



Air Quality Monitoring

**Western Sydney Cricket and Community Centre, 161
Silverwater Road, Sydney Olympic Park NSW 2128**

New South Wales Cricket Association

PO Box 268, Sydney Markets NSW 2129

Prepared by:

SLR Consulting Australia

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1.0	8 April 2025	Conor Johnston	Jordan Harley	Jordan Harley
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Basis of Report

This report has been prepared by SLR Consulting Australia (SLR) with all reasonable skill, care and diligence, and taking account of the timescale and resources allocated to it by agreement with New South Wales Cricket Association (the Client). Information reported herein is based on the interpretation of data collected, which has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of the Client. No warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

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1.0 Introduction

SLR Consulting Australia (SLR) was engaged by Kael Williams of New South Wales Cricket Association to undertake air quality monitoring at Western Sydney Cricket and Community Centre, 161 Silverwater Road, Sydney Olympic Park NSW 2128.

SLR understands, from information provided by New South Wales Cricket Association, that the sampling is part of the site's Long Term Environmental Management Plan (LTEMP) (see Douglas Partners LTEMP 86694.09.R008.Rev0.LTEMP) in order to determine the effectiveness of the vapour proof membrane installed to the site.

The sampling was conducted on 05 March 2025 by Andrew Parker and Jordan Harley from SLR.

This report should be read in full including all attachments.

2.0 Scope of Works

In completing the air quality monitoring for this project, the scope of works included:

- Use of Seventeen (17) Summa canisters at various locations on site to collect air samples over an 8-hour time period.
- Screening for volatiles at each sampling location using a Photo Ionisation Detector (PID).
- Laboratory analysis of 17 (8 hour) Summa canister air samples for Total Petroleum Hydrocarbon (TPH) suite fractions and Volatile Organic Compounds (VOC) in accordance with USEPA Method TO15.
- Comparison of Data from analysed samples to data presented in Douglas Partners 'Report on Air Quality Monitoring – December 2022 Western Sydney Cricket and Community Centre (86694.21.R.001.Rev0)' and SLR Reports '610.031278.00001-R01-v3.0', '610.031278.00001-R02-v2.0' and '610.031278.00001-R03-v2.0 20241104'.
- Preparation of this report outlining analytical results.

3.0 Site Information

The site is located within Wilson Park, on the eastern side of Silverwater Road, Sydney Olympic Park. A Locality Map is presented in Figure 1. For the purpose of this report, Silverwater Road is taken to run in a north/south direction, directly adjacent to the site.

The site consisted of:

- Cricket field/nets
- A double story building with internal cricket nets, batting areas, office spaces, pool room and changerooms
- Library and Cafe
- Ground Maintenance Workshop

Construction activities of an unknown scope and duration are being undertaken to the northeast of the Maintenance Workshop.



Construction activities of an unknown scope and duration are being undertaken to the south of the Library/Café and visually appear to be potentially disturbing the upper soil profile.

Per the information provided in Douglas Partners Report 86694.21.R.001.Rev0;

“The site is characterised by buried waste soil (soils with intermittent tar impacts) of varying thickness and quality. TPH, BTEX and Naphthalene (and to a lesser extent VHCs) were found sporadically in previous investigations in the buried waste soil and in soil vapour (at low concentrations). The contaminants are considered likely to be sourced from tar and tarry waste buried (again sporadically) in some of the deeper fill.

The waste is overlain by a capping layer of clean and validated soils. In the main building area the cap is typically greater than 2 m in thickness, although in some areas is less than 2 m such as beneath ancillary buildings. In the main oval area, the impacted fill now sits beneath the previous soil cap and newly formed soil cap (typically combined thickness of greater than 1 m).”

Figure 1 Site Location (Approximate Site Boundary Outlined in Red)



Satellite Imagery obtained from Nearmap (accessed 04 April 2025)



3.1 Meteorological Conditions

Weather conditions at the time of sampling are described in Table 1. Note these conditions are as per readings at Sydney Olympic Park AWS (Archery Centre) (Station No 066212) approximately 2 km away from site.

Table 1 Metrological Conditions – Sydney Olympic Park AWS (Archery Centre) (Station No 066212) 05/03/2025

Temp		Rain (mm)	Conditions at 9 am				Conditions at 3 pm			
Min °C	Max °C		Temp °C	RH %	Direction	Speed km/h	Temp °C	RH %	Direction	Speed km/h
18.4	26.6	9.2	21.2	94	WSW	6	25.2	57	ESE	19

*data has not been quality controlled

Source: Australian Government Bureau of Meteorology Climate Data Online, accessed 04 April 2025. Available online at www.bom.gov.au.

4.0 Methodology

4.1 Sampling Methodology and Analysis

The air quality monitoring was conducted in accordance with the TO15 USEPA Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air Second Edition. Determination of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters and Analysed by Gas Chromatography/Mass Spectrometry (GC/MS) (USEPA, 1999).

Sampling Methodology:

- Sample locations were based on the locations sampled in the Douglas Partners Report (*Report on Air Quality Monitoring – December 2022 Western Sydney Cricket and Community Centre (86694.21.R.001.Rev0)*), with the addition of samples collected representative of the Maintenance Workshop, with consideration of site activities at the time.
- Laboratory-prepared Summa Canisters were supplied by Envirolab Services. The canisters were cleaned and certified by the laboratory.
- Sample locations are described in Section 4.2. Sample locations IA1-IA13 were consistent with the previous consultant (*Report on Air Quality Monitoring – December 2022 Western Sydney Cricket and Community Centre (86694.21.R.001.Rev0)*). Sample locations IA14-IA17 as per selected locations from the previous round of sampling (*SLR Report 610.031278.00001-R03-v2.0 20241104*).
- A calibrated PID was used at each location prior to deployment of Summa cannisters in order to check for the ambient presence of VOCs. PID reading was taken for 5 minutes at each location.

As per Douglas Partners LTEMP, Report Number 86694.09.R.008.Rev0.LTEMP;

“The monitoring screening (trigger) levels will be based on occupational exposure levels, and the following:



If there is an increasing concentration trend at any monitoring location sustained over two subsequent monitoring events, however with concentrations falling below the screening levels, the monitoring frequency will be increased as advised by the Environmental Consultant;

If the monitoring result exceeds the adopted indoor air trigger level, then the sampling will be repeated immediately on three consecutive days to confirm that the reading is not an anomaly. If the initial reading is confirmed, contingency recommendations by the Environmental Consultant will be enacted; and The LTEMP will be reviewed and updated (by the Environmental Consultant which will require endorsement from an accredited Site Auditor) after the initial three year implementation period and then on a rolling five-year period. If no increasing trends in indoor air concentrations are found over a period of three years, and there are no identified potential drivers of groundwater and soil vapour contaminant migration present, then a recommendation may be made by the Environmental Consultant to cease further monitoring, or to change the indoor air monitoring program, which will require endorsement from an accredited Site Auditor."

It should be noted that Douglas Partners have presented a range of Indoor Air Reference Levels (sometimes referred to as monitoring screening levels). It is noted that the report states that "*Monitoring screening levels will be based on occupational exposure levels.*"

As such, recommendations within this report are based on the Safe Work Australia Workplace Exposure Standards.



4.2 Sample Locations

Sampling locations are listed below in Table 2. Photographs can be found in Appendix A. Site plans with marked sample locations can be found in Appendix B.

Table 2 Sample Locations

Sample Number	Location
Main Building	
IA1	Pool Room
IA2	Small Meeting Room
IA3	Primary Workspace
IA4	Change Room
IA5	Switch Room
Ancillary Buildings	
IA6	Switch Room of the Library/Café
IA7	Bin Room
IA8	Library
Outdoor	
IA9	Western Boundary
IA10	Southern Boundary
IA11	First Floor Terrace
IA12	Eastern Boundary
IA13	Northern Boundary
Maintenance Workshop	
IA14	Maintenance Office/Lunch
IA15	Equipment Store (Small)
IA16	Workshop
IA17	Equipment Store (Large)



5.0 Field Observations

The following site observations were made at the time of sampling activities;

- The site appeared to be fully occupied during the inspection.
- Maintenance equipment utilising combustion engines were noted to be in use in and around the Maintenance Workshop during the sampling period, including lawn mowing activities.
- No occupants were utilising the ground floor pool area at the time of SLR's attendance.
- Project works appeared to be occurring to the site boundary, North-East of the Maintenance Workshop.
- Project works appeared to be occurring to the southern side of the Library/Café.
- Small stores of household cleaning products are present throughout the constructed buildings, but no significant chemical stores were identified.
- High vehicle traffic occurs frequently in the area, particularly to adjacent Silverwater Road.
- No odours were identified, except in the maintenance shed where odours associated with petroleum fuels were noted.



6.0 Air Reference Levels

Air reference levels, including current USEPA 2023), Regional Screening Levels, are presented below in Table 3.

Table 3 Air Reference Levels ($\mu\text{g}/\text{m}^3$ unless otherwise stated)

Contaminant	USEPA 2021*	USEPA 2024**	CRC Care 2011*	WHO 2000*	WHO 2010*	HCIS 8hr TWA*	HCIS 15 STEL*
Benzene	15.7	15.7	18	17	17	3,200	-
Toluene	21,900	21,900	23,000	260	260	191,000	574,000
Ethylbenzene	49.1	49.1	5,900	-	-	434,000	543,000
Xylene (meta/para)	438	438	4,000	-	-	350,000	655,000
Xylene (ortho)	438	438	4,000	-	-	350,000	655,000
TPH C5-C8 Aliphatic (TPH Aliphatic Low)	2,630	1,750	-	-	-	-	-
TPH C9-C10 Aromatic (TPH Aromatic Medium)	13.1	263	-	-	-	-	-
TPH C9-C12 Aliphatic (TPH Aliphatic Medium)	438	438	-	-	-	-	-
TPH F2-Napthalene	-	-	2,300	-	-	-	-
TPH C6-C10 less BTEX	-	-	3,200	-	-	-	-
Naphthalene	3.61	3.61	14	-	10	52,000	79,000

* Indoor Air Reference Levels as provided in Douglas Partners Report - 86694.21.R.001.Rev0

** (USEPA, 2024), Regional Screening Levels (TR=1-E-05, THQ=1.0) for indoor worker – calculated via online USEPA RSL Calculator, accessed 04 November 2024



7.0 Results

7.1 Field Testing Results

A calibrated PID was used for 5 minutes at each location prior to deployment of Summa canisters in order to check for the ambient presence of VOCs.

Table 4 PID Results

Location	PID Result (ppm)	Location	PID Result (ppm)
IA1	0.0	IA10	0.0
IA2	0.0	IA11	0.0
IA3	0.0	IA12	0.0
IA4	0.0	IA13	0.0
IA5	0.0	IA14	0.0
IA6	0.0	IA15	0.0
IA7	0.0	IA16	0.0
IA8	0.0	IA17	0.0
IA9	0.0		

The consistent low readings with the PID indicate a low risk of significant concentrations of VOCs in the air at the time of screening.

7.2 Laboratory Results

The indoor air samples were analysed by Envirolab Services Pty Ltd (Envirolab) in accordance with relevant air quality laboratory testing methods (USEPA, 1999). Samples were tested for TPH fractions including TPH C5-C8 aliphatic, TPH C9-C12 aliphatic, TPH C9-C10 aromatic, TPH C6-C10- BTEX (F1) and TPH>C10-C12 – Naphthalene (F2), and the standard 62 analyte VOC suite.

Refer to Appendix C laboratory certificates. Tabulated results compared to the adopted Air Reference Levels can be found in Appendix D. Quality Assurance/Quality Control information can be found in Appendix E. Field Sheets for the monitoring can be found in Appendix F.



8.0 Data Comparison

Analytical results are tabulated below, as compared to testing results undertaken during construction (See Table 6) and testing results for the previous round of testing (See Table 7).

Table 5 Data Comparison (Construction to current round of testing)

Analyte	First Round - During Construction*		Current Round of Testing – Post Construction			
	Concentration Range (µg/m³)	Number of Detections (of 7 locations)	Indoor Locations		Outdoor Locations	
			Concentration Range (µg/m³)	Number of Detections (of 12 locations)	Concentration Range (µg/m³)	Number of Detections (of 5 locations)
1,2,4-trimethylbenzene	<2.5 - 20	6	<2.5 - 6	3	<2.5	0
1,3,5-trimethylbenzene	<2.5 - 5	4	<2.5	0	<2.5	0
1-ethyl-4-methylbenzene	<2.5 - 31	3	<2.5	0	<2.5	0
Methyl Ethyl Ketone	<15 - 31	4	<15 - 280	3	<15	0
Acetone	<11.9 - 20	2	<11.9 - 40	6	<11.9 - 20	2
Benzene	<1.6 - 2	1	<1.6 - 5	5	<1.6 - 2	1
Bromomethane	<1.9	0	<1.9	0	<1.9	0
Chloroform	<2.4	0	<2.4 - 20	1	<2.4	0
Chloromethane	<1 - 1	5	<1	0	<1	0
Cyclohexane	<1.7 - 54	6	<1.7	0	<1.7	0
Ethanol	10 - 600	7	<9 - 80	11	<9 - 10	3
Dichlorodifluoromethane	<2.5 - 3	1	<2.5 - 3	2	<2.5	0
Ethyl Acetate	<1.8	0	<1.8	0	<1.8	0
Ethylbenzene	10 - 570	7	<2.2 - 5	2	<2.2	0
Heptane	<2 - 10	6	<2 - 4	2	<2	0
Hexane	<1.8 - 10	5	<1.8 - 220	9	<1.8 - 10	3
Isopropyl Alcohol	<12 - 290	5	<12 - 30	7	<12 - 50	1
Propene	<0.9 - 3	6	<0.9 - 3	5	<0.9 - 2	2
Styrene	<2.1	0	<2.1 - 4	1	<2.1	0
Tetrahydrofuran	<1.5 - 5	1	<1.5 - 36	1	<1.5	0
Toluene	10 - 88	7	3 - 37	12	<1.9 - 2	4
Xylene (meta/para)	20 - 350	7	<4.3 - 10	3	<4.3	0
Xylene (ortho)	6 - 100	7	<2.2 - 5	5	<2.2	0
F2-napthalene	<40 - 90	2	<40	0	<40	0
C6-C10 less BTEX (F1)	<200	0	<200	0	<200	0
TPH C5-C8 Aliphatic	<200 - 700	6	<200	0	<200	0
TPH C9-C12 Aliphatic	<50 - 86	2	<50	0	<50	0

*Data for First Round – During Construction obtained from Douglas Partners Report 86694.21.R.001.Rev0



Table 6 Data Comparison (Previous round to current round of testing)

Analyte	Prior Round of Testing – Post Construction*				Current Round of Testing – Post Construction			
	Indoor Locations		Outdoor Locations		Indoor Locations		Outdoor Locations	
	Concentration Range (µg/m³)	Number of Detections (of 12 locations)	Concentration Range (µg/m³)	Number of Detections (of 5 locations)	Concentration Range (µg/m³)	Number of Detections (of 12 locations)	Concentration Range (µg/m³)	Number of Detections (of 5 locations)
1,2,4-trimethylbenzene	<2.5 - 3	1	<2.5	0	<2.5 - 6	3	<2.5	0
Methyl Ethyl Ketone	<15 - 37	3	<15	0	<15 - 280	3	<15	0
Acetone	<11.9 - 30	6	<11.9	0	<11.9 - 40	6	<11.9 - 20	2
Benzene	<1.6 - 3	2	<1.6	0	<1.6 - 5	5	<1.6 - 2	1
Chloroform	<2.4 - 42	1	<2.4	0	<2.4 - 20	1	<2.4	0
Dichlorodifluoromethane	<5	0	<5	0	<2.5 - 3	2	<2.5	0
Ethanol	10 - 700	12	<9	0	<9 - 80	11	<9 - 10	3
Ethylbenzene	<2.2 - 3	1	<2.2	0	<2.2 - 5	2	<2.2	0
Heptane	<2	0	<2	0	<2 - 4	2	<2	0
Hexane	<1.8 - 5	6	<1.8	0	<1.8 - 220	9	<1.8 - 10	3
Isopropyl Alcohol	<12 - 30	5	<12	0	<12 - 30	7	<12 - 50	1
Propene	<0.9 - 3	1	<0.9	0	<0.9 - 3	5	<0.9 - 2	2
Styrene	<2.1	0	<2.1	0	<2.1 - 4	1	<2.1	0
Tetrahydrofuran	<1.5	0	<1.5	0	<1.5 - 36	1	<1.5	0
Toluene	3 - 22	12	2 - 3	5	3 - 37	12	<1.9 - 2	4
Xylene (meta/para)	<4.3 - 7	2	<4.3	0	<4.3 - 10	3	<4.3	0
Xylene (ortho)	<2.2	0	<2.2	0	<2.2 - 5	5	<2.2	0

*Data for Prior Round of Testing – Post Construction obtained from SLR Report 610.031278.00001-R03-v2.0 20241104



9.0 Discussion

No contaminants exceeded the adopted Air Reference Levels during the current round of testing.

The comparative results of total TO15 are presented in Section 9.1. Increases in total TO15 are summarised below;

- IA1 – Pool Room – the increase in VOCs was largely impacted by the detection of Chloroform ($20 \mu\text{g}/\text{m}^3$), Ethanol ($40 \mu\text{g}/\text{m}^3$) and Isopropyl Alcohol ($20 \mu\text{g}/\text{m}^3$). It is assumed that these levels are associated with chemicals used in pool maintenance and cleaning. Whilst higher than the previous round, the total VOCs for this area were lower than in the July 2023 round of monitoring.
- IA5 – Switch Room – the increase in VOCs was largely impacted by the detection of Acetone ($40 \mu\text{g}/\text{m}^3$), MEK ($28 \mu\text{g}/\text{m}^3$) and Isopropyl Alcohol ($20 \mu\text{g}/\text{m}^3$). It is assumed that these levels are associated with the use of solvents and cleaning products within this environment. Whilst higher than the previous round, the total VOCs for this area were lower than previous rounds of monitoring (December 2022 and February/March 2024).
- IA6 – Switch Room off Café - the increase in VOCs was largely impacted by the detection of Acetone ($30 \mu\text{g}/\text{m}^3$), Ethanol ($20 \mu\text{g}/\text{m}^3$), Toluene ($20 \mu\text{g}/\text{m}^3$) and MEK ($17 \mu\text{g}/\text{m}^3$). It is assumed that these levels are associated with the use of solvents and cleaning products within this environment. Whilst higher than the previous round, the total VOCs for this area were lower than in the December 2022 round of monitoring.
- IA7 – Bin Room – the increase in VOCs was largely impacted by the detection of MEK ($280 \mu\text{g}/\text{m}^3$), Acetone ($40 \mu\text{g}/\text{m}^3$), Toluene ($37 \mu\text{g}/\text{m}^3$) and Tetrahydrofuran ($36 \mu\text{g}/\text{m}^3$). It is assumed that these levels are associated with waste stored within the bin room, including waste cleaning products. Tetrahydrofuran has not previously been detected in this location, the concentration detected is considered negligible when compared to the SafeWork Exposure Standard. Whilst higher than the previous round, the total VOCs for this area were lower than previous rounds of monitoring (December 2022 and February/March 2024).
- IA8 – Library – the increase in VOCs was largely impacted by the detection of Hexane ($220 \mu\text{g}/\text{m}^3$). It is assumed that these levels are associated with the use of solvents and cleaning products within this environment. Hexane has not previously been detected in this location, the concentration detected is considered negligible when compared to the SafeWork Exposure Standard. Whilst higher than the previous round, the total VOCs for this area were lower than in the December 2022 round of monitoring.
- IA9-IA12 – Exterior Samples – the increase in VOCs was largely impacted by the detections of Acetone, Ethanol, Hexane and Isopropyl Alcohol. VOC levels were lower for IA9-IA12 in comparison to the February/March 2024 round of testing.
- IA13 – Northern Boundary – the increase in VOCs was largely impacted by the detection Acetone ($20 \mu\text{g}/\text{m}^3$), Hexane ($4 \mu\text{g}/\text{m}^3$) and Propene ($2 \mu\text{g}/\text{m}^3$). The concentrations detected are considered negligible compared to the SafeWork Exposure Standards.
- IA14 – Maintenance Office/Lunch – the increase in VOCs was largely impacted by the detection of $500 \mu\text{g}/\text{m}^3$ ethanol. It is assumed that these levels are associated with the use of solvents and cleaning products within this environment.

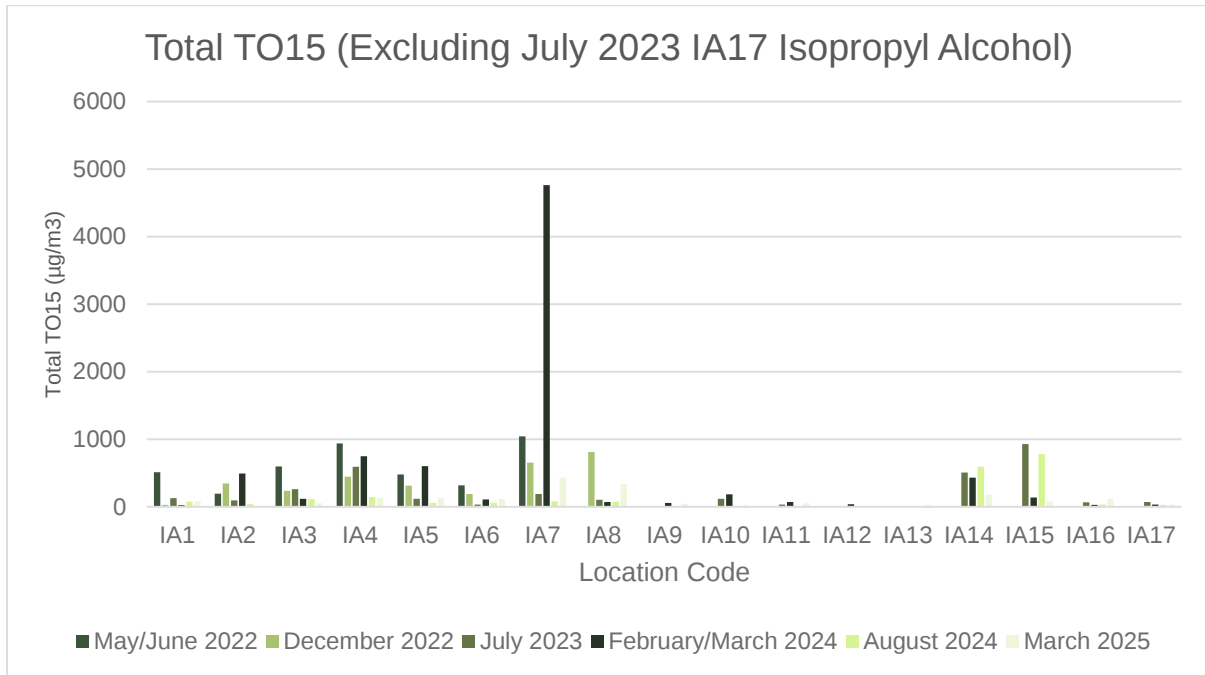


- IA16 – Workshop – the increase in VOCs was largely impacted by the detection of Hexane ($20 \mu\text{g}/\text{m}^3$) and Toluene ($36 \mu\text{g}/\text{m}^3$). It is assumed that these levels are associated with the use of solvents and cleaning products within this environment.
- IA17 – Equipment Store (Large) – the increase in VOCs was impacted by the detection of Benzene ($2 \mu\text{g}/\text{m}^3$), Freon 12 ($3 \mu\text{g}/\text{m}^3$), Ethanol ($10 \mu\text{g}/\text{m}^3$) and Hexane ($7 \mu\text{g}/\text{m}^3$). It is assumed that these levels are associated with the use of solvents and cleaning products within this environment. Freon 12 has not previously been detected in this location, the concentration detected is considered negligible when compared to the SafeWork Exposure Standard. Whilst higher than the previous round, the total VOCs for this area were lower than in the July 2023 round of monitoring.



