30.0	---	-11.0	17-Mar-25 16:25	---	24.0	RH		
26-Mar-25	27665	25-Mar 17:50	---	-30.0	---	-10.0	27-Mar-25 16:50	---	24.0	RH		
07-Apr-25	14938	04-Apr 14:45	---	-30.0	---	-11.0	08-Apr-25 16:39	---	24.0	RH		
19-Apr-25	142	17-Apr 14:00	---	-30.0	---	-13.0	21-Apr-25 15:05	---	24.0	RH		
01-May-25	17187	30-Apr 19:12	---	-30.0	---	-10.0	02-May-25 12:15	---	24.0	RH/DC		
13-May-25	27687	12-May 10:30	---	-30.0	---	-7.0	14-May-25 09:35	---	24.0	DC		
25-May-25	27575	23-May 13:50	---	-30.0	---	-12.0	26-May-25 11:15	---	24.0	RH		
06-Jun-25	7866	05-Jun 12:48	---	-29.0	---	-12.0	09-Jun-25 12:10	---	24.0	RH/MP		
18-Jun-25	1252	17-Jun 12:10	---	-30.0	---	-12.0	19-Jun-25 15:05	---	24.0	MP/RH		
30-Jun-25	134	27-Jun 15:29	---	-30.0	---	-12.5	02-Jul-25 11:27	---	24.0	RH/MP		
12-Jul-25	7820	11-Jul 16:59	---	-30.0	---	-13.0	14-Jul-25 15:40	---	24.0	RH		
24-Jul-25	27589	23-Jul 15:36	---	-30.0	---	-12.5	28-Jul-25 13:08	---	24.0	RH		

RAIN CARBON INC.

VOC - Station Logs

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

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
01-Jan-25	18252	31-Dec-25 17:03	---	-30.0	---	-4.0	02-Jan-25 16:30	---	24.0	RH		
13-Jan-25	18273	10-Jan-25 19:16	---	-28.0	---	-28.0	14-Jan-25 16:45	---	24.0	RH		The VOC monitor summa canister off pressure was - 28 inches Hg due to a VOC sampler timer valve failure. Resample on January 15, 2025.
2025-01-15 Resample	18273	14-Jan-25 16:45	---	-28.0	---	-4.0	20-Jan-25 11:20	---	24.0	RH		
25-Jan-25	7855	24-Jan-25 15:08	---	-30.0	---	-4.0	27-Jan-25 17:42	---	24.0	RH		
06-Feb-25	7853	05-Feb-25 17:54	---	-30.0	---	-4.0	07-Feb-25 16:25	---	24.0	RH		
18-Feb-25	276	18-Feb-25 11:21	---	-30.0	---	-6.0	20-Feb-25 12:50	---	24.0	RH		
02-Mar-25	14525	28-Feb-25 18:03	---	-28.0	---	-7.0	03-Mar-25 15:02	---	24.0	RH		
14-Mar-25	7805	13-Mar 17:10	---	-30.0	---	-7.0	17-Mar-25 16:45	---	24.0	RH		
26-Mar-25	1241	25-Mar 18:55	---	-28.0	---	-11.0	27-Mar-25 17:20	---	24.0	RH		
07-Apr-25	27652	04-Apr 14:45	---	-29.0	---	-7.0	08-Apr-25 17:11	---	24.0	RH		
19-Apr-25	17361	17-Apr 14:30	---	-29.0	---	-7.0	21-Apr-25 15:23	---	24.0	RH		
01-May-25	32577	30-Apr 19:30	---	-30.0	---	-6.0	02-May-25 11:10	---	24.0	RH/DC		
13-May-25	23455	12-May 11:40	---	-28.0	---	-7.0	14-May-25 10:15	---	24.0	DC		
25-May-25	18242	23-May 14:15	---	-30.0	---	-7.0	26-May-25 11:35	---	24.0	RH		
06-Jun-25	272	05-Jun 13:05	---	-30.0	---	-5.0	09-Jun-25 11:30	---	24.0	RH/MP		
18-Jun-25	32592	17-Jun 11:30	---	-30.0	---	-30.0	19-Jun-25 15:30	---	24.0	MP/RH		The June 18, 2025, MECP monitoring day VOC monitor summa canister off pressure was - 30 inches Hg due to a VOC sampler timer valve failure.
2025-06-20 Sample #1	32592	19-Jun 15:30	---	-30.0	---	-8.0	23-Jun-25 10:20	---	24.0	MP/RH		Additional New West VOC Monitor June 20, 2025, MECP monitoring day
2025-06-20 Sample #2	2750	19-Jun 16:18	---	-30.0	---	-10.0	23-Jun-25 10:20	---	24.0	MP/RH		Duplicate Additional New West VOC Monitor June 20, 2025, MECP monitoring day
30-Jun-25	14259	27-Jun 15:49	---	-30.0	---	-8.0	02-Jul-25 11:11	---	24.0	RH/MP		
12-Jul-25	18251	11-Jul 17:19	---	-30.0	---	-8.0	14-Jul-25 16:20	---	24.0	RH		
24-Jul-25	17204	23-Jul 16:08	---	-30.0	---	-9.0	28-Jul-25 15:14	---	24.0	RH		