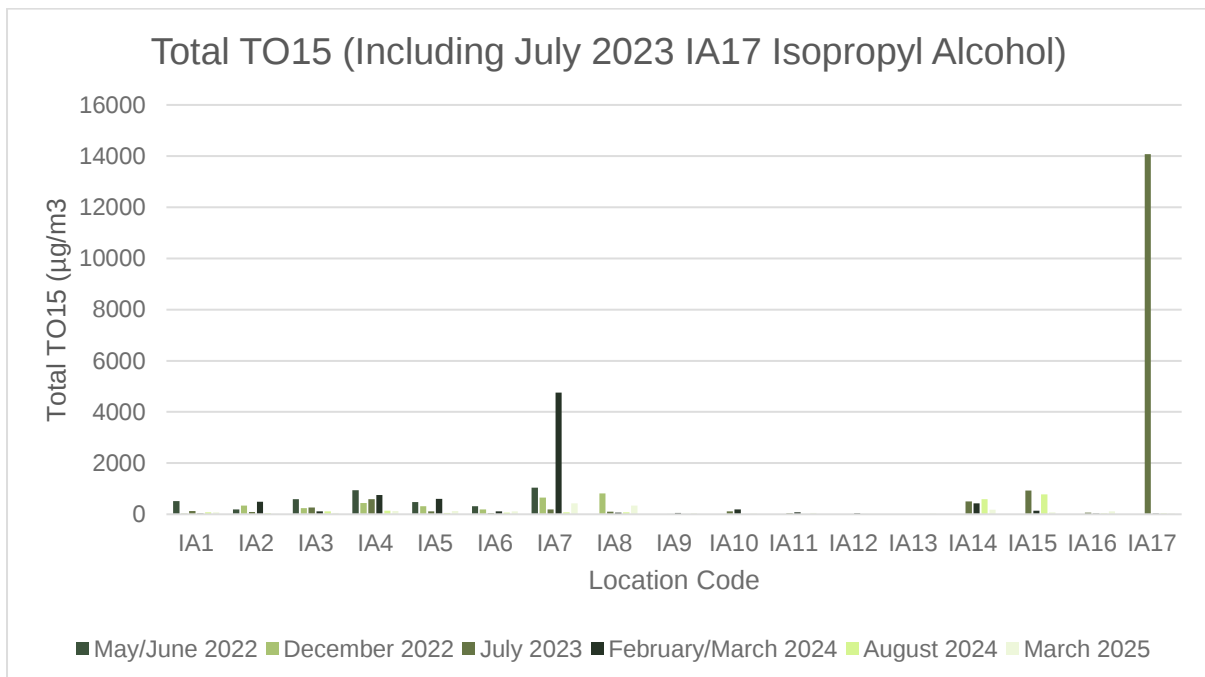
9.1 Total TO15 Comparison Graphs

Figure 2 Comparison of Total Positive TO15*



*excluding isopropyl alcohol detected in IA17 July 2023

Figure 3 Comparison of Total Positive TO15



10.0 Conclusions

No exceedances of the monitoring screening (trigger) levels or air reference levels were identified within the Main Building.

No exceedances of the monitoring screening (trigger) levels or air reference levels were identified within the Ancillary Buildings.

No exceedances of the monitoring screening (trigger) levels or air reference levels were identified in the samples collected in Outdoor Areas.

No exceedances of the monitoring screening (trigger) levels or air reference levels were identified in the samples collected in the Maintenance Shed.

As per the Douglas Partners LTEMP Report Number 86694.09.R.008.Rev0.LTEMP, 'If there is an increasing concentration trend at any monitoring location sustained over two subsequent monitoring events, however with concentrations falling below the screening levels, the monitoring frequency will be increased as advised by the Environmental Consultant'. Table 7 summarises locations where a trending increase in concentration of specific contaminants or total VOCs has been identified across 3 sampling rounds.

Table 7 Trend Increase Summary

Location	Contaminant	Air Reference Levels* ($\mu\text{g}/\text{m}^3$)	Result February/March 2024 ($\mu\text{g}/\text{m}^3$)	Result August 2024 ($\mu\text{g}/\text{m}^3$)	Result March 2025 ($\mu\text{g}/\text{m}^3$)
IA1	Isopropyl Alcohol	N/A	<10	10	20
IA1	Total VOCs	N/A	25.1	75	83
IA5	Acetone	N/A	29	30	40
IA6	Hexane	N/A	<1	2	8
IA7	Acetone	N/A	18	20	40
IA7	Toluene	260	9	22	37
IA8	Total VOCs	N/A	69.4	77	339
IA13	Total VOCs	N/A	0	2	28
IA14	Isopropyl Alcohol	N/A	<10	20	30
IA16	Hexane	N/A	1.8	3	20
IA16	Total VOCs	N/A	27.3	32	113

* Indoor Air Reference Levels as provided in Douglas Partners Report - 86694.21.R.001.Rev0

Whilst an increase trend was noted, the concentrations identified were considered negligible, and do not warrant further monitoring or investigation.

As per the Douglas Partners LTEMP, Report Number 86694.09.R.008.Rev0.LTEMP, immediate follow up monitoring is not required as no exceedances of the monitoring screening (trigger) levels were identified.



11.0 References

CRC CARE. (2011). *Health screening levels for petroleum hydrocarbons in soil and groundwater*. Parts 1 to 3, Technical Report No. 10: Cooperative Research Centre for Contamination Assessment and Remediation of the Environment.

DP. (2022). *Long-Term Environmental Management Plan, Western Sydney Cricket and Community Centre - Stage 1, Wilson Park, cnr Silverwater Road and Clyde Street, Sydney Olympic Park*. Project 86694.09.R008.Rev0 dated 23 November 2022: Douglas Partners Pty Ltd.

DP. (2022). *Report on Air Quality Monitoring – December 2022 Western Sydney Cricket and Community Centre*. Project 86694.21 dated 20 January 2023: Douglas Partners Pty Ltd.

USEPA. (1999). *Compendium Method TO-15 Determination of Volatile Organic Compounds (VOCs) In Air Collected in Specially-Prepared Canisters and Analysed By Gas Chromatography Mass Spectrometry (GC/MS)*. United States Environmental Protection Agency.

USEPA. (2021, May). *Regional Screening Levels (RSLs) - Generic Tables*. Retrieved from United States Environment Protection Agency: <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>

WHO. (2000). *Air Quality Guidelines for Europe 2nd Edition*. WHO Regional Publications.

WHO. (2010). *Guidelines for Indoor Air Quality: Selected Pollutants*. World Health Organisation.

USEPA. (2024, May). *Regional Screening Levels (RSLs) - Generic Tables*. Retrieved from United States Environment Protection Agency: <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables> Accessed on 04 November 2023.



12.0 Closure

I trust that this report provides sufficient detail for your current requirements. We would be pleased to discuss this report with you as required - please do not hesitate to contact me if you have any queries.

Yours sincerely

Sincerely,

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Hygiene and Hazardous Materials
jharley@slrconsulting.com

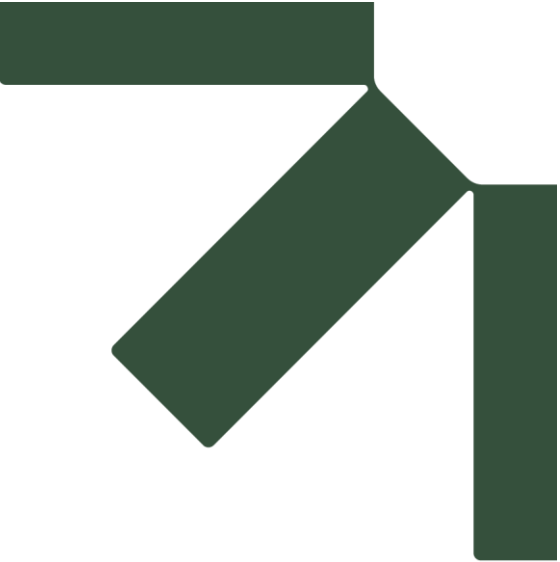


13.0 Feedback

At SLR, we are committed to delivering professional quality service to our clients. We are constantly looking for ways to improve the quality of our deliverables and our service to our clients. Client feedback is a valuable tool in helping us prioritise services and resources according to our client needs.

To achieve this, your feedback on the team's performance, deliverables and service are valuable and SLR welcome all feedback via <https://www.slrconsulting.com/en/feedback>. We recognise the value of your time and we will make a \$10 donation to our Charity Partner - Lifeline, for every completed form.





Appendix A Photographs

Air Quality Monitoring

**Western Sydney Cricket and Community Centre, 161 Silverwater Road, Sydney
Olympic Park NSW 2128**

New South Wales Cricket Association

SLR Project No.: 610.031278.00001

16 May 2025

Photo 1: Sample IA1



Photo 2: Sample IA2



Photo 3: Sample IA3



Photo 4: Sample IA4



Photo 5: Sample IA5



Photo 6: Sample IA6



Photo 7: Sample IA7

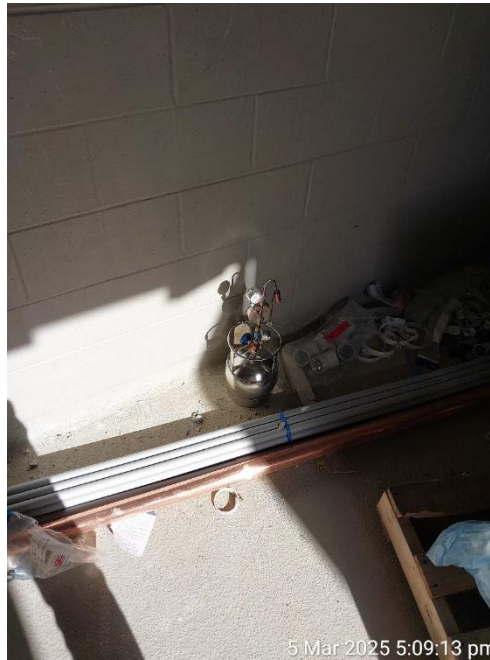


Photo 8: Sample IA8



Photo 9: Sample IA9



Photo 10: Sample IA11



Photo 11: Sample IA12



Photo 12: Sample IA13



Photo 13: Sample IA14

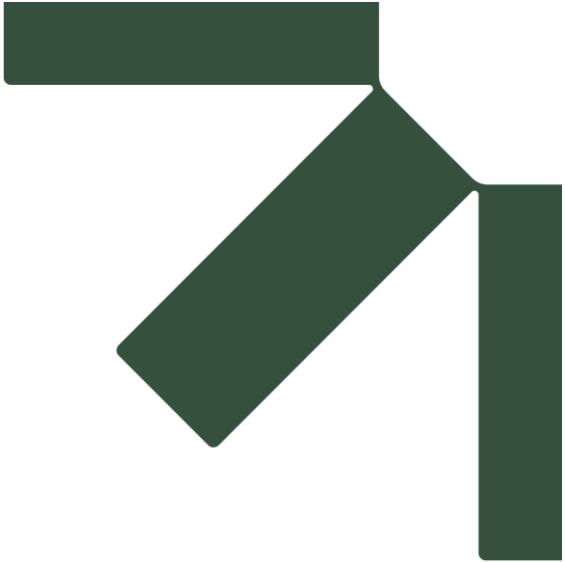


Photo 14: Sample IA16



Photo 15: Sample IA17





Appendix B Site Maps

Air Quality Monitoring

**Western Sydney Cricket and Community Centre, 161 Silverwater Road, Sydney
Olympic Park NSW 2128**

New South Wales Cricket Association

SLR Project No.: 610.031278.00001

16 May 2025



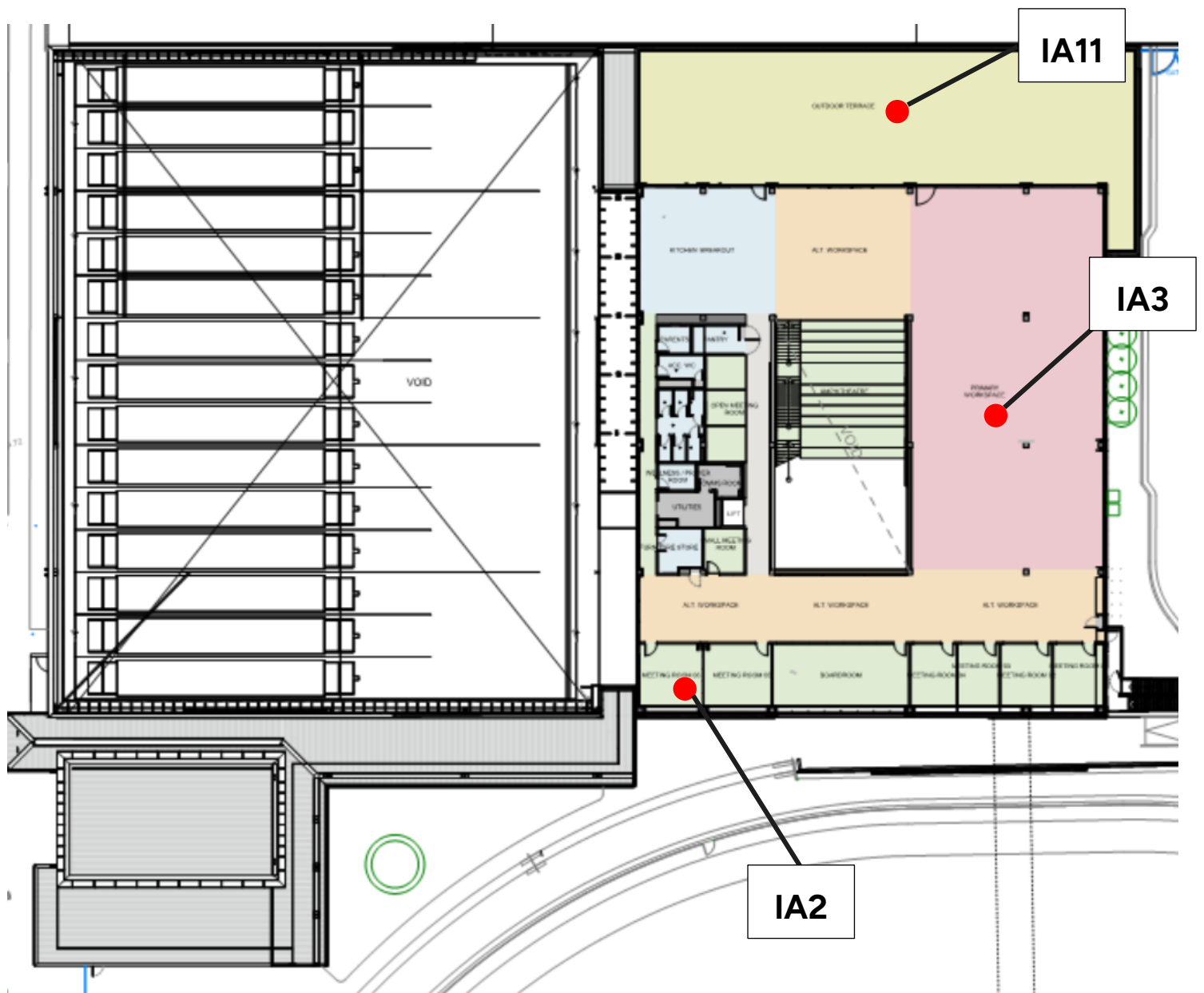


Figure 2 Sample locations to First Floor and Terrace of the Main Building

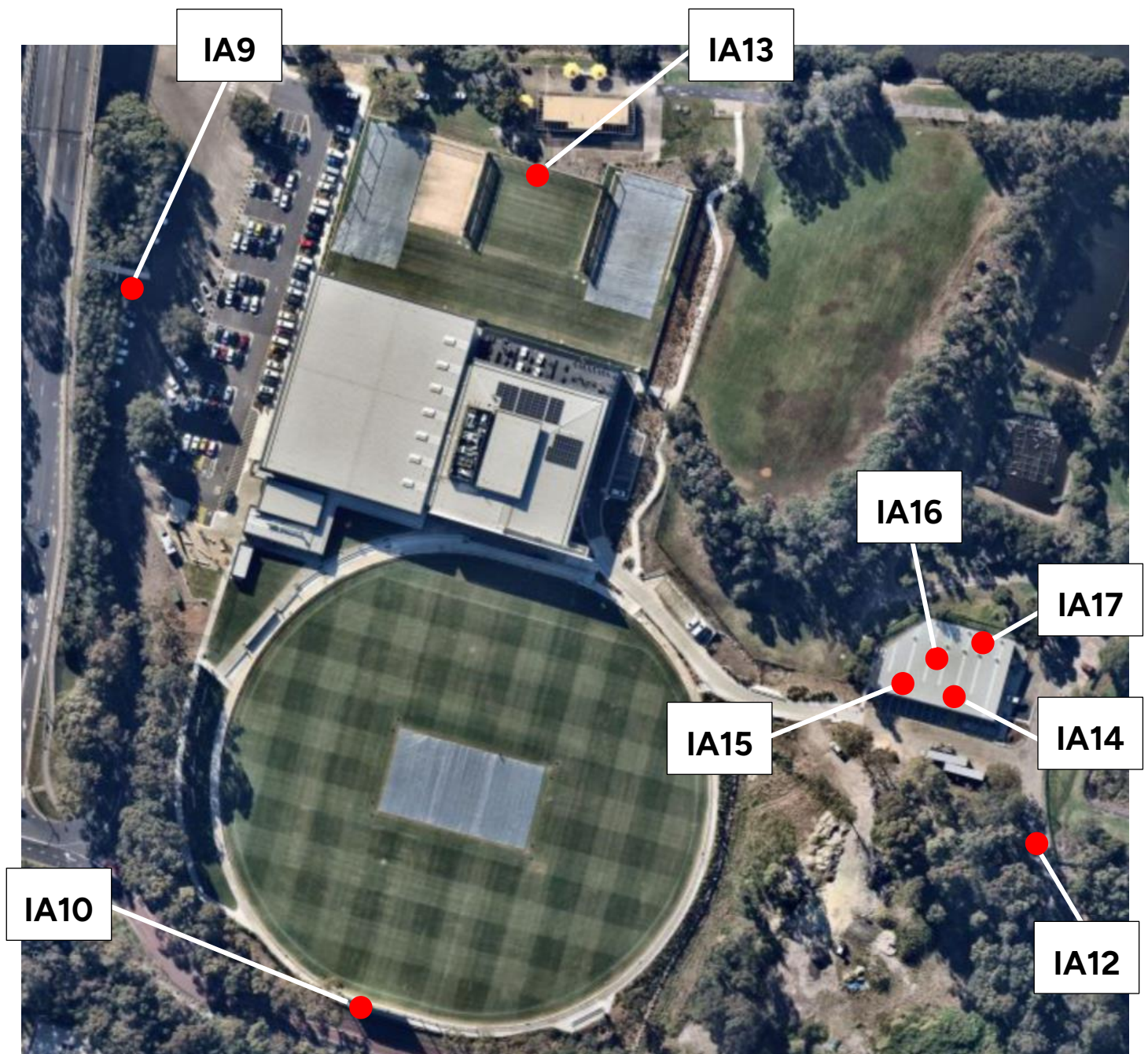
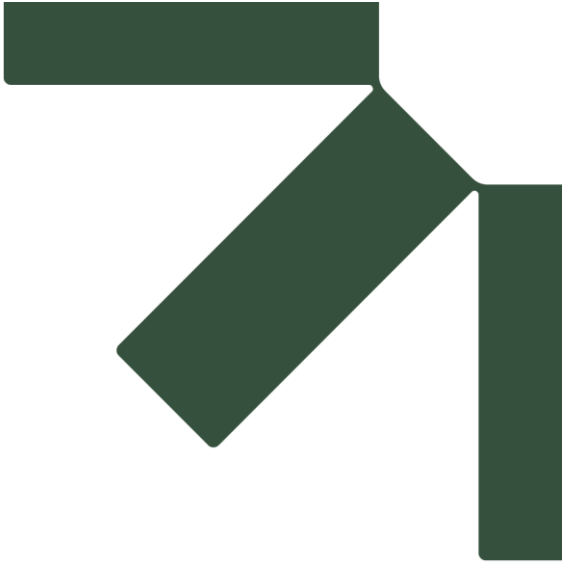


Figure 3 Sample locations to Outdoor and Maintenance Building



Appendix C Results/Laboratory Certificates

Air Quality Monitoring

**Western Sydney Cricket and Community Centre, 161 Silverwater Road, Sydney
Olympic Park NSW 2128**

New South Wales Cricket Association

SLR Project No.: 610.031278.00001

16 May 2025

CERTIFICATE OF ANALYSIS 375410

Client Details

Client	SLR Consulting Aust. Pty Ltd (Sydney)
Attention	Jordan Harley
Address	PO Box 2003, NORTH SYDNEY, NSW, 2059

Sample Details

Your Reference	<u>610.031278.00001</u>
Number of Samples	17 Air
Date samples received	12/03/2025
Date completed instructions received	12/03/2025

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	27/03/2025
Date of Issue	27/03/2025
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Jue Wang, Chemist (FAS)

Authorised By

Nancy Zhang, Laboratory Manager

TO15 in Canisters/Bags						
Our Reference		375410-1	375410-2	375410-3	375410-4	375410-5
Your Reference	UNITS	IA17	IA16	IA8	IA9	IA6
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		10662	322	10650	326	10652
Vacuum before Shipment	Hg"	-30	-30	-30	-30	-30
Vacuum before Analysis	Hg"	-5	-6	-6	-9	-7
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Propylene	ppbv	0.6	1	0.8	0.6	2
Dichlorodifluoromethane	ppbv	0.6	<0.5	0.5	<0.5	<0.5
Chloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorotetrafluoroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl chloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Butadiene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Bromomethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethanol	ppbv	7	10	30	8	9
Acrolein	ppbv	<5	<5	<5	<5	<5
Trichlorofluoromethane (Freon 11)	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Acetone	ppbv	<5	<5	10	7	10
Isopropyl Alcohol	ppbv	<5	<5	10	<5	<5
1,1-Dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorotrifluoroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene chloride (Dichloromethane)	ppbv	<5	<5	<5	<5	<5
Carbon Disulfide	ppbv	<5	<5	<5	<5	<5
trans-1,2-dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MTBE	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1- Dichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Acetate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MEK	ppbv	<5	<5	<5	<5	6
Hexane	ppbv	2	5	62	2	2
cis-1,2-Dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl Acetate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	ppbv	0.6	2	<0.5	0.5	0.5
Carbon tetrachloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5

TO15 in Canisters/Bags						
Our Reference	UNITS	375410-1	375410-2	375410-3	375410-4	375410-5
Your Reference		IA17	IA16	IA8	IA9	IA6
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		10662	322	10650	326	10652
Cyclohexane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Heptane	ppbv	<0.5	0.9	<0.5	<0.5	<0.5
Trichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dioxane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MIBK	ppbv	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	ppbv	2	9.5	1	0.6	5
1,1,2-Trichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Butyl Ketone	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	ppbv	<0.5	1	<0.5	<0.5	<0.5
m- & p-Xylene	ppbv	<1	3	<1	<1	1
Styrene	ppbv	<0.5	<0.5	<0.5	<0.5	1
o-Xylene	ppbv	<0.5	1	<0.5	<0.5	0.6
Bromoform	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
4-ethyl toluene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	ppbv	<0.5	1	<0.5	<0.5	0.7
1,3-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Benzyl chloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Naphthalene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Hexachloro- 1,3-butadiene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Surrogate-Bromochloromethane	% rec	114	107	106	104	103
Surrogate -1,4-Difluorobenzene	% rec	116	108	106	104	103
Surrogate-Chlorobenzene-D5	% rec	114	106	105	101	101

TO15 in Canisters/Bags						
Our Reference	UNITS	375410-6	375410-7	375410-8	375410-9	375410-10
Your Reference		IA7	IA13	IA10	IA14	IA4
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		339	345	10658	H3346	H3345
Vacuum before Shipment	Hg"	-30	-30	-30	-30	-30
Vacuum before Analysis	Hg"	-6	-7	-7	-8	-6
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Propylene	ppbv	0.9	1	<0.5	<0.5	<0.5
Dichlorodifluoromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorotetrafluoroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl chloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Butadiene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Bromomethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethanol	ppbv	20	<5	5	30	40
Acrolein	ppbv	<5	<5	<5	<5	<5
Trichlorofluoromethane (Freon 11)	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Acetone	ppbv	20	7	<5	10	7
Isopropyl Alcohol	ppbv	<5	<5	<5	10	9
1,1-Dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorotrifluoroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene chloride (Dichloromethane)	ppbv	<5	<5	<5	<5	<5
Carbon Disulfide	ppbv	<5	<5	<5	<5	<5
trans-1,2-dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MTBE	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1- Dichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Acetate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MEK	ppbv	96	<5	<5	<5	<5
Hexane	ppbv	1	1	3	5	2
cis-1,2-Dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl Acetate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	ppbv	12	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	ppbv	<0.5	<0.5	<0.5	2	<0.5
Carbon tetrachloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5

TO15 in Canisters/Bags						
Our Reference		375410-6	375410-7	375410-8	375410-9	375410-10
Your Reference	UNITS	IA7	IA13	IA10	IA14	IA4
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		339	345	10658	H3346	H3345
Cyclohexane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Heptane	ppbv	<0.5	<0.5	<0.5	0.9	<0.5
Trichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dioxane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MIBK	ppbv	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	ppbv	9.9	0.5	0.5	6.3	1
1,1,2-Trichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Butyl Ketone	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	ppbv	<0.5	<0.5	<0.5	0.7	<0.5
m- & p-Xylene	ppbv	<1	<1	<1	2	<1
Styrene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
o-Xylene	ppbv	<0.5	<0.5	<0.5	0.7	<0.5
Bromoform	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
4-ethyl toluene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	ppbv	<0.5	<0.5	<0.5	0.8	<0.5
1,3-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Benzyl chloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Naphthalene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Hexachloro- 1,3-butadiene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Surrogate-Bromochloromethane	% rec	92	93	93	93	92
Surrogate -1,4-Difluorobenzene	% rec	91	90	90	90	90
Surrogate-Chlorobenzene-D5	% rec	89	88	88	88	89

TO15 in Canisters/Bags						
Our Reference	UNITS	375410-11	375410-12	375410-13	375410-14	375410-15
Your Reference		IA12	IA2	IA3	IA5	IA11
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		H2843	H3349	H2873	H2861	H3627
Vacuum before Shipment	Hg"	-30	-30	-30	-30	-30
Vacuum before Analysis	Hg"	-10	-12	-10	-8	-11
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Propylene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorotetrafluoroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl chloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Butadiene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Bromomethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethanol	ppbv	5	<5	20	20	<5
Acrolein	ppbv	<5	<5	<5	<5	<5
Trichlorofluoromethane (Freon 11)	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Acetone	ppbv	<5	<5	6	20	<5
Isopropyl Alcohol	ppbv	<5	6	6	8	20
1,1-Dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorotrifluoroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene chloride (Dichloromethane)	ppbv	<5	<5	<5	<5	<5
Carbon Disulfide	ppbv	<5	<5	<5	<5	<5
trans-1,2-dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MTBE	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1- Dichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Acetate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MEK	ppbv	<5	<5	<5	9	<5
Hexane	ppbv	<0.5	<0.5	<0.5	1	<0.5
cis-1,2-Dichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethyl Acetate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5

TO15 in Canisters/Bags						
Our Reference	UNITS	375410-11	375410-12	375410-13	375410-14	375410-15
Your Reference		IA12	IA2	IA3	IA5	IA11
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		H2843	H3349	H2873	H2861	H3627
Cyclohexane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Heptane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dioxane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Methacrylate	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
MIBK	ppbv	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	ppbv	<0.5	0.9	1	2	0.6
1,1,2-Trichloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl Butyl Ketone	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
m- & p-Xylene	ppbv	<1	<1	<1	<1	<1
Styrene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
o-Xylene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
4-ethyl toluene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Benzyl chloride	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Naphthalene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Hexachloro- 1,3-butadiene	ppbv	<0.5	<0.5	<0.5	<0.5	<0.5
Surrogate-Bromochloromethane	% rec	87	84	84	82	82
Surrogate -1,4-Difluorobenzene	% rec	84	81	80	79	79
Surrogate-Chlorobenzene-D5	% rec	84	81	81	80	80

TO15 in Canisters/Bags			
Our Reference		375410-16	375410-17
Your Reference	UNITS	IA1	IA15
Date Sampled		05/03/2025	05/03/2025
Type of sample		Air	Air
Air Kit Security No.		H3343	H3619
Vacuum before Shipment	Hg"	-30	-30
Vacuum before Analysis	Hg"	-12	-14
Date prepared	-	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025
Propylene	ppbv	<0.5	<0.5
Dichlorodifluoromethane	ppbv	<0.5	<0.5
Chloromethane	ppbv	<0.5	<0.5
1,2-Dichlorotetrafluoroethane	ppbv	<0.5	<0.5
Vinyl chloride	ppbv	<0.5	<0.5
1,3-Butadiene	ppbv	<0.5	<0.5
Bromomethane	ppbv	<0.5	<0.5
Chloroethane	ppbv	<0.5	<0.5
Ethanol	ppbv	20	10
Acrolein	ppbv	<5	<5
Trichlorofluoromethane (Freon 11)	ppbv	<0.5	<0.5
Acetone	ppbv	<5	<5
Isopropyl Alcohol	ppbv	9	10
1,1-Dichloroethene	ppbv	<0.5	<0.5
1,1,2-Trichlorotrifluoroethane	ppbv	<0.5	<0.5
Methylene chloride (Dichloromethane)	ppbv	<5	<5
Carbon Disulfide	ppbv	<5	<5
trans-1,2-dichloroethene	ppbv	<0.5	<0.5
MTBE	ppbv	<0.5	<0.5
1,1- Dichloroethane	ppbv	<0.5	<0.5
Vinyl Acetate	ppbv	<0.5	<0.5
MEK	ppbv	<5	<5
Hexane	ppbv	<0.5	1
cis-1,2-Dichloroethene	ppbv	<0.5	<0.5
Ethyl Acetate	ppbv	<0.5	<0.5
Chloroform	ppbv	3	<0.5
Tetrahydrofuran	ppbv	<0.5	<0.5
1,1,1-Trichloroethane	ppbv	<0.5	<0.5
1,2-Dichloroethane	ppbv	<0.5	<0.5
Benzene	ppbv	<0.5	0.6
Carbon tetrachloride	ppbv	<0.5	<0.5

TO15 in Canisters/Bags			
Our Reference		375410-16	375410-17
Your Reference	UNITS	IA1	IA15
Date Sampled		05/03/2025	05/03/2025
Type of sample		Air	Air
Air Kit Security No.		H3343	H3619
Cyclohexane	ppbv	<0.5	<0.5
Heptane	ppbv	<0.5	<0.5
Trichloroethene	ppbv	<0.5	<0.5
1,2-Dichloropropane	ppbv	<0.5	<0.5
1,4-Dioxane	ppbv	<0.5	<0.5
Bromodichloromethane	ppbv	<0.5	<0.5
Methyl Methacrylate	ppbv	<0.5	<0.5
MIBK	ppbv	<5	<5
cis-1,3-Dichloropropene	ppbv	<0.5	<0.5
trans-1,3-Dichloropropene	ppbv	<0.5	<0.5
Toluene	ppbv	0.8	2
1,1,2-Trichloroethane	ppbv	<0.5	<0.5
Methyl Butyl Ketone	ppbv	<0.5	<0.5
Dibromochloromethane	ppbv	<0.5	<0.5
Tetrachloroethene	ppbv	<0.5	<0.5
1,2-Dibromoethane	ppbv	<0.5	<0.5
Chlorobenzene	ppbv	<0.5	<0.5
Ethylbenzene	ppbv	<0.5	<0.5
m- & p-Xylene	ppbv	<1	<1
Styrene	ppbv	<0.5	<0.5
o-Xylene	ppbv	<0.5	<0.5
Bromoform	ppbv	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ppbv	<0.5	<0.5
4-ethyl toluene	ppbv	<0.5	<0.5
1,3,5-Trimethylbenzene	ppbv	<0.5	<0.5
1,2,4-Trimethylbenzene	ppbv	<0.5	<0.5
1,3-Dichlorobenzene	ppbv	<0.5	<0.5
Benzyl chloride	ppbv	<0.5	<0.5
1,4-Dichlorobenzene	ppbv	<0.5	<0.5
1,2-Dichlorobenzene	ppbv	<0.5	<0.5
1,2,4-Trichlorobenzene	ppbv	<0.5	<0.5
Naphthalene	ppbv	<0.5	<0.5
Hexachloro- 1,3-butadiene	ppbv	<0.5	<0.5
Surrogate-Bromochloromethane	% rec	75	74
Surrogate -1,4-Difluorobenzene	% rec	70	70
Surrogate-Chlorobenzene-D5	% rec	71	71

TO15 in Canisters µg/m³

Our Reference		375410-1	375410-2	375410-3	375410-4	375410-5
Your Reference	UNITS	IA17	IA16	IA8	IA9	IA6
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		10662	322	10650	326	10652
Vacuum before Shipment	Hg"	-30	-30	-30	-30	-30
Vacuum before Analysis	Hg"	-5	-6	-6	-9	-7
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Propylene	µg/m ³	1	2	1	1	3
Dichlorodifluoromethane	µg/m ³	3	<2.5	3	<2.5	<2.5
Chloromethane	µg/m ³	<1	<1	<1	<1	<1
1,2-Dichlorotetrafluoroethane	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
Vinyl chloride	µg/m ³	<1.3	<1.3	<1.3	<1.3	<1.3
1,3-Butadiene	µg/m ³	<1.1	<1.1	<1.1	<1.1	<1.1
Bromomethane	µg/m ³	<1.9	<1.9	<1.9	<1.9	<1.9
Chloroethane	µg/m ³	<1.3	<1.3	<1.3	<1.3	<1.3
Ethanol	µg/m ³	10	20	60	10	20
Acrolein	µg/m ³	<11	<11	<11	<11	<11
Trichlorofluoromethane (Freon 11)	µg/m ³	<2.8	<2.8	<2.8	<2.8	<2.8
Acetone	µg/m ³	<11.9	<11.9	30	20	30
Isopropyl Alcohol	µg/m ³	<12	<12	20	<12	<12
1,1-Dichloroethene	µg/m ³	<2	<2	<2	<2	<2
1,1,2-Trichlorotrifluoroethane	µg/m ³	<3.8	<3.8	<3.8	<3.8	<3.8
Methylene chloride (Dichloromethane)	µg/m ³	<17	<17	<17	<17	<17
Carbon Disulfide	µg/m ³	<16	<16	<16	<16	<16
trans-1,2-dichloroethene	µg/m ³	<2	<2	<2	<2	<2
MTBE	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
1,1- Dichloroethane	µg/m ³	<2	<2	<2	<2	<2
Vinyl Acetate	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
MEK	µg/m ³	<15	<15	<15	<15	17
Hexane	µg/m ³	7	20	220	8	8
cis-1,2-Dichloroethene	µg/m ³	<2	<2	<2	<2	<2
Ethyl Acetate	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
Chloroform	µg/m ³	<2.4	<2.4	<2.4	<2.4	<2.4
Tetrahydrofuran	µg/m ³	<1.5	<1.5	<1.5	<1.5	<1.5
1,1,1-Trichloroethane	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
1,2-Dichloroethane	µg/m ³	<2	<2	<2	<2	<2
Benzene	µg/m ³	2	5	<1.6	2	2
Carbon tetrachloride	µg/m ³	<3.1	<3.1	<3.1	<3.1	<3.1

TO15 in Canisters µg/m3

Our Reference		375410-1	375410-2	375410-3	375410-4	375410-5
Your Reference	UNITS	IA17	IA16	IA8	IA9	IA6
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		10662	322	10650	326	10652
Cyclohexane	µg/m ³	<1.7	<1.7	<1.7	<1.7	<1.7
Heptane	µg/m ³	<2	4	<2	<2	<2
Trichloroethene	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
1,2-Dichloropropane	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
1,4-Dioxane	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
Bromodichloromethane	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
Methyl Methacrylate	µg/m ³	<2	<2	<2	<2	<2
MIBK	µg/m ³	<20	<20	<20	<20	<20
cis-1,3-Dichloropropene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
trans-1,3-Dichloropropene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
Toluene	µg/m ³	9	36	5	2	20
1,1,2-Trichloroethane	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
Methyl Butyl Ketone	µg/m ³	<2	<2	<2	<2	<2
Dibromochloromethane	µg/m ³	<1.6	<1.6	<1.6	<1.6	<1.6
Tetrachloroethene	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
1,2-Dibromoethane	µg/m ³	<3.8	<3.8	<3.8	<3.8	<3.8
Chlorobenzene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
Ethylbenzene	µg/m ³	<2.2	5	<2.2	<2.2	<2.2
m- & p-Xylene	µg/m ³	<4.3	10	<4.3	<4.3	5
Styrene	µg/m ³	<2.1	<2.1	<2.1	<2.1	4
o-Xylene	µg/m ³	<2.2	5	<2.2	<2.2	3
Bromoform	µg/m ³	<5.2	<5.2	<5.2	<5.2	<5.2
1,1,2,2-Tetrachloroethane	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
4-ethyl toluene	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	µg/m ³	<2.5	6	<2.5	<2.5	3
1,3-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
Benzyl chloride	µg/m ³	<2.6	<2.6	<2.6	<2.6	<2.6
1,4-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
1,2-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
1,2,4-Trichlorobenzene	µg/m ³	<3.7	<3.7	<3.7	<3.7	<3.7
Naphthalene	µg/m ³	<2.6	<2.6	<2.6	<2.6	<2.6
Hexachloro- 1,3-butadiene	µg/m ³	<5.3	<5.3	<5.3	<5.3	<5.3
Surrogate-Bromochloromethane	% rec	114	107	106	104	103
Surrogate -1,4-Difluorobenzene	% rec	116	108	106	104	103
Surrogate-Chlorobenzene-D5	% rec	114	106	105	101	101

TO15 in Canisters µg/m3						
Our Reference		375410-6	375410-7	375410-8	375410-9	375410-10
Your Reference	UNITS	IA7	IA13	IA10	IA14	IA4
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		339	345	10658	H3346	H3345
Vacuum before Shipment	Hg"	-30	-30	-30	-30	-30
Vacuum before Analysis	Hg"	-6	-7	-7	-8	-6
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Propylene	µg/m ³	2	2	<0.9	<0.9	<0.9
Dichlorodifluoromethane	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	µg/m ³	<1	<1	<1	<1	<1
1,2-Dichlorotetrafluoroethane	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
Vinyl chloride	µg/m ³	<1.3	<1.3	<1.3	<1.3	<1.3
1,3-Butadiene	µg/m ³	<1.1	<1.1	<1.1	<1.1	<1.1
Bromomethane	µg/m ³	<1.9	<1.9	<1.9	<1.9	<1.9
Chloroethane	µg/m ³	<1.3	<1.3	<1.3	<1.3	<1.3
Ethanol	µg/m ³	30	<9	10	50	80
Acrolein	µg/m ³	<11	<11	<11	<11	<11
Trichlorofluoromethane (Freon 11)	µg/m ³	<2.8	<2.8	<2.8	<2.8	<2.8
Acetone	µg/m ³	40	20	<11.9	30	20
Isopropyl Alcohol	µg/m ³	<12	<12	<12	30	20
1,1-Dichloroethene	µg/m ³	<2	<2	<2	<2	<2
1,1,2-Trichlorotrifluoroethane	µg/m ³	<3.8	<3.8	<3.8	<3.8	<3.8
Methylene chloride (Dichloromethane)	µg/m ³	<17	<17	<17	<17	<17
Carbon Disulfide	µg/m ³	<16	<16	<16	<16	<16
trans-1,2-dichloroethene	µg/m ³	<2	<2	<2	<2	<2
MTBE	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
1,1- Dichloroethane	µg/m ³	<2	<2	<2	<2	<2
Vinyl Acetate	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
MEK	µg/m ³	280	<15	<15	<15	<15
Hexane	µg/m ³	5	4	10	20	7
cis-1,2-Dichloroethene	µg/m ³	<2	<2	<2	<2	<2
Ethyl Acetate	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
Chloroform	µg/m ³	<2.4	<2.4	<2.4	<2.4	<2.4
Tetrahydrofuran	µg/m ³	36	<1.5	<1.5	<1.5	<1.5
1,1,1-Trichloroethane	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
1,2-Dichloroethane	µg/m ³	<2	<2	<2	<2	<2
Benzene	µg/m ³	<1.6	<1.6	<1.6	5	<1.6
Carbon tetrachloride	µg/m ³	<3.1	<3.1	<3.1	<3.1	<3.1

TO15 in Canisters µg/m3						
Our Reference		375410-6	375410-7	375410-8	375410-9	375410-10
Your Reference	UNITS	IA7	IA13	IA10	IA14	IA4
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		339	345	10658	H3346	H3345
Cyclohexane	µg/m ³	<1.7	<1.7	<1.7	<1.7	<1.7
Heptane	µg/m ³	<2	<2	<2	4	<2
Trichloroethene	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
1,2-Dichloropropane	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
1,4-Dioxane	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
Bromodichloromethane	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
Methyl Methacrylate	µg/m ³	<2	<2	<2	<2	<2
MIBK	µg/m ³	<20	<20	<20	<20	<20
cis-1,3-Dichloropropene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
trans-1,3-Dichloropropene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
Toluene	µg/m ³	37	2	2	24	4
1,1,2-Trichloroethane	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
Methyl Butyl Ketone	µg/m ³	<2	<2	<2	<2	<2
Dibromochloromethane	µg/m ³	<1.6	<1.6	<1.6	<1.6	<1.6
Tetrachloroethene	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
1,2-Dibromoethane	µg/m ³	<3.8	<3.8	<3.8	<3.8	<3.8
Chlorobenzene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
Ethylbenzene	µg/m ³	<2.2	<2.2	<2.2	3	<2.2
m- & p-Xylene	µg/m ³	<4.3	<4.3	<4.3	8	<4.3
Styrene	µg/m ³	<2.1	<2.1	<2.1	<2.1	<2.1
o-Xylene	µg/m ³	<2.2	<2.2	<2.2	3	<2.2
Bromoform	µg/m ³	<5.2	<5.2	<5.2	<5.2	<5.2
1,1,2,2-Tetrachloroethane	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
4-ethyl toluene	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	µg/m ³	<2.5	<2.5	<2.5	4	<2.5
1,3-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
Benzyl chloride	µg/m ³	<2.6	<2.6	<2.6	<2.6	<2.6
1,4-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
1,2-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
1,2,4-Trichlorobenzene	µg/m ³	<3.7	<3.7	<3.7	<3.7	<3.7
Naphthalene	µg/m ³	<2.6	<2.6	<2.6	<2.6	<2.6
Hexachloro- 1,3-butadiene	µg/m ³	<5.3	<5.3	<5.3	<5.3	<5.3
Surrogate-Bromochloromethane	% rec	92	93	93	93	92
Surrogate -1,4-Difluorobenzene	% rec	91	90	90	90	90
Surrogate-Chlorobenzene-D5	% rec	89	88	88	88	89

TO15 in Canisters µg/m3						
Our Reference	UNITS	375410-11	375410-12	375410-13	375410-14	375410-15
Your Reference		IA12	IA2	IA3	IA5	IA11
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		H2843	H3349	H2873	H2861	H3627
Vacuum before Shipment	Hg"	-30	-30	-30	-30	-30
Vacuum before Analysis	Hg"	-10	-12	-10	-8	-11
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Propylene	µg/m ³	<0.9	<0.9	<0.9	<0.9	<0.9
Dichlorodifluoromethane	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	µg/m ³	<1	<1	<1	<1	<1
1,2-Dichlorotetrafluoroethane	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
Vinyl chloride	µg/m ³	<1.3	<1.3	<1.3	<1.3	<1.3
1,3-Butadiene	µg/m ³	<1.1	<1.1	<1.1	<1.1	<1.1
Bromomethane	µg/m ³	<1.9	<1.9	<1.9	<1.9	<1.9
Chloroethane	µg/m ³	<1.3	<1.3	<1.3	<1.3	<1.3
Ethanol	µg/m ³	10	<9	40	30	<9
Acrolein	µg/m ³	<11	<11	<11	<11	<11
Trichlorofluoromethane (Freon 11)	µg/m ³	<2.8	<2.8	<2.8	<2.8	<2.8
Acetone	µg/m ³	<11.9	<11.9	10	40	<11.9
Isopropyl Alcohol	µg/m ³	<12	10	10	20	50
1,1-Dichloroethene	µg/m ³	<2	<2	<2	<2	<2
1,1,2-Trichlorotrifluoroethane	µg/m ³	<3.8	<3.8	<3.8	<3.8	<3.8
Methylene chloride (Dichloromethane)	µg/m ³	<17	<17	<17	<17	<17
Carbon Disulfide	µg/m ³	<16	<16	<16	<16	<16
trans-1,2-dichloroethene	µg/m ³	<2	<2	<2	<2	<2
MTBE	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
1,1- Dichloroethane	µg/m ³	<2	<2	<2	<2	<2
Vinyl Acetate	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
MEK	µg/m ³	<15	<15	<15	28	<15
Hexane	µg/m ³	<1.8	<1.8	<1.8	5	<1.8
cis-1,2-Dichloroethene	µg/m ³	<2	<2	<2	<2	<2
Ethyl Acetate	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
Chloroform	µg/m ³	<2.4	<2.4	<2.4	<2.4	<2.4
Tetrahydrofuran	µg/m ³	<1.5	<1.5	<1.5	<1.5	<1.5
1,1,1-Trichloroethane	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
1,2-Dichloroethane	µg/m ³	<2	<2	<2	<2	<2
Benzene	µg/m ³	<1.6	<1.6	<1.6	<1.6	<1.6
Carbon tetrachloride	µg/m ³	<3.1	<3.1	<3.1	<3.1	<3.1

TO15 in Canisters µg/m3						
Our Reference		375410-11	375410-12	375410-13	375410-14	375410-15
Your Reference	UNITS	IA12	IA2	IA3	IA5	IA11
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		H2843	H3349	H2873	H2861	H3627
Cyclohexane	µg/m ³	<1.7	<1.7	<1.7	<1.7	<1.7
Heptane	µg/m ³	<2	<2	<2	<2	<2
Trichloroethene	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
1,2-Dichloropropane	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
1,4-Dioxane	µg/m ³	<1.8	<1.8	<1.8	<1.8	<1.8
Bromodichloromethane	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
Methyl Methacrylate	µg/m ³	<2	<2	<2	<2	<2
MIBK	µg/m ³	<20	<20	<20	<20	<20
cis-1,3-Dichloropropene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
trans-1,3-Dichloropropene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
Toluene	µg/m ³	<1.9	3	4	8	2
1,1,2-Trichloroethane	µg/m ³	<2.7	<2.7	<2.7	<2.7	<2.7
Methyl Butyl Ketone	µg/m ³	<2	<2	<2	<2	<2
Dibromochloromethane	µg/m ³	<1.6	<1.6	<1.6	<1.6	<1.6
Tetrachloroethene	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
1,2-Dibromoethane	µg/m ³	<3.8	<3.8	<3.8	<3.8	<3.8
Chlorobenzene	µg/m ³	<2.3	<2.3	<2.3	<2.3	<2.3
Ethylbenzene	µg/m ³	<2.2	<2.2	<2.2	<2.2	<2.2
m- & p-Xylene	µg/m ³	<4.3	<4.3	<4.3	<4.3	<4.3
Styrene	µg/m ³	<2.1	<2.1	<2.1	<2.1	<2.1
o-Xylene	µg/m ³	<2.2	<2.2	<2.2	<2.2	<2.2
Bromoform	µg/m ³	<5.2	<5.2	<5.2	<5.2	<5.2
1,1,2,2-Tetrachloroethane	µg/m ³	<3.4	<3.4	<3.4	<3.4	<3.4
4-ethyl toluene	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	µg/m ³	<2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
Benzyl chloride	µg/m ³	<2.6	<2.6	<2.6	<2.6	<2.6
1,4-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
1,2-Dichlorobenzene	µg/m ³	<3	<3	<3	<3	<3
1,2,4-Trichlorobenzene	µg/m ³	<3.7	<3.7	<3.7	<3.7	<3.7
Naphthalene	µg/m ³	<2.6	<2.6	<2.6	<2.6	<2.6
Hexachloro- 1,3-butadiene	µg/m ³	<5.3	<5.3	<5.3	<5.3	<5.3
Surrogate-Bromochloromethane	% rec	87	84	84	82	82
Surrogate -1,4-Difluorobenzene	% rec	84	81	80	79	79
Surrogate-Chlorobenzene-D5	% rec	84	81	81	80	80

TO15 in Canisters µg/m3			
Our Reference		375410-16	375410-17
Your Reference	UNITS	IA1	IA15
Date Sampled		05/03/2025	05/03/2025
Type of sample		Air	Air
Air Kit Security No.		H3343	H3619
Vacuum before Shipment	Hg"	-30	-30
Vacuum before Analysis	Hg"	-12	-14
Date prepared	-	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025
Propylene	µg/m ³	<0.9	<0.9
Dichlorodifluoromethane	µg/m ³	<2.5	<2.5
Chloromethane	µg/m ³	<1	<1
1,2-Dichlorotetrafluoroethane	µg/m ³	<2.5	<2.5
Vinyl chloride	µg/m ³	<1.3	<1.3
1,3-Butadiene	µg/m ³	<1.1	<1.1
Bromomethane	µg/m ³	<1.9	<1.9
Chloroethane	µg/m ³	<1.3	<1.3
Ethanol	µg/m ³	40	30
Acrolein	µg/m ³	<11	<11
Trichlorofluoromethane (Freon 11)	µg/m ³	<2.8	<2.8
Acetone	µg/m ³	<11.9	<11.9
Isopropyl Alcohol	µg/m ³	20	30
1,1-Dichloroethene	µg/m ³	<2	<2
1,1,2-Trichlorotrifluoroethane	µg/m ³	<3.8	<3.8
Methylene chloride (Dichloromethane)	µg/m ³	<17	<17
Carbon Disulfide	µg/m ³	<16	<16
trans-1,2-dichloroethene	µg/m ³	<2	<2
MTBE	µg/m ³	<1.8	<1.8
1,1- Dichloroethane	µg/m ³	<2	<2
Vinyl Acetate	µg/m ³	<1.8	<1.8
MEK	µg/m ³	<15	<15
Hexane	µg/m ³	<1.8	4
cis-1,2-Dichloroethene	µg/m ³	<2	<2
Ethyl Acetate	µg/m ³	<1.8	<1.8
Chloroform	µg/m ³	20	<2.4
Tetrahydrofuran	µg/m ³	<1.5	<1.5
1,1,1-Trichloroethane	µg/m ³	<2.7	<2.7
1,2-Dichloroethane	µg/m ³	<2	<2
Benzene	µg/m ³	<1.6	2
Carbon tetrachloride	µg/m ³	<3.1	<3.1

TO15 in Canisters µg/m3			
Our Reference		375410-16	375410-17
Your Reference	UNITS	IA1	IA15
Date Sampled		05/03/2025	05/03/2025
Type of sample		Air	Air
Air Kit Security No.		H3343	H3619
Cyclohexane	µg/m ³	<1.7	<1.7
Heptane	µg/m ³	<2	<2
Trichloroethene	µg/m ³	<2.7	<2.7
1,2-Dichloropropane	µg/m ³	<2.3	<2.3
1,4-Dioxane	µg/m ³	<1.8	<1.8
Bromodichloromethane	µg/m ³	<3.4	<3.4
Methyl Methacrylate	µg/m ³	<2	<2
MIBK	µg/m ³	<20	<20
cis-1,3-Dichloropropene	µg/m ³	<2.3	<2.3
trans-1,3-Dichloropropene	µg/m ³	<2.3	<2.3
Toluene	µg/m ³	3	9
1,1,2-Trichloroethane	µg/m ³	<2.7	<2.7
Methyl Butyl Ketone	µg/m ³	<2	<2
Dibromochloromethane	µg/m ³	<1.6	<1.6
Tetrachloroethene	µg/m ³	<3.4	<3.4
1,2-Dibromoethane	µg/m ³	<3.8	<3.8
Chlorobenzene	µg/m ³	<2.3	<2.3
Ethylbenzene	µg/m ³	<2.2	<2.2
m- & p-Xylene	µg/m ³	<4.3	<4.3
Styrene	µg/m ³	<2.1	<2.1
o-Xylene	µg/m ³	<2.2	<2.2
Bromoform	µg/m ³	<5.2	<5.2
1,1,2,2-Tetrachloroethane	µg/m ³	<3.4	<3.4
4-ethyl toluene	µg/m ³	<2.5	<2.5
1,3,5-Trimethylbenzene	µg/m ³	<2.5	<2.5
1,2,4-Trimethylbenzene	µg/m ³	<2.5	<2.5
1,3-Dichlorobenzene	µg/m ³	<3	<3
Benzyl chloride	µg/m ³	<2.6	<2.6
1,4-Dichlorobenzene	µg/m ³	<3	<3
1,2-Dichlorobenzene	µg/m ³	<3	<3
1,2,4-Trichlorobenzene	µg/m ³	<3.7	<3.7
Naphthalene	µg/m ³	<2.6	<2.6
Hexachloro- 1,3-butadiene	µg/m ³	<5.3	<5.3
Surrogate-Bromochloromethane	% rec	75	74
Surrogate -1,4-Difluorobenzene	% rec	70	70
Surrogate-Chlorobenzene-D5	% rec	71	71

TPH Air/ Air Phase Hydrocarbon

Our Reference		375410-1	375410-2	375410-3	375410-4	375410-5
Your Reference	UNITS	IA17	IA16	IA8	IA9	IA6
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		10662	322	10650	326	10652
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
TPH C ₅ - C ₈ Aliphatic	µg/m ³	<200	<200	250	<200	<200
TPH C ₉ - C ₁₂ Aliphatic	µg/m ³	<50	<50	<50	<50	<50
TPH C ₉ - C ₁₀ Aromatic	µg/m ³	<100	<100	<100	<100	<100
TPH C ₆ - C ₁₀ - BTEX (F1)	µg/m ³	<200	<200	<200	<200	<200
TPH >C ₁₀ - C ₁₂ - Naphthalene (F2)	µg/m ³	<40	<40	<40	<40	<40

TPH Air/ Air Phase Hydrocarbon

Our Reference		375410-6	375410-7	375410-8	375410-9	375410-10
Your Reference	UNITS	IA7	IA13	IA10	IA14	IA4
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		339	345	10658	H3346	H3345
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
TPH C ₅ - C ₈ Aliphatic	µg/m ³	270	<200	<200	<200	<200
TPH C ₉ - C ₁₂ Aliphatic	µg/m ³	<50	<50	<50	<50	<50
TPH C ₉ - C ₁₀ Aromatic	µg/m ³	<100	<100	<100	<100	<100
TPH C ₆ - C ₁₀ - BTEX (F1)	µg/m ³	<200	<200	<200	<200	<200
TPH >C ₁₀ - C ₁₂ - Naphthalene (F2)	µg/m ³	<40	<40	<40	<40	<40

TPH Air/ Air Phase Hydrocarbon

Our Reference		375410-11	375410-12	375410-13	375410-14	375410-15
Your Reference	UNITS	IA12	IA2	IA3	IA5	IA11
Date Sampled		05/03/2025	05/03/2025	05/03/2025	05/03/2025	05/03/2025
Type of sample		Air	Air	Air	Air	Air
Air Kit Security No.		H2843	H3349	H2873	H2861	H3627
Date prepared	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025	20/03/2025	20/03/2025	20/03/2025
TPH C ₅ - C ₈ Aliphatic	µg/m ³	<200	<200	<200	<200	<200
TPH C ₉ - C ₁₂ Aliphatic	µg/m ³	<50	<50	<50	<50	<50
TPH C ₉ - C ₁₀ Aromatic	µg/m ³	<100	<100	<100	<100	<100
TPH C ₆ - C ₁₀ - BTEX (F1)	µg/m ³	<200	<200	<200	<200	<200
TPH >C ₁₀ - C ₁₂ - Naphthalene (F2)	µg/m ³	<40	<40	<40	<40	<40

TPH Air/ Air Phase Hydrocarbon			
Our Reference		375410-16	375410-17
Your Reference	UNITS	IA1	IA15
Date Sampled		05/03/2025	05/03/2025
Type of sample		Air	Air
Air Kit Security No.		H3343	H3619
Date prepared	-	20/03/2025	20/03/2025
Date analysed	-	20/03/2025	20/03/2025
TPH C ₅ - C ₈ Aliphatic	µg/m ³	<200	<200
TPH C ₉ - C ₁₂ Aliphatic	µg/m ³	<50	<50
TPH C ₉ - C ₁₀ Aromatic	µg/m ³	<100	<100
TPH C ₆ - C ₁₀ - BTEX (F1)	µg/m ³	<200	<200
TPH >C ₁₀ - C ₁₂ - Naphthalene (F2)	µg/m ³	<40	<40

Method ID	Methodology Summary
AT-005	Measurement of Air-Phase Petroleum Hydrocarbons and Ozone Precursors by GC-MS.
TO15	USEPA TO15 - Analysis of VOC's in air using USEPA TO15 and in house method AT-002. Note, longer term stability of some oxygenated compounds is questionable where significant humidity is present.
USEPA 18	Measurement of Gaseous Organic Compound Emissions by Gas Chromatography using USEPA m18.

QUALITY CONTROL: TO15 in Canisters/Bags						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Vacuum before Shipment	Hg"			[NT]	1	-30	-30	0	[NT]	[NT]
Vacuum before Analysis	Hg"			[NT]	1	-5	-5	0	[NT]	[NT]
Date prepared	-			20/03/2025	1	20/03/2025	20/03/2025		20/03/2025	[NT]
Date analysed	-			20/03/2025	1	20/03/2025	20/03/2025		20/03/2025	[NT]
Propylene	ppbv	0.5	TO15	<0.5	1	0.6	0.6	0	113	[NT]
Dichlorodifluoromethane	ppbv	0.5	TO15	<0.5	1	0.6	0.5	18	[NT]	[NT]
Chloromethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichlorotetrafluoroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Vinyl chloride	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,3-Butadiene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Bromomethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Chloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Ethanol	ppbv	5	TO15	<5	1	7	8	13	[NT]	[NT]
Acrolein	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
Trichlorofluoromethane (Freon 11)	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Acetone	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
Isopropyl Alcohol	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
1,1-Dichloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,1,2-Trichlorotrifluoroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Methylene chloride (Dichloromethane)	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
Carbon Disulfide	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
trans-1,2-dichloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
MTBE	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,1- Dichloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Vinyl Acetate	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
MEK	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
Hexane	ppbv	0.5	TO15	<0.5	1	2	2	0	97	[NT]
cis-1,2-Dichloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Ethyl Acetate	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Chloroform	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Tetrahydrofuran	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,1,1-Trichloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Benzene	ppbv	0.5	TO15	<0.5	1	0.6	0.6	0	97	[NT]
Carbon tetrachloride	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Cyclohexane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	77	[NT]
Heptane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	96	[NT]

QUALITY CONTROL: TO15 in Canisters/Bags					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Trichloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichloropropane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,4-Dioxane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Bromodichloromethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Methyl Methacrylate	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
MIBK	ppbv	5	TO15	<5	1	<5	<5	0	[NT]	[NT]
cis-1,3-Dichloropropene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
trans-1,3-Dichloropropene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Toluene	ppbv	0.5	TO15	<0.5	1	2	2	0	99	[NT]
1,1,2-Trichloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Methyl Butyl Ketone	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Dibromochloromethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Tetrachloroethene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2-Dibromoethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Chlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Ethylbenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	99	[NT]
m- & p-Xylene	ppbv	1	TO15	<1	1	<1	<1	0	100	[NT]
Styrene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	104	[NT]
o-Xylene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	100	[NT]
Bromoform	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,1,2,2-Tetrachloroethane	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
4-ethyl toluene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	102	[NT]
1,3,5-Trimethylbenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	101	[NT]
1,2,4-Trimethylbenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	100	[NT]
1,3-Dichlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Benzyl chloride	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,4-Dichlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
1,2,4-Trichlorobenzene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Naphthalene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Hexachloro- 1,3-butadiene	ppbv	0.5	TO15	<0.5	1	<0.5	<0.5	0	[NT]	[NT]
Surrogate-Bromochloromethane	% rec		TO15	102	1	114	111	3	106	[NT]
Surrogate -1,4-Difluorobenzene	% rec		TO15	103	1	116	112	4	105	[NT]
Surrogate-Chlorobenzene-D5	% rec		TO15	101	1	114	110	4	105	[NT]

QUALITY CONTROL: TO15 in Canisters/Bags						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Vacuum before Shipment	Hg"			[NT]	11	-30	-30	0	[NT]	[NT]
Vacuum before Analysis	Hg"			[NT]	11	-10	-10	0	[NT]	[NT]
Date prepared	-			[NT]	11	20/03/2025	20/03/2025		[NT]	[NT]
Date analysed	-			[NT]	11	20/03/2025	20/03/2025		[NT]	[NT]
Propylene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Dichlorodifluoromethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Chloromethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichlorotetrafluoroethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Vinyl chloride	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,3-Butadiene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Bromomethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Chloroethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Ethanol	ppbv	5	TO15	[NT]	11	5	5	0	[NT]	[NT]
Acrolein	ppbv	5	TO15	[NT]	11	<5	<5	0	[NT]	[NT]
Trichlorofluoromethane (Freon 11)	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Acetone	ppbv	5	TO15	[NT]	11	<5	<5	0	[NT]	[NT]
Isopropyl Alcohol	ppbv	5	TO15	[NT]	11	<5	<5	0	[NT]	[NT]
1,1-Dichloroethene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,1,2-Trichlorotrifluoroethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Methylene chloride (Dichloromethane)	ppbv	5	TO15	[NT]	11	<5	<5	0	[NT]	[NT]
Carbon Disulfide	ppbv	5	TO15	[NT]	11	<5	<5	0	[NT]	[NT]
trans-1,2-dichloroethene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
MTBE	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,1- Dichloroethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Vinyl Acetate	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
MEK	ppbv	5	TO15	[NT]	11	<5	<5	0	[NT]	[NT]
Hexane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
cis-1,2-Dichloroethene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Ethyl Acetate	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Chloroform	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Tetrahydrofuran	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,1,1-Trichloroethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichloroethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Benzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Carbon tetrachloride	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Cyclohexane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Heptane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]

QUALITY CONTROL: TO15 in Canisters/Bags						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Trichloroethene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichloropropane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,4-Dioxane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Bromodichloromethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Methyl Methacrylate	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
MIBK	ppbv	5	TO15	[NT]	11	<5	<5	0	[NT]	[NT]
cis-1,3-Dichloropropene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
trans-1,3-Dichloropropene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Toluene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,1,2-Trichloroethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Methyl Butyl Ketone	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Dibromochloromethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Tetrachloroethene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,2-Dibromoethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Chlorobenzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Ethylbenzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
m-& p-Xylene	ppbv	1	TO15	[NT]	11	<1	<1	0	[NT]	[NT]
Styrene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
o-Xylene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Bromoform	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,1,2,2-Tetrachloroethane	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
4-ethyl toluene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,3,5-Trimethylbenzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,2,4-Trimethylbenzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,3-Dichlorobenzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Benzyl chloride	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,4-Dichlorobenzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,2-Dichlorobenzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
1,2,4-Trichlorobenzene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Naphthalene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Hexachloro- 1,3-butadiene	ppbv	0.5	TO15	[NT]	11	<0.5	<0.5	0	[NT]	[NT]
Surrogate-Bromochloromethane	% rec		TO15	[NT]	11	87	86	1	[NT]	[NT]
Surrogate -1,4-Difluorobenzene	% rec		TO15	[NT]	11	84	82	2	[NT]	[NT]
Surrogate-Chlorobenzene-D5	% rec		TO15	[NT]	11	84	85	1	[NT]	[NT]

QUALITY CONTROL: TO15 in Canisters µg/m3						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Vacuum before Shipment	Hg"			[NT]	1	-30	-30	0	[NT]	[NT]
Vacuum before Analysis	Hg"			[NT]	1	-5	-5	0	[NT]	[NT]
Date prepared	-			20/03/2025	1	20/03/2025	20/03/2025		[NT]	[NT]
Date analysed	-			20/03/2025	1	20/03/2025	20/03/2025		[NT]	[NT]
Propylene	µg/m³	0.9	TO15	<0.9	1	1	1	0	[NT]	[NT]
Dichlorodifluoromethane	µg/m³	2.5	TO15	<2.5	1	3	2	40	[NT]	[NT]
Chloromethane	µg/m³	1.0	TO15	<1.0	1	<1	<1	0	[NT]	[NT]
1,2-Dichlorotetrafluoroethane	µg/m³	2.5	TO15	<2.5	1	<2.5	<2.5	0	[NT]	[NT]
Vinyl chloride	µg/m³	1.3	TO15	<1.3	1	<1.3	<1.3	0	[NT]	[NT]
1,3-Butadiene	µg/m³	1.1	TO15	<1.1	1	<1.1	<1.1	0	[NT]	[NT]
Bromomethane	µg/m³	1.9	TO15	<1.9	1	<1.9	<1.9	0	[NT]	[NT]
Chloroethane	µg/m³	1.3	TO15	<1.3	1	<1.3	<1.3	0	[NT]	[NT]
Ethanol	µg/m³	9	TO15	<9	1	10	10	0	[NT]	[NT]
Acrolein	µg/m³	11	TO15	<11	1	<11	<11	0	[NT]	[NT]
Trichlorofluoromethane (Freon 11)	µg/m³	2.8	TO15	<2.8	1	<2.8	<2.8	0	[NT]	[NT]
Acetone	µg/m³	11.9	TO15	<11.9	1	<11.9	<11.9	0	[NT]	[NT]
Isopropyl Alcohol	µg/m³	12	TO15	<12	1	<12	<12	0	[NT]	[NT]
1,1-Dichloroethene	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
1,1,2-Trichlorotrifluoroethane	µg/m³	3.8	TO15	<3.8	1	<3.8	<3.8	0	[NT]	[NT]
Methylene chloride (Dichloromethane)	µg/m³	17	USEPA 18	<17	1	<17	<17	0	[NT]	[NT]
Carbon Disulfide	µg/m³	16	TO15	<16	1	<16	<16	0	[NT]	[NT]
trans-1,2-dichloroethene	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
MTBE	µg/m³	1.8	TO15	<1.8	1	<1.8	<1.8	0	[NT]	[NT]
1,1- Dichloroethane	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
Vinyl Acetate	µg/m³	1.8	TO15	<1.8	1	<1.8	<1.8	0	[NT]	[NT]
MEK	µg/m³	15	TO15	<15	1	<15	<15	0	[NT]	[NT]
Hexane	µg/m³	1.8	TO15	<1.8	1	7	7	0	[NT]	[NT]
cis-1,2-Dichloroethene	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
Ethyl Acetate	µg/m³	1.8	TO15	<1.8	1	<1.8	<1.8	0	[NT]	[NT]
Chloroform	µg/m³	2.4	TO15	<2.4	1	<2.4	<2.4	0	[NT]	[NT]
Tetrahydrofuran	µg/m³	1.5	TO15	<1.5	1	<1.5	<1.5	0	[NT]	[NT]
1,1,1-Trichloroethane	µg/m³	2.7	TO15	<2.7	1	<2.7	<2.7	0	[NT]	[NT]
1,2-Dichloroethane	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
Benzene	µg/m³	1.6	TO15	<1.6	1	2	2	0	[NT]	[NT]
Carbon tetrachloride	µg/m³	3.1	TO15	<3.1	1	<3.1	<3.1	0	[NT]	[NT]
Cyclohexane	µg/m³	1.7	TO15	<1.7	1	<1.7	<1.7	0	[NT]	[NT]
Heptane	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]

QUALITY CONTROL: TO15 in Canisters µg/m3						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Trichloroethene	µg/m³	2.7	TO15	<2.7	1	<2.7	<2.7	0	[NT]	[NT]
1,2-Dichloropropane	µg/m³	2.3	TO15	<2.3	1	<2.3	<2.3	0	[NT]	[NT]
1,4-Dioxane	µg/m³	1.8	TO15	<1.8	1	<1.8	<1.8	0	[NT]	[NT]
Bromodichloromethane	µg/m³	3.4	TO15	<3.4	1	<3.4	<3.4	0	[NT]	[NT]
Methyl Methacrylate	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
MIBK	µg/m³	20	TO15	<20	1	<20	<20	0	[NT]	[NT]
cis-1,3-Dichloropropene	µg/m³	2.3	TO15	<2.3	1	<2.3	<2.3	0	[NT]	[NT]
trans-1,3-Dichloropropene	µg/m³	2.3	TO15	<2.3	1	<2.3	<2.3	0	[NT]	[NT]
Toluene	µg/m³	1.9	TO15	<1.9	1	9	9	0	[NT]	[NT]
1,1,2-Trichloroethane	µg/m³	2.7	TO15	<2.7	1	<2.7	<2.7	0	[NT]	[NT]
Methyl Butyl Ketone	µg/m³	2.0	TO15	<2.0	1	<2	<2	0	[NT]	[NT]
Dibromochloromethane	µg/m³	1.6	TO15	<1.6	1	<1.6	<1.6	0	[NT]	[NT]
Tetrachloroethene	µg/m³	3.4	TO15	<3.4	1	<3.4	<3.4	0	[NT]	[NT]
1,2-Dibromoethane	µg/m³	3.8	TO15	<3.8	1	<3.8	<3.8	0	[NT]	[NT]
Chlorobenzene	µg/m³	2.3	TO15	<2.3	1	<2.3	<2.3	0	[NT]	[NT]
Ethylbenzene	µg/m³	2.2	TO15	<2.2	1	<2.2	<2.2	0	[NT]	[NT]
m-& p-Xylene	µg/m³	4.3	TO15	<4.3	1	<4.3	<4.3	0	[NT]	[NT]
Styrene	µg/m³	2.1	TO15	<2.1	1	<2.1	<2.1	0	[NT]	[NT]
o-Xylene	µg/m³	2.2	TO15	<2.2	1	<2.2	<2.2	0	[NT]	[NT]
Bromoform	µg/m³	5.2	TO15	<5.2	1	<5.2	<5.2	0	[NT]	[NT]
1,1,2,2-Tetrachloroethane	µg/m³	3.4	TO15	<3.4	1	<3.4	<3.4	0	[NT]	[NT]
4-ethyl toluene	µg/m³	2.5	TO15	<2.5	1	<2.5	<2.5	0	[NT]	[NT]
1,3,5-Trimethylbenzene	µg/m³	2.5	TO15	<2.5	1	<2.5	<2.5	0	[NT]	[NT]
1,2,4-Trimethylbenzene	µg/m³	2.5	TO15	<2.5	1	<2.5	<2.5	0	[NT]	[NT]
1,3-Dichlorobenzene	µg/m³	3.0	TO15	<3.0	1	<3	<3	0	[NT]	[NT]
Benzyl chloride	µg/m³	2.6	TO15	<2.6	1	<2.6	<2.6	0	[NT]	[NT]
1,4-Dichlorobenzene	µg/m³	3.0	TO15	<3.0	1	<3	<3	0	[NT]	[NT]
1,2-Dichlorobenzene	µg/m³	3.0	TO15	<3.0	1	<3	<3	0	[NT]	[NT]
1,2,4-Trichlorobenzene	µg/m³	3.7	TO15	<3.7	1	<3.7	<3.7	0	[NT]	[NT]
Naphthalene	µg/m³	2.6	TO15	<2.6	1	<2.6	<2.6	0	[NT]	[NT]
Hexachloro- 1,3-butadiene	µg/m³	5.3	TO15	<5.3	1	<5.3	<5.3	0	[NT]	[NT]
Surrogate-Bromochloromethane	% rec		TO15	102	1	114	111	3	[NT]	[NT]
Surrogate -1,4-Difluorobenzene	% rec		TO15	103	1	116	112	4	[NT]	[NT]
Surrogate-Chlorobenzene-D5	% rec		TO15	101	1	114	110	4	[NT]	[NT]

QUALITY CONTROL: TO15 in Canisters µg/m3						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Vacuum before Shipment	Hg"			[NT]	11	-30	-30	0	[NT]	[NT]
Vacuum before Analysis	Hg"			[NT]	11	-10	-10	0	[NT]	[NT]
Date prepared	-			[NT]	11	20/03/2025	20/03/2025		[NT]	[NT]
Date analysed	-			[NT]	11	20/03/2025	20/03/2025		[NT]	[NT]
Propylene	µg/m³	0.9	TO15	[NT]	11	<0.9	<0.9	0	[NT]	[NT]
Dichlorodifluoromethane	µg/m³	2.5	TO15	[NT]	11	<2.5	<2.5	0	[NT]	[NT]
Chloromethane	µg/m³	1.0	TO15	[NT]	11	<1	<1	0	[NT]	[NT]
1,2-Dichlorotetrafluoroethane	µg/m³	2.5	TO15	[NT]	11	<2.5	<2.5	0	[NT]	[NT]
Vinyl chloride	µg/m³	1.3	TO15	[NT]	11	<1.3	<1.3	0	[NT]	[NT]
1,3-Butadiene	µg/m³	1.1	TO15	[NT]	11	<1.1	<1.1	0	[NT]	[NT]
Bromomethane	µg/m³	1.9	TO15	[NT]	11	<1.9	<1.9	0	[NT]	[NT]
Chloroethane	µg/m³	1.3	TO15	[NT]	11	<1.3	<1.3	0	[NT]	[NT]
Ethanol	µg/m³	9	TO15	[NT]	11	10	9	11	[NT]	[NT]
Acrolein	µg/m³	11	TO15	[NT]	11	<11	<11	0	[NT]	[NT]
Trichlorofluoromethane (Freon 11)	µg/m³	2.8	TO15	[NT]	11	<2.8	<2.8	0	[NT]	[NT]
Acetone	µg/m³	11.9	TO15	[NT]	11	<11.9	<11.9	0	[NT]	[NT]
Isopropyl Alcohol	µg/m³	12	TO15	[NT]	11	<12	<12	0	[NT]	[NT]
1,1-Dichloroethene	µg/m³	2.0	TO15	[NT]	11	<2	<2	0	[NT]	[NT]
1,1,2-Trichlorotrifluoroethane	µg/m³	3.8	TO15	[NT]	11	<3.8	<3.8	0	[NT]	[NT]
Methylene chloride (Dichloromethane)	µg/m³	17	USEPA 18	[NT]	11	<17	<17	0	[NT]	[NT]
Carbon Disulfide	µg/m³	16	TO15	[NT]	11	<16	<16	0	[NT]	[NT]
trans-1,2-dichloroethene	µg/m³	2.0	TO15	[NT]	11	<2	<2	0	[NT]	[NT]
MTBE	µg/m³	1.8	TO15	[NT]	11	<1.8	<1.8	0	[NT]	[NT]
1,1- Dichloroethane	µg/m³	2.0	TO15	[NT]	11	<2	<2	0	[NT]	[NT]
Vinyl Acetate	µg/m³	1.8	TO15	[NT]	11	<1.8	<1.8	0	[NT]	[NT]
MEK	µg/m³	15	TO15	[NT]	11	<15	<15	0	[NT]	[NT]
Hexane	µg/m³	1.8	TO15	[NT]	11	<1.8	<1.8	0	[NT]	[NT]
cis-1,2-Dichloroethene	µg/m³	2.0	TO15	[NT]	11	<2	<2	0	[NT]	[NT]
Ethyl Acetate	µg/m³	1.8	TO15	[NT]	11	<1.8	<1.8	0	[NT]	[NT]
Chloroform	µg/m³	2.4	TO15	[NT]	11	<2.4	<2.4	0	[NT]	[NT]
Tetrahydrofuran	µg/m³	1.5	TO15	[NT]	11	<1.5	<1.5	0	[NT]	[NT]
1,1,1-Trichloroethane	µg/m³	2.7	TO15	[NT]	11	<2.7	<2.7	0	[NT]	[NT]
1,2-Dichloroethane	µg/m³	2.0	TO15	[NT]	11	<2	<2	0	[NT]	[NT]
Benzene	µg/m³	1.6	TO15	[NT]	11	<1.6	<1.6	0	[NT]	[NT]
Carbon tetrachloride	µg/m³	3.1	TO15	[NT]	11	<3.1	<3.1	0	[NT]	[NT]
Cyclohexane	µg/m³	1.7	TO15	[NT]	11	<1.7	<1.7	0	[NT]	[NT]
Heptane	µg/m³	2.0	TO15	[NT]	11	<2	<2	0	[NT]	[NT]

QUALITY CONTROL: TO15 in Canisters µg/m3						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Trichloroethene	µg/m³	2.7	TO15	[NT]	11	<2.7	<2.7	0	[NT]	[NT]
1,2-Dichloropropane	µg/m³	2.3	TO15	[NT]	11	<2.3	<2.3	0	[NT]	[NT]
1,4-Dioxane	µg/m³	1.8	TO15	[NT]	11	<1.8	<1.8	0	[NT]	[NT]
Bromodichloromethane	µg/m³	3.4	TO15	[NT]	11	<3.4	<3.4	0	[NT]	[NT]
Methyl Methacrylate	µg/m³	2.0	TO15	[NT]	11	<2	<2	0	[NT]	[NT]
MIBK	µg/m³	20	TO15	[NT]	11	<20	<20	0	[NT]	[NT]
cis-1,3-Dichloropropene	µg/m³	2.3	TO15	[NT]	11	<2.3	<2.3	0	[NT]	[NT]
trans-1,3-Dichloropropene	µg/m³	2.3	TO15	[NT]	11	<2.3	<2.3	0	[NT]	[NT]
Toluene	µg/m³	1.9	TO15	[NT]	11	<1.9	<1.9	0	[NT]	[NT]
1,1,2-Trichloroethane	µg/m³	2.7	TO15	[NT]	11	<2.7	<2.7	0	[NT]	[NT]
Methyl Butyl Ketone	µg/m³	2.0	TO15	[NT]	11	<2	<2	0	[NT]	[NT]
Dibromochloromethane	µg/m³	1.6	TO15	[NT]	11	<1.6	<1.6	0	[NT]	[NT]
Tetrachloroethene	µg/m³	3.4	TO15	[NT]	11	<3.4	<3.4	0	[NT]	[NT]
1,2-Dibromoethane	µg/m³	3.8	TO15	[NT]	11	<3.8	<3.8	0	[NT]	[NT]
Chlorobenzene	µg/m³	2.3	TO15	[NT]	11	<2.3	<2.3	0	[NT]	[NT]
Ethylbenzene	µg/m³	2.2	TO15	[NT]	11	<2.2	<2.2	0	[NT]	[NT]
m-& p-Xylene	µg/m³	4.3	TO15	[NT]	11	<4.3	<4.3	0	[NT]	[NT]
Styrene	µg/m³	2.1	TO15	[NT]	11	<2.1	<2.1	0	[NT]	[NT]
o-Xylene	µg/m³	2.2	TO15	[NT]	11	<2.2	<2.2	0	[NT]	[NT]
Bromoform	µg/m³	5.2	TO15	[NT]	11	<5.2	<5.2	0	[NT]	[NT]
1,1,2,2-Tetrachloroethane	µg/m³	3.4	TO15	[NT]	11	<3.4	<3.4	0	[NT]	[NT]
4-ethyl toluene	µg/m³	2.5	TO15	[NT]	11	<2.5	<2.5	0	[NT]	[NT]
1,3,5-Trimethylbenzene	µg/m³	2.5	TO15	[NT]	11	<2.5	<2.5	0	[NT]	[NT]
1,2,4-Trimethylbenzene	µg/m³	2.5	TO15	[NT]	11	<2.5	<2.5	0	[NT]	[NT]
1,3-Dichlorobenzene	µg/m³	3.0	TO15	[NT]	11	<3	<3	0	[NT]	[NT]
Benzyl chloride	µg/m³	2.6	TO15	[NT]	11	<2.6	<2.6	0	[NT]	[NT]
1,4-Dichlorobenzene	µg/m³	3.0	TO15	[NT]	11	<3	<3	0	[NT]	[NT]
1,2-Dichlorobenzene	µg/m³	3.0	TO15	[NT]	11	<3	<3	0	[NT]	[NT]
1,2,4-Trichlorobenzene	µg/m³	3.7	TO15	[NT]	11	<3.7	<3.7	0	[NT]	[NT]
Naphthalene	µg/m³	2.6	TO15	[NT]	11	<2.6	<2.6	0	[NT]	[NT]
Hexachloro- 1,3-butadiene	µg/m³	5.3	TO15	[NT]	11	<5.3	<5.3	0	[NT]	[NT]
Surrogate-Bromochloromethane	% rec		TO15	[NT]	11	87	86	1	[NT]	[NT]
Surrogate -1,4-Difluorobenzene	% rec		TO15	[NT]	11	84	82	2	[NT]	[NT]
Surrogate-Chlorobenzene-D5	% rec		TO15	[NT]	11	84	85	1	[NT]	[NT]

QUALITY CONTROL: TPH Air/ Air Phase Hydrocarbon					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			20/03/2025	1	20/03/2025	20/03/2025		20/03/2025	[NT]
Date analysed	-			20/03/2025	1	20/03/2025	20/03/2025		20/03/2025	[NT]
TPH C ₅ - C ₈ Aliphatic	µg/m ³	200	AT-005	<200	1	<200	<200	0	99	[NT]
TPH C ₉ - C ₁₂ Aliphatic	µg/m ³	50	AT-005	<50	1	<50	<50	0	[NT]	[NT]
TPH C ₉ - C ₁₀ Aromatic	µg/m ³	100	AT-005	<100	1	<100	<100	0	100	[NT]
TPH C ₆ - C ₁₀ - BTEX (F1)	µg/m ³	200	TO15	<200	1	<200	<200	0	99	[NT]
TPH >C ₁₀ - C ₁₂ - Naphthalene (F2)	µg/m ³	40	TO15	<40	1	<40	<40	0	97	[NT]

QUALITY CONTROL: TPH Air/ Air Phase Hydrocarbon					Duplicate			Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	[NT]	[NT]
Date prepared	-			[NT]	11	20/03/2025	20/03/2025		[NT]	[NT]
Date analysed	-			[NT]	11	20/03/2025	20/03/2025		[NT]	[NT]
TPH C ₅ - C ₈ Aliphatic	µg/m ³	200	AT-005	[NT]	11	<200	<200	0	[NT]	[NT]
TPH C ₉ - C ₁₂ Aliphatic	µg/m ³	50	AT-005	[NT]	11	<50	<50	0	[NT]	[NT]
TPH C ₉ - C ₁₀ Aromatic	µg/m ³	100	AT-005	[NT]	11	<100	<100	0	[NT]	[NT]
TPH C ₆ - C ₁₀ - BTEX (F1)	µg/m ³	200	TO15	[NT]	11	<200	<200	0	[NT]	[NT]
TPH >C ₁₀ - C ₁₂ - Naphthalene (F2)	µg/m ³	40	TO15	[NT]	11	<40	<40	0	[NT]	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

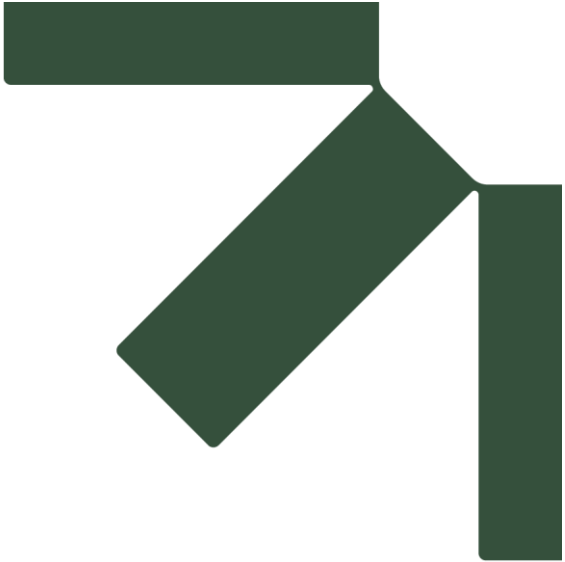
Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.



Appendix D Results Summary Table

Air Quality Monitoring

**Western Sydney Cricket and Community Centre, 161 Silverwater Road, Sydney
Olympic Park NSW 2128**

New South Wales Cricket Association

SLR Project No.: 610.031278.00001

16 May 2025

								Field ID	IA1	IA2	IA3	IA4	IA5	IA6	IA7	IA8	IA9	IA10	IA11	IA12	IA13	IA14	IA15	IA16	IA17	
								Location Code	IA1	IA2	IA3	IA4	IA5	IA6	IA7	IA8	IA9	IA10	IA11	IA12	IA13	IA14	IA15	IA16	IA17	
								Sampled Date	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	05-Mar-25	
								WHO 2010	Pool Room	Small Meeting Room	Primary Workspace	Change Room	Switch Room	Switchroom off Café	Bin Room	Library	Western Boundary	Southern Boundary	First Floor Terrace	Eastern Side of Property	Northern Boundary	Maintenance Office/Lunch	Equipment Store (Small)	Workshop	Equipment Store (Large)	
Method_Type	ChemName	Units	EQL	CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Pool Room	Small Meeting Room	Primary Workspace	Change Room	Switch Room	Switchroom off Café	Bin Room	Library	Western Boundary	Southern Boundary	First Floor Terrace	Eastern Side of Property	Northern Boundary	Maintenance Office/Lunch	Equipment Store (Small)	Workshop	Equipment Store (Large)
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	
	1,2,4-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2.5	3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4	<2.5	6	<2.5	
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
	1,3,5-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
	Methyl Ethyl Ketone (MEK)	µg/m3	15							<15	<15	<15	<15	28	17	280	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Acetone	ug/m3	11.9							<11.9	<11.9	10	20	40	30	40	30	20	<11.9	<11.9	<11.9	20	30	<11.9	<11.9	<11.9
	Acrolein	µg/m3	11							<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
	Benzene	µg/m3	1.6	18				16	17	<1.6	<1.6	<1.6	<1.6	<1.6	2	<1.6	<1.6	2	<1.6	<1.6	<1.6	<1.6	5	2	5	2
	Benzyl chloride	ug/m3	2.6							<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
	Bromodichloromethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4
	Bromoform	µg/m3	5.2							<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
	Bromomethane	µg/m3	1.9							<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	Carbon disulfide	µg/m3	16							<16	<16	<16	<16	<16	<16	<16	<16	<16	<16	<16	<16	<16	<16	<16	<16	<16
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
	Chlorobenzene	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
	Dibromochloromethane	µg/m3	1.6							<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
	Chloroethane	µg/m3	1.3							<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
	Chloroform	µg/m3	2.4						20	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	Chloromethane	µg/m3	1							<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
	Cyclohexane	ug/m3	1.7							<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3
	Dichloromethane	µg/m3	17							<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17
Ethanol	µg/m3	9							40	<9	40	80	30	20	30	60	10	10	<9	10	<9	50	30	20	10	
Ethyl acetate	µg/m3	1.8							<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	

									Field ID	IA1	IA1	IA1	IA1	IA1	IA1	IA1	IA2	IA2	IA2	IA2	IA2	IA2
									Location Code	IA1	IA1	IA1	IA1	IA1	IA1	IA1	IA2	IA2	IA2	IA2	IA2	IA2
									Sampled Date	17-May-22	01-Dec-22	20-Jul-23	29-Feb-24	15-Aug-24	05-Mar-25	17-May-22	01-Dec-22	20-Jul-23	29-Feb-24	15-Aug-24	05-Mar-25	
				CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Pool Room	Pool Room	Pool Room	Pool Room	Pool Room	Pool Room	Small Meeting Room	Small Meeting Room	Small Meeting Room	Small Meeting Room	Small Meeting Room	Small Meeting Room	
Method_Type	ChemName	Units	EQL																			
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7	
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4	
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7	
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<3.7	<30	<3.7	<3.7	<3.7	<3.7	<3.7	<30	<3.7	<3.7	
	1,2,4-trimethylbenzene	µg/m3	2.5							3	<2.5	<2.5	<2	<2.5	<2.5	9	<2.5	<2.5	<2	<2.5	<2.5	
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8	
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	<3	<3	<3	<2	<3	<3	
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<2.5	<3	<2.5	<2.5	<2.5	<2.5	<2.5	<3	<2.5	<2.5	
	1,3,5-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2.5	<2	<2.5	<2.5	4	<2.5	<2.5	<2	<2.5	<2.5	
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1.1	<1	<1.1	<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1	
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	<3	<3	<3	<2	<3	<3	
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	<3	<3	<3	<2	<3	<3	
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8	
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							<2.5	<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5	
	Methyl Ethyl Ketone (MEK)	µg/m3	15							34	<15	<15	<10	<15	<15	<15	<15	<15	<10	<15	<15	
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<2	<20	<2	<2	<2	<2	<2	<20	<2	<2	
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	
	Acetone	ug/m3	11.9							<11.9	<11.9	<11.9	<10	<11.9	<11.9	<11.9	<11.9	<11.9	11	<11.9	<11.9	
	Acrolein	µg/m3	11							<11	<11	<11	<1	<11	<11	<11	<11	<11	<1	<11	<11	
	Benzene	µg/m3	1.6	18		3200	16	17	17	2	<1.6	<1.6	<1	<1.6	<1.6	<1.6	<1.6	<1.6	<1	<1.6	<1.6	
	Benzyl chloride	ug/m3	2.6							<2.6	<2.6	<2.6	<20	<2.6	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6	
	Bromodichloromethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4	
	Bromoform	µg/m3	5.2							<5.2	<5.2	<5.2	<4	<5.2	<5.2	<5.2	<5.2	<5.2	<4	<5.2	<5.2	
	Bromomethane	µg/m3	1.9							<1.9	<1.9	94	<2	<1.9	<1.9	<1.9	<1.9	3	<2	<1.9	<1.9	
	Carbon disulfide	µg/m3	16							<16	<16	<16	<1	<16	<16	<16	<16	<16	<1	<16	<16	
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3.1	<3.1	<3	<3.1	<3.1	<3.1	<3.1	<3.1	<3	<3.1	<3.1	
	Chlorobenzene	µg/m3	2.3							<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	
	Dibromochloromethane	µg/m3	1.6							<1.6	<1.6	<1.6	<3	<1.6	<1.6	<1.6	<1.6	<1.6	<3	<1.6	<1.6	
	Chloroethane	µg/m3	1.3							<1.3	<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3	
	Chloroform	µg/m3	2.4							<2.4	20	10	<2	42	20	<2.4	<2.4	<2.4	<2	<2.4	<2.4	
	Chloromethane	µg/m3	1							1	1	<4	<2	<2	<1	1	2	<2	<2	<2	<1	
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	
	Cyclohexane	ug/m3	1.7							3	<1.7	<1.7	<1	<1.7	<1.7	3	<1.7	<1.7	<1	<1.7	<1.7	
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							<2.5	<2.5	<2.5	<2	<5	<2.5	<2.5	<2.5	<2.5	<2	<5	<2.5	
	Dichloromethane	µg/m3	17							<17	<17	<17	<2	<17	<17	<17	<17	<17	<2	<17	<17	
	Ethanol	µg/m3	9							60	9	20	21	20	40	80	220	90	490	30	<9	
	Ethyl acetate	µg/m3	1.8							<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8	
	Ethylbenzene	µg/m3	2.2	5900	543000	434000	49			45	<2.2	<2.2	<2	<2.2	<2.2	20	<2.2	<2.2	<2	<2.2	<2.2	
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8							<3.8	<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8	
	Heptane	µg/m3	2							3	<2	<2	<2	<2	<2	2	<2	<2	<2	<2	<2	
	Hexachlorobutadiene																					

									Field ID	IA3	IA3	IA3	IA3	IA3	IA3	IA4	IA4	IA4	IA4	IA4	IA4	
									Location Code	IA3	IA3	IA3	IA3	IA3	IA3	IA4	IA4	IA4	IA4	IA4	IA4	
									Sampled Date	17-May-22	01-Dec-22	20-Jul-23	29-Feb-24	15-Aug-24	05-Mar-25	17-May-22	01-Dec-22	20-Jul-23	29-Feb-24	15-Aug-24	05-Mar-25	
				CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Primary Workspace	Primary Workspace	Primary Workspace	Primary Workspace	Primary Workspace	Primary Workspace	Change Room	Change Room	Change Room	Change Room	Change Room	Change Room	
Method_Type	ChemName	Units	EQL																			
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7	
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4	
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7	
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<3.7	<30	<3.7	<3.7	<3.7	<3.7	<3.7	<30	<3.7	<3.7	
	1,2,4-trimethylbenzene	µg/m3	2.5							8	<2.5	<2.5	<2	<2.5	<2.5	7	<2.5	<2.5	<2	<2.5	<2.5	
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8	
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	<3	<3	<3	<2	<3	<3	
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<2.5	<3	<2.5	<2.5	<2.5	<2.5	<2.5	<3	<2.5	<2.5	
	1,3,5-trimethylbenzene	µg/m3	2.5							3	<2.5	<2.5	<2	<2.5	<2.5	3	<2.5	<2.5	<2	<2.5	<2.5	
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1.1	<1	<1.1	<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1	
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	<3	<3	<3	<2	<3	<3	
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	<3	<3	<3	<2	<3	<3	
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8	
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							3	<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5	
	Methyl Ethyl Ketone (MEK)	µg/m3	15							<15	<15	<15	<10	<15	<15	67	<15	<15	<10	<15	<15	
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<2	<20	<2	<2	<2	<2	<2	<20	<2	<2	
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	
	Acetone	ug/m3	11.9							10	<11.9	20	23	<11.9	10	30	<11.9	20	11	<11.9	20	
	Acrolein	µg/m3	11							<11	<11	<11	<1	<11	<11	<11	<11	<11	<1	<11	<11	
	Benzene	µg/m3	1.6	18		3200	16	17	17	<1.6	<1.6	<1.6	<1	<1.6	<1.6	<1.6	<1.6	<1.6	<1	<1.6	<1.6	
	BenzyI chloride	ug/m3	2.6							<2.6	<2.6	<2.6	<20	<2.6	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6	
	Bromodichloromethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4	
	Bromoform	µg/m3	5.2							<5.2	<5.2	<5.2	<4	<5.2	<5.2	<5.2	<5.2	<5.2	<4	<5.2	<5.2	
	Bromomethane	µg/m3	1.9							<1.9	<1.9	<1.9	<2	<1.9	<1.9	<1.9	<1.9	<1.9	<2	<1.9	<1.9	
	Carbon disulfide	µg/m3	16							<16	<16	<16	<1	<16	<16	<16	<16	<16	2.2	<16	<16	
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3.1	<3.1	<3	<3.1	<3.1	<3.1	<3.1	<3.1	<3	<3.1	<3.1	
	Chlorobenzene	µg/m3	2.3							<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	
	Dibromochloromethane	µg/m3	1.6							<1.6	<1.6	<1.6	<3	<1.6	<1.6	<1.6	<1.6	<1.6	<3	<1.6	<1.6	
	Chloroethane	µg/m3	1.3							<1.3	<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3	
	Chloroform	µg/m3	2.4							<2.4	<2.4	<2.4	<2	<2.4	<2.4	<2.4	<2.4	<2.4	<2	<2.4	<2.4	
	Chloromethane	µg/m3	1							1	1	<2	<2	<2	<1	1	<1	<4	<2	<2	<1	
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	
	Cyclohexane	ug/m3	1.7							54	<1.7	<1.7	<1	<1.7	<1.7	4	<1.7	<1.7	<1	<1.7	<1.7	
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							<2.5	<2.5	<2.5	<2	<5	<2.5	<2.5	<2.5	<2.5	<2	<5	<2.5	
	Dichloromethane	µg/m3	17							<17	<17	<17	<2	<17	<17	<17	<17	<17	<2	<17	<17	
	Ethanol	µg/m3	9							220	210	220	110	80	40	660	280	570	530	110	80	
	Ethyl acetate	µg/m3	1.8							<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8	
	Ethylbenzene	µg/m3	2.2	5900	543000	434000	49			10	<2.2	<2.2	<2	<2.2	<2.2	48	<2.2	<2.2	<2	<2.2	<2.2	
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8							<3.8	<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8	
	Heptane	µg/m3	2							10	<2	<2	<2	<2	<2	3	<2	<2	<2	<2	<2	
	Hexachlorobutadiene	µg/m3	5.3																			

				Field ID		IA5		BD1/20220517		IA5		BD1/20221201		IA5		IA5	
				Location Code		IA5		IA5		IA5		IA5		IA5		IA5	
				Sampled Date		17-May-22		17-May-22		01-Dec-22		01-Dec-22		20-Jul-23		29-Feb-24	
				CRC Care 2011		HCIS 15 Min STEL		HCIS 8hr TWA		USEPA 2021		WHO 2000		WHO 2010		Switch Room	
Method_Type	ChemName	Units	EQL														
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<3.7	<3.7	<3.7	<30	<3.7	<3.7
	1,2,4-trimethylbenzene	µg/m3	2.5							20	10	<2.5	<2.5	<2.5	2.9	<2.5	<2.5
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<3	<2	<3	<3
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2.5	<3	<2.5	<2.5
	1,3,5-trimethylbenzene	µg/m3	2.5							5	5	<2.5	<2.5	<2.5	<2	<2.5	<2.5
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<3	<2	<3	<3
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<3	<2	<3	<3
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							4	4	<2.5	<2.5	<2.5	<2	<2.5	<2.5
	Methyl Ethyl Ketone (MEK)	µg/m3	15							97	98	150	150	21	80	<15	28
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<2	<2	<2	<20	<2	<2
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	<20	<20
	Acetone	ug/m3	11.9							20	20	30	30	20	29	30	40
	Acrolein	µg/m3	11							<11	<11	<11	<11	<11	<1	<11	<11
	Benzene	µg/m3	1.6	18		3200	16	17	17	<1.6	<1.6	<1.6	<1.6	<1.6	<1	<1.6	<1.6
	Benzyl chloride	ug/m3	2.6							<2.6	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6
	Bromodichloromethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	Bromoform	µg/m3	5.2							<5.2	<5.2	<5.2	<5.2	<5.2	<4	<5.2	<5.2
	Bromomethane	µg/m3	1.9							<1.9	<1.9	<1.9	<1.9	<1.9	<2	<1.9	<1.9
	Carbon disulfide	µg/m3	16							<16	<16	<16	<16	<16	16	<16	<16
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3.1	<3.1	<3.1	<3.1	<3	<3.1	<3.1
	Chlorobenzene	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Dibromochloromethane	µg/m3	1.6							<1.6	<1.6	<1.6	<1.6	<1.6	<3	<1.6	<1.6
	Chloroethane	µg/m3	1.3							<1.3	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3
	Chloroform	µg/m3	2.4							<2.4	<2.4	<2.4	<2.4	<2.4	<2	<2.4	<2.4
	Chloromethane	µg/m3	1							1	1	1	1	<2	<2	<2	<1
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Cyclohexane	ug/m3	1.7							19	18	<1.7	<1.7	<1.7	<1	<1.7	<1.7
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							3	2	<2.5	<2.5	<2.5	<2	<5	<2.5
	Dichloromethane	µg/m3	17							<17	<17	<17	<17	<17	<17	<17	<17
	Ethanol	µg/m3	9							96	90	120	120	50	470	20	30
	Ethyl acetate	µg/m3	1.8							<1.8	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Ethylbenzene	µg/m3	2.2	5900	543000	434000	49			10	10	<2.2	<2.2	<2.2	<2	<2.2	<2.2
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8							<3.8	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8
	Heptane	µg/m3	2							5	5	<2	<2	<2	3.3	<2	<2
	Hexachlorobutadiene	µg/m3	5.3							<5.3	<5.3	<5.3	<5.3	<5.3	<40	<5.3	<5.3
	Hexane	µg/m3	1.8							6	7	<1.8	<1.8	2	5.6	2	5
	Isopropyl Alcohol	µg/m3	12							100	90	<12	<12	20	10	<12	20
	Methyl Methacrylate	µg/m3	2							<2	<2	<2	<2	<2	<20	<2	<2
	MTBE	ug/m3	1.8							<1.8	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Naphthalene	µg/m3	2.6	14	79000	52000	3.6	10		<2.6	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6
	Propene (Propylene)	µg/m3	0.9							3	3	1	1	<0.9	<1	<0.9	<0.9
	Styrene	µg/m3	2.1							<2.1	<2.1	<2.1	<2.1	<2.1	2.1	<2.1	<2.1
	Trichloroethene	µg/m3	2.7							<2.7	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	Tetrachloroethene	µg/m3	3.4							<3.4	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	Tetrahydrofuran	µg/m3	1.5							5	5	5	5	<1.5	<10	<1.5	<1.5
	Toluene	µg/m3	1.9	23000	574000	191100	22000	260	260	61	59	7	6	7	11	5	8
	trans-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	trans-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Trichlorofluoromethane	µg/m3	2.8							<2.8	<2.8	<2.8	<2.8	<2.8	<2	<2.8	<2.8
	Vinyl acetate	µg/m3	1.8							<1.8	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Vinyl chloride	µg/m3	1.3							<1.3	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3
	Xylene (m & p)	µg/m3	4.3	4000	655000	350000	440			20	20	<4.3	<4.3	<4.3	<3	<4.3	<4.3
	Xylene (o)	µg/m3	2.2	4000	655000	350000	440			6	6	<2.2	<2.2	<2.2	2.2	<2.2	<2.2
TPH Air/ Air Phase Hydrocarbon	F2-NAPHTHALENE	ug/m3	40	2300						90	80	<40	<40	<40	<730	<40	<40
	C6-C10 less BTEX (F1)	µg/m3	200	3200						<200	<200	<200	<200	310	<230	<200	<200
	TPH C5 - C8 Aliphatic	µg/m3	200				2600			600	600	<200	<200	440		<200	<200
	TPH C9 - C10 Aromatic	µg/m3	100				13			<100	<100	<100	<100	<100		<100	<100
	TPH C9 - C12 Aliphatic	µg/m3	50				440			85	72	<50	<50	<50		<50	<50

								Field ID	IA6	IA6	IA6	IA6	IA6	IA6		
								Location Code	IA6	IA6	IA6	IA6	IA6	IA6		
								Sampled Date	06-Jun-22	01-Dec-22	20-Jul-23	29-Feb-24	15-Aug-24	05-Mar-25		
								WHO 2010	Switchroom off Café	Switchroom off Café	Switchroom off Café	Switchroom off Café	Switchroom off Café	Switchroom off Café		
Method_Type	ChemName	Units	EQL	CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Switchroom off Café	Switchroom off Café	Switchroom off Café	Switchroom off Café	Switchroom off Café	Switchroom off Café	
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2	<2.7	<2.7	
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3	<3.4	<3.4	
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2	<2.7	<2.7	
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<3.7	<30	<3.7	<3.7	
	1,2,4-trimethylbenzene	µg/m3	2.5							3	3	<2.5	11	<2.5	3	
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3.8	<3	<3.8	<3.8	
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2.3	<2	<2.3	<2.3	
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<2.5	<3	<2.5	<2.5	
	1,3,5-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2.5	2	<2.5	<2.5	
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1.1	<1	<1.1	<1.1	
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<3	<2	<3	<3	
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<1.8	<10	<1.8	<1.8	
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							31	<2.5	<2.5	<2	<2.5	<2.5	
	Methyl Ethyl Ketone (MEK)	µg/m3	15							41	16	<15	25	26	17	
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<2	<20	<2	<2	
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	
	Acetone	µg/m3	11.9							10	<11.9	<11.9	32	20	30	
	Acrolein	µg/m3	11							<11	<11	<11	<1	<11	<11	
	Benzene	µg/m3	1.6		18		3200	16	17	17	<1.6	<1.6	<1.6	<1	<1.6	2
	Benzyl chloride	ug/m3	2.6								<2.6	<2.6	<2.6	<20	<2.6	<2.6
	Bromodichloromethane	µg/m3	3.4								<3.4	<3.4	<3.4	<3	<3.4	<3.4
	Bromoform	µg/m3	5.2								<5.2	<5.2	<5.2	<4	<5.2	<5.2
	Bromomethane	µg/m3	1.9								<1.9	<1.9	<1.9	<2	<1.9	<1.9
	Carbon disulfide	µg/m3	16								<16	<16	<16	9	<16	<16
	Carbon tetrachloride	µg/m3	3.1								<3.1	<3.1	<3.1	<3	<3.1	<3.1
	Chlorobenzene	µg/m3	2.3								<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Dibromochloromethane	µg/m3	1.6								<1.6	<1.6	<1.6	<3	<1.6	<1.6
	Chloroethane	µg/m3	1.3								<1.3	<1.3	<1.3	<1	<1.3	<1.3
	Chloroform	µg/m3	2.4								<2.4	<2.4	<2.4	<2	<2.4	<2.4
	Chloromethane	µg/m3	1								<1	1	<2	<2	<2	<1
	cis-1,2-dichloroethene	µg/m3	2								<2	<2	<2	<2	<2	<2
	cis-1,3-dichloropropene	µg/m3	2.3								<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Cyclohexane	ug/m3	1.7								5	<1.7	<1.7	<1	<1.7	<1.7
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5								<2.5	<2.5	<2.5	<2	<5	<2.5
	Dichloromethane	µg/m3	17								<17	<17	<17		<17	<17
	Ethanol	µg/m3	9								20	20	20	23	10	20
	Ethyl acetate	µg/m3	1.8								<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Ethylbenzene	µg/m3	2.2		5900	543000	434000	49			30	6	<2.2	<2	<2.2	<2.2
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8								<3.8	<3.8	<3.8	<3	<3.8	<3.8
	Heptane	µg/m3	2								3	<2	<2	<2	<2	<2
	Hexachlorobutadiene	µg/m3	5.3								<5.3	<5.3	<5.3	<40	<5.3	<5.3
	Hexane	µg/m3	1.8								<1.8	<1.8	<1.8	<1	2	8
	Isopropyl Alcohol	µg/m3	12								<12	70	<12	<10	<12	<12
	Methyl Methacrylate	µg/m3	2								<2	<2	<2	<20	<2	<2
	MTBE	ug/m3	1.8								<1.8	<1.8	<1.8	<10	<1.8	<1.8
Naphthalene	µg/m3	2.6		14	79000	52000	3.6		10	<2.6	<2.6	<2.6	<20	<2.6	<2.6	
Propene (Propylene)	µg/m3	0.9								3	4	4	<1	<0.9	3	
Styrene	µg/m3	2.1								<2.1	<2.1	<2.1	6.8	<2.1	4	
Trichloroethene	µg/m3	2.7								<2.7	<2.7	<2.7	<2	<2.7	<2.7	
Tetrachloroethene	µg/m3	3.4								<3.4	<3.4	<3.4	<3	<3.4	<3.4	
Tetrahydrofuran	µg/m3	1.5								<1.5	<1.5	<1.5	<10	<1.5	<1.5	
Toluene	µg/m3	1.9		23000	574000	191100	22000	260	260	20	31	10	24	6	20	
trans-1,2-dichloroethene	µg/m3	2								<2	<2	<2	<2	<2	<2	
trans-1,3-dichloropropene	µg/m3	2.3								<2.3	<2.3	<2.3	<2	<2.3	<2.3	
Trichlorofluoromethane	µg/m3	2.8								<2.8	<2.8	<2.8	<2	<2.8	<2.8	
Vinyl acetate	µg/m3	1.8								<1.8	<1.8	<1.8	<10	<1.8	<1.8	
Vinyl chloride	µg/m3	1.3								<1.3	<1.3	<1.3	<1	<1.3	<1.3	
Xylene (m & p)	µg/m3	4.3		4000	655000	350000	440			110	30	<4.3	4.8	<4.3	5	
Xylene (o)	µg/m3	2.2		4000	655000	350000	440			41	10	<2.2	3.9	<2.2	3	
TPH Air/ Air Phase Hydrocarbon	F2-NAPHTHALENE	µg/m3	40	2300						<40	<40	<40	<730	<40	<40	
	C6-C10 less BTEX (F1)	µg/m3	200	3200						<200	<200	280	<230	<200	<200	
	TPH C5 - C8 Aliphatic	µg/m3	200				2600			<200	<200	400		<200	<200	
	TPH C9 - C10 Aromatic	µg/m3	100				13			<100	<100	<100		<100	<100	
	TPH C9 - C12 Aliphatic	µg/m3	50				440			<50	<50	<50		<50	<50	

										Field ID	IA7	BD1/ 202206	IA7	IA7	IA7	IA7	IA7
										Location Code	IA7	IA7	IA7	IA7	IA7	IA7	IA7
										Sampled Date	06-Jun-22	06-Jun-22	01-Dec-22	20-Jul-23	29-Feb-24	15-Aug-24	05-Mar-25
				CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Bin Room	Bin Room	Bin Room	Bin Room	Bin Room	Bin Room	Bin Room	Bin Room
Method_Type	ChemName	Units	EQL														
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<3.7	<3.7	<30	<3.7	<3.7	<3.7
	1,2,4-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5	<2.5
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8	<3.8
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<2	<3	<3	<3
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<3	<2.5	<2.5	<2.5
	1,3,5-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5	<2.5
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1	<1.1
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<2	<3	<3	<3
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<3	<3	<2	<3	<3	<3
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5	<2.5
	Methyl Ethyl Ketone (MEK)	µg/m3	15							<15	<15	<15	<15	40	20	280	280
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<2	<2	<20	<2	<2	<2
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	55	<20	<20	<20
	Acetone	ug/m3	11.9							<11.9	<11.9	<11.9	<11.9	18	20	40	40
	Acrolein	µg/m3	11							<11	<11	<11	<11	<1	<11	<11	<11
	Benzene	µg/m3	1.6	18		3200	16	17	17	<1.6	<1.6	<1.6	<1.6	<1	<1.6	<1.6	<1.6
	Benzyl chloride	ug/m3	2.6							<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6	<2.6
	Bromodichloromethane	µg/m3	3.4							<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4
	Bromoform	µg/m3	5.2							<5.2	<5.2	<5.2	<5.2	<4	<5.2	<5.2	<5.2
	Bromomethane	µg/m3	1.9							<1.9	<1.9	<1.9	<1.9	<2	<1.9	<1.9	<1.9
	Carbon disulfide	µg/m3	16							<16	<16	<16	<16	31	<16	<16	<16
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3.1	<3.1	<3.1	<3	<3.1	<3.1	<3.1
	Chlorobenzene	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3
	Dibromochloromethane	µg/m3	1.6							<1.6	<1.6	<1.6	<1.6	<3	<1.6	<1.6	<1.6
	Chloroethane	µg/m3	1.3							<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3	<1.3
	Chloroform	µg/m3	2.4							<2.4	<2.4	<2.4	<2.4	<2	<2.4	<2.4	<2.4
	Chloromethane	µg/m3	1							<1	<1	1	<2	<2	<2	<2	<1
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3
	Cyclohexane	ug/m3	1.7							<1.7	<1.7	<1.7	<1.7	<1	<1.7	<1.7	<1.7
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							<2.5	<2.5	<2.5	<2.5	<2	<5	<2.5	<2.5
	Dichloromethane	µg/m3	17							<17	<17	<17	<17	<17	<17	<17	<17
	Ethanol	µg/m3	9							10	20	130	180	4500	10	30	30
	Ethyl acetate	µg/m3	1.8							3	2	68	5	120	<1.8	<1.8	<1.8
	Ethylbenzene	µg/m3	2.2	5900	543000	434000	49			570	520	20	3	<2 (1.7)	<2.2	<2.2	<2.2
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8							<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8	<3.8
	Heptane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	Hexachlorobutadiene	µg/m3	5.3							<5.3	<5.3	<5.3	<5.3	<40	<5.3	<5.3	<5.3
	Hexane	µg/m3	1.8							<1.8	<1.8	<1.8	<1.8	4.9	2	5	5
	Isopropyl Alcohol	µg/m3	12							<12	<12	410	<12	<10	<12	<12	<12
	Methyl Methacrylate	µg/m3	2							<2	<2	<2	<2	<20	<2	<2	<2
	MTBE	ug/m3	1.8							<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8
	Naphthalene	µg/m3	2.6	14	79000	52000	3.6		10	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6	<2.6
	Propene (Propylene)	µg/m3	0.9							<0.9	<0.9	<0.9	<0.9	<1	<0.9	2	2
	Styrene	µg/m3	2.1							<2.1	<2.1	<2.1	<2.1	2.6	<2.1	<2.1	<2.1
	Trichloroethene	µg/m3	2.7							<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7
	Tetrachloroethene	µg/m3	3.4							<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4
	Tetrahydrofuran	µg/m3	1.5							<1.5	<1.5	<1.5	<1.5	<10	<1.5	36	36
	Toluene	µg/m3	1.9	23000	574000	191100	22000	260	260	10	10	10	4	9	22	37	37
	trans-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2
	trans-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3
	Trichlorofluoromethane	µg/m3	2.8							<2.8	<2.8	<2.8	<2.8	<2	<2.8	<2.8	<2.8
	Vinyl acetate	µg/m3	1.8							<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8
	Vinyl chloride	µg/m3	1.3							<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3	<1.3
	Xylene (m & p)	µg/m3	4.3	4000	655000	350000	440			350	340	10	<4.3	<3	5	<4.3	<4.3
	Xylene (o)	µg/m3	2.2	4000	655000	350000	440			100	100	4	<2.2	<2	<2.2	<2.2	<2.2
TPH Air/ Air Phase Hydrocarbon	F2-NAPHTHALENE	ug/m3	40	2300						<40	<40	<40	<40	<730	<40	<40	<40
	C6-C10 less BTEX (F1)	µg/m3	200	3200						<200	<200	<200	<200	<230	<200	<200	<200
	TPH C5 - C8 Aliphatic	µg/m3	200				2600			280	230	220	330		<200	<200	<200
	TPH C9 - C10 Aromatic	µg/m3	100				13			<100	<100	<100	<100		<100	<100	<100
	TPH C9 - C12 Aliphatic	µg/m3	50				440			<50	<50	<50	<50		<50	<50	<50

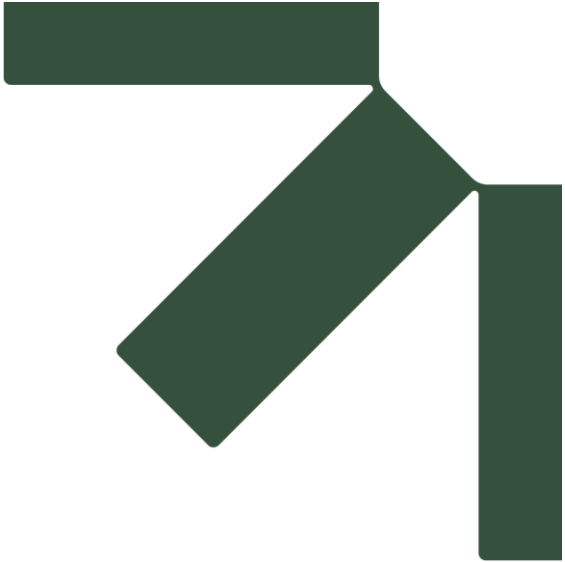
										Field ID	IA8	IA8	IA8	IA8	IA8	IA9	IA9	IA9	IA9	IA9						
										Location Code	IA8	IA8	IA8	IA8	IA8	IA9	IA9	IA9	IA9	IA9						
										Sampled Date	01-Dec-22	20-Jul-23	29-Feb-24	15-Aug-24	05-Mar-25	01-Dec-22	20-Jul-23	01-Mar-24	15-Aug-24	05-Mar-25						
											CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Library	Library	Library	Library	Library	Western Boundary	Western Boundary	Western Boundary	Western Boundary	Western Boundary
Method_Type	ChemName	Units	EQL																							
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7							
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4							
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7							
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2							
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2							
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<30	<3.7	<3.7	<3.7	<3.7	<30	<3.7	<3.7							
	1,2,4-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5							
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8							
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3							
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2							
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3							
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<3	<2.5	<2.5	<2.5	<2.5	<3	<2.5	<2.5							
	1,3,5-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5							
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1	<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1							
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3							
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3							
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8							
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5							
	Methyl Ethyl Ketone (MEK)	µg/m3	15							<15	<15	<10	<15	<15	<15	<15	<10	<15	<15							
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<20	<2	<2	<2	<2	<20	<2	<2							
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	<20	<20	<20	<20							
	Acetone	ug/m3	11.9							90	30	13	30	30	<11.9	<11.9	<10	<11.9	20							
	Acrolein	µg/m3	11							<11	<11	<1	<11	<11	<11	<11	<1	<11	<11							
	Benzene	µg/m3	1.6	18		3200	16	17	17	<1.6	<1.6	<1	<1.6	<1.6	<1.6	<1.6	<1	<1.6	2							
	Benzyl chloride	ug/m3	2.6							<2.6	<2.6	<20	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6							
	Bromodichloromethane	µg/m3	3.4							<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4							
	Bromoform	µg/m3	5.2							<5.2	<5.2	<4	<5.2	<5.2	<5.2	<5.2	<4	<5.2	<5.2							
	Bromomethane	µg/m3	1.9							<1.9	<1.9	<2	<1.9	<1.9	<1.9	<1.9	<2	<1.9	<1.9							
	Carbon disulfide	µg/m3	16							<16	<16	2.5	<16	<16	<16	<16	<1	<16	<16							
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3.1	<3	<3.1	<3.1	<3.1	<3.1	<3	<3.1	<3.1							
	Chlorobenzene	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3							
	Dibromochloromethane	µg/m3	1.6							<1.6	<1.6	<3	<1.6	<1.6	<1.6	<1.6	<3	<1.6	<1.6							
	Chloroethane	µg/m3	1.3							<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3							
	Chloroform	µg/m3	2.4							<2.4	<2.4	<2	<2.4	<2.4	<2.4	<2.4	<2	<2.4	<2.4							
	Chloromethane	µg/m3	1							1	<2	<2	<2	<2	<1	<1	<2	<2	<1							
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2							
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3							
	Cyclohexane	ug/m3	1.7							<1.7	<1.7	<1	<1.7	<1.7	<1.7	<1.7	<1	<1.7	<1.7							
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							<2.5	<2.5	<2	<5	3	<2.5	<2.5	<2	<5	<2.5							
	Dichloromethane	µg/m3	17							<17	<17		<17	<17	<17	<17		<17	<17							
	Ethanol	µg/m3	9							600	70	49	40	60	<9	<9	<9	53	<9	10						
	Ethyl acetate	µg/m3	1.8							3	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8							
	Ethylbenzene	µg/m3	2.2	5900	543000	434000	49			2	<2.2	<2	<2.2	<2.2	<2.2	<2.2	<2	<2.2	<2.2							
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8							<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8							
	Heptane	µg/m3	2							56	<2	<2	<2	<2	<2	<2	<2	<2	<2							
	Hexachlorobutadiene	µg/m3	5.3							<5.3	<5.3	<40	<5.3	<5.3	<5.3	<5.3	<40	<5.3	<5.3							
	Hexane	µg/m3	1.8							<1.8	<1.8	<1	<1.8	220	<1.8	2	<1	<1.8	8							
	Isopropyl Alcohol	µg/m3	12							20	<12	<10	<12	20	<12	<12	<10	<12	<12							
	Methyl Methacrylate	µg/m3	2							<2	<2	<20	<2	<2	<2	<2	<20	<2	<2							
	MTBE	ug/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8							
Naphthalene	µg/m3	2.6	14	79000	52000	3.6	10		<2.6	<2.6	<20	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6								
Propene (Propylene)	µg/m3	0.9							18	4	<1	3	1	<0.9	<0.9	<1	<0.9	1								
Styrene	µg/m3	2.1							<2.1	<2.1	<2	<2.1	<2.1	<2.1	<2.1	<2	<2.1	<2.1								
Trichloroethene	µg/m3	2.7							<2.7	<2.7	<2	<2.7														

									Field ID	IA10	IA10	IA10	IA10	IA10	IA11	IA11	IA11	IA11	IA11
									Location Code	IA10	IA10	IA10	IA10	IA10	IA11	IA11	IA11	IA11	IA11
									Sampled Date	01-Dec-22	20-Jul-23	01-Mar-24	15-Aug-24	05-Mar-25	01-Dec-22	20-Jul-23	29-Feb-24	15-Aug-24	05-Mar-25
				CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Southern Boundary	Southern Boundary	Southern Boundary	Southern Boundary	Southern Boundary	First Floor Terrace	First Floor Terrace	First Floor Terrace	First Floor Terrace	First Floor Terrace
Method_Type	ChemName	Units	EQL																
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<30	<3.7	<3.7	<3.7	<3.7	<30	<3.7	<3.7
	1,2,4-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<3	<2.5	<2.5	<2.5	<2.5	<3	<2.5	<2.5
	1,3,5-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1	<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5
	Methyl Ethyl Ketone (MEK)	µg/m3	15							<15	<15	<10	<15	<15	<15	<15	<10	<15	<15
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<20	<2	<2	<2	<2	<20	<2	<2
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Acetone	ug/m3	11.9							<11.9	<11.9	12	<11.9	<11.9	<11.9	<11.9	8	<11.9	<11.9
	Acrolein	µg/m3	11							<11	<11	<1	<11	<11	<11	<11	<1	<11	<11
	Benzene	µg/m3	1.6	18		3200	16	17	17	<1.6	<1.6	<1	<1.6	<1.6	<1.6	<1.6	<1	<1.6	<1.6
	Benzyl chloride	ug/m3	2.6							<2.6	<2.6	<20	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6
	Bromodichloromethane	µg/m3	3.4							<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	Bromoform	µg/m3	5.2							<5.2	<5.2	<4	<5.2	<5.2	<5.2	<5.2	<4	<5.2	<5.2
	Bromomethane	µg/m3	1.9							<1.9	110	<2	<1.9	<1.9	<1.9	3	<2	<1.9	<1.9
	Carbon disulfide	µg/m3	16							<16	<16	170	<16	<16	<16	<16	43	<16	<16
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3.1	<3	<3.1	<3.1	<3.1	<3.1	<3	<3.1	<3.1
	Chlorobenzene	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Dibromochloromethane	µg/m3	1.6							<1.6	<1.6	<3	<1.6	<1.6	<1.6	<1.6	<3	<1.6	<1.6
	Chloroethane	µg/m3	1.3							<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3
	Chloroform	µg/m3	2.4							<2.4	<2.4	<2	<2.4	<2.4	<2.4	<2.4	<2	<2.4	<2.4
	Chloromethane	µg/m3	1							<1	4	<2	<2	<1	<1	2	<2	<2	<1
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Cyclohexane	ug/m3	1.7							<1.7	<1.7	<1	<1.7	<1.7	<1.7	<1.7	<1	<1.7	<1.7
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							<2.5	<2.5	<2	<5	<2.5	<2.5	<2.5	<2	<5	<2.5
	Dichloromethane	µg/m3	17							<17	<17		<17	<17	<17	<17		<17	<17
	Ethanol	µg/m3	9							<9	10	12	<9	10	<9	10	17	<9	<9
	Ethyl acetate	µg/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Ethylbenzene	µg/m3	2.2	5900	543000	434000	49			<2.2	<2.2	<2	<2.2	<2.2	<2.2	<2.2	2.2	<2.2	<2.2
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8							<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8
	Heptane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	Hexachlorobutadiene	µg/m3	5.3							<5.3	<5.3	<40	<5.3	<5.3	<5.3	<5.3	<40	<5.3	<5.3
	Hexane	µg/m3	1.8							<1.8	<1.8	<1	<1.8	10	<1.8	3	<1	<1.8	<1.8
	Isopropyl Alcohol	µg/m3	12							<12	<12	<10	<12	<12	<12	20	<10	<12	50
	Methyl Methacrylate	µg/m3	2							<2	<2	<20	<2	<2	<2	<2	<20	<2	<2
	MTBE	ug/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Naphthalene	µg/m3	2.6	14	79000	52000	3.6		10	<2.6	<2.6	<20	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6
	Propene (Propylene)	µg/m3	0.9							<0.9	<0.9	<1	<0.9	<0.9	<0.9	<0.9	<1	<0.9	<0.9
	Styrene	µg/m3	2.1							<2.1	<2.1	<2	<2.1	<2.1	<2.1	<2.1	<2	<2.1	<2.1
	Trichloroethene	µg/m3	2.7							<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	Tetrachloroethene	µg/m3	3.4							<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	Tetrahydrofuran	µg/m3	1.5							<1.5	<1.5	<10	<1.5	<1.5	<1.5	<1.5	<10	<1.5	<1.5
	Toluene	µg/m3	1.9	23000	574000	191100	22000	260	260	<1.9	<1.9	3	3	2	<1.9	<1.9	3.4	2	2
	trans-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	trans-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Trichlorofluoromethane	µg/m3	2.8							<2.8	<2.8	<2	<2.8	<2.8	<2.8	<2.8	<2	<2.8	<2.8
	Vinyl acetate	µg/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Vinyl chloride	µg/m3	1.3							<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3
	Xylene (m & p)	µg/m3	4.3	4000	655000	350000	440			<4.3	<4.3	<3	<4.3	<4.3	<4.3	<4.3	4.8	<4.3	<4.3
	Xylene (o)	µg/m3	2.2	4000	655000	350000	440			<2.2	<2.2	<2	<2.2	<2.2	<2.2	<2.2	2.6	<2.2	<2.2
TPH Air/ Air Phase Hydrocarbon	F2-NAPHTHALENE	ug/m3	40	2300						<40	<40	<730	<40	<40	<40	<40	<730	<40	<40
	C6-C10 less BTEX (F1)	µg/m3	200	3200						<200	<200	<230	<200	<200	<200	<200	<230	<200	<200
	TPH C5 - C8 Aliphatic	µg/m3	200				2600			<200	350		<200	<200	<200	300		<200	<200
	TPH C9 - C10 Aromatic	µg/m3	100				13			<100	<100		<100	<100	<100	<100		<100	<100
	TPH C9 - C12 Aliphatic	µg/m3	50				440			<50	<50		<50	<50	<50	<50		<50	<50

									Field ID	IA12	IA12	IA12	IA12	IA12	IA13	IA13	IA13	IA13	IA13
									Location Code	IA12	IA12	IA12	IA12	IA12	IA13	IA13	IA13	IA13	IA13
									Sampled Date	01-Dec-22	20-Jul-23	01-Mar-24	15-Aug-24	05-Mar-25	01-Dec-22	20-Jul-23	01-Mar-24	15-Aug-24	05-Mar-25
				CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Eastern Side of Property	Eastern Side of Property	Eastern Side of Property	Eastern Side of Property	Eastern Side of Property	Northern Boundary	Northern Boundary	Northern Boundary	Northern Boundary	Northern Boundary
Method_Type	ChemName	Units	EQL																
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<3.7	<30	<3.7	<3.7	<3.7	<3.7	<30	<3.7	<3.7
	1,2,4-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8
	1,2-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<2.5	<3	<2.5	<2.5	<2.5	<2.5	<3	<2.5	<2.5
	1,3,5-trimethylbenzene	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5
	1,3-Butadiene	µg/m3	1.1							<1.1	<1.1	<1	<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1
	1,3-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3
	1,4-dichlorobenzene	µg/m3	3							<3	<3	<2	<3	<3	<3	<3	<2	<3	<3
	1,4-Dioxane	µg/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							<2.5	<2.5	<2	<2.5	<2.5	<2.5	<2.5	<2	<2.5	<2.5
	Methyl Ethyl Ketone (MEK)	µg/m3	15							<15	<15	<10	<15	<15	<15	<15	<10	<15	<15
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<2	<20	<2	<2	<2	<2	<20	<2	<2
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Acetone	ug/m3	11.9							<11.9	<11.9	<10	<11.9	<11.9	<11.9	<11.9	<10	<11.9	20
	Acrolein	µg/m3	11							<11	<11	<1	<11	<11	<11	<11	<1	<11	<11
	Benzene	µg/m3	1.6	18		3200	16	17	17	<1.6	<1.6	<1	<1.6	<1.6	<1.6	<1.6	<1	<1.6	<1.6
	Benzyl chloride	ug/m3	2.6							<2.6	<2.6	<20	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6
	Bromodichloromethane	µg/m3	3.4							<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	Bromoform	µg/m3	5.2							<5.2	<5.2	<4	<5.2	<5.2	<5.2	<5.2	<4	<5.2	<5.2
	Bromomethane	µg/m3	1.9							<1.9	<1.9	<2	<1.9	<1.9	<1.9	<1.9	<2	<1.9	<1.9
	Carbon disulfide	µg/m3	16							<16	<16	15	<16	<16	<16	<16	<1	<16	<16
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3.1	<3	<3.1	<3.1	<3.1	<3.1	<3	<3.1	<3.1
	Chlorobenzene	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Dibromochloromethane	µg/m3	1.6							<1.6	<1.6	<3	<1.6	<1.6	<1.6	<1.6	<3	<1.6	<1.6
	Chloroethane	µg/m3	1.3							<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3
	Chloroform	µg/m3	2.4							<2.4	<2.4	<2	<2.4	<2.4	<2.4	<2.4	<2	<2.4	<2.4
	Chloromethane	µg/m3	1							<1	<2	<2	<2	<1	<1	<2	<2	<2	<1
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Cyclohexane	ug/m3	1.7							<1.7	<1.7	<1	<1.7	<1.7	<1.7	<1.7	<1	<1.7	<1.7
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							<2.5	<2.5	<2	<5	<2.5	<2.5	<2.5	<2	<5	<2.5
	Dichloromethane	µg/m3	17							<17	<17		<17	<17	<17	<17		<17	<17
	Ethanol	µg/m3	9							<9	<9	24	<9	10	10	<9	<8	<9	<9
	Ethyl acetate	µg/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Ethylbenzene	µg/m3	2.2	5900	543000	434000	49			<2.2	<2.2	<2	<2.2	<2.2	<2.2	<2.2	<2	<2.2	<2.2
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8							<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3.8	<3	<3.8	<3.8
	Heptane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	Hexachlorobutadiene	µg/m3	5.3							<5.3	<5.3	<40	<5.3	<5.3	<5.3	<5.3	<40	<5.3	<5.3
	Hexane	µg/m3	1.8							<1.8	<1.8	<1	<1.8	<1.8	<1.8	<1.8	<1	<1.8	4
	Isopropyl Alcohol	µg/m3	12							<12	<12	<10	<12	<12	<12	<12	<10	<12	<12
	Methyl Methacrylate	µg/m3	2							<2	<2	<20	<2	<2	<2	<2	<20	<2	<2
	MTBE	ug/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Naphthalene	µg/m3	2.6	14	79000	52000	3.6		10	<2.6	<2.6	<20	<2.6	<2.6	<2.6	<2.6	<20	<2.6	<2.6
	Propene (Propylene)	µg/m3	0.9							<0.9	<0.9	<1	<0.9	<0.9	<0.9	<0.9	<1	<0.9	2
	Styrene	µg/m3	2.1							<2.1	<2.1	<2	<2.1	<2.1	<2.1	<2.1	<2	<2.1	<2.1
	Trichloroethene	µg/m3	2.7							<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	Tetrachloroethene	µg/m3	3.4							<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	Tetrahydrofuran	µg/m3	1.5							<1.5	<1.5	<10	<1.5	<1.5	<1.5	<1.5	<10	<1.5	<1.5
	Toluene	µg/m3	1.9	23000	574000	191100	22000	260	260	<1.9	<1.9	<2 (1.5)	2	<1.9	<1.9	<1.9	<2	2	2
	trans-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	trans-1,3-dichloropropene	µg/m3	2.3							<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Trichlorofluoromethane	µg/m3	2.8							<2.8	<2.8	<2	<2.8	<2.8	<2.8	<2.8	<2	<2.8	<2.8
	Vinyl acetate	µg/m3	1.8							<1.8	<1.8	<10	<1.8	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Vinyl chloride	µg/m3	1.3							<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1.3	<1	<1.3	<1.3
	Xylene (m & p)	µg/m3	4.3	4000	655000	350000	440			<4.3	<4.3	<3	<4.3	<4.3	<4.3	<4.3	<3	<4.3	<4.3
	Xylene (o)	µg/m3	2.2	4000	655000	350000	440			<2.2	<2.2	<2	<2.2	<2.2	<2.2	<2.2	<2	<2.2	<2.2
TPH Air/ Air Phase Hydrocarbon	F2-NAPHTHALENE	ug/m3	40	2300						<40	<40	<730	<40	<40	<40	<40	<730	<40	<40
	C6-C10 less BTEX (F1)	µg/m3	200	3200						<200	290	<230	<200	<200	<200	<200	<230	<200	<200
	TPH C5 - C8 Aliphatic	µg/m3	200				2600			<200	370		<200	<200	<200	350		<200	<200
	TPH C9 - C10 Aromatic	µg/m3	100				13			<100	<100		<100	<100	<100			<100	<100
	TPH C9 - C12 Aliphatic	µg/m3	50				440			<50	<50		<50	<50	<50			<50	<50

								Field ID	IA14	IA14	IA14	IA14	IA15	IA15	IA15	IA15	IA15	IA16	IA16	IA16	IA16
								Location Code	IA14	IA14	IA14	IA14	IA15	IA15	IA15	IA15	IA15	IA16	IA16	IA16	IA16
								Sampled Date	20-Jul-23	01-Mar-24	15-Aug-24	05-Mar-25	20-Jul-23	01-Mar-24	15-Aug-24	05-Mar-25	20-Jul-23	01-Mar-24	15-Aug-24	05-Mar-25	
				CRC Care 2011	HCIS 15 Min STEL	HCIS 8hr TWA	USEPA 2021	WHO 2000	WHO 2010	Maintenance Office/Lunch	Maintenance Office/Lunch	Maintenance Office/Lunch	Maintenance Office/Lunch	Equipment Store (Small)	Equipment Store (Small)	Equipment Store (Small)	Equipment Store (Small)	Workshop	Workshop	Workshop	Workshop
Method_Type	ChemName	Units	EQL																		
TO15 in Canisters µg/m3	1,1,1-trichloroethane	µg/m3	2.7							<2.7	<2	<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	1,1,2,2-tetrachloroethane	µg/m3	3.4							<3.4	<3	<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	1,1,2-trichloroethane	µg/m3	2.7							<2.7	<2	<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2	<2.7	<2.7
	1,1-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,1-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,2,4-trichlorobenzene	µg/m3	3.7							<3.7	<30	<3.7	<3.7	<3.7	<30	<3.7	<3.7	<3.7	<30	<3.7	<3.7
	1,2,4-trimethylbenzene	µg/m3	2.5							6	6.4	3	4	10	<2	<2.5	<2.5	<2.5	<2	<2.5	6
	1,2-dibromoethane	µg/m3	3.8							<3.8	<3	<3.8	<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3	<3.8	<3.8
	1,2-dichlorobenzene	µg/m3	3							<3	<2	<3	<3	<3	<2	<3	<3	<3	<2	<3	<3
	1,2-dichloroethane	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,2-dichloropropane	µg/m3	2.3							<2.3	<2	<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	1,2-Dichlorotetrafluoroethane (Freon 114)	µg/m3	2.5							<2.5	<3	<2.5	<2.5	<2.5	<3	<2.5	<2.5	<2.5	<3	<2.5	<2.5
	1,3,5-trimethylbenzene	µg/m3	2.5							<2.5	<2	<2.5	<2.5	<2.5	6	<2	<2.5	<2.5	<2.5	<2	<2.5
	1,3-Butadiene	µg/m3	1.1							<1.1	<1	<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1	<1.1	<1	<1.1
	1,3-dichlorobenzene	µg/m3	3							<3	<2	<3	<3	<3	<3	<2	<3	<3	<3	<2	<3
	1,4-dichlorobenzene	µg/m3	3							<3	<2	<3	<3	<3	<3	<2	<3	<3	<3	<2	<3
	1,4-Dioxane	µg/m3	1.8							<1.8	<10	<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	1-ethyl-4-methyl benzene (4-Ethyltoluene)	µg/m3	2.5							<2.5	<2	<2.5	<2.5	<2.5	5	<2	<2.5	<2.5	<2.5	<2	<2.5
	Methyl Ethyl Ketone (MEK)	µg/m3	15							<15	<10	<15	<15	<15	20	<10	37	<15	<15	<10	<15
	Methyl Butyl Ketone (MBK)	µg/m3	2							<2	<20	<2	<2	<2	<2	<20	<2	<2	<20	<2	<2
	4-Methyl-2-pentanone (MIBK)	µg/m3	20							<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Acetone	µg/m3	11.9							80	22	30	30	60	17	30	<11.9	<11.9	<10	<11.9	<11.9
	Acrolein	µg/m3	11							<11	<1	<11	<11	<11	<11	<1	<11	<11	<11	<1	<11
	Benzene	µg/m3	1.6	18		3200	16	17	17	<1.6	3.8	3	5	<1.6	<1	2	2	<1.6	1.9	<1.6	5
	Benzyl chloride	ug/m3	2.6							<2.6	<20	<2.6	<2.6	<2.6	<20	<2.6	<2.6	<2.6	<20	<2.6	<2.6
	Bromodichloromethane	µg/m3	3.4							<3.4	<3	<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3	<3.4	<3.4
	Bromoform	µg/m3	5.2							<5.2	<4	<5.2	<5.2	<5.2	<4	<5.2	<5.2	<5.2	<4	<5.2	<5.2
	Bromomethane	µg/m3	1.9							<1.9	<2	<1.9	<1.9	<1.9	<2	<1.9	<1.9	<1.9	<2	<1.9	<1.9
	Carbon disulfide	µg/m3	16							<16	<1	<16	<16	<16	<1	<16	<16	<16	1.6	<16	<16
	Carbon tetrachloride	µg/m3	3.1							<3.1	<3	<3.1	<3.1	<3.1	<3	<3.1	<3.1	<3.1	<3	<3.1	<3.1
	Chlorobenzene	µg/m3	2.3							<2.3	<2	<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Dibromochloromethane	µg/m3	1.6							<1.6	<3	<1.6	<1.6	<1.6	<3	<1.6	<1.6	<1.6	<3	<1.6	<1.6
	Chloroethane	µg/m3	1.3							<1.3	<1	<1.3	<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1	<1.3	<1.3
	Chloroform	µg/m3	2.4							<2.4	<2	<2.4	<2.4	<2.4	<2	<2.4	<2.4	<2.4	<2	<2.4	<2.4
	Chloromethane	µg/m3	1							<2	<2	<2	<2	<1	<2	<2	<2	<1	<2	<2	<1
	cis-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	cis-1,3-dichloropropene	µg/m3	2.3							<2.3	<2	<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2	<2.3	<2.3
	Cyclohexane	ug/m3	1.7							<1.7	<1	<1.7	<1.7	<1.7	<1	<1.7	<1.7	<1.7	<1	<1.7	<1.7
	Dichlorodifluoromethane (Freon 12)	µg/m3	2.5							<2.5	<2	<5	<2.5	<2.5	<2	<5	<2.5	<2.5	<2	<5	<2.5
	Dichloromethane	µg/m3	17							<17		<17	<17	<17	<17	<17	<17	<17	<17	<17	<17
	Ethanol	µg/m3	9							40	320	500	50	20	130	700	30	10	9.6	20	20
	Ethyl acetate	µg/m3	1.8							<1.8	<10	<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8	<10	<1.8	<1.8
	Ethylbenzene	µg/m3	2.2	5900	543000	434000	49			56	3	3	3	110	<2	<2.2	<2.2	6	<2	<2.2	5
	1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/m3	3.8							<3.8	<3	<3.8	<3.8	<3.8	<3	<3.8	<3.8	<3.8	<3	<3.8	<3.8
	Heptane	µg/m3	2							<2	<2	<2	4	<2	<2	<2	<2	<2	<2	<2	4
	Hexachlorobutadiene	µg/m3	5.3							<5.3	<40	<5.3	<5.3	<5.3	<40	<5.3	<5.3	<5.3	<40	<5.3	<5.3
	Hexane	µg/m3	1.8							2	7	5	20	<1.8	<1	5	4	3	1.8	3	20
	Isopropyl Alcohol	µg/m3	12							<12	<10	20	30	60	<10	<12	30	<12	<10	<12	<12
	Methyl Methacrylate	µg/m3	2							<2	<20	<2	<2	<2	<20	<2	<2	<2	<20	<2	<2
	MTBE	µg/m3	1.8							<1.8	<10	<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8	<10	<1.8	<1.8
Naphthalene	µg/m3	2.6	14	79000	52000	3.6		10	<2.6	<20	<2.6	<2.6	<2.6	<20	<2.6	<2.6	<2.6	<20	<2.6	<2.6	
Propene (Propylene)	µg/m3	0.9							<0.9	<1	<0.9	<0.9	<0.9	<1	<0.9	<0.9	<0.9	<1	<0.9	2	
Styrene	µg/m3	2.1							<2.1	<2	<2.1	<2.1	<2.1	<2	<2.1	<2.1	<2.1	<2	<2.1	<2.1	
Trichloroethene	µg/m3	2.7							<2.7	<2	<2.7	<2.7	<2.7	<2	<2.7	<2.7	<2.7	<2	<2.7	<2.7	
Tetrachloroethene	µg/m3	3.4							<3.4	<3	<3.4	<3.4	<3.4	<3	<3.4	<3.4	<3.4	<3	<3.4	<3.4	
Tetrahydrofuran	µg/m3	1.5							<1.5	<10	<1.5	<1.5	<1.5	<10	<1.5	<1.5	<1.5	<10	<1.5	<1.5	
Toluene	µg/m3	1.9	23000	574000	191100	22000	260	260	25	79	22	24	10	7.5	10	9	10	14	9	36	
trans-1,2-dichloroethene	µg/m3	2							<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	
trans-1,3-dichloropropene	µg/m3	2.3							<2.3	<2	<2.3	<2.3	<2.3	<2	<2.3	<2.3	<2.3	<2	<2.3	<2.3	
Trichlorofluoromethane	µg/m3	2.8							<2.8	<2	<2.8	<2.8	<2.8	<2	<2.8	<2.8	<2.8	<2	<2.8	<2.8	
Vinyl acetate	µg/m3	1.8							<1.8	<10	<1.8	<1.8	<1.8	<10	<1.8	<1.8	<1.8	<10	<1.8	<1.8	
Vinyl chloride	µg/m3	1.3							<1.3	<1	<1.3	<1.3	<1.3	<1	<1.3	<1.3	<1.3	<1	<1.3	<1.3	
Xylene (m & p)	µg/m3	4.3	4000	655000	350000	440			240	8.3	7	8	500	<3	<4.3	<4.3	30	<3	<4.3	10	
Xylene (o)	µg/m3	2.2	4000	655000	350000	440			57	3.5	<2.2	3	130	<2	<2.2	<2.2	6	<2	<2.2	5	
TPH Air/ Air Phase Hydrocarbon	F2-NAPHTHALENE	µg/m3	40	2300					<40	<730	<40	<40	<40	<730	<40	<40	<40	<730	<40	<40	
	C6-C10 less BTEX (F1)	µg/m3	200	3200					400	<230	<200	<200	<200	560	<230	<200	<200	330	<230	<200	
	TPH C5 - C8 Aliphatic	µg/m3	200			2600			770		<200	<200	<200	730		<200	<200	410		<200	
	TPH C9 - C10 Aromatic	µg/m3	100			13			<100		<100	<100	<100	<100		<100	<100	<100		<100	
	TPH C9 - C12 Aliphatic	µg/m3	50			440			<50		<50	<50	<50	<50		<50	<50	<50		<50	

TO15 in Canisters
μg/m3



Appendix E Quality Assurance/Quality Control

Air Quality Monitoring

**Western Sydney Cricket and Community Centre, 161 Silverwater Road, Sydney
Olympic Park NSW 2128**

New South Wales Cricket Association

SLR Project No.: 610.031278.00001

16 May 2025

E.1 Data Quality Objectives

The data quality objectives (DQO) of the current monitoring round were developed to define the type and quality of the data to achieve the project objectives and were based broadly in accordance with the seven step data quality objective process, as defined in Schedule B2 Guidance on Site Contamination, Appendix B: Data Quality Objectives (DQO) Process of the National Environment Protection Measure (NEPC, 2013).

The DQO process is defined as:

- Stating the problem;
- Identifying the decision/goal of the study;
- Identifying the information Inputs;
- Defining the boundary of the study;
- Developing an analytical approach;
- Specifying performance of acceptance criteria; and
- Developing a plan for obtaining data.

The investigation specific DQO are outlined below;

Table 8 DQO Summary

Step	Summary
State the problem	The objective of the investigation was to assess whether there is any measurable evidence of vapour intrusion into the buildings which could be an indicator of the vapour membrane failure. The project team consisted of experienced environmental scientists working in the roles of Project Manager, Project Director, Certified Occupational Hygienist (Review) and field staff.
Identify the decisions/goal of the study	The decision is to establish whether or not there is evidence of significant vapour intrusion into the buildings which indicates a potential failure of the vapour membrane.
Identify the information inputs	Inputs to the investigation will be the results of analysis of samples to measure the concentrations of contaminants of potential concern with respect to vapour intrusion (TPH and VOC) identified at the site using NATA accredited laboratories and methods, where possible. The screening levels and published background levels referenced for this investigation are detailed in Section 6.0 A photoionization detector (PID) was used on-site to screen ambient air at the test locations.



Step	Summary
	PID readings were used to identify areas of potentially higher volatile gases in ambient air
Define the study boundaries	The study boundary is as defined in Section 3.0
Develop the analytical approach (or decision rule)	The analytical approach is as outlined in the LTEMP for the site
Specify the performance or acceptance criteria	Occupational Exposure (Trigger) levels are defined in the LTEMP as the trigger to undertake immediate further monitoring. Indoor Air Reference Levels are provided within the LTEMP for comparison within this report, as indicators of potential vapour intrusion
Optimise the design for obtaining data	Sample locations were based on the locations sampled in the Douglas Partners Report, with the addition of samples collected representative of the Maintenance Workshop, with consideration of site activities at the time

E.2 Field and Laboratory Data Quality Assurance and Quality Control

The field and laboratory data quality assurance and quality control (QA/QC) procedures and results are summarised in Table 9 QA/QC Summary. Reference should be made to the field work methodology and the laboratory results / certificates of analysis for further details.

Table 9 QA/QC Summary

Item	Evaluation/Acceptance Criteria	Compliance
Analytical laboratories used	NATA Accreditation	Yes
Holding times	Various based on type of analysis	Yes
Intra-laboratory replicates	As per AT-005, TO15 GC/MSD (Gas Chromatography/Mass Spectrometry Detector), USEPA 18 methods and lab in-house procedures	Yes
Laboratory Blanks	N/A	N/A
Matrix Spikes	As per AT-005, TO15 GC/MSD (Gas Chromatography/Mass Spectrometry Detector), USEPA 18 methods and lab in-house procedures	Yes
Surrogate Spikes	As per AT-005, TO15 GC/MSD (Gas Chromatography/Mass Spectrometry Detector),	Yes



Item	Evaluation/Acceptance Criteria	Compliance
	USEPA 18 methods and lab in-house procedures	
Control Samples	As per AT-005, TO15 GC/MSD (Gas Chromatography/Mass Spectrometry Detector), USEPA 18 methods and lab in-house procedures	Yes
Standard Operating Procedures (SOP)	Adopting SOP for all aspects of the sampling field work	Yes

E.3 Data Quality Indicators

Table 10 Data Quality Indicators Summary

Indicator	Summary
Completeness	Selected target locations sampled. Preparation field logs and chain of custody records. Laboratory sample receipt information received confirming receipt of samples intact and appropriateness of the chain of custody. Samples analysed for contaminants of potential concern (COPC) identified in the LTEMP NATA accredited laboratory results certificates provided by the laboratory. Satisfactory frequency and results for field and laboratory quality control (QC) samples
Comparability	Using appropriate techniques for sample recovery, storage and transportation, which were the same for the duration of the project. Experienced sampler(s) used. Use of NATA registered laboratories, with test methods the same or similar between laboratories. Satisfactory results for field and laboratory QC samples.
Representativeness	Target media sampled. Sample numbers recovered and analysed are considered to be representative of the target media and complying with DQOs. Samples were extracted and analysed within holding times. Samples were analysed in accordance with the COC.
Precision	Field staff followed standard operating procedures.

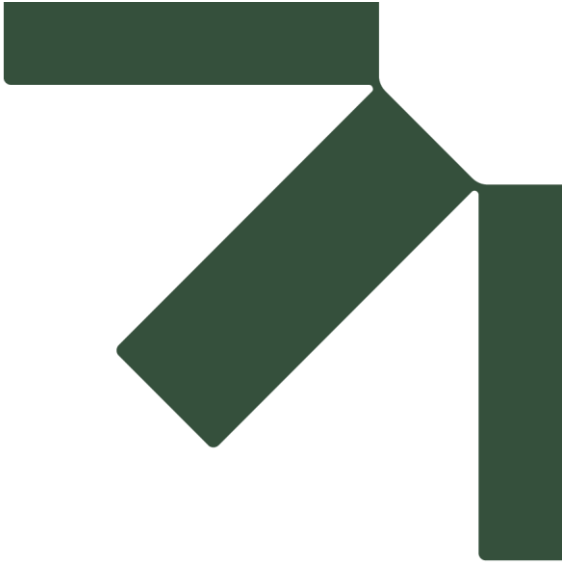


Indicator	Summary
	Satisfactory results for all other field and laboratory QC samples.
Accuracy	Field staff followed standard operating procedures. Satisfactory results for all field and laboratory QC samples.

E.4 Conclusion

Based on the results of the field QA and field and laboratory QC, and evaluation against the DQIs, it is concluded that the field and laboratory test data obtained are reliable and useable for this assessment.





Appendix F Field Sheets

Air Quality Monitoring

**Western Sydney Cricket and Community Centre, 161 Silverwater Road, Sydney
Olympic Park NSW 2128**

New South Wales Cricket Association

SLR Project No.: 610.031278.00001

16 May 2025

Prepared by: Florence Mananyu, Sara Jackson, Meg Segers
 Reviewed by: Nathan Redfern

Issue Date: 19 June 2014
 Version: 1.0

Project No:	Sampling Date: 5/3/25	Sampled By: J. Harby
Site Contact:	Mobile:	Telephone:
Rotameter No:	Defender No:	

Sample No	Canister No.	Monitoring - Personal or Static (Name or Location)	SEG	Contaminant Type	Regulator No.	Start Time	Finish Time	Pressure On (Hg")	Pressure Off (Hg")	PID (ppm)
	43343	IA1								
	-	IA2								
1	10662	IA17				9:42	17:51	-30	-5	
2	322	IA16				9:54	17:38	-30	-7	
3	10650	IA8				10:35	18:12	-30	-9	
4	326	IA9				10:37	18:14	-30	-7	
5	10652	IA6				10:34	18:17	-30	-7	
6	334	IA7				10:30	18:09	-30	-6	
7	345	IA13				10:15	17:56	-30	-8	
8	10658	IA10				10:17	18:23	-30	-7	

Method Type: I – Inhalable R = Respirable DPM = Diesel Particulate Monitoring

Contaminant: P = particulates (dust) S = Silica W = Welding fumes M = Metals O = Other

References: AS3640-2009 (Inhalable) AS2985-2009 (Respirable) AS2986 (VOCs) AS3853.1 (Welding) AIOH (DPM)

-28

Comments:

Prepared by: Florence Mananyu, Sara Jackson, Meg Segers
 Reviewed by: Nathan Redfern

Issue Date: 19 June 2014
 Version: 1.0

Project No:	Sampling Date: 5/3/25	Sampled By: J. Harley
Site Contact:	Mobile:	Telephone:
Rotameter No:	Defender No:	

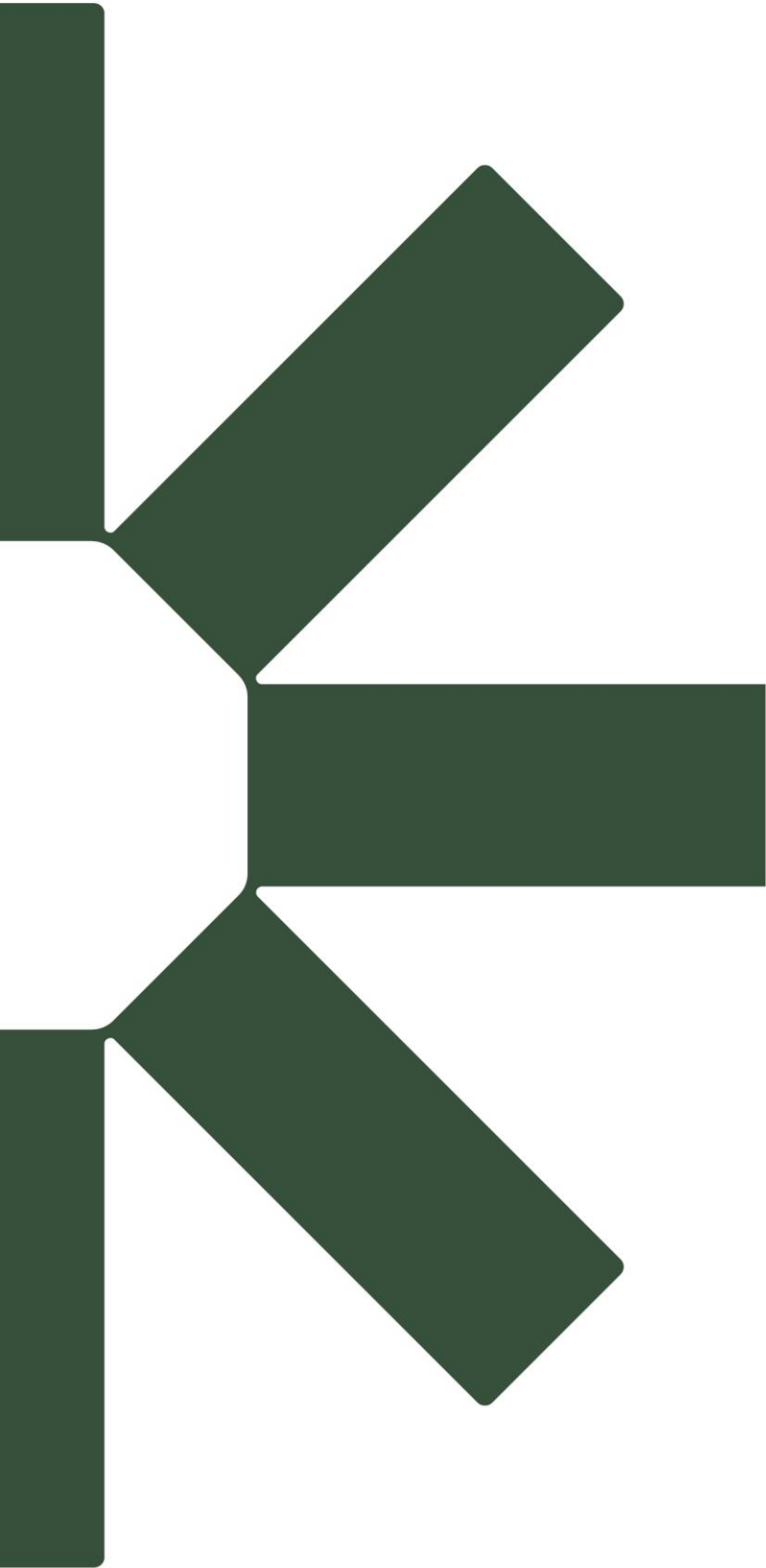
Sample No	Canister No.	Monitoring - Personal or Static (Name or Location)	SEG	Contaminant Type	Regulator No.	Start Time	Finish Time	Pressure On (Hg")	Pressure Off (Hg")	PID (ppm)
9	43346	(43346-) 1A4				9:47	17:36	-30	-10	
10	43345	1A4				9:23	17:12	-30	-7	
11	42843	1A12				9:50	17:52	-29	-11	
12	43349	1A2				9:31	18:01	-30	-13	
13	42873	1A3				9:30	18:02	-28	-11	
14	H2861	1A5				9:26	17:07	-30	-9	
15	H3627	1A11				9:28	17:05	-30	-12	
16	43343	1A1				9:21	17:12	-30	-13	
17	43619	1A15				10:40	18:21	-30	-15	

Method Type: I – Inhalable R = Respirable DPM = Diesel Particulate Monitoring

Contaminant: P = particulates (dust) S = Silica W = Welding fumes M = Metals O = Other

References: AS3640-2009 (Inhalable) AS2985-2009 (Respirable) AS2986 (VOCs) AS3853.1 (Welding) AIOH (DPM)

Comments:



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